



Research



Trends in Academic Success Rates and Federal Graduation Rates at NCAA Division II Institutions

NCAA Research Staff – November 2018

Federal Graduation Rate (FGR)

- ▶ Includes only students who enrolled full time for the first time in the first term of the requested academic year.
- ▶ Student-athletes must have received an athletics grant-in-aid of any amount during that year (i.e., first-term scholarship freshmen).
- ▶ Must include even if the student-athlete quit the team at any point.
- ▶ Graduation status recorded six years after enrollment.
- ▶ Those who leave school in good academic standing are counted as nongraduates.

Academic Success Rate (ASR)

- ▶ Graduation metric developed by NCAA.
- ▶ Calculated for student-athletes only.
- ▶ Considered more accurate than FGR because it includes federal cohort and:
 - ▶ Transfers into institution;
 - ▶ Mid-year enrollees;
 - ▶ Non-scholarship freshmen.
- ▶ Removes student-athletes who leave institution while eligible to compete.
- ▶ Graduation status recorded six years after initial collegiate enrollment.

Rate Calculations

Federal

- First-time fall freshmen (on athletics aid)



$$\frac{\text{Graduates}}{\text{Cohort} - \text{Exclusions}^*}$$

ASR

- First-time fall freshmen on athletics aid
- *Transfers*
- *Mid-year enrollees*
- *Non-scholarship SAs*



$$\frac{\text{Graduates}}{\text{Cohort} - \text{Exclusions}^* - \text{Left Eligible}}$$

* Exclusions include death, permanent disability, church mission, and military or foreign service.

Note: Both rates use six-year window from initial collegiate enrollment.

Comparison of ASR and Federal Grad Rate Cohorts

(2008-2011 Entering Classes)

| | Federal Rate | ASR |
|--|--------------|----------------|
| Enrolled (Under Federal Definition) | 68,763 | 68,763 |
| Enrolled as Frosh in January | 0 | 1,259 |
| Two-Year College Transfers | 0 | 17,327 |
| Four-Year College Transfers | 0 | 13,540 |
| Non-Scholarship Athletes | 0 | 35,267 |
| Total Enrolled | 68,763 | 136,156 (+98%) |
| Allowable Exclusions (Death, Military, ChurchMission, etc.) | 165 | 323 |
| Left Eligible | 0 | 33,176 |
| Participants on Teams No Longer Sponsored by Institution (non-Fed.) | 0 | 1,313 |
| Total Denominator | 68,598 | 101,344 (+48%) |

Average Division II Federal Rates vs. ASRs, 2015-18 Four-Year Rate (2008-11 Entering Cohorts)

| | Student Body | Student-Athlete | |
|------------------------|--------------|-----------------|---------------|
| | Federal Rate | Federal Rate | ASR |
| Div. II Overall | 49% | 56% +1 | 73% +1 |
| Div. II Men | 45% | 49% +1 | 64% |
| Div. II Women | 53% | 66% +1 | 86% +1 |

Note: Numbers in **red** are percentage changes from 2014-17

Average Division II Federal Rates vs. ASRs, 2018 Single-Year Rate (2011 Entering Cohort)

| | Student Body | Student-Athlete | |
|------------------------|---------------|-----------------|---------------|
| | Federal Rate | Federal Rate | ASR |
| Div. II Overall | 50% | 57% +1 | 74% +2 |
| Div. II Men | 46% +1 | 50% +1 | 66% +2 |
| Div. II Women | 53% | 67% +2 | 87% +2 |

Note: Numbers in **red** are percentage changes from 2017

Trends in Academic Success Rates

Notes About ASR Trends

- ▶ The 2013 reporting cycle (five years ago) was the first year FGR/ASR data could be imported from the Division II Academic Tracking System (ATS).
- ▶ These were data for the 2006 cohort.
- ▶ Under this process, student-athletes who were not marked as graduates in the ATS were imported as non-graduates; user action was required to change this.
- ▶ Records imported from the ATS were much more likely to count as non-graduates and less likely to be marked as 'left eligible' than records entered via other methods.
- ▶ It is very likely that ASRs were artificially low in 2013 (2006 cohort) due to lack of understanding about the new process.

ASR Trends for Division II Men's Sports

Four-Class Averages by Reporting Year*

| SPORT | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2018 N |
|---------------------|------|------|------|------|------|------|------|------|------|------|--------|
| Baseball | 68% | 69% | 70% | 69% | 69% | 70% | 70% | 71% | 72% | 73% | 11,326 |
| Basketball | 58% | 59% | 60% | 58% | 58% | 58% | 58% | 58% | 59% | 59% | 6,202 |
| Cross Country/Track | 71% | 72% | 72% | 72% | 70% | 70% | 70% | 71% | 72% | 72% | 7,366 |
| Fencing | 77% | 71% | 76% | 71% | 85% | 100% | 97% | 90% | 88% | 79% | 34 |
| Football | 53% | 54% | 54% | 54% | 53% | 53% | 53% | 51% | 51% | 51% | 20,745 |
| Golf | 70% | 72% | 74% | 73% | 73% | 74% | 75% | 76% | 77% | 78% | 2,379 |
| Ice Hockey | 75% | 78% | 78% | 77% | 77% | 79% | 81% | 83% | 85% | 84% | 410 |
| Lacrosse | 75% | 77% | 76% | 76% | 74% | 74% | 74% | 70% | 71% | 70% | 1,859 |
| Rifle (Mixed M/W) | 88% | 100% | 88% | 82% | 83% | 83% | 83% | 78% | 71% | 63% | 27 |
| Skiing | 85% | 88% | 87% | 86% | 88% | 89% | 89% | 93% | 92% | 95% | 37 |
| Soccer | 68% | 70% | 71% | 72% | 72% | 72% | 71% | 72% | 73% | 72% | 6,313 |
| Swimming | 76% | 74% | 76% | 75% | 75% | 77% | 77% | 77% | 78% | 78% | 1,401 |
| Tennis | 77% | 79% | 79% | 78% | 78% | 79% | 81% | 81% | 82% | 82% | 1,617 |
| Volleyball | 68% | 66% | 71% | 72% | 71% | 70% | 70% | 71% | 76% | 75% | 217 |
| Water Polo | 72% | 78% | 77% | 77% | 80% | 75% | 80% | 79% | 76% | 75% | 120 |
| Wrestling | 58% | 57% | 60% | 57% | 54% | 55% | 54% | 54% | 55% | 54% | 1,917 |

* 2018 reporting year represents 2008-11 cohorts; 2017 represents 2007-10 cohorts, etc.

ASR Trends for Division II Women's Sports

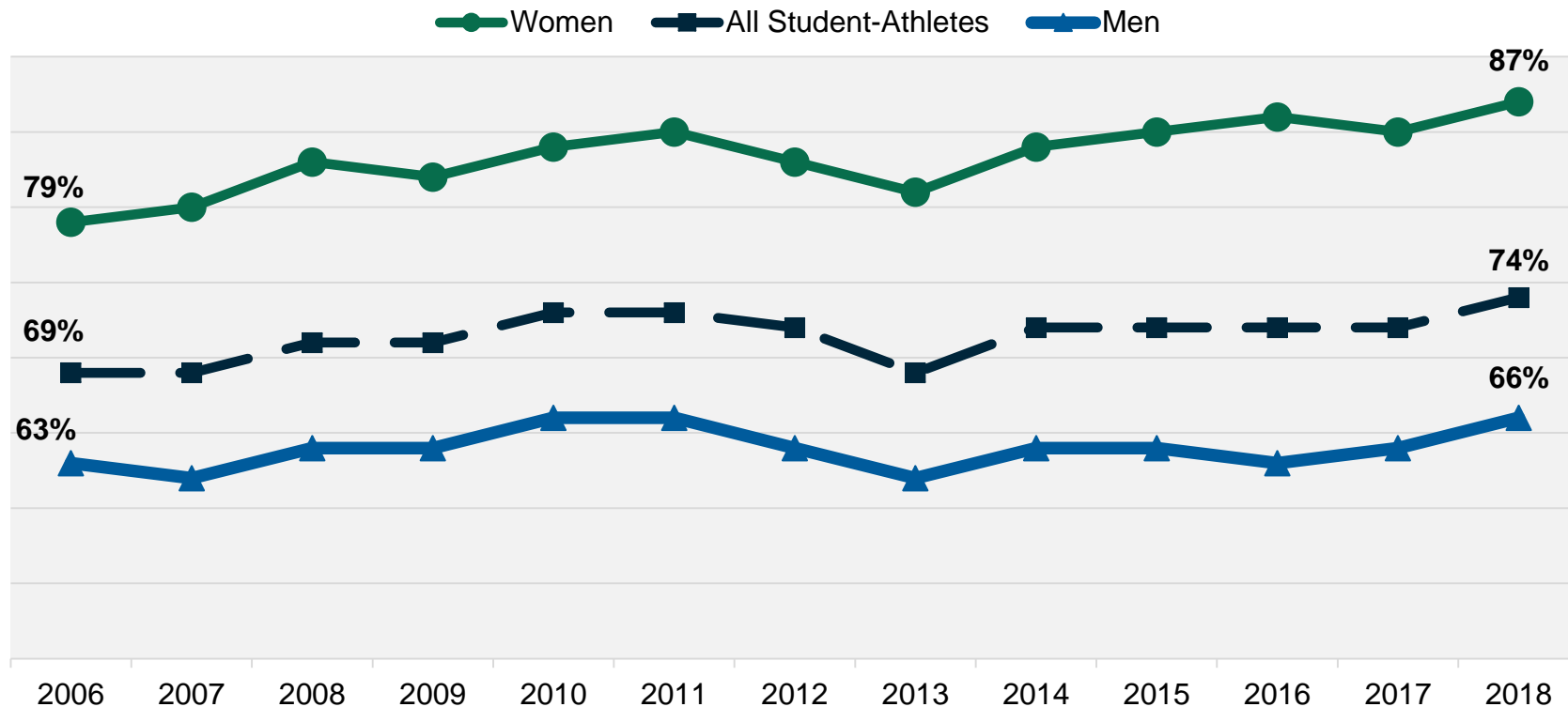
Four-Class Averages by Reporting Year*

| SPORT | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2018 N |
|---------------------|------|------|------|------|------|------|------|------|------|------|--------|
| Basketball | 75% | 77% | 79% | 79% | 78% | 78% | 77% | 78% | 79% | 80% | 5,478 |
| Bowling | 63% | 91% | 88% | 85% | 79% | 79% | 82% | 79% | 82% | 83% | 156 |
| Crew | 87% | 88% | 89% | 89% | 89% | 88% | 88% | 89% | 89% | 90% | 552 |
| Cross Country/Track | 81% | 82% | 84% | 83% | 81% | 81% | 82% | 83% | 85% | 85% | 7,260 |
| Fencing | 96% | 96% | 83% | 81% | 74% | 73% | 75% | 78% | 84% | 85% | 39 |
| Field Hockey | 91% | 92% | 92% | 93% | 94% | 95% | 94% | 94% | 93% | 93% | 626 |
| Golf | 82% | 83% | 84% | 85% | 85% | 85% | 85% | 86% | 86% | 87% | 1,295 |
| Gymnastics | 80% | 89% | 86% | 85% | 87% | 89% | 93% | 93% | 93% | 94% | 123 |
| Ice Hockey | 80% | 82% | 82% | 83% | 84% | 83% | 85% | 87% | 88% | 90% | 156 |
| Lacrosse | 89% | 90% | 90% | 90% | 90% | 91% | 91% | 91% | 89% | 91% | 1,441 |
| Skiing | 83% | 84% | 84% | 82% | 84% | 91% | 94% | 90% | 88% | 89% | 53 |
| Soccer | 81% | 82% | 84% | 82% | 83% | 84% | 84% | 86% | 86% | 86% | 6,955 |
| Softball | 80% | 81% | 82% | 81% | 81% | 81% | 82% | 82% | 83% | 84% | 6,352 |
| Swimming | 85% | 87% | 88% | 87% | 85% | 86% | 87% | 89% | 89% | 90% | 1,690 |
| Tennis | 83% | 86% | 86% | 86% | 86% | 87% | 88% | 89% | 90% | 90% | 1,929 |
| Volleyball | 79% | 80% | 82% | 82% | 84% | 85% | 85% | 86% | 87% | 87% | 4,639 |
| Water Polo | 88% | 89% | 91% | 86% | 86% | 88% | 87% | 88% | 87% | 85% | 207 |

* 2018 reporting year represents 2008-11 cohorts; 2017 represents 2007-10 cohorts, etc.

Single-Year Division II Academic Success Rates

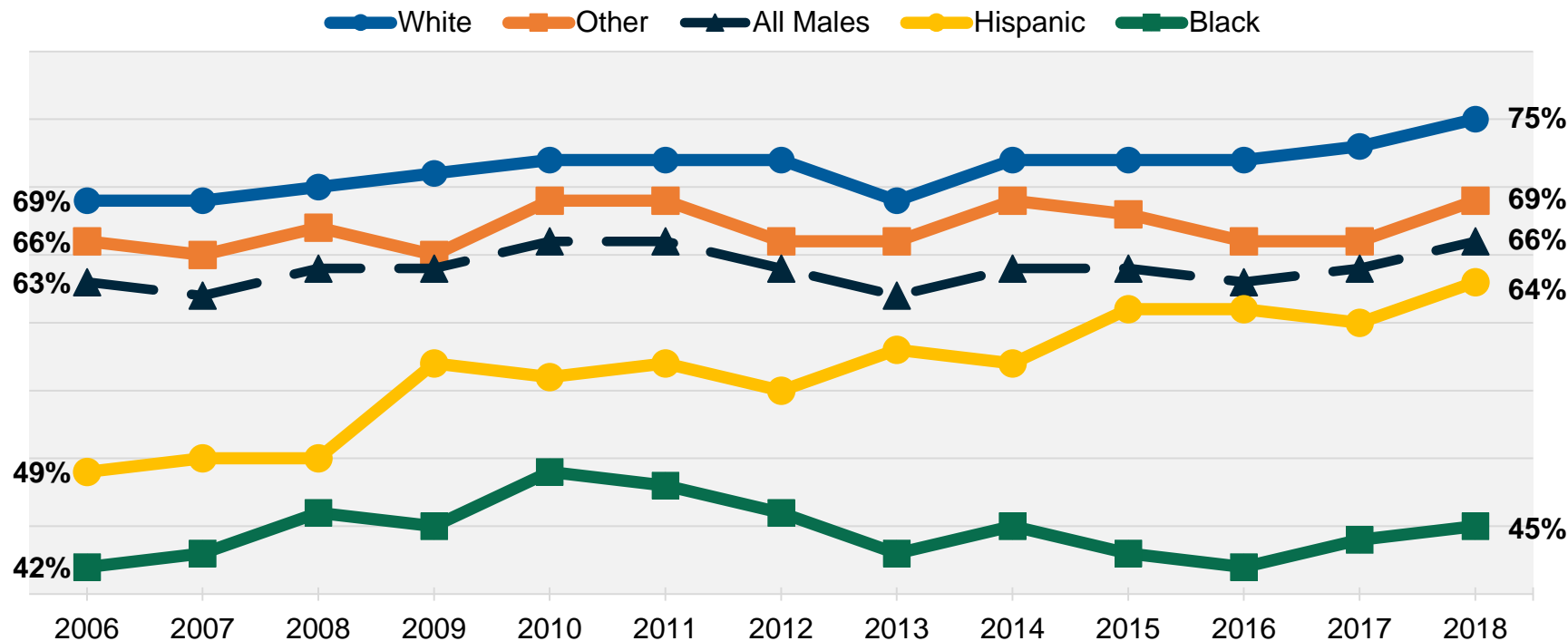
Overall and by Gender



* 2018 reporting year represents 2011-12 cohort; 2017 represents 2010-11 cohort, etc.

Single-Year Division II Academic Success Rates for Male Student-Athletes

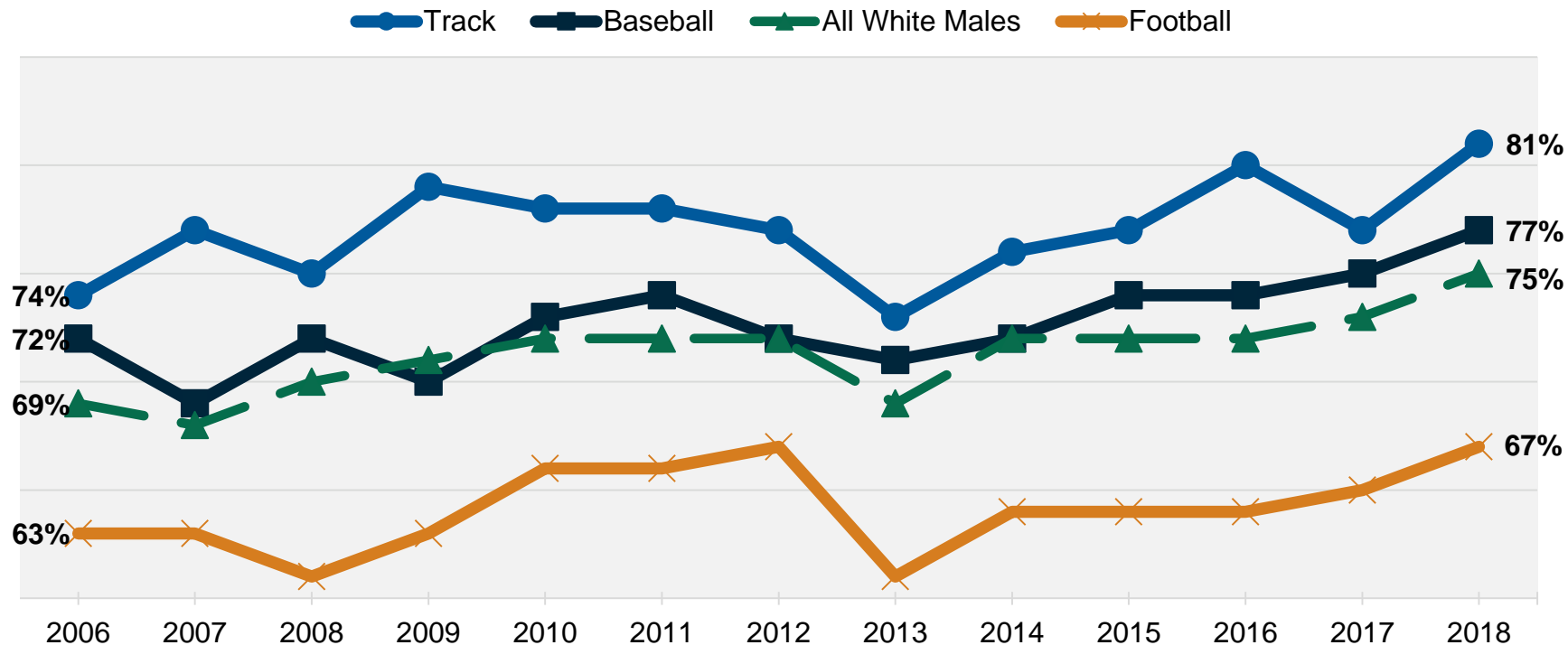
By Ethnicity



* 2018 reporting year represents 2011-12 cohort; 2017 represents 2010-11 cohort, etc.

Single-Year Division II Academic Success Rates for White Male Student-Athletes

By Sport

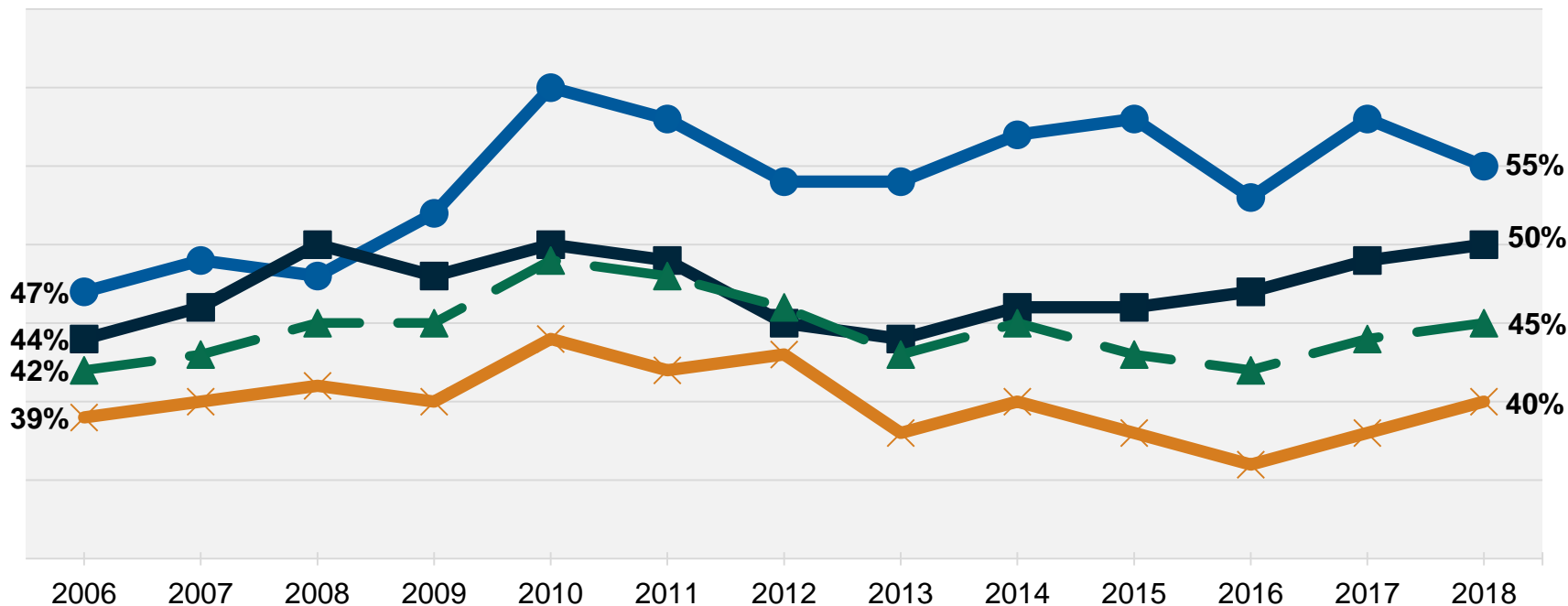


* 2018 reporting year represents 2011-12 cohort; 2017 represents 2010-11 cohort, etc.

Single-Year Division II Academic Success Rates for Black Male Student-Athletes

By Sport

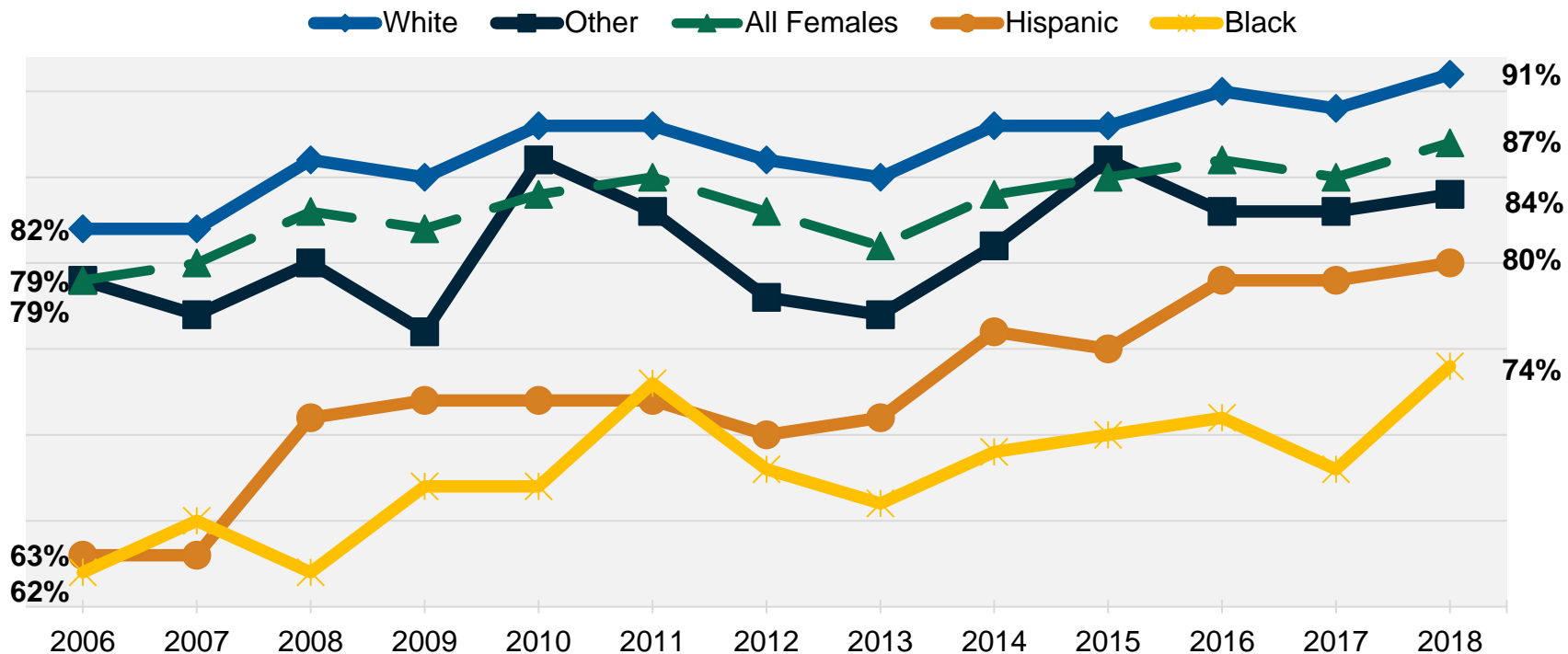
Track Basketball All Black Males Football



* 2018 reporting year represents 2011-12 cohort; 2017 represents 2010-11 cohort, etc.

Single-Year Division II Academic Success Rates for Female Student-Athletes

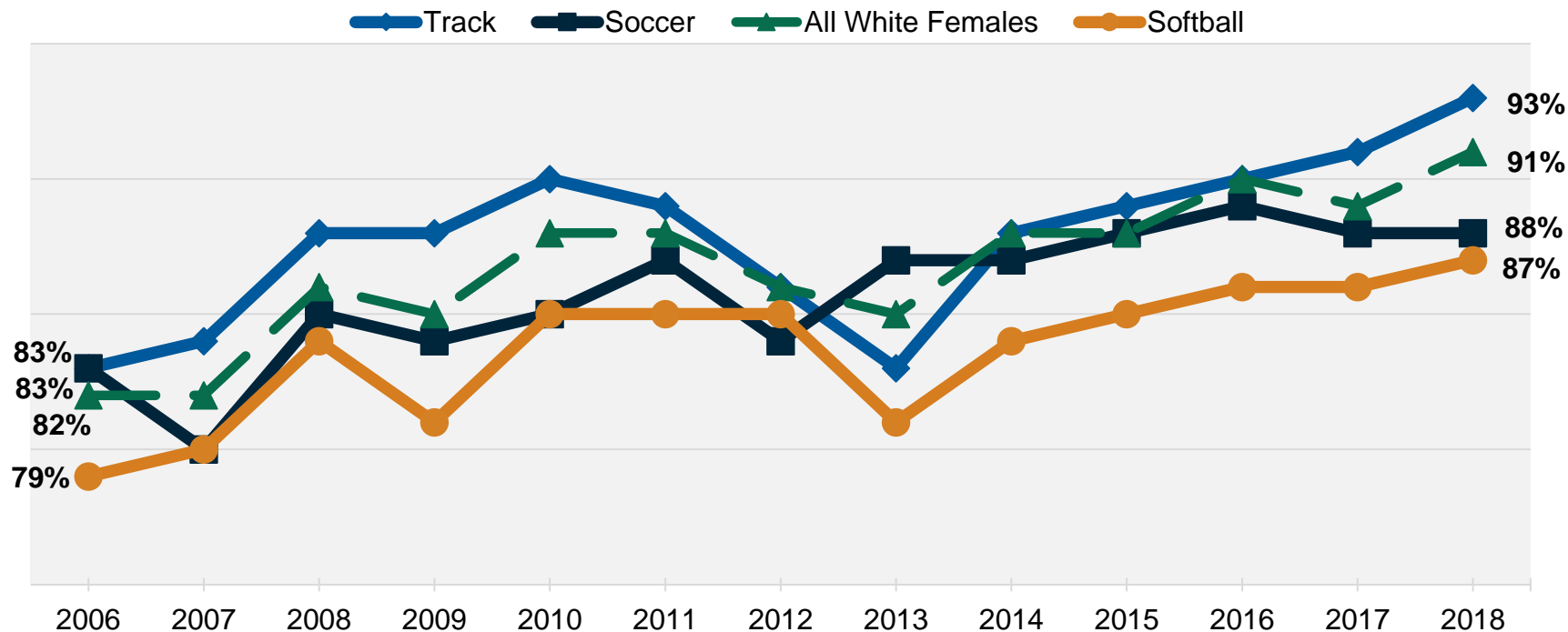
By Ethnicity



* 2018 reporting year represents 2011-12 cohort; 2017 represents 2010-11 cohort, etc.

Single-Year Division II Academic Success Rates for White Female Student-Athletes

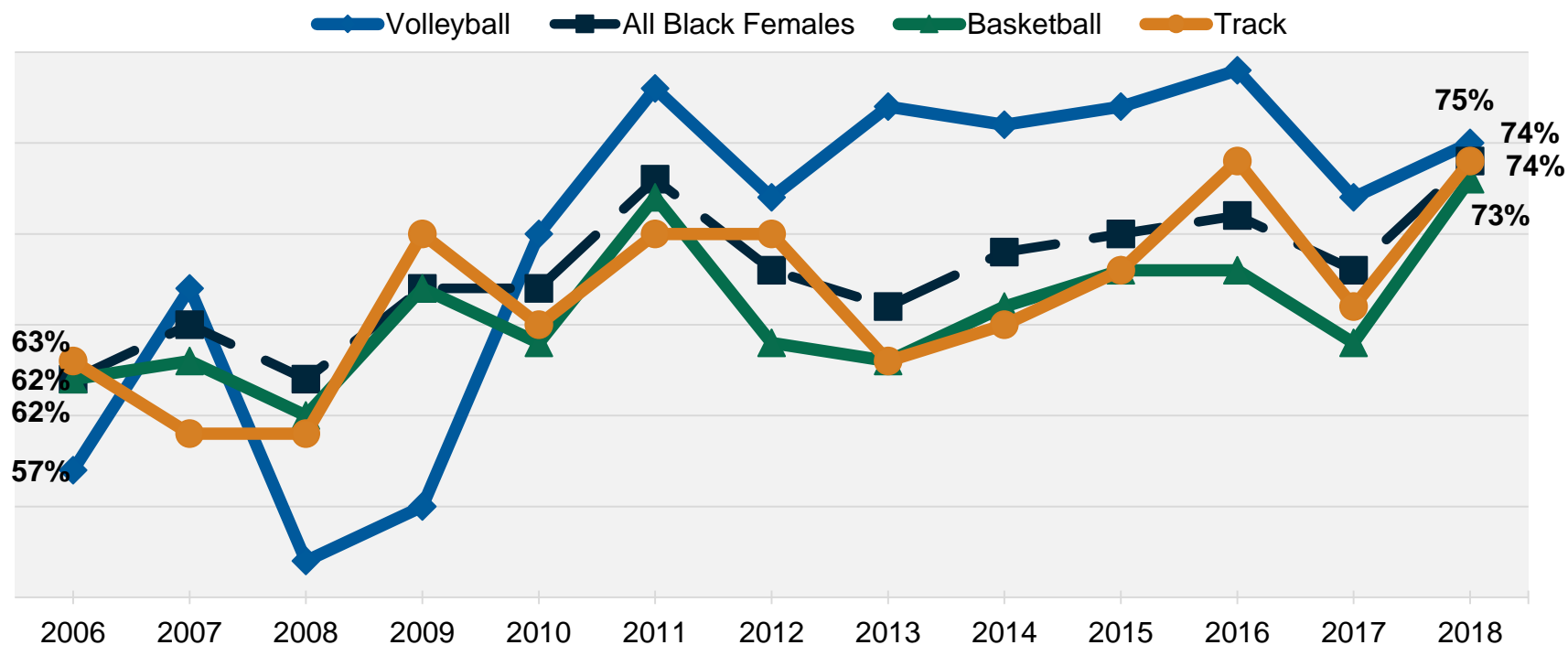
By Sport



* 2018 reporting year represents 2011-12 cohort; 2017 represents 2010-11 cohort, etc.

Single-Year Division II Academic Success Rates for Black Female Student-Athletes

By Sport

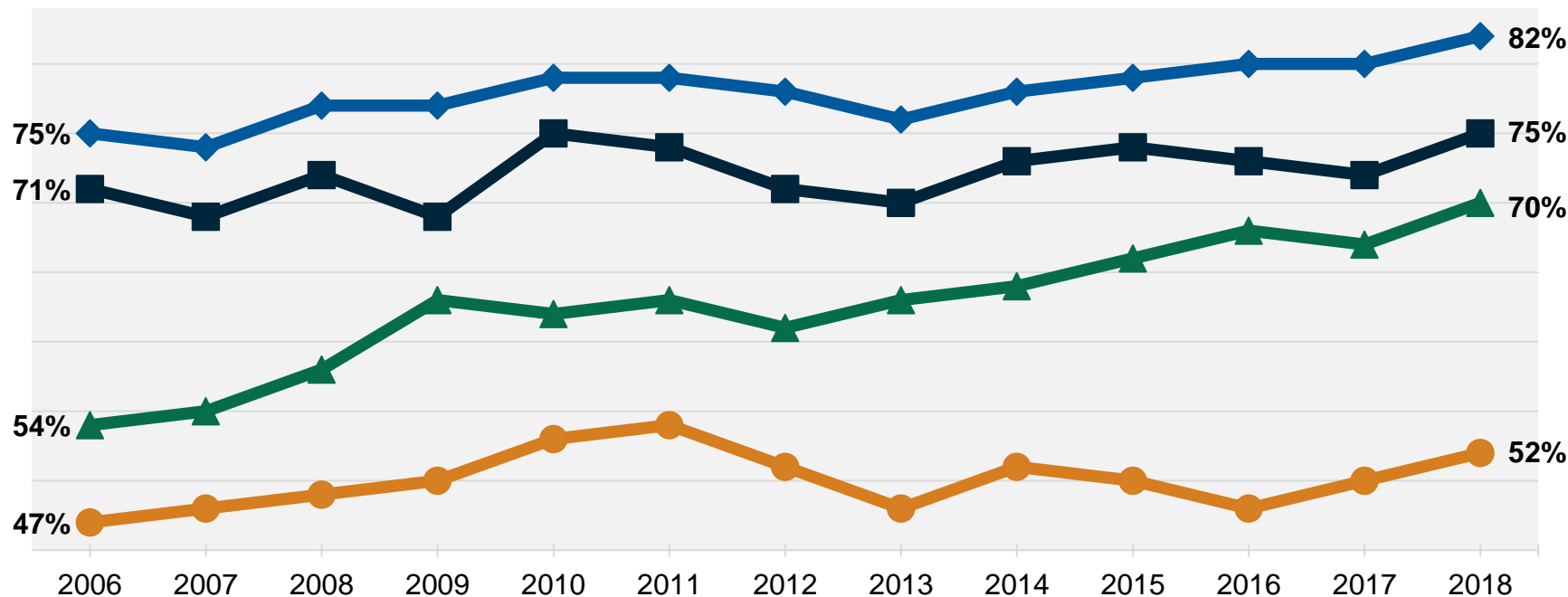


* 2018 reporting year represents 2011-12 cohort; 2017 represents 2010-11 cohort, etc.

Single-Year Division II Academic Success Rates

By Ethnicity

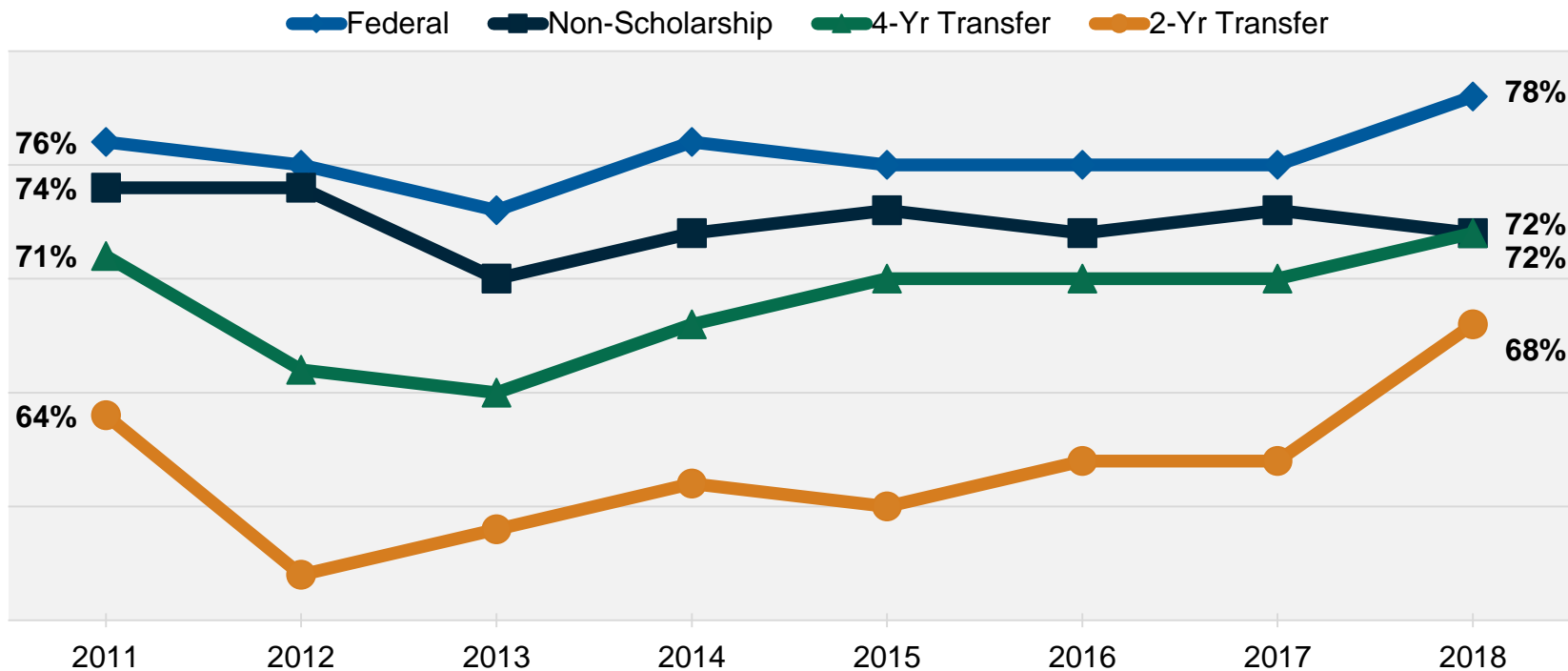
White Other Hispanic Black



* 2018 reporting year represents 2011-12 cohort; 2017 represents 2010-11 cohort, etc.

Single-Year Division II Academic Success Rates

By Student Type



* 2018 reporting year represents 2011-12 cohort; 2017 represents 2010-11 cohort, etc.

Trends in Federal Graduation Rates

Federal Graduation Rate Trends for Div. II Men's Sports

Four-Class Averages by Reporting Year*

| SPORT | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2018 N |
|---------------------|------|------|------|------|------|------|------|------|------|------|--------|
| Baseball | 51% | 51% | 52% | 51% | 50% | 50% | 51% | 51% | 51% | 53% | 5,673 |
| Basketball | 46% | 46% | 46% | 44% | 44% | 45% | 45% | 46% | 46% | 46% | 3,334 |
| Cross Country/Track | 55% | 55% | 53% | 53% | 52% | 53% | 54% | 55% | 55% | 56% | 4,740 |
| Fencing | 50% | 50% | 50% | 50% | 67% | 90% | 89% | 82% | 82% | 77% | 30 |
| Football | 43% | 43% | 43% | 42% | 41% | 41% | 41% | 40% | 40% | 41% | 13,770 |
| Golf | 55% | 55% | 56% | 56% | 56% | 56% | 56% | 55% | 56% | 57% | 1,810 |
| Ice Hockey | 51% | 51% | 50% | 50% | 53% | 57% | 64% | 66% | 67% | 69% | 318 |
| Lacrosse | 59% | 57% | 56% | 57% | 54% | 53% | 54% | 51% | 51% | 53% | 1,061 |
| Rifle (Mixed M/W) | 50% | 100% | 50% | 58% | 78% | 72% | 77% | 68% | 62% | 71% | 49 |
| Skiing | 47% | 46% | 42% | 43% | 52% | 59% | 57% | 58% | 54% | 62% | 29 |
| Soccer | 50% | 51% | 52% | 52% | 53% | 53% | 52% | 53% | 53% | 52% | 4,015 |
| Swimming | 60% | 57% | 60% | 59% | 60% | 61% | 61% | 61% | 61% | 62% | 877 |
| Tennis | 60% | 60% | 59% | 56% | 55% | 57% | 58% | 60% | 62% | 63% | 1,089 |
| Volleyball | 42% | 40% | 40% | 46% | 54% | 54% | 56% | 54% | 56% | 54% | 167 |
| Water Polo | 58% | 61% | 54% | 53% | 53% | 50% | 53% | 57% | 58% | 65% | 75 |
| Wrestling | 50% | 48% | 48% | 45% | 40% | 40% | 39% | 40% | 42% | 43% | 1,210 |

* 2018 reporting year represents 2008-11 cohorts; 2017 represents 2007-10 cohorts, etc.

Federal Graduation Rate Trends for Div. II Women's Sports

Four-Class Averages by Reporting Year*

| SPORT | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2018 N |
|---------------------|------|------|------|------|------|------|------|------|------|------|--------|
| Basketball | 60% | 60% | 61% | 60% | 59% | 60% | 58% | 58% | 58% | 60% | 4,116 |
| Bowling | 69% | 83% | 76% | 59% | 61% | 62% | 63% | 61% | 58% | 56% | 161 |
| Crew | 50% | 53% | 55% | 63% | 64% | 69% | 72% | 72% | 73% | 75% | 410 |
| Cross Country/Track | 64% | 65% | 66% | 66% | 64% | 63% | 64% | 65% | 67% | 68% | 5,030 |
| Fencing | 100% | 100% | 100% | 100% | 100% | 100% | 87% | 91% | 94% | 94% | 32 |
| Field Hockey | 80% | 77% | 79% | 75% | 77% | 78% | 78% | 76% | 74% | 72% | 473 |
| Golf | 64% | 64% | 65% | 66% | 65% | 63% | 64% | 64% | 66% | 67% | 1,126 |
| Gymnastics | 63% | 62% | 53% | 51% | 58% | 66% | 71% | 74% | 72% | 74% | 84 |
| Ice Hockey | 65% | 64% | 59% | 60% | 65% | 66% | 70% | 74% | 75% | 79% | 120 |
| Lacrosse | 79% | 76% | 76% | 74% | 72% | 74% | 72% | 71% | 70% | 70% | 1,100 |
| Skiing | 54% | 57% | 60% | 57% | 66% | 77% | 77% | 78% | 76% | 74% | 39 |
| Soccer | 64% | 63% | 63% | 62% | 62% | 63% | 64% | 65% | 66% | 66% | 5,669 |
| Softball | 63% | 63% | 62% | 61% | 61% | 61% | 61% | 62% | 62% | 63% | 4,851 |
| Swimming | 73% | 74% | 74% | 72% | 69% | 70% | 70% | 72% | 73% | 73% | 1,221 |
| Tennis | 65% | 67% | 66% | 67% | 68% | 68% | 69% | 68% | 69% | 69% | 1,489 |
| Volleyball | 61% | 62% | 62% | 62% | 64% | 65% | 65% | 65% | 64% | 64% | 3,943 |
| Water Polo | 52% | 67% | 67% | 57% | 54% | 65% | 64% | 68% | 70% | 69% | 147 |

* 2018 reporting year represents 2008-11 cohorts; 2017 represents 2007-10 cohorts, etc.

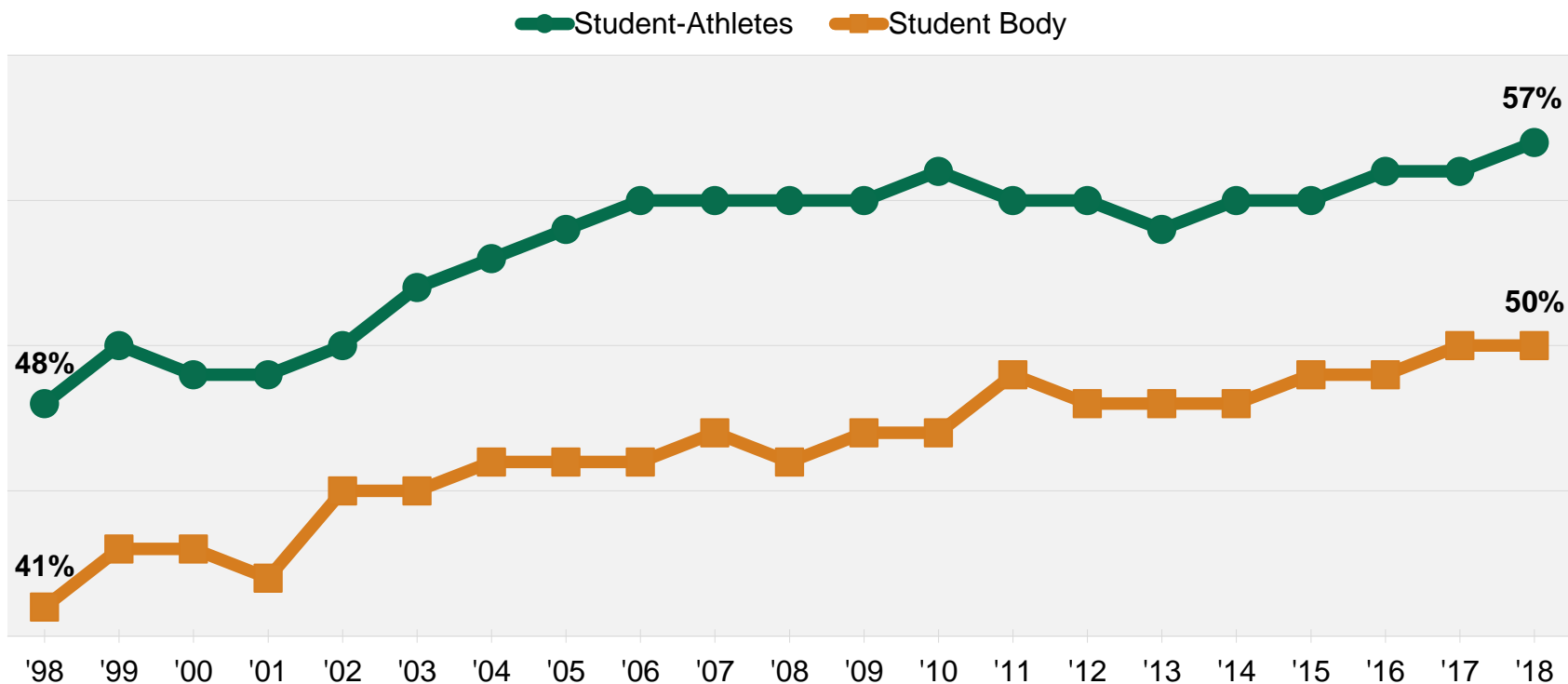
Comparison of Federal Graduation Rates Between Scholarship Student-Athletes and Student Body

For Select Groups in 2018

| | Student-Athletes | Student Body |
|---------------|------------------|--------------|
| Overall | 57% +1 | 50% |
| Men | 50% +1 | 46% +1 |
| Women | 67% +2 | 53% |
| White | 63% +2 | 54% |
| Black | 41% +1 | 32% -1 |
| White Males | 56% +2 | 50% +1 |
| Black Males | 35% | 27% -2 |
| White Females | 70% +2 | 58% +1 |
| Black Females | 58% +6 | 37% +1 |

Notes: 2011 freshman cohorts; numbers in red are percentage changes from 2010

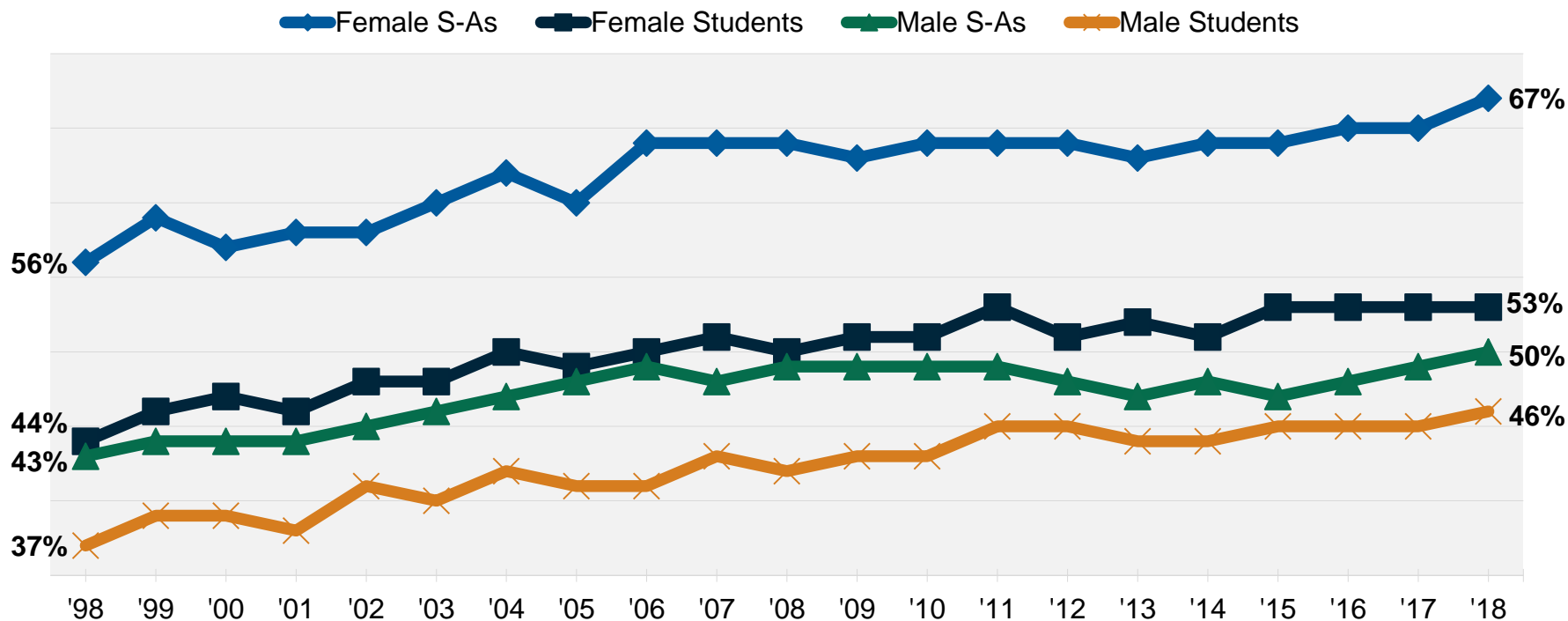
Federal Graduation Rates of Scholarship Student-Athletes versus All Students at Division II Institutions



* 2018 reporting year represents 2011-12 cohort; 2017 represents 2010-11 cohort, etc.

Federal Graduation Rates of Division II Scholarship Student-Athletes versus Division II Student Body

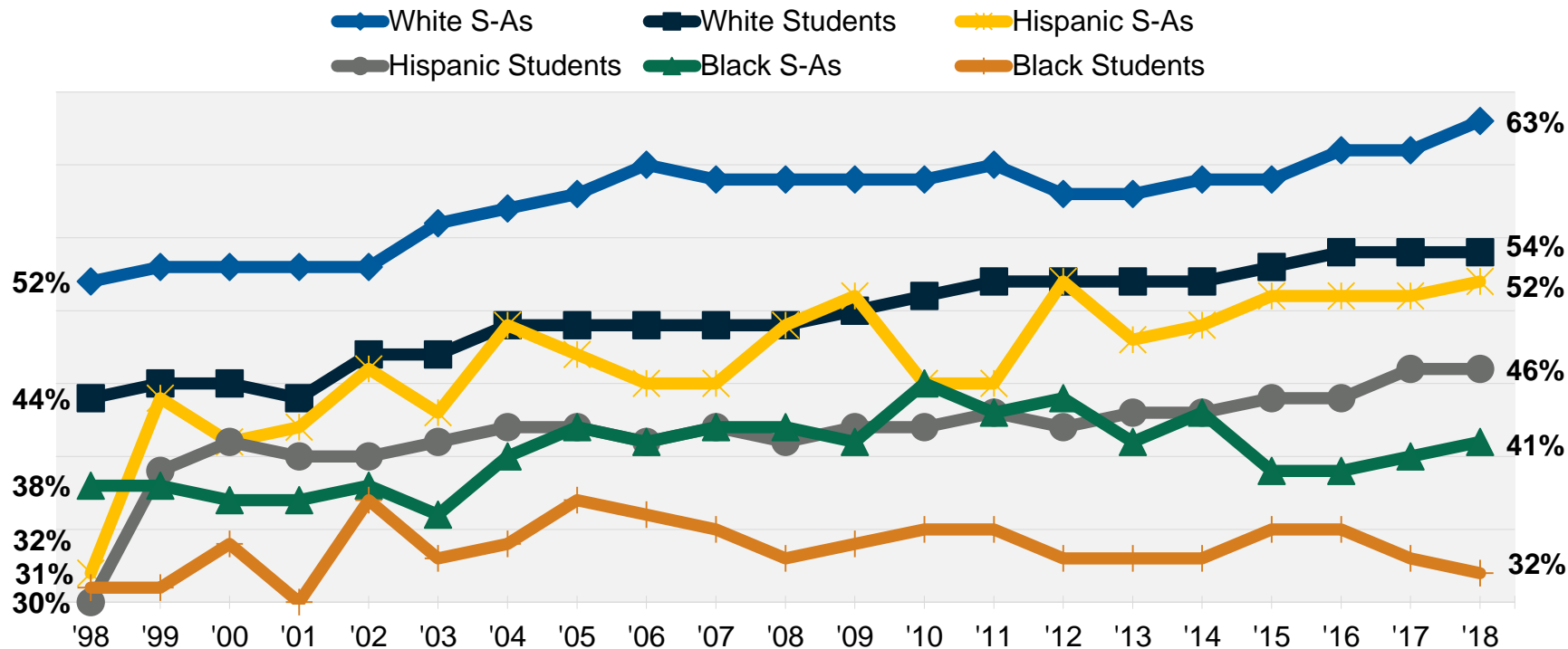
by Gender



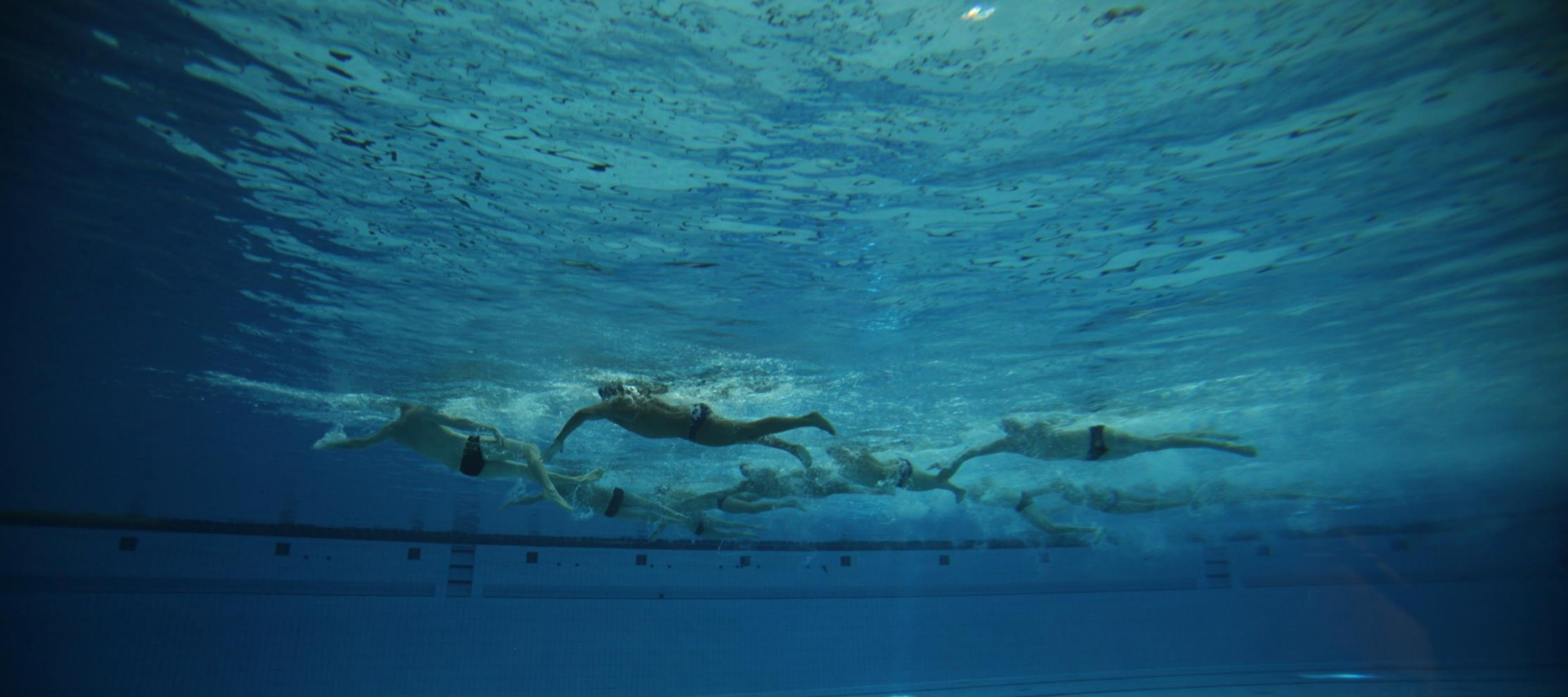
* 2018 reporting year represents 2011-12 cohort; 2017 represents 2010-11 cohort, etc.

Federal Graduation Rates of Division II Scholarship Student-Athletes versus Division II Student Body

by Ethnicity



* 2018 reporting year represents 2011-12 cohort; 2017 represents 2010-11 cohort, etc.



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