

Statistical yearbook 2015

CHAPTER IV: EDUCATION

4.6 Higher Education

Table 4.6.1: Higher Education learning students by private institutions

| N° | Higher Learning Institutions | Acronyms | 2013 | | |
|----|--|----------|---------------|---------------|---------------|
| | | | Males | Females | Total |
| | Rwanda | | 47,220 | 37,228 | 84,448 |
| | Private Institutions | | 20,381 | 23,336 | 43,717 |
| 1 | Catholic University of Rwanda | CUR | 791 | 1,442 | 2,233 |
| 2 | Protestant Institute of Arts and Social Sciences | PIASS | 577 | 425 | 1,002 |
| 3 | Institut Supérieur Pédagogique de Gitwe | ISPG | 355 | 698 | 1,053 |
| 4 | Institut Polytechnique de Byumba | IPB | 1,117 | 1,090 | 2,207 |
| 5 | Kigali Independent University | ULK | 5,702 | 6,579 | 12,281 |
| 6 | Catholic Institute of Kabgayi | CIK | 443 | 869 | 1,312 |
| 7 | Institute of Agriculture Technology and Education of Kibungo | INATEK | 2,173 | 2,242 | 4,415 |
| 8 | Independent Institute of Lay Adventist of Kigali | INILAK | 2,790 | 3,685 | 6,475 |
| 9 | Kigali Institute of Management | KIM | 542 | 945 | 1,487 |
| 10 | Rwanda Tourism University College | RTUC | 1,044 | 1,260 | 2,304 |
| 11 | Institut d'Enseignement Supérieur De Ruhengeri | INES | 1,661 | 1,738 | 3,399 |
| 12 | Adventist University of Central Africa | AUCA | 1,268 | 1,095 | 2,363 |
| 13 | Grand Séminaire de Nyakibanda | GSN | 215 | 0 | 215 |
| 14 | Mount Kenya University | MKU | 1,332 | 959 | 2,291 |
| 15 | Kibogora poltechnic | KP | 161 | 155 | 316 |

| N° | Higher Learning Institutions | Acronyms | 2013 | | |
|----|--|------------|-------|---------|-------|
| | | | Males | Females | Total |
| 16 | Carnegy Mellon University | CMU | 18 | 6 | 24 |
| 17 | St Joseph Integrated technical college | STJOSEPH H | 192 | 20 | 212 |
| 18 | Akhilan Institute of women | AIW | 0 | 128 | 128 |

Source: MINEDUC

Figure 4.16: Higher Education learning students Enrollment

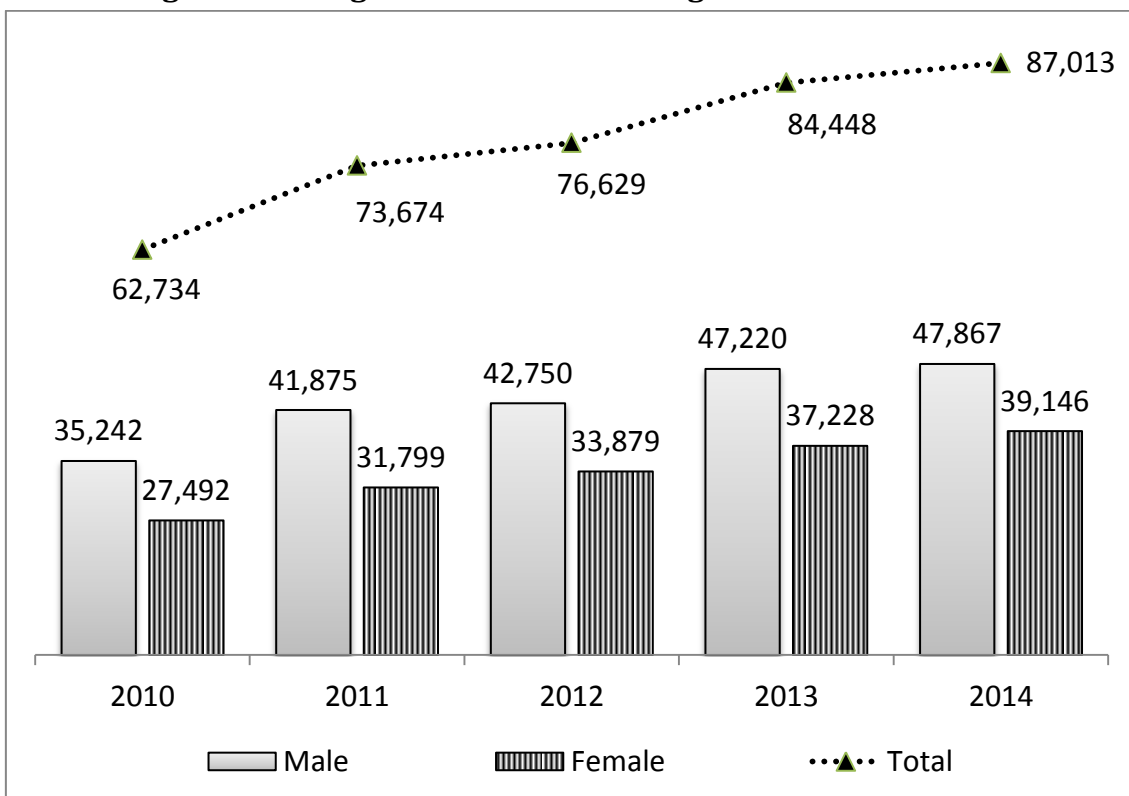


Table 4.6.2: Higher Education learning students by public institutions

| N° | Higher Learning Institutions | Acronyms | 2013 | | |
|----|---|------------|---------------|---------------|---------------|
| | | | Males | Females | Total |
| | Public Institutions | | 26,839 | 13,892 | 40,731 |
| 1 | School of Finance And Banking | SFB | 1,626 | 1,110 | 2,736 |
| 2 | Umutara Polytechnic | UP | 2,072 | 1,374 | 3,446 |
| 3 | Higher Institute of Agriculture And Animal Husbandry | ISAE | 1,750 | 722 | 2,472 |
| 4 | Institute of Legal Practice And Development | ILPD | 134 | 72 | 206 |
| 5 | Kigali Health Institute | KHI | 845 | 530 | 1,375 |
| 6 | Kigali Institute of Education | KIE | 5,906 | 3,423 | 9,329 |
| 7 | Kigali Institute of Science And Technology | KIST | 2,142 | 781 | 2,923 |
| 8 | National University of Rwanda | NUR | 7,727 | 3,529 | 11,256 |
| 9 | Kavumu College of Education | KCE | 454 | 341 | 795 |
| 10 | Rukara College of Education | RCE | 1,125 | 545 | 1,670 |
| 11 | Kicukiro College of Technology | KCT | 1,809 | 331 | 2,140 |
| 12 | Tumba College of Technology | TCT | 421 | 126 | 547 |
| 13 | Kabgayi School of Nursing And Midwifery | KSNM1 | 41 | 244 | 285 |
| 14 | Rwamagana School of Nursing And Midwifery | RSNM | 30 | 246 | 276 |
| 15 | Byumba School of Nursing And Midwifery | BSNM | 114 | 166 | 280 |
| 16 | Kibungo School of Nursing And Midwifery | KSNM2 | 131 | 130 | 261 |
| 17 | Nyagatare School of Nursing And Midwifery | NSNM | 146 | 180 | 326 |
| 18 | Integrated Polytechnic Regional Center South | IPRC SOUTH | 164 | 19 | 183 |
| 19 | Gishari Integrated Polytechnic | GIP | 184 | 21 | 205 |
| 20 | Kitabi College Of Conservation And Environmental Management | KCCM | 18 | 2 | 20 |

Source: MINEDUC

Table 4.6.3: Student enrolment in tertiary education from 2010 to 2014

| Tertiary | 2010 | 2011 | 2011-12 | 2012-13 | 2013-14 |
|--|---------------|---------------|---------------|---------------|---------------|
| Number of students in Degree awarding institutions | | | | | |
| Public | 29,583 | 34,746 | 32,647 | 33,743 | 29,235 |
| Private | 31,170 | 35,772 | 38,997 | 43,717 | 48,277 |
| Sub Total | 60,753 | 70,518 | 71,644 | 77,460 | 77,512 |
| Number of students in Diploma awarding institutions | | | | | |
| Colleges of Education | 840 | 1,046 | 1,605 | 2,465 | 2,374 |
| Tertiary Technical Institution | 433 | 1285 | 2,332 | 3,095 | 5,345 |
| Schools of Nursing and Midwifery | 708 | 825 | 1,048 | 1,428 | 1782 |
| Sub Total | 1,981 | 3,156 | 4,985 | 6,988 | 9,501 |
| General total | 62,734 | 73,674 | 76,629 | 84,448 | 87,013 |

Source: MINEDUC

Figure 4.17: Student enrolment in tertiary education in Degree awarding institutions

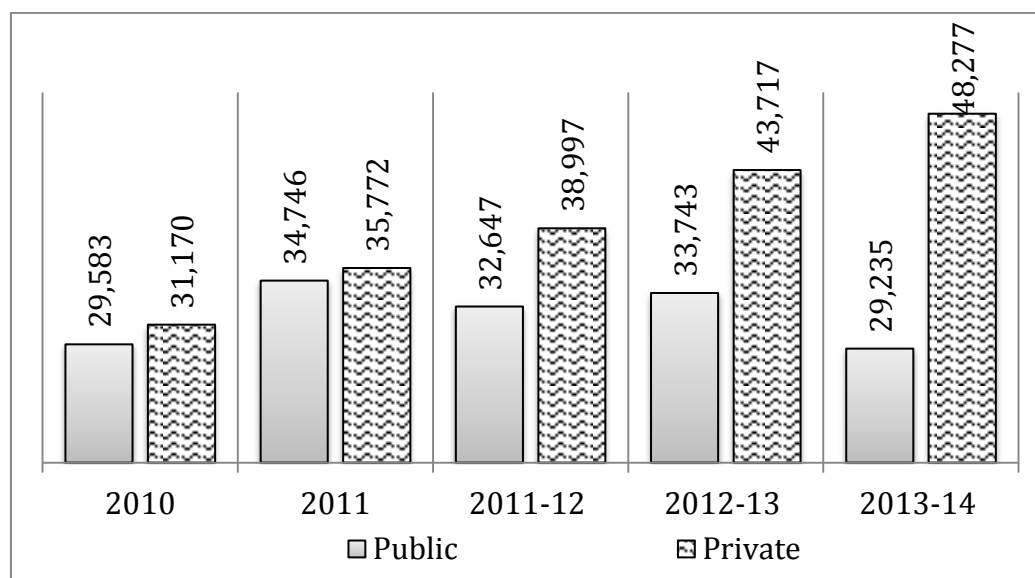


Figure 4.18: Student enrolment in tertiary education in Diploma awarding institutions

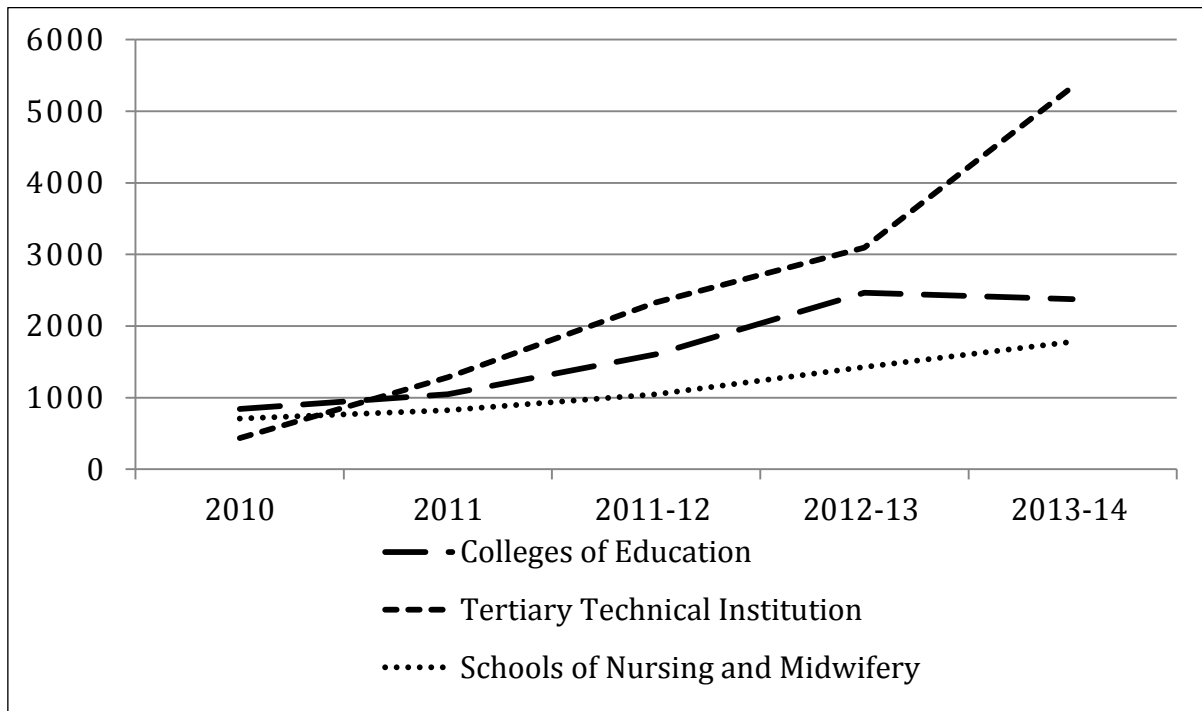


Table 4.6.4: Enrolment of students in tertiary education by exit award

| Exit awards | Number | | | Percentage by sex | | Percentage by Exit award |
|---------------------------|---------------|---------------|---------------|-------------------|-----------|--------------------------|
| | Male | Female | Total | Male | Female | |
| Certificate | 113 | 309 | 422 | 27 | 73 | 1 |
| Diploma/Advanced Diploma | 7,668 | 3,874 | 11,542 | 66 | 34 | 13 |
| Bachelor's degree | 37,476 | 33,608 | 71,084 | 53 | 47 | 82 |
| Post-graduate Certificate | 324 | 124 | 448 | 72 | 28 | 1 |
| Post-graduate Diploma | 287 | 161 | 448 | 64 | 36 | 1 |
| Master's | 1,939 | 1052 | 2,991 | 65 | 35 | 3 |
| PhD | 60 | 18 | 78 | 77 | 23 | 0 |
| TOTAL | 47,867 | 39,146 | 87,013 | 55 | 45 | 100 |

Source: MINEDUC

Figure 4.19: Enrolment of students in tertiary education by exit award

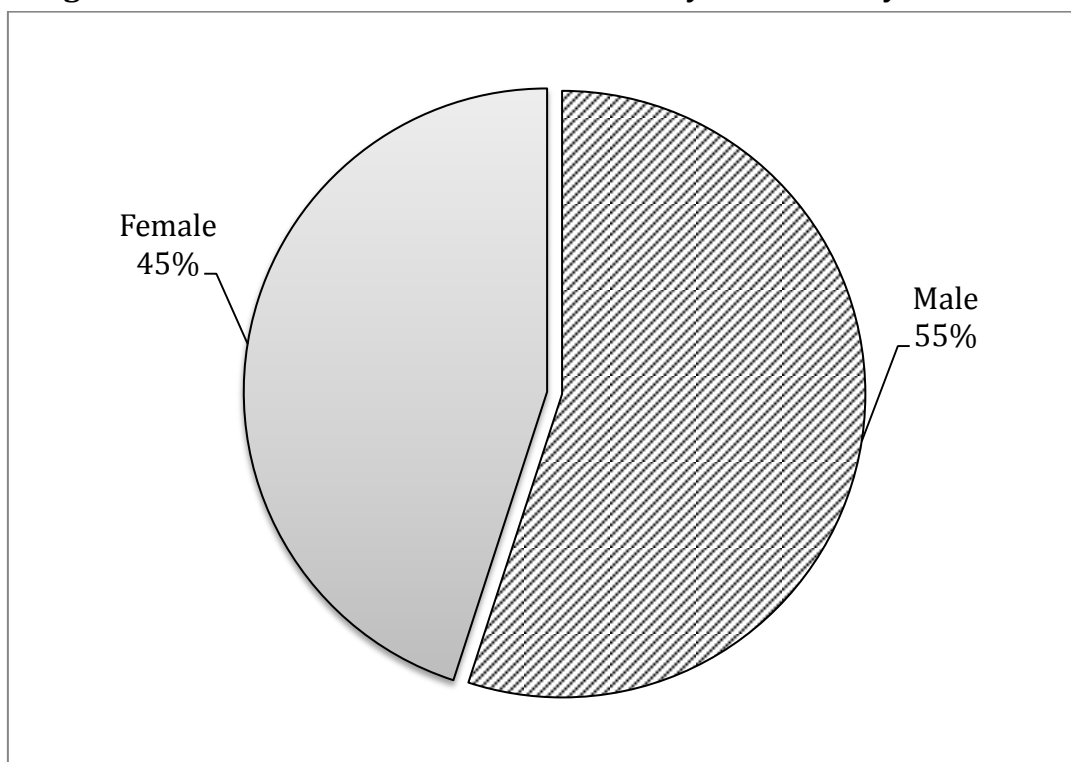


Table 4.6.5: Profile of tertiary education students

| STATUS | Gender | 2010 | 2011 | 2012 | 2013 | 2014 |
|------------------|-----------------|---------------|---------------|---------------|---------------|---------------|
| Public | Male | 21,188 | 25,023 | 25,081 | 26,839 | 25,376 |
| | Female | 10,376 | 12,879 | 12,551 | 13,892 | 12,383 |
| | <i>% Male</i> | <i>67.1</i> | <i>66.0</i> | <i>66.6</i> | <i>65.9</i> | <i>67.2</i> |
| | <i>% Female</i> | <i>32.9</i> | <i>34.0</i> | <i>33.4</i> | <i>34.1</i> | <i>32.8</i> |
| Sub-Total | | 31,564 | 37,902 | 37,632 | 40,731 | 37,759 |
| Private | Male | 14,054 | 16,852 | 17,669 | 20,381 | 22,491 |
| | Female | 17,116 | 18,920 | 21,328 | 23,336 | 26,763 |
| | <i>% Male</i> | <i>45.1</i> | <i>47.1</i> | <i>45.3</i> | <i>46.6</i> | <i>45.7</i> |
| | <i>% Female</i> | <i>54.9</i> | <i>52.9</i> | <i>54.7</i> | <i>53.4</i> | <i>54.3</i> |
| Sub-Total | | 31,170 | 35,772 | 38,997 | 43,717 | 49,254 |
| Public and | Male | 35,242 | 41,875 | 42,750 | 47,220 | 47,867 |

| STATUS | Gender | 2010 | 2011 | 2012 | 2013 | 2014 |
|--------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Private | Female | 27,492 | 31,799 | 33,879 | 37,228 | 39,146 |
| | % Male | 56.2 | 56.8 | 55.8 | 55.9 | 55.0 |
| | % Female | 43.8 | 43.2 | 44.2 | 44.1 | 45.0 |
| General Total | | 62,734 | 73,674 | 76,629 | 84,448 | 87,013 |
| Student per 100,000 inhabitant | Male | 701 | 808 | 800 | 912 | 901 |
| | Female | 511 | 575 | 595 | 670 | 688 |
| | TOTAL | 602 | 687 | 695 | 787 | 791 |

Source: MINEDUC

Figure 4.20: Profile of tertiary education students per 100,000 inhabitants by sex

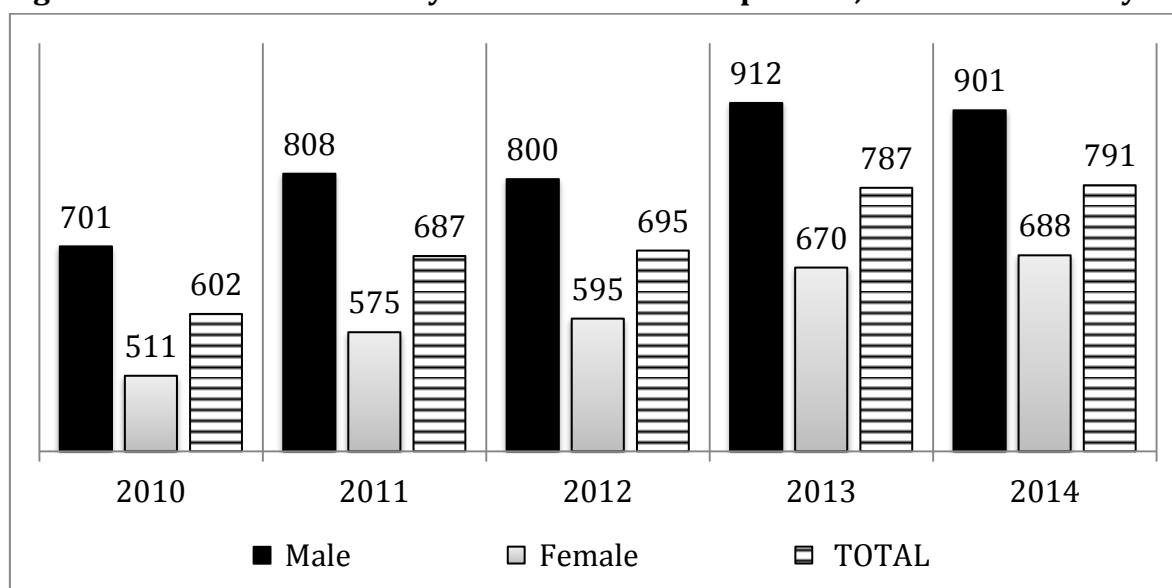


Table 4.6.6: Tertiary education students with disability in 2014

| Level | Hearing | Visual | Other physical | Learning | Multiple disabilities | Total | | |
|----------------------------|------------|-------------|----------------|------------|-----------------------|-------------|-------------|------------|
| | | | | | | Male | Female | Total |
| Certificate | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Diploma & Advanced Diploma | 1 | 2 | 32 | 0 | 0 | 25 | 10 | 35 |
| Bachelors | 4 | 5 | 65 | 0 | 1 | 41 | 34 | 75 |
| Postgraduate Certificate | 4 | 37 | 32 | 1 | 0 | 53 | 21 | 74 |
| Postgraduate Diploma | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 |
| Master's | 0 | 0 | 3 | 0 | 0 | 2 | 1 | 3 |
| PhD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 9 | 44 | 133 | 1 | 1 | 122 | 66 | 188 |
| Percentage | 4.8 | 23.4 | 70.7 | 0.5 | 0.5 | 64.9 | 35.1 | 100 |

Source: MINEDUC

Figure 4.21: Profile of tertiary education students with disability in 2013

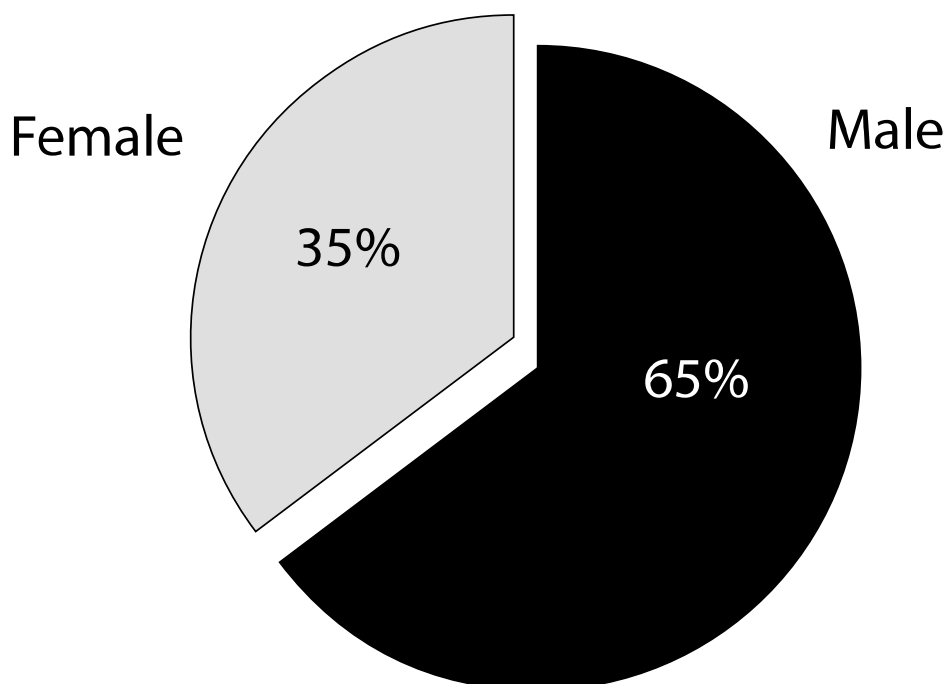


Table 4.6.7: Profile of tertiary education staff in 2014

| | | 2014 | | | | | | | | |
|---------|---------------|----------------|------------|--------------|--------------------------------|------------|--------------|---------|------------|--------------|
| Status | Sex | Academic staff | | | Administrative & support staff | | | TOTAL | | |
| | | Rwandan | Foreigners | Total | Rwandan | Foreigners | Total | Rwandan | Foreigners | Total |
| Public | Male | 1,484 | 169 | 1,653 | 995 | 24 | 1019 | 2,479 | 193 | 2,672 |
| | Female | 436 | 36 | 472 | 591 | 4 | 595 | 1027 | 40 | 1067 |
| | Sub total | 1,920 | 205 | 2,125 | 1,586 | 28 | 1,614 | 3,506 | 233 | 3,739 |
| Private | Male | 1260 | 324 | 1,584 | 727 | 52 | 779 | 1,987 | 376 | 2,363 |
| | Female | 240 | 89 | 329 | 360 | 27 | 387 | 600 | 116 | 716 |
| | Sub total | 1500 | 413 | 1,913 | 1087 | 79 | 1166 | 2,587 | 492 | 3,079 |
| Total | Male | 2,744 | 493 | 3,237 | 1,722 | 76 | 1,798 | 4,466 | 569 | 5,035 |
| | Female | 676 | 125 | 801 | 951 | 31 | 982 | 1,627 | 156 | 1,783 |
| | General total | 3,420 | 618 | 4,038 | 2,673 | 107 | 2,780 | 6,093 | 725 | 6,818 |

Source: MINEDUC

Figure 4.22: Profile of tertiary education staff by nationalities in 2014

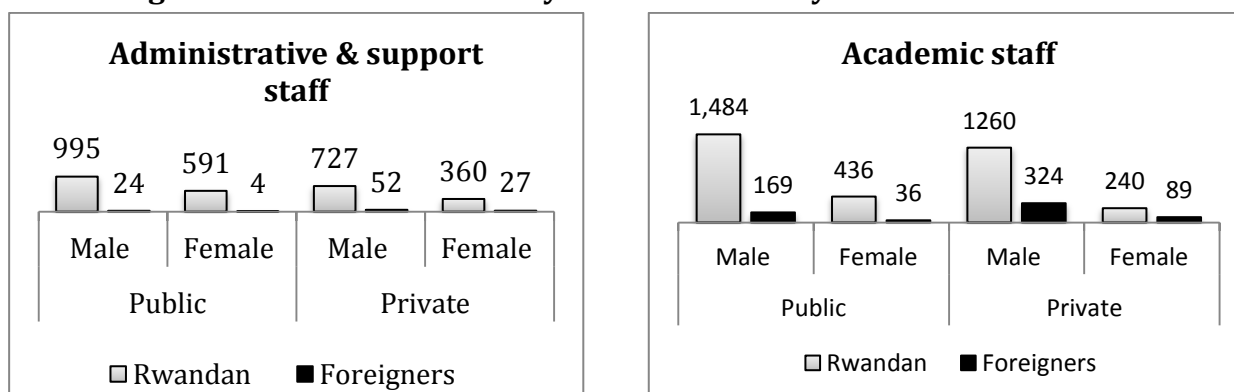


Table 4.6.8: Tertiary students abroad by level of education

| Year | 2012-2013 | | | |
|------------------|------------|------------|--------------|------------|
| | Female | Male | Total | % |
| Bachelors | 219 | 445 | 664 | 60.9 |
| Masters | 61 | 276 | 337 | 30.9 |
| Doctorate | 5 | 85 | 90 | 8.2 |
| Total | 285 | 806 | 1,091 | 100 |

Source: MINEDUC

Table 4.6.9: Number of tertiary education students by field of education in 2014

| Field of education | Public | | | Private | | | Total | | |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | Males | Females | Total | Males | Females | Total | Males | Females | Total |
| Education | 2402 | 1262 | 3664 | 1743 | 1677 | 3420 | 4145 | 2939 | 7084 |
| Humanities and arts | 1,952 | 903 | 2,855 | 1992 | 1704 | 3,696 | 3,944 | 2,607 | 6,551 |
| Social sciences, Business and law | 5,925 | 3541 | 9,466 | 14271 | 19702 | 33,973 | 20,196 | 23,243 | 43,439 |
| Science | 4,206 | 1,943 | 6,149 | 1,652 | 1,455 | 3,107 | 5,858 | 3,398 | 9,256 |
| Engineering, manufacturing and construction | 6,241 | 1,700 | 7,941 | 1661 | 585 | 2246 | 7,902 | 2,285 | 10,187 |
| Agriculture | 1,790 | 849 | 2,639 | 228 | 106 | 334 | 2,018 | 955 | 2,973 |
| Health and welfare | 2,797 | 2,144 | 4,941 | 883 | 1,359 | 2,242 | 3,680 | 3,503 | 7,183 |
| Services | 63 | 41 | | 61 | 175 | 236 | 124 | 216 | 340 |
| TOTAL | 25,376 | 12,383 | 37,759 | 22,491 | 26,763 | 49,254 | 47,867 | 39,146 | 87,013 |

Source: MINEDUC

Table 4.6.10: Number of computers in tertiary education institutions in 2014

| Status | Department/ office where computer are located | Number of computers | | with Internet Connection | without Internet Connection |
|----------------|---|---------------------|-------------|--------------------------|-----------------------------|
| | | Desktops | Laptops | | |
| Public | Offices for academic staff | 604 | 340 | 916 | 28 |
| | Offices for administrative staff | 655 | 293 | 894 | 54 |
| | Computer rooms for students | 3,047 | 153 | 2,473 | 727 |
| | Computer rooms for staff | 3793 | 640 | 3623 | 810 |
| | Total | 8,099 | 1426 | 7,906 | 1619 |
| Private | Offices for academic staff | 241 | 208 | 368 | 81 |
| | Offices for administrative staff | 507 | 173 | 639 | 41 |
| | Computer rooms for students | 3,852 | 151 | 3,587 | 416 |
| | Computer rooms for staff | 0 | 0 | 0 | 0 |
| | Total | 4,600 | 532 | 4,594 | 538 |
| Total | Offices for academic staff | 845 | 548 | 1284 | 109 |
| | Offices for administrative staff | 1162 | 466 | 1,533 | 95 |
| | Computer rooms for students | 6,899 | 304 | 6,060 | 1143 |
| | Computer rooms for staff | 3793 | 640 | 3623 | 810 |
| | Total | 12,699 | 1958 | 12,500 | 2157 |

Source: MINEDUC

Figure 4.23: Number of computers and internet connection in tertiary education by sector of education, 2014

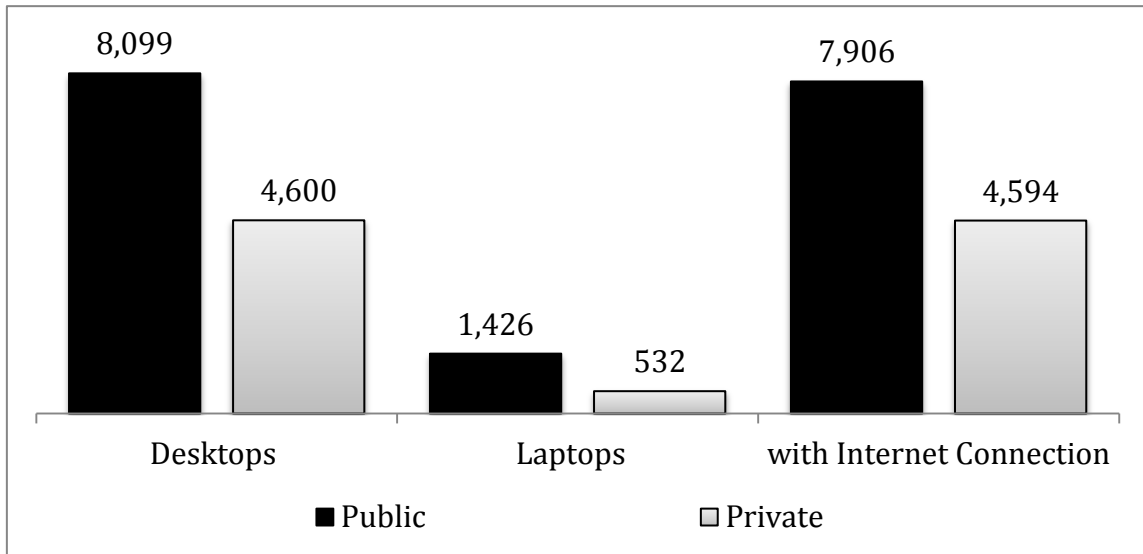


Table 4.6.11: Government sponsored students abroad in 2013-2014 academic years

| Course | 2012 | | | |
|---|------------|------------|-----------|--------------|
| | Bachelors | Masters | PhD | Total |
| Agriculture and Animal Husbandry | 16 | 16 | 5 | 37 |
| Aviation and Airport Management | 3 | 3 | 0 | 6 |
| Gas and Oil | 23 | 1 | 0 | 24 |
| Health Sciences and Pharmacy | 24 | 71 | 9 | 104 |
| Infrastructure Engineering (Civil, Electrical & Industrial) | 148 | 35 | 8 | 191 |
| Mechanical and Aerospace Engineering | 12 | 11 | 2 | 25 |
| Mining and Geology | 6 | 2 | 1 | 9 |
| Math and Quantitative Methods | 18 | 8 | 3 | 29 |
| Natural Sciences (Biology, Chemistry, Physics and Earth Sciences) | 111 | 42 | 8 | 161 |
| Water and Environment | 28 | 29 | 3 | 60 |
| Arts and Humanities | 25 | 7 | 5 | 37 |
| Economics and Business Studies | 22 | 46 | 8 | 76 |
| Social Sciences (Education, Sociology, Political Sciences, etc.) | 8 | 26 | 21 | 55 |
| Information Communication and Technology | 220 | 40 | 17 | 277 |
| Total | 664 | 337 | 90 | 1,091 |

Source: MINEDUC