

Annual First-Time Freshman Retention Study

Office of Institutional Research and Planning
Fall 2012

Georgia Institute of Technology Institutional Research and Planning Annual First-Time Freshman Retention Study

Institutional Research and Planning has studied the retention of Georgia Tech students from 1993 through 2012. Cohorts have been defined as first-time students who entered in the respective summer or fall terms and were full-time in the cohort-year fall term. Retention is defined as being enrolled as of (taking classes or participating in co-op/internship programs) or having graduated by each successive fall term. This report tracks retention through year seven and graduation through year six for each cohort in total, by gender, by ethnicity, and by college of entry (see Tables 5-10). Chi-Square tests of significance ($p \le 0.05$) on each cohort's progression were conducted by these characteristics. Second-year retention was examined by an expanded set of characteristics for the 2007 through 2011 cohorts (see Table 2 and Table 3).

Retention Highlights

The notable second-year retention rate of 95% continued for the 2011 cohort. Historic third-year (92%), fourth-year (88%), and sixth-year (85%) retention rates were observed for the 2010, 2009, and 2007 cohorts, respectively. Fifth-year (85%) and seventh-year (82%) retention rates were maintained at high rates for the 2008 and 2006 cohorts, respectively (see Table 1).

- Significant differences in second-year retention were noted for the following characteristics: ethnicity, state residency, citizenship, Greek, and academic standing for the 2011 cohort.
 - Academic standing was the characteristics most frequently observed to have significant second-year retention differences among the five most recent cohorts. Additionally, state residency and GT1000 enrollment were also observed to have significant second-year retention differences.
 - o Students in good academic standing as of the end of their freshman year were retained to the second year at higher rates than those on warning or academic probation.
 - The characteristic least observed to have significant second-year retention differences were college of entry (see Table 2).
- Significant differences in second-year retention were also noted for the following characteristics: SAT Math, High School GPA, Admissions Index and First-Year GPA for the 2011 cohort.
 - High School GPA, Admissions Index and First-Year GPA were the characteristics most frequently observed to have significant second-year retention differences among the five most recent cohorts.
 - o The characteristics least observed to have significant second-year retention differences were SAT Math and SAT Verbal (see Table 3).
- Retention beyond the second year was examined by gender, ethnicity, and college of entry.
 - O Significant differences were most frequently observed by gender. Females were consistently retained at higher levels for all cohorts. These differences were most frequently observed in retention years three through seven (see Table 5).
 - o Some significant differences by ethnicity were observed. Significant differences were observed most frequently in the fifth, sixth and seventh years of retention, and least frequently in the third and fourth years of retention (see Table 6).
 - o Few significant differences were observed by college of entry (see Table 7).

Table 1. Retention Rates Overall

| Freshma | n Cohort | | Reter | tion Rates (| to next Fall | term) | |
|---------|----------|--------|--------|--------------|--------------|--------|--------|
| Year | n | 2nd Yr | 3rd Yr | 4th Yr | 5th Yr | 6th Yr | 7th Yr |
| 1993 | 1955 | 85% | 78% | 74% | 72% | 72% | 71% |
| 1994 | 2012 | 85% | 78% | 73% | 73% | 72% | 73% |
| 1995 | 2120 | 85% | 76% | 73% | 71% | 71% | 71% |
| 1996 | 2120 | 85% | 77% | 73% | 72% | 72% | 72% |
| 1997 | 2069 | 86% | 79% | 75% | 75% | 74% | 74% |
| 1998 | 2487 | 86% | 80% | 77% | 75% | 75% | 75% |
| 1999 | 2298 | 90% | 83% | 81% | 80% | 79% | 79% |
| 2000 | 2243 | 90% | 84% | 81% | 79% | 79% | 79% |
| 2001 | 2225 | 91% | 84% | 82% | 81% | 80% | 80% |
| 2002 | 2277 | 90% | 84% | 82% | 80% | 80% | 80% |
| 2003 | 2225 | 92% | 86% | 84% | 82% | 82% | 82% |
| 2004 | 2575 | 92% | 86% | 84% | 82% | 82% | 83% |
| 2005 | 2419 | 93% | 87% | 84% | 82% | 82% | 82% |
| 2006 | 2838 | 92% | 87% | 84% | 83% | 82% | 82% |
| 2007 | 2624 | 93% | 88% | 87% | 85% | 85% | |
| 2008 | 2633 | 93% | 88% | 86% | 85% | | |
| 2009 | 2655 | 94% | 90% | 88% | | | |
| 2010 | 2706 | 95% | 92% | | | | |
| 2011 | 2692 | 95% | | | | | |

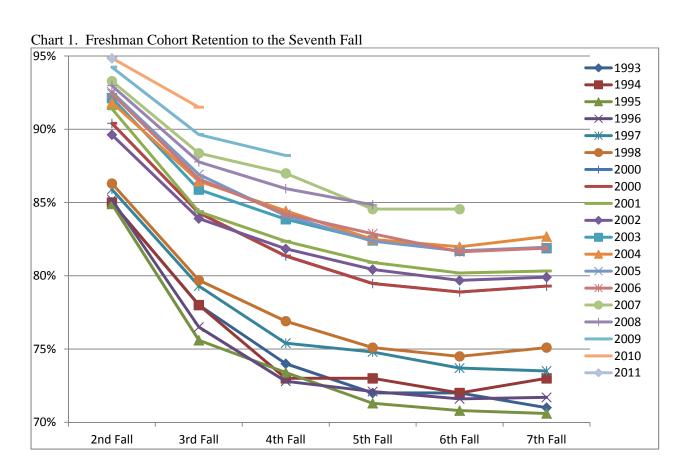


Table 2. Chi-Square Results for Retention to the Second Year

| | 2007 | 2008 | 2009 | 2010 | 2011 |
|--|--------|--------|--------|--------|--------|
| First fall term | Cohort | Cohort | Cohort | Cohort | Cohort |
| Cohort | 93.2% | 93.0% | 94.2% | 94.9% | 94.8% |
| Female | 94.4% | *94.9% | 94.9% | 95.9% | 95.2% |
| Male | 92.6% | 92.1% | 93.8% | 94.3% | 94.6% |
| Asian | 94.5% | 95.3% | *96.6% | 95.7% | *97.3% |
| Black or African American | 94.0% | 91.4% | 94.9% | 92.4% | 93.4% |
| Hispanic or Latino | 91.7% | 90.6% | 93.6% | 95.2% | 95.6% |
| International | 93.1% | 92.6% | 88.6% | 91.4% | 91.6% |
| Other ¹ | 93.6% | 87.7% | 92.9% | 92.7% | 92.7% |
| White | 92.9% | 92.9% | 94.6% | 95.4% | 94.9% |
| International | 93.1% | 92.6% | *88.6% | *91.4% | *91.6% |
| Underrepresented Minority ² | 93.1% | 90.4% | 94.1% | 93.9% | 94.2% |
| Not Underrepresented Minority | 93.2% | 93.4% | 95.0% | 95.4% | 95.3% |
| In-State | *94.5% | *94.3% | *95.8% | 95.5% | *95.9% |
| Out-of-State | 91.1% | 90.6% | 91.8% | 93.8% | 93.1% |
| International | 93.1% | 92.6% | *88.6% | *91.4% | *91.6% |
| U.S. Resident | 93.2% | 93.0% | 94.9% | 95.2% | 95.2% |
| Fraternity/Sorority | 93.9% | *95.6% | 95.6% | 96.1% | *97.2% |
| Non-Member | 93.0% | 92.1% | 93.8% | 94.6% | 94.0% |
| On Campus Housing | 93.2% | 93.1% | 94.3% | *95.0% | 94.9% |
| Off Campus | 94.2% | 90.4% | 91.2% | 90.2% | 93.1% |
| Enrolled in GT1000 | *94.8% | *94.2% | *95.0% | *95.9% | 95.2% |
| Not Enrolled in GT1000 | 91.2% | 90.8% | 92.5% | 92.8% | 94.3% |
| Freshman Experience | *93.8% | 93.0% | 94.5% | 95.1% | 94.9% |
| Non-Freshman Experience | 91.0% | 93.0% | 93.1% | 94.3% | 94.5% |
| GT1000 & FE | *95.2% | *94.0% | *95.3% | *96.6% | 95.3% |
| GT1000 or FE or Neither | 91.5% | 91.7% | 93.0% | 93.3% | 94.2% |
| Pell | *95.6% | 94.2% | 93.3% | 93.5% | 94.8% |
| No Pell | 92.6% | 92.7% | 94.4% | 95.2% | 94.8% |
| Architecture | 89.6% | 93.0% | 92.6% | 95.6% | 93.5% |
| Computing | 93.9% | 93.6% | 94.5% | 94.8% | 94.8% |
| Engineering | 93.2% | 93.2% | 94.4% | 95.1% | 95.0% |
| Ivan Allen | 92.9% | 93.5% | 91.7% | 96.0% | 94.5% |
| Scheller | 97.5% | 92.9% | 96.4% | 93.8% | 97.1% |
| Sciences | 91.3% | 90.6% | 93.7% | 93.4% | 93.0% |
| Good Standing | *95.8% | *95.4% | *95.8% | *96.7% | *96.5% |
| Warning | 72.6% | 75.2% | 82.1% | 74.0% | 71.9% |
| Probation | 32.7% | 27.3% | 39.1% | 26.5% | 36.4% |

^{*} Significant difference (p ≤ 0.05)

¹ Other includes: American Indian or Alaskan Native, Native Hawaiian or Other Pacific Islander, Unknown and Two or More Races.

² Underrepresented Minority includes American Indian or Alaskan Native, Black or African American, Hispanic or Latino, Native Hawaiian or Other Pacific Islander and Two or More Races.

Table 3. t-test Results for Retention to the Second Year

| Category | Retention | 2007 | 2008 | 2009 | 2010 | 2011 |
|--------------------|--------------|--------|--------|--------|--------|--------|
| Category | Status | Cohort | Cohort | Cohort | Cohort | Cohort |
| SAT Math | Retained | 694 | 700 | 704 | *705 | *712 |
| SAT WIATH | Not Retained | 694 | 691 | 698 | 679 | 700 |
| SAT Verbal | Retained | 651 | 653 | *652 | *664 | 672 |
| SAT VEIDAI | Not Retained | 645 | 656 | 639 | 639 | 676 |
| SAT Writing | Retained | 629 | *634 | *633 | *645 | 654 |
| SAT WITTING | Not Retained | 619 | 619 | 616 | 610 | 655 |
| High School GPA | Retained | *3.74 | *3.76 | *3.82 | *3.87 | *3.89 |
| Iligii School Gi A | Not Retained | 3.65 | 3.64 | 3.7 | 3.75 | 3.83 |
| Admissions Index | Retained | *2.87 | *2.95 | *3.01 | *3.07 | *3.12 |
| Admissions index | Not Retained | 2.8 | 2.82 | 2.88 | 2.88 | 3.06 |
| First-Year GPA | Retained | *3.09 | *3.08 | *3.14 | *3.17 | *3.22 |
| riist-real GIA | Not Retained | 2.04 | 2.01 | 2.27 | 2.12 | 2.35 |

^{*} Significant difference (p \leq 0.05)

Graduation Highlights

Four-year graduation rates declined from a historic high of 41% for the 2007 cohort to 37% for the 2008 cohort; however five-year graduation rates rose to a historic level of 76% for the 2007 cohort; and six-year rates were maintained just under the historic high of 80% at 79% for the 2005 cohort (see Table 4).

- Significant differences in four-year graduation rates were observed for all cohorts in this study for all three characteristics examined: gender, ethnicity, and college of entry (see Tables 9-11).
 - o Females consistently graduated at significantly higher rates than males.
 - O Asian students consistently graduated at higher rates (when the small numbers of American Indian, Native Hawaiian, Two or More races, and Unknown Race/Ethnicity students were excluded), while Black/African- American students consistently graduated at lower rates. However, historic high four-year graduation rates were observed for Black/African-American members of the 2008 cohort (34.4%).
 - o International students consistently graduate at a higher rate than all other ethnicity categories.
 - Students entering the Ivan Allen College most frequently graduated at higher rates, while entrants to the College of Engineering most frequently graduated at lower rates.
- Similarly, significant differences in five-year graduation rates were observed for all cohorts examined in this report by gender and ethnicity.
 - o Significant differences were most consistently observed by gender and ethnicity.
 - o Females graduated at significantly higher five-year rates for all cohorts.
 - International students most frequently graduated at higher five-year rates, except for the 2005 and 2007 cohorts where Asian students graduated at the highest rates. Black/African-American students consistently graduated at lower five-year rates.
 - Many of the cohorts examined exhibited significant differences in five-year graduation rates by college of entry. Entrants in the College of Computing consistently graduated in five years at lower rates, while students in the College of Architecture most frequently graduated in five years at higher rates for the earliest cohorts; higher rates in the College of Management and the Ivan Allen College were observed for more recent cohorts.
- Significant differences were observed less frequently by college of entry for six-year graduation rates as compared to four- and five-year graduation rates.
 - o Females graduated at significantly higher six-year rates for all cohorts studied.

- Six-year graduation rates were significantly different by ethnicity for all cohorts reported and were consistent with the patterns observed for four- and five-year graduation rates (see Table 9).
- o College of entry was significant for only one (2004) out of the seven cohorts examined (see Table 10).
- O The most recent five- (67.7%), and six-year (75.9%) graduation rates for Hispanic students were the lowest observed for this group in recent years. Although the six-year rates are on par with Institute averages, they represent a decline for the group.

Table 4. Graduation Rates Overall

| Freshma | n Cohort | Graduation | Rates (through Su | mmer term) |
|---------|----------|------------|-------------------|------------|
| Year | n | 4 Yrs | 5 Yrs | 6 Yrs |
| 1993 | 1955 | 20% | 56% | 69% |
| 1994 | 2012 | 18% | 57% | 69% |
| 1995 | 2120 | 21% | 57% | 68% |
| 1996 | 2120 | 23% | 59% | 68% |
| 1997 | 2069 | 24% | 60% | 69% |
| 1998 | 2087 | 26% | 62% | 72% |
| 1999 | 2298 | 29% | 68% | 76% |
| 2000 | 2243 | 34% | 69% | 77% |
| 2001 | 2225 | 33% | 69% | 78% |
| 2002 | 2277 | 31% | 70% | 77% |
| 2003 | 2225 | 31% | 71% | 79% |
| 2004 | 2575 | 33% | 72% | 80% |
| 2005 | 2419 | 31% | 72% | 79% |
| 2006 | 2838 | 34% | 72% | 79% |
| 2007 | 2624 | 41% | 76% | |
| 2008 | 2633 | 37% | | |

1994 1996 1998 2000 2002 2004 2006

60%

80%

40%

Chart 2. Freshman Cohort Graduation Rates

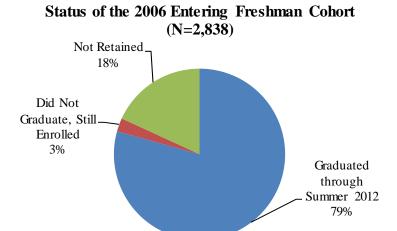
20%

0%

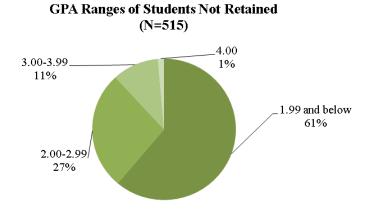
100%

Non-Retained Freshmen

In Fall 2006, one of Georgia Tech's largest freshman cohorts enrolled for classes with 2,838 students beginning their pursuit of a bachelor's degree. Of the 2,838 students in this cohort, 79% graduated within six years by the end of Summer 2012; 3% did not graduate but were still enrolled during Fall 2012; and 18% (515) left Georgia Tech. It should be noted that of the 515 students who left Georgia Tech without their bachelor's degree, 61% had a cumulative GPA of 1.99 or less while 39% had a cumulative GPA of 2.00 or greater.



Status of the 2006 Freshman Cohort



The group of 200 non-retained students with a cumulative GPA of 2.00 and above represents a tremendous opportunity for Georgia Tech to improve our retention and graduation rates as we can learn from their subsequent enrollment at other institutions of higher education. Using data from the National Student Clearinghouse, we analyzed the 515 students who were not retained from the Fall 2006 freshman class, including the 200 who had a cumulative GPA of at least a 2.00 and could have succeeded at Georgia Tech. Our findings are as follows:

- A total of 173 degrees were awarded to 171 former Georgia Tech students with 79% earning bachelor's degrees; 18% earning associate's degrees and 3% earning unspecified degrees. Within this group of degree recipients, 98 (57%) had a cumulative GPA of 2.00 or greater while they were enrolled at Georgia Tech.
- These 98 students earned 100 degrees with 91 bachelor's (91%); 8 associate's/certificates (8%); and one unspecified degree (1%). Sixty-six bachelor's degrees were awarded in disciplines available at Georgia Tech (73%) while the remaining 25 were awarded in disciplines not found at Georgia Tech (27%). The degrees awarded to this group that were most often available at Georgia Tech included Business Administration/Management, Computer Science, Biology and Psychology. A total of 11 engineering degrees were awarded outside of Georgia Tech including Mechanical, Chemical, Civil and Electrical Engineering and it is interesting to note that all of these degrees were awarded by institutions outside of Georgia. The most popular degrees for disciplines not offered at Georgia Tech included Education, English, Nursing, and Sociology.
- 72% of the students returned to their home state while 28% went outside of their home state to pursue their undergraduate degrees. Institutions awarding the most degrees to non-retained Georgia Tech students with a 2.00 GPA or greater include the University of Georgia, Georgia State University, Kennesaw State University, and the University of Maryland at College Park.
- If Georgia Tech had retained and graduated the 66 bachelor's recipients who received their degrees elsewhere even though the discipline was available at Georgia Tech, the six-year graduation rate for Georgia Tech would be 82% for the 2006 freshman cohort.

Appendix

Table 5. Retention Rates by Gender

| | Freshman (| Cohort | | Rete | ntion Rates (| to next Fall t | erm) | |
|------|------------|--------|--------|--------|---------------|----------------|--------|--------|
| Year | Gender | n | 2nd Yr | 3rd Yr | 4th Yr | 5th Yr | 6th Yr | 7th Yr |
| 2002 | Total | 2277 | 89.6% | *83.9% | *81.8% | *80.4% | *79.6% | *79.9% |
| | Female | 636 | 90.9% | 86.9% | 84.9% | 84.3% | 84.0% | 84.0% |
| | Male | 1641 | 89.1% | 82.7% | 80.6% | 78.9% | 78.0% | 78.3% |
| 2003 | Total | 2225 | *92.1% | *85.9% | *83.9% | *82.4% | *81.7% | *81.9% |
| | Female | 607 | 94.6% | 89.5% | 86.3% | 86.7% | 86.3% | 86.7% |
| | Male | 1618 | 91.2% | 84.5% | 82.9% | 80.8% | 80.0% | 80.1% |
| 2004 | Total | 2575 | *91.8% | *86.5% | *84.4% | *82.5% | *82.0% | *82.7% |
| | Female | 768 | 94.4% | 89.3% | 88.5% | 86.8% | 86.8% | 87.1% |
| | Male | 1807 | 90.7% | 85.3% | 82.7% | 80.7% | 79.9% | 80.8% |
| 2005 | Total | 2419 | *92.5% | *86.9% | *84.1% | *82.4% | *81.7% | *81.9% |
| | Female | 714 | 94.4% | 89.4% | 86.8% | 87.0% | 85.0% | 85.4% |
| | Male | 1705 | 91.8% | 85.9% | 83.0% | 80.4% | 80.3% | 80.5% |
| 2006 | Total | 2838 | *92.4% | *86.6% | *84.2% | *82.9% | *81.6% | 81.9% |
| | Female | 890 | 94.7% | 90.1% | 88.5% | 87.6% | 86.9% | 86.7% |
| | Male | 1948 | 91.4% | 85.0% | 82.2% | 80.7% | 79.3% | 79.7% |
| 2007 | Total | 2624 | 93.3% | 88.4% | *87.0% | *84.5% | *84.5% | |
| | Female | 854 | 94.4% | 89.9% | 89.0% | 86.9% | 87.0% | |
| | Male | 1770 | 92.8% | 87.6% | 86.0% | 83.4% | 83.4% | |
| 2008 | Total | 2633 | *93.0% | *87.8% | *85.9% | *84.8% | | |
| | Female | 838 | 94.9% | 90.1% | 89.0% | 88.1% | | |
| | Male | 1795 | 92.1% | 86.7% | 84.5% | 83.3% | | |
| 2009 | Total | 2655 | 94.2% | *89.6% | *88.2% | | | |
| | Female | 887 | 94.9% | 92.8% | 91.4% | | | |
| | Male | 1768 | 93.9% | 88.1% | 86.6% | | | |
| 2010 | Total | 2706 | 94.9% | *91.5% | | | | |
| | Female | 976 | 95.9% | 93.8% | | | | |
| | Male | 1730 | 94.3% | 90.2% | | | | |
| 2011 | Total | 2692 | 94.8% | | | | | |
| | Female | 1015 | 95.2% | | | | | |
| | Male | 1677 | 94.6% | | | | | |

^{*} Significant difference ($p \le 0.05$)

Table 6. Retention Rates by Ethnicity

| | Freshman Cohort | | | Rete | ntion Rates (| to next Fall t | term) | |
|------|--------------------------|------|--------|--------|---------------|----------------|--------|--------|
| Year | Ethnicity | n | 2nd Yr | 3rd Yr | 4th Yr | 5th Yr | 6th Yr | 7th Yr |
| 2002 | Total | 2277 | *89.6% | 83.9% | 81.8% | *80.4% | *79.7% | *79.9% |
| | Asian | 317 | 93.7% | 87.4% | 84.2% | 84.2% | 83.9% | 83.9% |
| | Black or African America | 120 | 88.3% | 79.2% | 73.3% | 70.0% | 67.5% | 69.2% |
| | Hispanic or Latino | 63 | 85.7% | 84.1% | 82.5% | 82.5% | 85.7% | 84.1% |
| | International | 92 | 90.2% | 85.9% | 82.6% | 84.8% | 84.8% | 82.6% |
| | Other ¹ | 27 | 92.3% | 80.8% | 80.8% | 73.1% | 69.2% | 73.1% |
| | White | 1658 | 89.0% | 83.5% | 81.9% | 80.3% | 79.4% | 79.7% |
| 2003 | Total | 2225 | 92.1% | 85.9% | 83.9% | *82.4% | *81.7% | *81.9% |
| | Asian | 317 | 92.7% | 86.4% | 81.4% | 82.6% | 80.1% | 80.4% |
| | Black or African America | 118 | 94.1% | 84.7% | 83.9% | 72.0% | 72.9% | 72.9% |
| | Hispanic or Latino | 62 | 100.0% | 91.9% | 91.9% | 87.1% | 85.5% | 83.9% |
| | International | 107 | 95.3% | 93.5% | 91.6% | 86.9% | 87.9% | 88.8% |
| | Other ¹ | 44 | 95.5% | 88.6% | 77.3% | 79.5% | 81.8% | 81.8% |
| | White | 1577 | 91.2% | 85.0% | 83.7% | 82.7% | 82.1% | 82.3% |
| 2004 | Total | 2575 | *91.8% | *86.5% | *84.4% | 82.5% | 82.0% | 82.7% |
| | Asian | 379 | 94.2% | 90.5% | 87.1% | 85.0% | 83.4% | 83.6% |
| | Black or African America | 145 | 93.8% | 86.9% | 83.4% | 79.3% | 75.9% | 76.6% |
| | Hispanic or Latino | 104 | 94.2% | 90.4% | 87.5% | 84.6% | 84.6% | 85.6% |
| | International | 103 | 96.1% | 95.1% | 94.1% | 91.2% | 89.2% | 91.2% |
| | Other ¹ | 56 | 91.1% | 85.7% | 87.5% | 85.7% | 89.3% | 87.5% |
| | White | 1788 | 90.8% | 84.9% | 83.1% | 81.5% | 81.4% | 82.2% |
| 2005 | Total | 2419 | *92.5% | *86.9% | *84.1% | *82.4% | *81.7% | *81.9% |
| | Asian | 313 | 95.5% | 89.5% | 87.2% | 85.9% | 85.3% | 85.6% |
| | Black or African America | 143 | 93.7% | 84.6% | 76.2% | 69.9% | 63.6% | 63.6% |
| | Hispanic or Latino | 110 | 93.6% | 91.7% | 88.1% | 84.4% | 83.5% | 82.6% |
| | International | 73 | 94.5% | 87.7% | 82.2% | 84.9% | 86.3% | 83.6% |
| | Other ¹ | 79 | 97.5% | 96.2% | 93.7% | 88.6% | 88.6% | 88.6% |
| | White | 1701 | 91.5% | 85.9% | 83.6% | 82.2% | 81.9% | 82.4% |
| 2006 | Total | 2838 | 92.4% | 86.6% | 84.2% | *82.9% | *81.6% | *81.9% |
| | Asian | 442 | 93.2% | 89.1% | 87.3% | 88.0% | 85.3% | 85.3% |
| | Black or African America | 151 | 89.4% | 82.1% | 78.8% | 70.9% | 72.2% | 71.5% |
| | Hispanic or Latino | 133 | 94.7% | 85.0% | 82.0% | 82.7% | 78.9% | 79.7% |
| | International | 111 | 91.9% | 90.1% | 85.6% | 86.5% | 85.6% | 84.7% |
| | Other ¹ | 89 | 93.3% | 88.8% | 87.6% | 88.8% | 84.3% | 86.5% |
| | White | 1912 | 92.3% | 86.2% | 83.8% | 82.2% | 81.4% | 81.7% |
| 2007 | Total | 2624 | 93.3% | 88.4% | 87.0% | 84.5% | 84.5% | |
| | Asian | 435 | 94.7% | 90.8% | 90.3% | 85.5% | 87.3% | |
| | Black or African America | 117 | 94.0% | 88.9% | 84.6% | 76.9% | 80.3% | |
| | Hispanic or Latino | 132 | 91.7% | 85.6% | 84.1% | 79.5% | 77.3% | |
| | International | 160 | 93.7% | 89.3% | 86.8% | 85.5% | 84.9% | |
| | Other ¹ | 78 | 94.8% | 90.9% | 85.7% | 83.1% | 80.5% | |
| | White | 1702 | 92.9% | 87.7% | 86.6% | 85.2% | 84.8% | |

Table 6. Retention Rates by Ethnicity'*eqpvlpwgf +

| | Freshman Cohort | | | Rete | ntion Rates (| to next Fall t | term) | |
|------|--------------------------|------|--------|--------|---------------|----------------|--------|--------|
| Year | Ethnicity | n | 2nd Yr | 3rd Yr | 4th Yr | 5th Yr | 6th Yr | 7th Yr |
| 2008 | Total | 2633 | 93.0% | 87.8% | 85.9% | 84.8% | | |
| | Asian | 466 | 95.3% | 91.0% | 88.2% | 87.6% | | |
| | Black or African America | 128 | 91.4% | 88.3% | 88.3% | 84.4% | | |
| | Hispanic or Latino | 117 | 90.6% | 87.2% | 82.9% | 84.6% | | |
| | International | 175 | 92.6% | 82.3% | 83.4% | 85.1% | | |
| | Other | 73 | 87.7% | 80.8% | 79.5% | 76.7% | | |
| | White | 1674 | 92.9% | 87.8% | 85.9% | 84.5% | | |
| 2009 | Total | 2655 | *94.2% | *89.6% | *88.2% | | | |
| | Asian | 496 | 96.6% | 94.8% | 94.2% | | | |
| | Black or African America | 117 | 94.9% | 90.6% | 87.2% | | | |
| | Hispanic or Latino | 94 | 93.6% | 87.2% | 84.0% | | | |
| | International | 306 | 88.9% | 81.0% | 82.6% | | | |
| | Other ¹ | 84 | 92.9% | 89.3% | 88.1% | | | |
| | White | 1558 | 94.6% | 89.8% | 87.7% | | | |
| 2010 | Total | 2706 | 94.9% | *91.5% | | | | |
| | Asian | 440 | 95.7% | 93.2% | | | | |
| | Black or African America | 145 | 92.4% | 93.8% | | | | |
| | Hispanic or Latino | 166 | 95.2% | 94.0% | | | | |
| | International | 221 | 91.4% | 83.3% | | | | |
| | Other | 109 | 92.7% | 84.4% | | | | |
| | White | 1625 | 95.4% | 92.2% | | | | |
| 2011 | Total | 2692 | *94.8% | | | | | |
| | Asian | 444 | 97.3% | | | | | |
| | Black or African America | 166 | 93.4% | | | | | |
| | Hispanic or Latino | 159 | 95.6% | | | | | |
| | International | 237 | 91.6% | | | | | |
| | Other ¹ | 110 | 92.7% | | | | | |
| | White | 1576 | 94.9% | | | | | |

^{*} Significant difference (p \leq 0.05), when Other category is excluded.

¹ Other includes: American Indian or Alaskan Native, Native Hawaiian or Other Pacific Islander, Unknown and Two or More Races

 $^{^{2}\,\}mathrm{Ethnicity}$ categories combined when populations totaled less than five.

Table 7. Retention Rates by College

| | Freshman Cohort | | | Rete | ntion Rates (| to next Fall t | erm) | |
|------|-------------------------|------|--------|--------|---------------|----------------|--------|--------|
| Year | Entering College | n | 2nd Yr | 3rd Yr | 4th Yr | 5th Yr | 6th Yr | 7th Yr |
| 2002 | Total | 2277 | 89.6% | 83.9% | 81.8% | 80.4% | 79.7% | 79.9% |
| | Architecture | 111 | 87.4% | 83.8% | 82.9% | 81.1% | 82.0% | 81.1% |
| | Computing | 253 | 91.3% | 85.7% | 82.9% | 79.0% | 78.2% | 78.2% |
| | Engineering | 1426 | 90.0% | 83.8% | 82.2% | 81.1% | 80.3% | 80.7% |
| | Ivan Allen | 144 | 86.1% | 81.3% | 78.5% | 79.9% | 78.5% | 79.9% |
| | Management | 124 | 87.1% | 82.3% | 77.4% | 75.0% | 75.0% | 75.8% |
| | Registrar | 10 | 100.0% | 100.0% | 90.0% | 90.0% | 90.0% | 90.0% |
| | Sciences | 209 | 90.0% | 84.7% | 81.8% | 80.4% | 79.4% | 78.0% |
| 2003 | Total | 2225 | 92.1% | 85.9% | 83.9% | 82.4% | 81.7% | 81.9% |
| | Architecture | 124 | 93.5% | 90.3% | 87.1% | 87.9% | 87.9% | 87.1% |
| | Computing | 193 | 94.8% | 87.0% | 82.4% | 77.2% | 78.8% | 78.8% |
| | Engineering | 1439 | 91.7% | 85.1% | 83.9% | 82.7% | 81.7% | 81.7% |
| | Ivan Allen | 112 | 91.1% | 87.5% | 83.9% | 84.8% | 85.7% | 85.7% |
| | Management | 123 | 93.5% | 90.2% | 85.4% | 82.9% | 78.9% | 80.5% |
| | Registrar | 7 | 85.7% | 85.7% | 85.7% | 85.7% | 85.7% | 85.7% |
| | Sciences | 227 | 92.0% | 84.5% | 81.9% | 80.5% | 80.5% | 81.4% |
| 2004 | Total | 2575 | *91.8% | *86.5% | *84.4% | *82.5% | 82.0% | *82.7% |
| | Architecture | 178 | 88.8% | 80.3% | 78.1% | 75.8% | 76.4% | 77.0% |
| | Computing | 185 | 87.5% | 81.5% | 79.9% | 78.8% | 78.3% | 78.8% |
| | Engineering | 1658 | 91.8% | 86.5% | 84.4% | 82.8% | 82.0% | 82.7% |
| | Ivan Allen | 121 | 92.6% | 89.3% | 85.1% | 81.0% | 81.0% | 81.8% |
| | Management | 157 | 94.3% | 93.0% | 89.8% | 86.0% | 87.3% | 89.2% |
| | Sciences | 276 | 95.3% | 88.7% | 88.3% | 86.1% | 85.4% | 85.8% |
| 2005 | Total | 2419 | 92.5% | 86.9% | 84.1% | 82.4% | 81.7% | 81.9% |
| | Architecture | 145 | 89.0% | 88.3% | 84.8% | 84.1% | 80.7% | 82.1% |
| | Computing | 158 | 90.5% | 83.5% | 82.3% | 77.8% | 77.2% | 75.9% |
| | Engineering | 1524 | 92.8% | 87.1% | 84.2% | 82.4% | 82.2% | 82.4% |
| | Ivan Allen | 173 | 97.1% | 88.4% | 87.3% | 85.0% | 85.5% | 86.1% |
| | Management | 163 | 91.4% | 87.7% | 80.9% | 84.6% | 80.9% | 80.2% |
| | Sciences | 256 | 91.8% | 85.5% | 84.0% | 80.9% | 80.1% | 81.3% |
| 2006 | Total | 2838 | 92.4% | 86.6% | 84.2% | 82.9% | 81.6% | 81.9% |
| | Architecture | 174 | 94.8% | 88.5% | 88.5% | 86.2% | 85.1% | 85.1% |
| | Computing | 231 | 92.6% | 84.4% | 83.1% | 79.2% | 78.4% | 79.2% |
| | Engineering | 1760 | 93.1% | 87.3% | 84.5% | 83.6% | 82.1% | 82.3% |
| | Ivan Allen | 184 | 91.8% | 86.4% | 85.9% | 84.8% | 82.1% | 82.6% |
| | Management | 171 | 90.6% | 85.4% | 82.5% | 80.7% | 82.5% | 83.0% |
| | Sciences | 318 | 88.7% | 84.3% | 80.8% | 79.6% | 78.6% | 78.6% |

Table 7. Retention Rates by College'seqpvlpwgf +

| | Freshman Cohort | | | Rete | ntion Rates (| to next Fall t | erm) | |
|------|-------------------------|------|--------|--------|---------------|----------------|--------|--------|
| Year | Entering College | n | 2nd Yr | 3rd Yr | 4th Yr | 5th Yr | 6th Yr | 7th Yr |
| 2007 | Total | 2624 | 93.3% | *88.4% | 87.0% | *84.5% | *84.5% | |
| | Architecture | 144 | 89.6% | 86.8% | 86.1% | 85.4% | 84.0% | |
| | Computing | 164 | 93.9% | 89.6% | 87.8% | 81.1% | 81.7% | |
| | Engineering | 1660 | 93.4% | 88.5% | 87.7% | 85.6% | 85.0% | |
| | Ivan Allen | 169 | 92.9% | 82.2% | 79.9% | 76.9% | 76.9% | |
| | Management | 198 | 97.5% | 95.5% | 89.9% | 87.9% | 89.4% | |
| | Sciences | 289 | 91.3% | 86.5% | 85.1% | 82.4% | 85.1% | |
| 2008 | Total | 2633 | 93.0% | 87.8% | 85.9% | 84.8% | | |
| | Architecture | 128 | 93.0% | 86.7% | 86.7% | 84.4% | | |
| | Computing | 172 | 93.6% | 85.5% | 84.3% | 82.6% | | |
| | Engineering | 1686 | 93.2% | 88.6% | 86.7% | 85.9% | | |
| | Ivan Allen | 199 | 93.5% | 85.4% | 83.9% | 83.4% | | |
| | Management | 170 | 92.9% | 87.1% | 85.3% | 83.5% | | |
| | Sciences | 278 | 90.6% | 86.7% | 84.2% | 82.0% | | |
| 2009 | Total | 2655 | 94.2% | 89.6% | 88.2% | | | |
| | Architecture | 122 | 92.6% | 86.9% | 86.1% | | | |
| | Computing | 163 | 94.5% | 86.5% | 87.7% | | | |
| | Engineering | 1760 | 94.4% | 89.8% | 88.8% | | | |
| | Ivan Allen | 157 | 91.7% | 88.5% | 87.9% | | | |
| | Management | 166 | 96.4% | 93.4% | 91.0% | | | |
| | Sciences | 287 | 93.7% | 89.9% | 84.3% | | | |
| 2010 | Total | 2706 | 94.9% | 91.5% | | | | |
| | Architecture | 91 | 95.6% | 92.3% | | | | |
| | Computing | 172 | 94.8% | 91.3% | | | | |
| | Engineering | 1799 | 95.1% | 91.7% | | | | |
| | Ivan Allen | 150 | 96.0% | 90.0% | | | | |
| | Management | 178 | 93.8% | 92.1% | | | | |
| | Sciences | 316 | 93.4% | 90.5% | | | | |
| 2011 | Total | 2692 | 94.8% | | | | | |
| | Architecture | 92 | 93.5% | | | | | |
| | Computing | 172 | 94.8% | | | | | |
| | Engineering | 1832 | 95.0% | | | | | |
| | Ivan Allen | 127 | 94.5% | | | | | |
| | Management | 170 | 97.1% | | | | | |
| | Sciences | 299 | 93.0% | | | | | |

^{*}Significant difference ($p \le 0.05$)

Table 8. Graduation Rates by Gender

| | Freshman Cohor | t | Graduation 1 | Rates (through Su | ımmer term) |
|------|----------------|------|--------------|-------------------|-------------|
| Year | Gender | n | 4 Yrs | 5 Yrs | 6 Yrs |
| 1999 | Total | 2298 | *28.6% | *67.5% | *75.9% |
| | Female | 655 | 34.5% | 77.7% | 84.1% |
| | Male | 1643 | 26.3% | 63.5% | 72.7% |
| 2000 | Total | 2243 | *33.9% | *68.6% | *76.9% |
| | Female | 641 | 45.2% | 76.4% | 81.7% |
| | Male | 1602 | 29.3% | 65.4% | 75.0% |
| 2001 | Total | 2225 | *33.1% | *69.3% | *77.6% |
| | Female | 635 | 46.5% | 80.5% | 83.8% |
| | Male | 1590 | 27.7% | 64.8% | 75.2% |
| 2002 | Total | 2277 | *31.2% | *69.7% | *77.2% |
| | Female | 636 | 41.8% | 78.9% | 82.7% |
| | Male | 1641 | 27.1% | 66.1% | 75.0% |
| 2003 | Total | 2225 | *30.7% | *70.9% | *79.1% |
| | Female | 607 | 42.2% | 80.4% | 85.2% |
| | Male | 1618 | 26.4% | 67.4% | 76.9% |
| 2004 | Total | 2575 | *32.8% | *72.2% | *79.7% |
| | Female | 768 | 43.1% | 79.8% | 84.5% |
| | Male | 1807 | 28.4% | 68.9% | 77.6% |
| 2005 | Total | 2419 | *31.3% | *72.3% | *78.8% |
| | Female | 714 | 45.5% | 80.0% | 84.0% |
| | Male | 1705 | 25.3% | 69.0% | 76.6% |
| 2006 | Total | 2838 | *33.6% | *72.3% | *79.3% |
| | Female | 890 | 45.5% | 81.1% | 85.2% |
| | Male | 1948 | 28.1% | 68.2% | 76.6% |
| 2007 | Total | 2624 | *40.9% | *76.3% | |
| | Female | 854 | 50.0% | 82.4% | |
| | Male | 1770 | 36.4% | 73.3% | |
| 2008 | Total | 2633 | *37.0% | | |
| | Female | 838 | 44.2% | | |
| | Male | 1795 | 33.6% | | |

^{*} Significant difference (p \leq 0.05)

Table 9. Graduation Rates by Ethnicity

| | Freshman Cohort | | Graduation 1 | Rates (through S | ummer term) |
|------|---------------------------|------|---------------------|------------------|-------------|
| Year | Ethnicity | n | 4 Yrs | 5 Yrs | 6 Yrs |
| 1999 | Total | 2298 | *28.6% | *67.5% | *75.9% |
| | Asian | 308 | 36.0% | 71.1% | 79.9% |
| | Black or African American | 136 | 10.3% | 44.1% | 61.8% |
| | Hispanic or Latino | 46 | 28.3% | 63.0% | 71.7% |
| | International | 76 | 55.3% | 85.5% | 86.8% |
| | Other ¹ | 46 | 39.1% | 67.4% | 76.1% |
| | White | 1686 | 27.2% | 68.1% | 76.0% |
| 2000 | Total | 2243 | *33.9% | *68.6% | *76.9% |
| | Asian | 295 | 45.4% | 73.6% | 80.7% |
| | Black or African American | 124 | 25.0% | 55.6% | 66.9% |
| | Hispanic or Latino | 63 | 28.6% | 73.0% | 74.6% |
| | International | 102 | 67.6% | 79.4% | 84.3% |
| | Other ¹ | 29 | 34.5% | 69.0% | 69.0% |
| | White | 1630 | 30.6% | 67.8% | 76.7% |
| 2001 | Total | 2225 | *33.1% | *69.3% | *77.6% |
| | Asian | 349 | 44.1% | 71.3% | 77.7% |
| | Black or African American | 110 | 23.6% | 61.8% | 68.2% |
| | Hispanic or Latino | 47 | 29.8% | 76.6% | 85.1% |
| | International | 80 | 63.8% | 81.3% | 85.0% |
| | Other ¹ | 19 | 47.4% | 84.2% | 89.5% |
| | White | 1620 | 29.8% | 68.3% | 77.5% |
| 2002 | Total | 2277 | *31.2% | *69.7% | *77.2% |
| | Asian | 317 | 37.9% | 75.4% | 81.1% |
| | Black or African American | 120 | 17.5% | 54.2% | 63.3% |
| | Hispanic or Latino | 63 | 39.7% | 76.2% | 82.5% |
| | International | 92 | 55.4% | 77.2% | 82.6% |
| | Other ¹ | 27 | 18.5% | 59.3% | 63.0% |
| | White | 1658 | 29.5% | 69.2% | 77.1% |
| 2003 | Total | 2225 | *30.7% | *70.9% | *79.1% |
| | Asian | 317 | 37.9% | 72.2% | 77.9% |
| | Black or African American | 118 | 14.4% | 56.8% | 70.3% |
| | Hispanic or Latino | 62 | 16.1% | 72.6% | 83.9% |
| | International | 107 | 55.1% | 85.0% | 86.9% |
| | Other ¹ | 44 | 27.3% | 65.9% | 79.5% |
| | White | 1577 | 29.5% | 70.8% | 79.3% |

Table 9. Graduation Rates by Ethnicity (continued)

| | Freshman Cohort | | Graduation 1 | Rates (through S | ummer term) |
|------|---------------------------|------|--------------|------------------|-------------|
| Year | Ethnicity | n | 4 Yrs | 5 Yrs | 6 Yrs |
| 2004 | Total | 2575 | *32.8% | *72.2% | *79.7% |
| | Asian | 379 | 36.9% | 74.9% | 81.5% |
| | Black or African American | 145 | 22.8% | 64.1% | 74.5% |
| | Hispanic or Latino | 104 | 34.6% | 75.0% | 83.7% |
| | International | 103 | 47.6% | 84.5% | 88.3% |
| | Other ¹ | 56 | 25.0% | 69.6% | 80.4% |
| | White | 1788 | 32.0% | 71.4% | 78.9% |
| 2005 | Total | 2419 | *31.3% | *72.3% | *78.8% |
| | Asian | 313 | 40.9% | 77.0% | 82.4% |
| | Black or African American | 143 | 14.7% | 52.4% | 60.8% |
| | Hispanic or Latino | 110 | 30.9% | 72.7% | 79.1% |
| | International | 73 | 43.8% | 74.0% | 80.8% |
| | Other ¹ | 79 | 29.1% | 74.7% | 84.8% |
| | White | 1701 | 30.5% | 72.8% | 79.2% |
| 2006 | Total | 2838 | *33.6% | *72.3% | *79.3% |
| | Asian | 442 | 39.6% | 75.3% | 83.3% |
| | Black or African American | 151 | 19.2% | 60.3% | 68.2% |
| | Hispanic or Latino | 133 | 33.8% | 71.4% | 75.9% |
| | International | 111 | 45.9% | 79.3% | 82.0% |
| | Other ¹ | 89 | 37.1% | 69.7% | 78.7% |
| | White | 1912 | 32.4% | 72.3% | 79.4% |
| 2007 | Total | 2624 | *40.9% | *76.3% | |
| | Asian | 435 | 46.7% | 80.5% | |
| | Black or African American | 117 | 30.8% | 66.7% | |
| | Hispanic or Latino | 132 | 29.5% | 66.7% | |
| | International | 160 | 47.5% | 75.0% | |
| | Other ¹ | 78 | 44.9% | 73.1% | |
| | White | 1702 | 40.1% | 76.9% | |
| 2008 | Total | 2633 | *37.0% | | |
| | Asian | 466 | 41.8% | | |
| | Black or African American | 128 | 34.4% | | |
| | Hispanic or Latino | 117 | 30.8% | | |
| | International | 175 | 49.1% | | |
| | Other ¹ | 73 | 38.4% | | |
| | White | 1674 | 34.9% | | |

^{*} Significant difference (p \leq 0.05), when Other category is excluded.

¹ Other includes: American Indian or Alaskan Native, Native Hawaiian or Other Pacific Islander, Unknown and Two or More Races

² Ethnicity categories combined when populations totaled less than five.

Table 10. Graduation Rates by College

| | Freshman Coho | :t | Graduation Rates (through Summer term) | | |
|------|---------------|------|--|--------|--------|
| Year | College | n | 4 Yrs | 5 Yrs | 6 Yrs |
| 1999 | Total | 2298 | *28.6% | *67.5% | 75.9% |
| | Architecture | 108 | 45.4% | 73.1% | 77.8% |
| | Computing | 353 | 33.1% | 64.0% | 75.1% |
| | Engineering | 1356 | 23.5% | 66.2% | 75.7% |
| | Ivan Allen | 97 | 46.4% | 75.3% | 79.4% |
| | Management | 128 | 24.2% | 68.0% | 71.9% |
| | Sciences | 256 | 37.5% | 74.2% | 78.5% |
| 2000 | Total | 2243 | *33.9% | 68.6% | 76.9% |
| | Architecture | 117 | 44.4% | 75.2% | 82.1% |
| | Computing | 376 | 33.2% | 66.8% | 76.1% |
| | Engineering | 1309 | 29.2% | 67.9% | 77.2% |
| | Ivan Allen | 99 | 50.5% | 74.7% | 78.8% |
| | Management | 106 | 43.4% | 67.0% | 71.7% |
| | Registrar | 5 | 60.0% | 60.0% | 80.0% |
| | Sciences | 231 | 44.2% | 70.1% | 75.3% |
| 2001 | Total | 2225 | *33.5% | *69.3% | 77.6% |
| | Architecture | 96 | 46.9% | 84.4% | 85.4% |
| | Computing | 335 | 34.0% | 66.6% | 77.9% |
| | Engineering | 1289 | 27.2% | 67.9% | 77.9% |
| | Ivan Allen | 137 | 54.7% | 75.9% | 79.6% |
| | Management | 137 | 46.0% | 69.3% | 72.3% |
| | Registrar | 5 | 60.0% | 80.0% | 100.0% |
| | Sciences | 226 | 42.5% | 70.4% | 73.9% |
| 2002 | Total | 2277 | *31.2% | *69.7% | 77.2% |
| | Architecture | 111 | 42.3% | 77.5% | 79.3% |
| | Computing | 253 | 25.3% | 60.5% | 75.1% |
| | Engineering | 1426 | 27.8% | 70.0% | 78.1% |
| | Ivan Allen | 144 | 45.1% | 73.6% | 77.1% |
| | Management | 124 | 36.3% | 67.7% | 72.6% |
| | Registrar | 10 | 50.0% | 80.0% | 80.0% |
| | Sciences | 209 | 42.1% | 72.7% | 75.1% |
| 2003 | Total | 2225 | *30.7% | *70.9% | 79.1% |
| | Architecture | 124 | 41.1% | 81.5% | 83.1% |
| | Computing | 193 | 28.5% | 65.3% | 75.1% |
| | Engineering | 1439 | 25.6% | 69.8% | 79.6% |
| | Ivan Allen | 112 | 45.5% | 77.7% | 79.5% |
| | Management | 123 | 46.3% | 74.8% | 78.0% |
| | Registrar | 7 | 57.1% | 71.4% | 85.7% |
| | Sciences | 227 | 42.3% | 71.8% | 78.0% |

Table 10. Graduation Rates by College (continued)

| Freshman Cohort | | | Graduation Rates (through Summer term) | | |
|-----------------|--------------|------|--|--------|--------|
| Year | College | n | 4 Yrs | 5 Yrs | 6 Yrs |
| 2004 | Total | 2575 | *32.8% | *72.2% | *79.7% |
| | Architecture | 178 | 34.3% | 71.3% | 74.7% |
| | Computing | 185 | 29.7% | 66.5% | 73.0% |
| | Engineering | 1658 | 28.5% | 70.6% | 79.9% |
| | Ivan Allen | 121 | 39.7% | 76.0% | 81.0% |
| | Management | 157 | 43.3% | 82.8% | 84.7% |
| | Sciences | 276 | 51.1% | 77.9% | 82.2% |
| 2005 | Total | 2419 | *31.3% | 72.3% | 78.8% |
| | Architecture | 145 | 48.3% | 75.2% | 78.6% |
| | Computing | 158 | 22.8% | 63.3% | 72.2% |
| | Engineering | 1524 | 27.0% | 72.1% | 79.1% |
| | Ivan Allen | 173 | 44.5% | 76.3% | 83.8% |
| | Management | 163 | 30.7% | 74.8% | 76.7% |
| | Sciences | 256 | 43.8% | 72.7% | 78.9% |
| 2006 | Total | 2838 | *33.6% | 72.3% | 79.3% |
| | Architecture | 174 | 38.5% | 77.6% | 83.3% |
| | Computing | 231 | 30.7% | 69.7% | 76.2% |
| | Engineering | 1760 | 28.9% | 71.3% | 79.6% |
| | Ivan Allen | 184 | 47.8% | 76.6% | 81.0% |
| | Management | 171 | 45.0% | 77.8% | 81.9% |
| | Sciences | 318 | 44.3% | 71.4% | 75.5% |
| 2007 | Total | 2624 | *40.9% | 76.3% | |
| | Architecture | 144 | 47.2% | 76.4% | |
| | Computing | 164 | 46.3% | 74.4% | |
| | Engineering | 1660 | 36.6% | 75.9% | |
| | Ivan Allen | 169 | 50.3% | 72.8% | |
| | Management | 198 | 50.0% | 82.3% | |
| | Sciences | 289 | 47.1% | 77.5% | |
| 2008 | Total | 2633 | *37.0% | | |
| | Architecture | 128 | 51.6% | | |
| | Computing | 172 | 42.4% | | |
| | Engineering | 1686 | 32.2% | | |
| | Ivan Allen | 199 | 47.2% | | |
| | Management | 170 | 39.4% | | |
| | Sciences | 278 | 47.1% | | |

^{*} Significant difference (p \leq 0.05)