**eduGAIN end users**

We often get asked how many users eduGAIN has. eduGAIN has been designed specifically to not be able to answer this question. In order to conserve the privacy of users as much as possible, eduGAIN does not aggregate usage data centrally. A trial is underway to look at how statistics can be maintained in a privacy-preserving way (see [https://f-ticks.edugain.org](https://f-ticks.edugain.org)), but until that time the following Guesstimates may be of interest. Please note these extrapolations are not necessarily from completely reliable sources (we googled!) and the way the percentages are applied is very crude. If you are a Federation Operator and can add more accurate data - please go ahead and add!

<table>
<thead>
<tr>
<th>Country</th>
<th>Students in Tertiary Education</th>
<th>Teaching Staff in Tertiary Education</th>
<th>Total Users</th>
<th>Tertiary Organisations (ISCED 5 and above, public)</th>
<th>IdPs</th>
<th>percentage org</th>
<th>average users</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algeria - ARNaai</td>
<td>1,150,000</td>
<td>37,000</td>
<td>1,187,000</td>
<td>130</td>
<td>1</td>
<td></td>
<td></td>
<td><a href="https://en.wikipedia.org/wiki/List_of_universities_in_Algeria">https://en.wikipedia.org/wiki/List_of_universities_in_Algeria</a></td>
</tr>
<tr>
<td>Argentina - MATE</td>
<td>2,288,000</td>
<td>178,000</td>
<td>2,466,000</td>
<td>47</td>
<td>4</td>
<td>9%</td>
<td>209,872</td>
<td><a href="https://www.thecompleteuniversityguide.co.uk/international-central-and-south-america/argentina/">https://www.thecompleteuniversityguide.co.uk/international-central-and-south-america/argentina/</a></td>
</tr>
<tr>
<td>Armenia - AFIRE</td>
<td>155,000</td>
<td>11,000</td>
<td>166,000</td>
<td>17</td>
<td>1</td>
<td></td>
<td></td>
<td><a href="https://en.wikipedia.org/wiki/List_of_universities_in_Armenia">https://en.wikipedia.org/wiki/List_of_universities_in_Armenia</a></td>
</tr>
<tr>
<td>Australia - AAF</td>
<td>1,200,000</td>
<td>no figures</td>
<td>1,200,000</td>
<td>43</td>
<td>8</td>
<td>19%</td>
<td>223,256</td>
<td><a href="https://en.wikipedia.org/wiki/List_of_universities_in_Australia">https://en.wikipedia.org/wiki/List_of_universities_in_Australia</a></td>
</tr>
<tr>
<td>Austria - ACOnet Identity Federation</td>
<td>308,000</td>
<td>35,000</td>
<td>343,000</td>
<td>23</td>
<td>29</td>
<td>100%</td>
<td>343,000</td>
<td><a href="http://www.studyinbelarus.com.ng/universities-in-belarus.html">http://www.studyinbelarus.com.ng/universities-in-belarus.html</a></td>
</tr>
<tr>
<td>Belgium - Beinnet Federation</td>
<td>425,000</td>
<td>27,000</td>
<td>452,000</td>
<td>20</td>
<td>20</td>
<td>100%</td>
<td>452,000</td>
<td><a href="https://en.wikipedia.org/wiki/List_of_universities_in_Belgium">https://en.wikipedia.org/wiki/List_of_universities_in_Belgium</a></td>
</tr>
<tr>
<td>Brazil - CAFe</td>
<td>6,115,000</td>
<td>341,000</td>
<td>6,456,000</td>
<td>245</td>
<td>209</td>
<td>85%</td>
<td>5,507,363</td>
<td><a href="https://en.wikipedia.org/wiki/List_of_universities_in_Brazil">https://en.wikipedia.org/wiki/List_of_universities_in_Brazil</a></td>
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<td>Canada - Canadian Access Federation</td>
<td>1,800,000</td>
<td>no figures</td>
<td>1,800,000</td>
<td>96</td>
<td>54</td>
<td>56%</td>
<td>1,012,500</td>
<td><a href="https://en.wikipedia.org/wiki/List_of_universities_in_Canada">https://en.wikipedia.org/wiki/List_of_universities_in_Canada</a></td>
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<tr>
<td>Chile - COFRe</td>
<td>805,000</td>
<td>58,000</td>
<td>863,000</td>
<td>25</td>
<td>2</td>
<td>8%</td>
<td>69,040</td>
<td><a href="https://www.timeshighereducation.com/student/where-to-study/study-in-chile">https://www.timeshighereducation.com/student/where-to-study/study-in-chile</a></td>
</tr>
<tr>
<td>Country</td>
<td>Registry</td>
<td>Total①</td>
<td>FODE②</td>
<td>Total③</td>
<td>Success④</td>
<td>Total⑤</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----------------</td>
<td>------------------------</td>
<td>---------</td>
<td>---------</td>
<td>---------</td>
<td>-----------</td>
<td>---------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Colombia</td>
<td>COFLFIRE (information missing)</td>
<td>1,507,000</td>
<td>110,000</td>
<td>1,617,000</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Croatia</td>
<td>AAl@EduHr (information missing)</td>
<td>139,000</td>
<td>42,000</td>
<td>181,000</td>
<td>20</td>
<td>20</td>
<td>100%</td>
<td>181,000</td>
</tr>
<tr>
<td>Czech Republic</td>
<td>eduID.cz</td>
<td>417,000</td>
<td>no figures</td>
<td>417,000</td>
<td>84</td>
<td>84</td>
<td>100%</td>
<td>417,000</td>
</tr>
<tr>
<td>Denmark</td>
<td>WAYF</td>
<td>235,000</td>
<td>no figures</td>
<td>235,000</td>
<td>37</td>
<td>61</td>
<td>100%</td>
<td>235,000</td>
</tr>
<tr>
<td>Ecuador</td>
<td>MINGA</td>
<td>535,000</td>
<td>27,000</td>
<td>562,000</td>
<td>70</td>
<td>2</td>
<td>3%</td>
<td>16,057</td>
</tr>
<tr>
<td>Estonia</td>
<td>TAAT</td>
<td>68,000</td>
<td>no figures</td>
<td>68,000</td>
<td>12</td>
<td>9</td>
<td>75%</td>
<td>51,000</td>
</tr>
<tr>
<td>Finland</td>
<td>HAKA</td>
<td>297,000</td>
<td>15,000</td>
<td>312,000</td>
<td>15</td>
<td>23</td>
<td>100%</td>
<td>312,000</td>
</tr>
<tr>
<td>France</td>
<td>Fédération Éducation- Recherche</td>
<td>2,173,000</td>
<td>no figures</td>
<td>2,173,000</td>
<td>83</td>
<td>291</td>
<td>100%</td>
<td>2,173,000</td>
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<td>Georgia</td>
<td>Grena Identity Federation</td>
<td>95,000</td>
<td>12,000</td>
<td>107,000</td>
<td>17</td>
<td>2</td>
<td>12%</td>
<td>12,588</td>
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<td>Germany</td>
<td>DFN AAI</td>
<td>3,000,000</td>
<td>340,000</td>
<td>3,340,000</td>
<td>70</td>
<td>88</td>
<td>100%</td>
<td>3,340,000</td>
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<tr>
<td>Greece</td>
<td>GRNET (information missing)</td>
<td>603,000</td>
<td>29,000</td>
<td>632,000</td>
<td>42</td>
<td>42</td>
<td>100%</td>
<td>632,000</td>
</tr>
<tr>
<td>Hungary</td>
<td>edud.hu</td>
<td>398,000</td>
<td>24,000</td>
<td>422,000</td>
<td>25</td>
<td>19</td>
<td>76%</td>
<td>320,720</td>
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<tr>
<td>India</td>
<td>INFED</td>
<td>14,863,000</td>
<td>no figures</td>
<td>14,863,000</td>
<td>537</td>
<td>17</td>
<td>3%</td>
<td>470,523</td>
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<tr>
<td>Iran</td>
<td>IR Fed</td>
<td>3,350,000</td>
<td>144,000</td>
<td>3,494,000</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ireland</td>
<td>Edugate!</td>
<td>183,000</td>
<td>13,000</td>
<td>196,000</td>
<td>25</td>
<td>32</td>
<td>78%</td>
<td>153,125</td>
</tr>
<tr>
<td>Israel</td>
<td>IUC Identity Federation</td>
<td>343,000</td>
<td>no figures</td>
<td>343,000</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Italy</td>
<td>IDEM</td>
<td>2,014,000</td>
<td>103,000</td>
<td>2,117,000</td>
<td>89</td>
<td>89</td>
<td>100%</td>
<td>2,117,000</td>
</tr>
</tbody>
</table>

① Total number of universities and colleges
② Number of universities
③ Total number of universities and colleges
④ Percentage of universities
⑤ Total number of students
<table>
<thead>
<tr>
<th>Country</th>
<th>Name</th>
<th>Institutions</th>
<th>Total Students</th>
<th>Students</th>
<th>Growth</th>
<th>KID</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>Japan</td>
<td>GakuNin</td>
<td>3,874,000</td>
<td>524,000</td>
<td>4,398,000</td>
<td>181</td>
<td>7%</td>
<td>4%</td>
</tr>
<tr>
<td>Korea</td>
<td>KAFE</td>
<td>3,219,000</td>
<td>no figures</td>
<td>3,219,000</td>
<td>43</td>
<td>3%</td>
<td>7%</td>
</tr>
<tr>
<td>Latvia</td>
<td>LAIFE</td>
<td>125,000</td>
<td>8,000</td>
<td>133,000</td>
<td>56</td>
<td>18%</td>
<td>32%</td>
</tr>
<tr>
<td>Lithuania</td>
<td>LITNET FEDI</td>
<td>211,000</td>
<td>15,000</td>
<td>226,000</td>
<td>14</td>
<td>14%</td>
<td>100%</td>
</tr>
<tr>
<td>Macedonia</td>
<td>AAEduMk</td>
<td>65,000</td>
<td>4,000</td>
<td>69,000</td>
<td>5</td>
<td>2%</td>
<td>40%</td>
</tr>
<tr>
<td>Moldova</td>
<td>LEAF</td>
<td>135,000</td>
<td>5,000</td>
<td>140,000</td>
<td>18</td>
<td>2%</td>
<td>11%</td>
</tr>
<tr>
<td>Norway</td>
<td>FEIDE</td>
<td>219,000</td>
<td>no figures</td>
<td>219,000</td>
<td>1</td>
<td>1%</td>
<td>100%</td>
</tr>
<tr>
<td>Oman</td>
<td>Oman KID</td>
<td>75,000</td>
<td>4,000</td>
<td>79,000</td>
<td>32</td>
<td>2%</td>
<td>6%</td>
</tr>
<tr>
<td>Poland</td>
<td>PIONIER-IId</td>
<td>2,150,000</td>
<td>101,000</td>
<td>2,251,000</td>
<td>131</td>
<td>11%</td>
<td>8%</td>
</tr>
<tr>
<td>Portugal</td>
<td>RCTSaail</td>
<td>373,000</td>
<td>35,000</td>
<td>408,000</td>
<td>32</td>
<td>8%</td>
<td>25%</td>
</tr>
<tr>
<td>Singapore</td>
<td>Singapore Access Federation - SGAF</td>
<td>213,000</td>
<td>15,000</td>
<td>228,000</td>
<td>6</td>
<td>2%</td>
<td>33%</td>
</tr>
<tr>
<td>--------------</td>
<td>---------</td>
<td>---------------------</td>
<td>---------------------------</td>
<td>--------------------------</td>
<td>----------------------</td>
<td>-------------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>Slovenia</td>
<td>ArnesAAI</td>
<td>235,000</td>
<td>6,000</td>
<td>241,000</td>
<td>100%</td>
<td>241,000</td>
<td><a href="https://en.wikipedia.org/wiki/List_of_universities_in_Slovenia">link</a></td>
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<tr>
<td>South Africa</td>
<td>SAFIRE</td>
<td>1,036,984</td>
<td>58,893</td>
<td>1,095,877</td>
<td>51%</td>
<td>558,897</td>
<td><a href="https://en.wikipedia.org/wiki/List_of_universities_in_South_Africa">link</a></td>
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<tr>
<td>Spain</td>
<td>SIR</td>
<td>1,801,000</td>
<td>152,000</td>
<td>1,953,000</td>
<td>49%</td>
<td>950,803</td>
<td><a href="https://en.wikipedia.org/wiki/Higher_education_in_Spain">link</a></td>
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<tr>
<td>Sweden</td>
<td>SWAMID</td>
<td>423,000</td>
<td>36,000</td>
<td>459,000</td>
<td>100%</td>
<td>459,000</td>
<td><a href="https://en.wikipedia.org/wiki/Higher_education_in_Spain">link</a></td>
</tr>
<tr>
<td>Switzerland</td>
<td>SWITCHaai</td>
<td>233,000</td>
<td>37,000</td>
<td>270,000</td>
<td>100%</td>
<td>270,000</td>
<td><a href="https://en.wikipedia.org/wiki/Higher_education_in_Spain">link</a></td>
</tr>
<tr>
<td>The Netherlands</td>
<td>SURFconext</td>
<td>744,721</td>
<td>125,572</td>
<td>870,293</td>
<td>100%</td>
<td>870,293</td>
<td><a href="https://en.wikipedia.org/wiki/Higher_education_in_Spain">link</a></td>
</tr>
<tr>
<td>U.S.</td>
<td>InCommon</td>
<td>19,103,000</td>
<td>1,405,000</td>
<td>20,508,000</td>
<td>10%</td>
<td>2,074,291</td>
<td><a href="https://en.wikipedia.org/wiki/Higher_education_in_the_United_States">link</a></td>
</tr>
<tr>
<td>Uganda</td>
<td>RIF</td>
<td>124,000</td>
<td>4,000</td>
<td>128,000</td>
<td>1%</td>
<td>35,064</td>
<td><a href="https://en.wikipedia.org/wiki/List_of_universities_in_Uganda">link</a></td>
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<tr>
<td>Ukraine</td>
<td>PEANO</td>
<td>2,799,000</td>
<td>199,000</td>
<td>2,998,000</td>
<td>1%</td>
<td>35,064</td>
<td><a href="https://en.wikipedia.org/wiki/List_of_universities_in_Uganda">link</a></td>
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<tr>
<td>United Kingd</td>
<td>UK federation</td>
<td>2,415,000</td>
<td>138,000</td>
<td>2,553,000</td>
<td>100%</td>
<td>2,553,000</td>
<td>[link](<a href="https://www.ac.uk/about-colleges/research-and-stats/key-further-education-statistics">https://www.ac.uk/about-colleges/research-and-stats/key-further-education-statistics</a>, <a href="http://www.universitiesuk.ac.uk/facts-and-stats/Pages/higher-education-data.aspx">http://www.universitiesuk.ac.uk/facts-and-stats/Pages/higher-education-data.aspx</a>)</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td></td>
<td>84,632,605</td>
<td>4,461,465</td>
<td>89,094,070</td>
<td>7814</td>
<td>2678</td>
<td>27,564,821</td>
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