



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*

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

* 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, Church Mission, 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

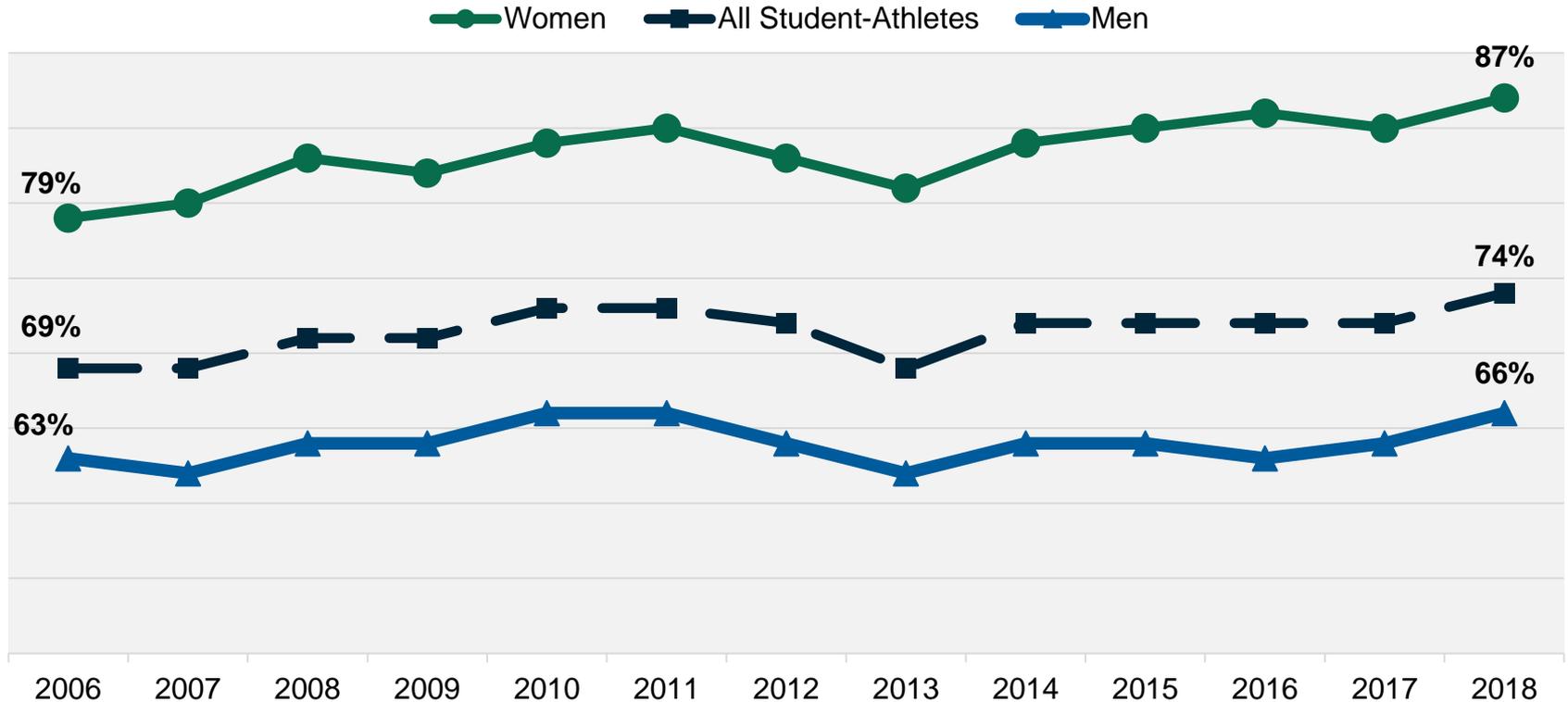
Four-Class Averages by Reporting Year*

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

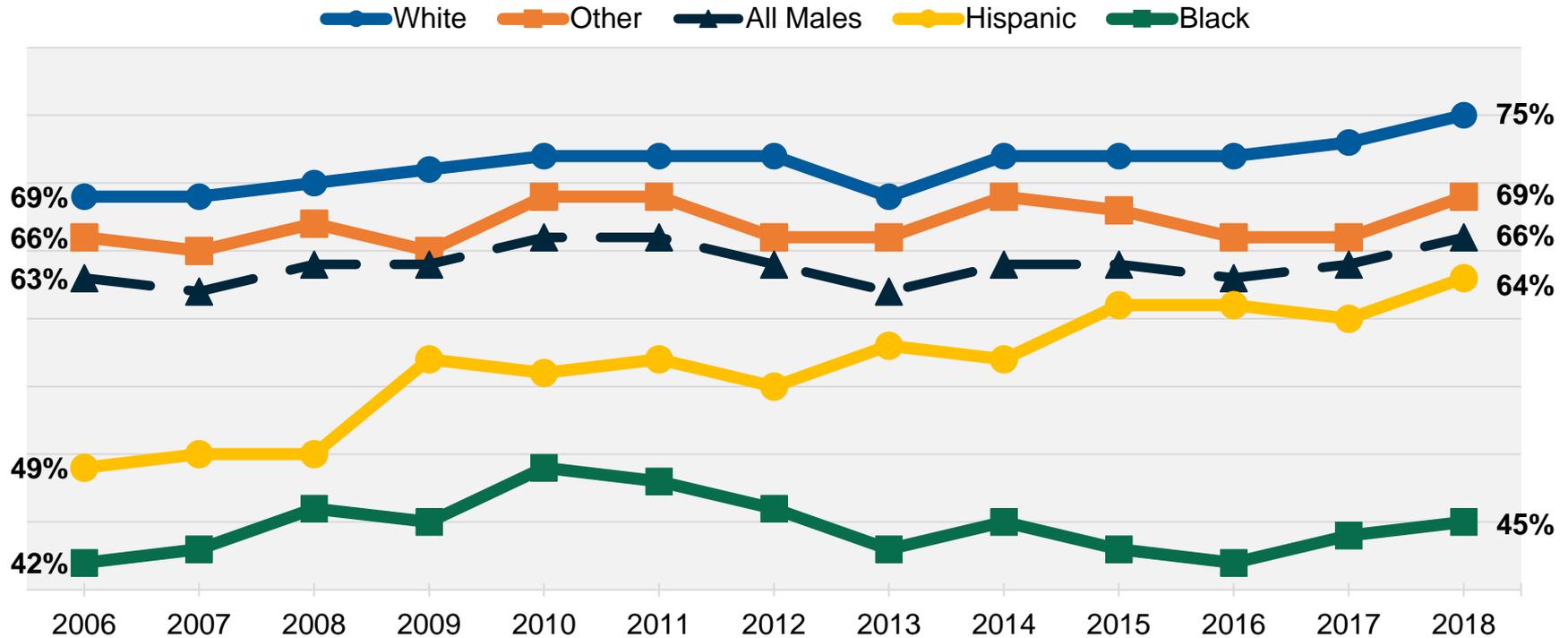
Overall and by Gender



* 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

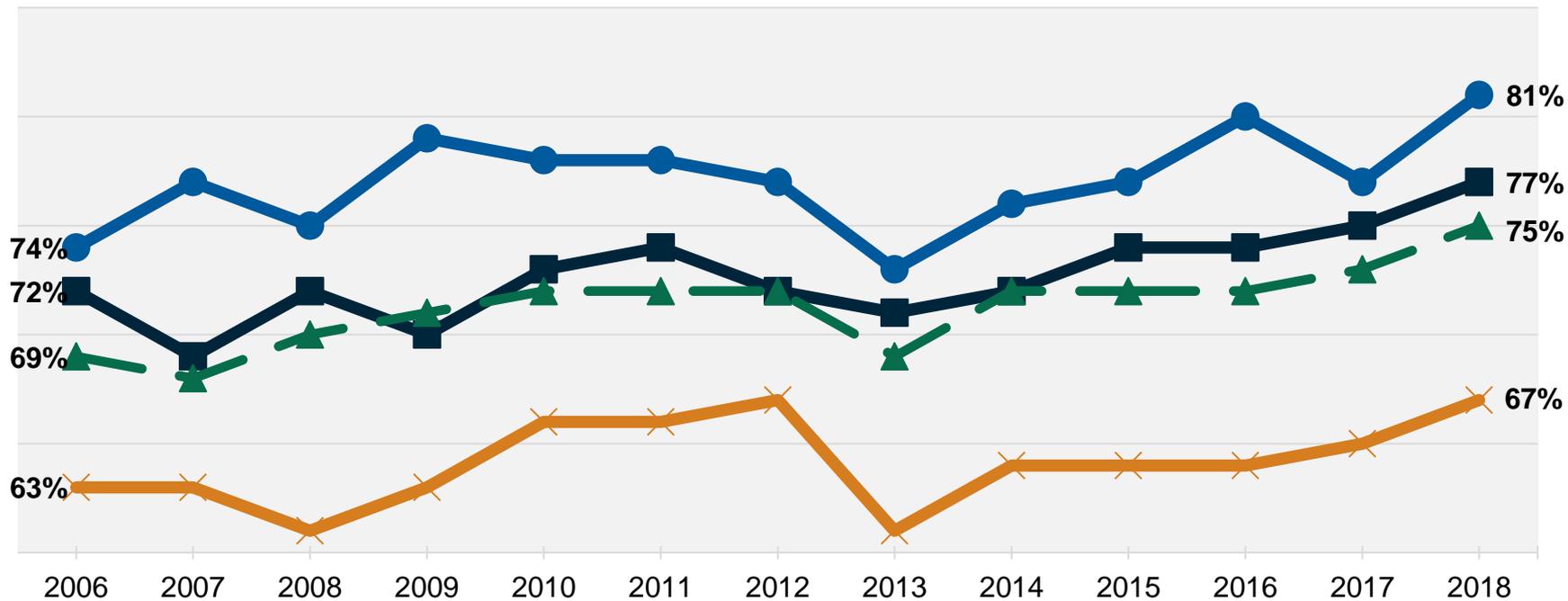


* 2018 reporting year represents 2011-12 cohort; 2017 represents 2010-11 cohort, etc.

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

By Sport

Track Baseball All White Males Football

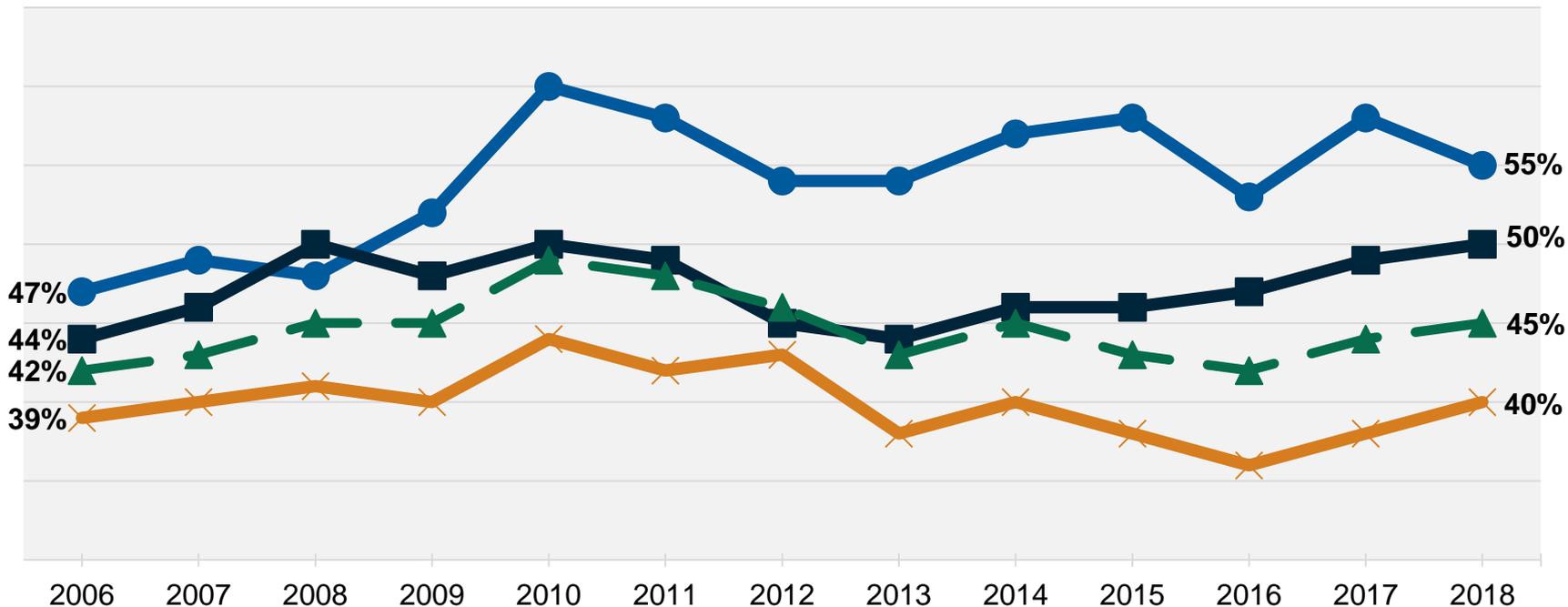


* 2018 reporting year represents 2011-12 cohort; 2017 represents 2010-11 cohort, etc.

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

By Sport

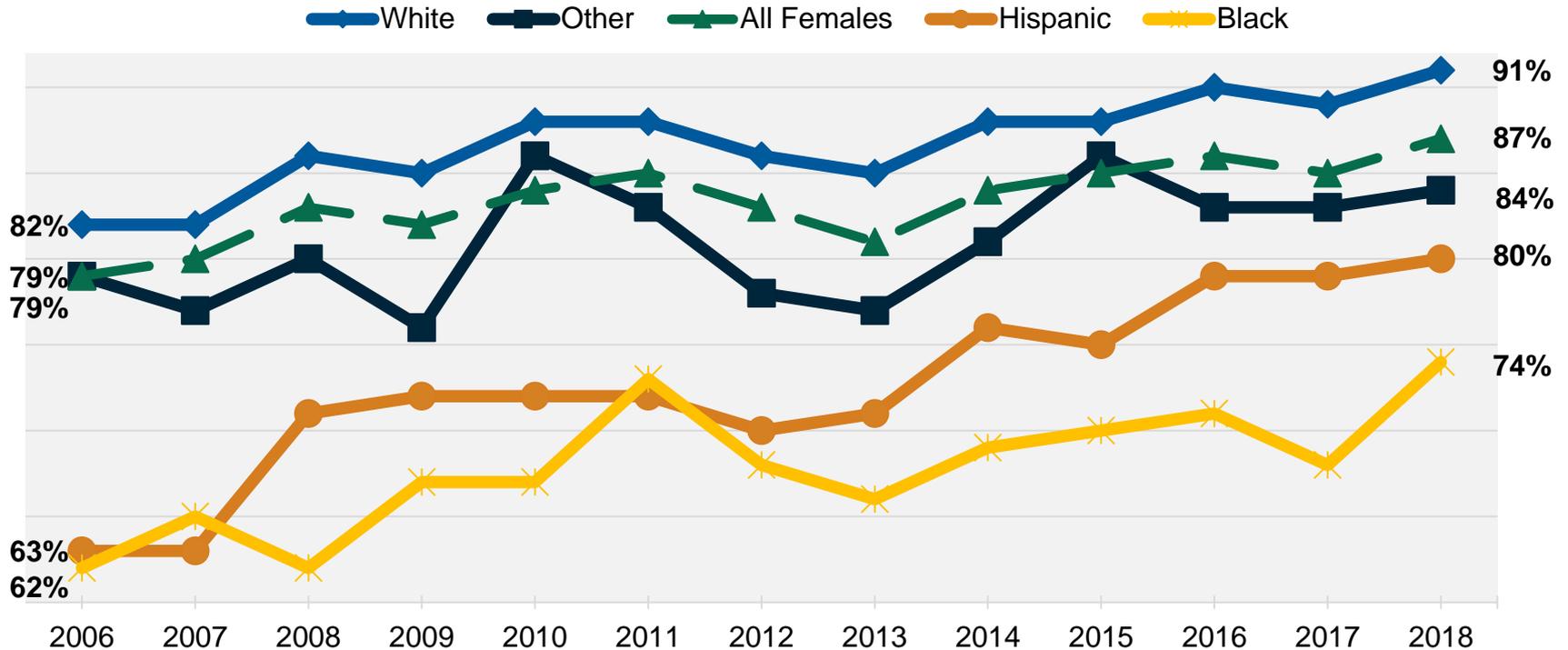
Track Basketball All Black Males Football



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

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

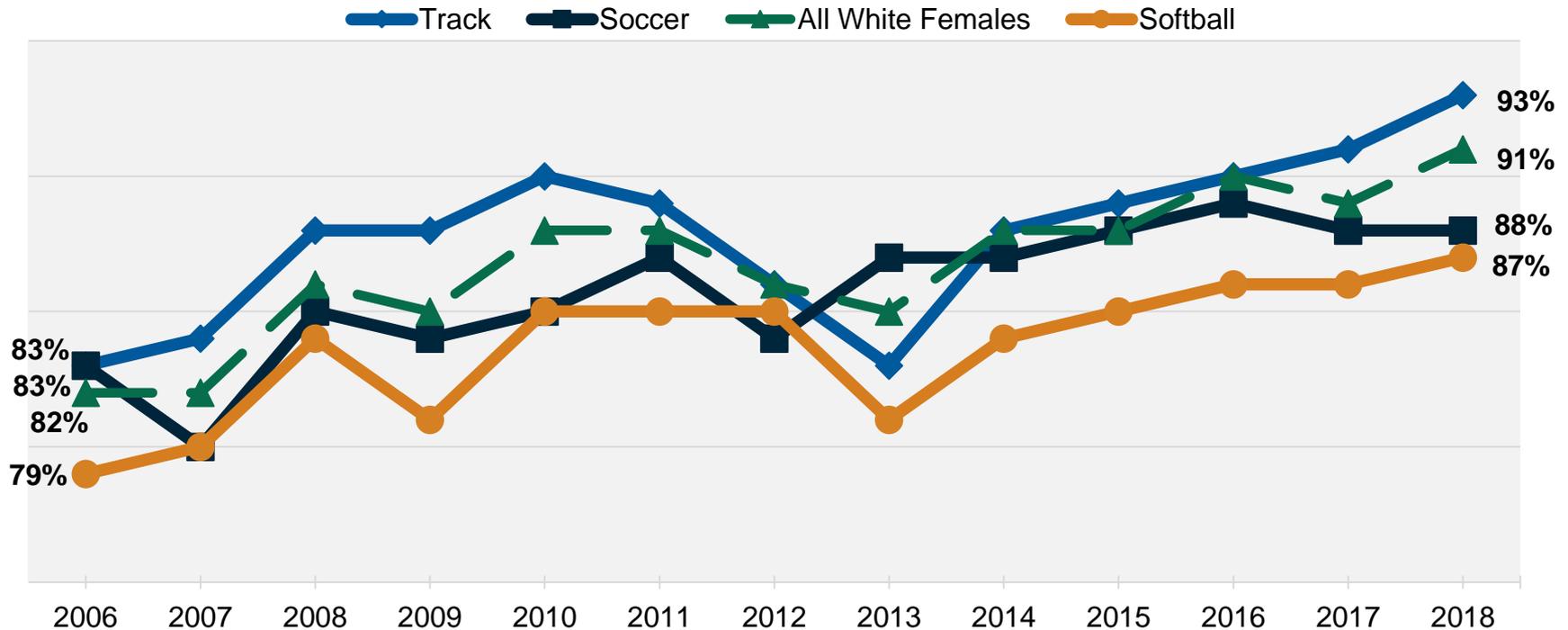
By Ethnicity



* 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

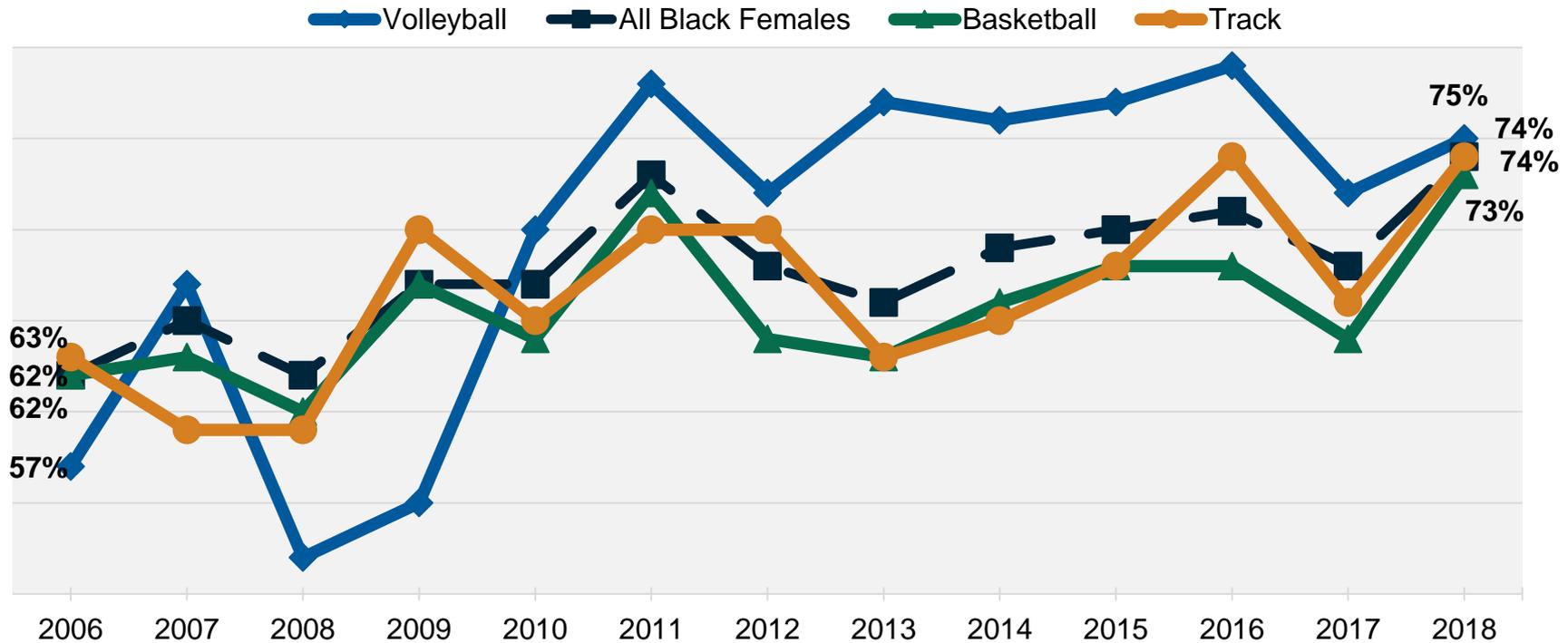
By Sport



* 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

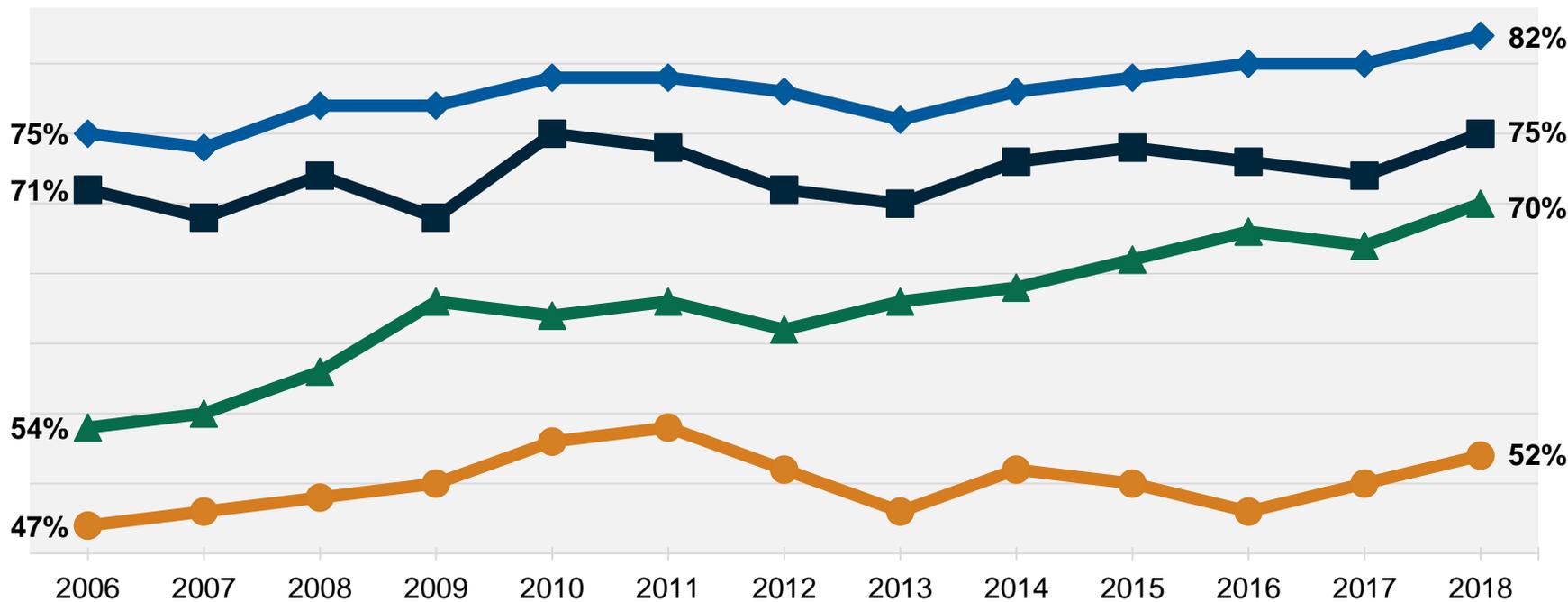


* 2018 reporting year represents 2011-12 cohort; 2017 represents 2010-11 cohort, etc.

Single-Year Division II Academic Success Rates

By Ethnicity

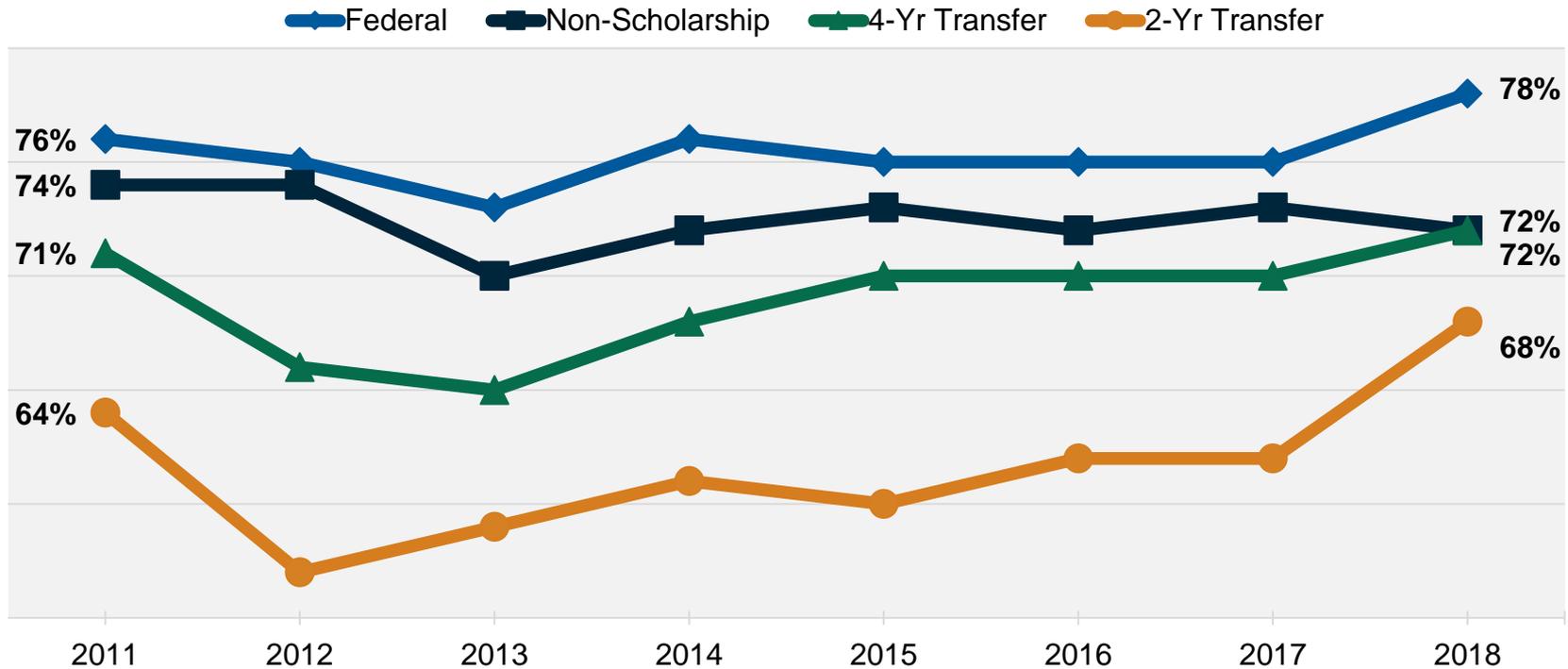
White Other Hispanic Black



* 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.

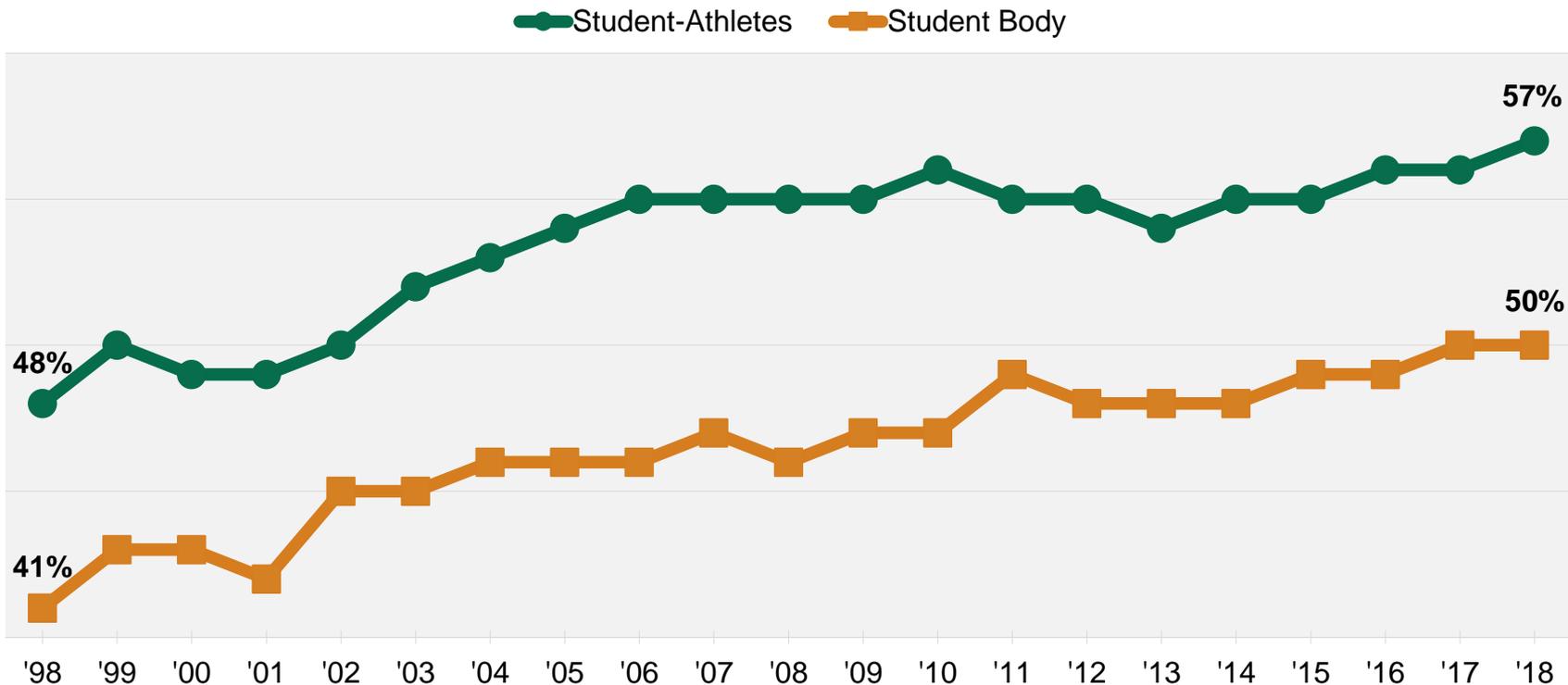
Comparison of Federal Graduation Rates Between Scholarship Student-Athletes and Student Body

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

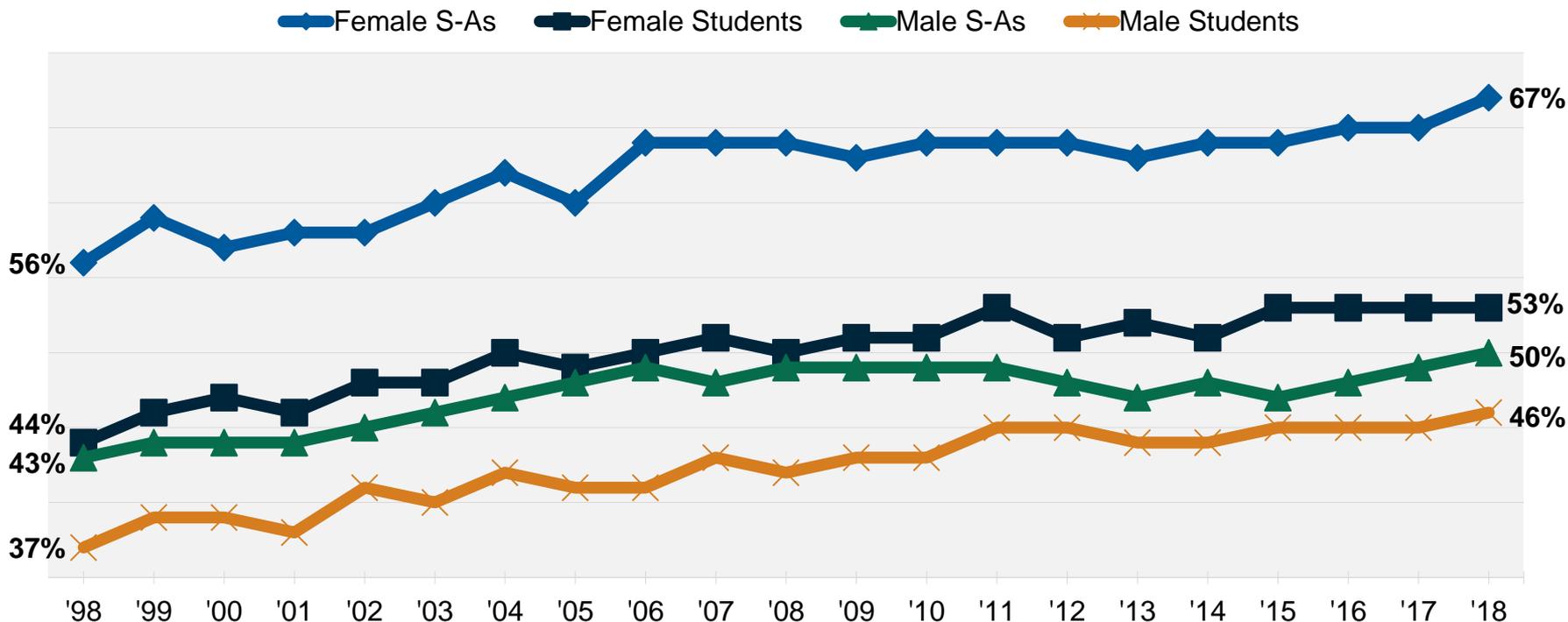
Notes: 2011 freshman cohorts; numbers in red are percentage changes from 2010

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

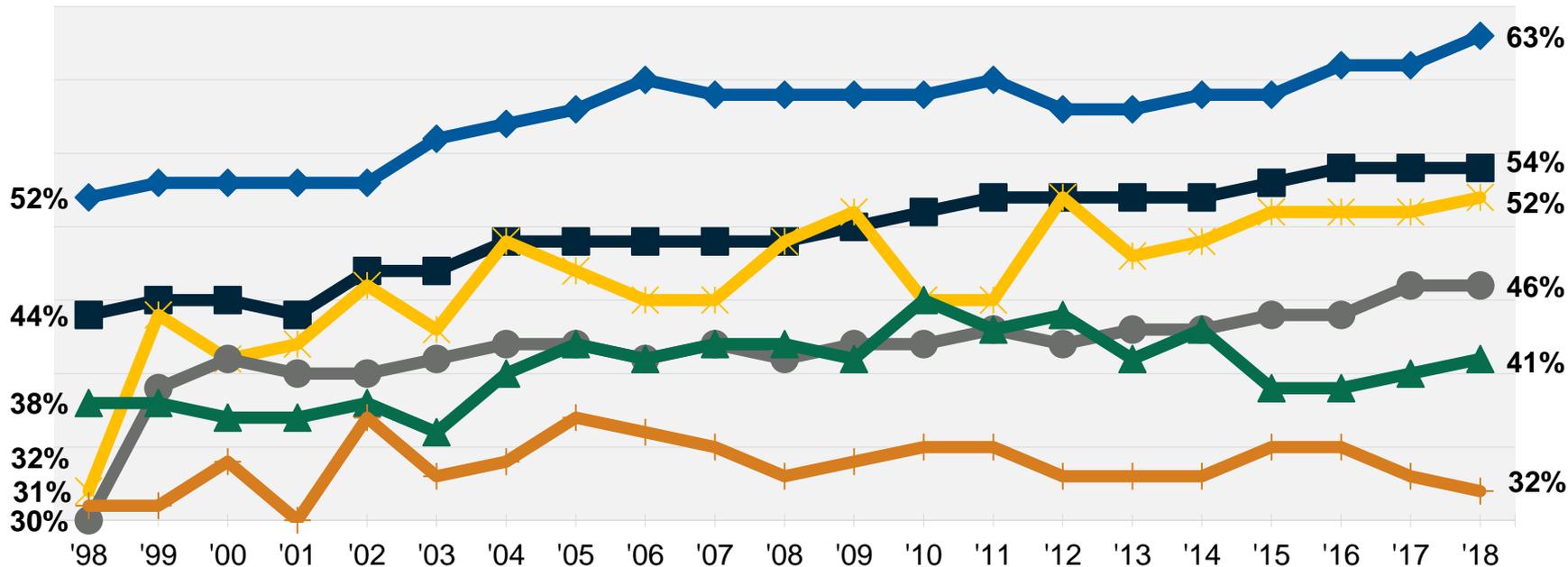


* 2018 reporting year represents 2011-12 cohort; 2017 represents 2010-11 cohort, etc.

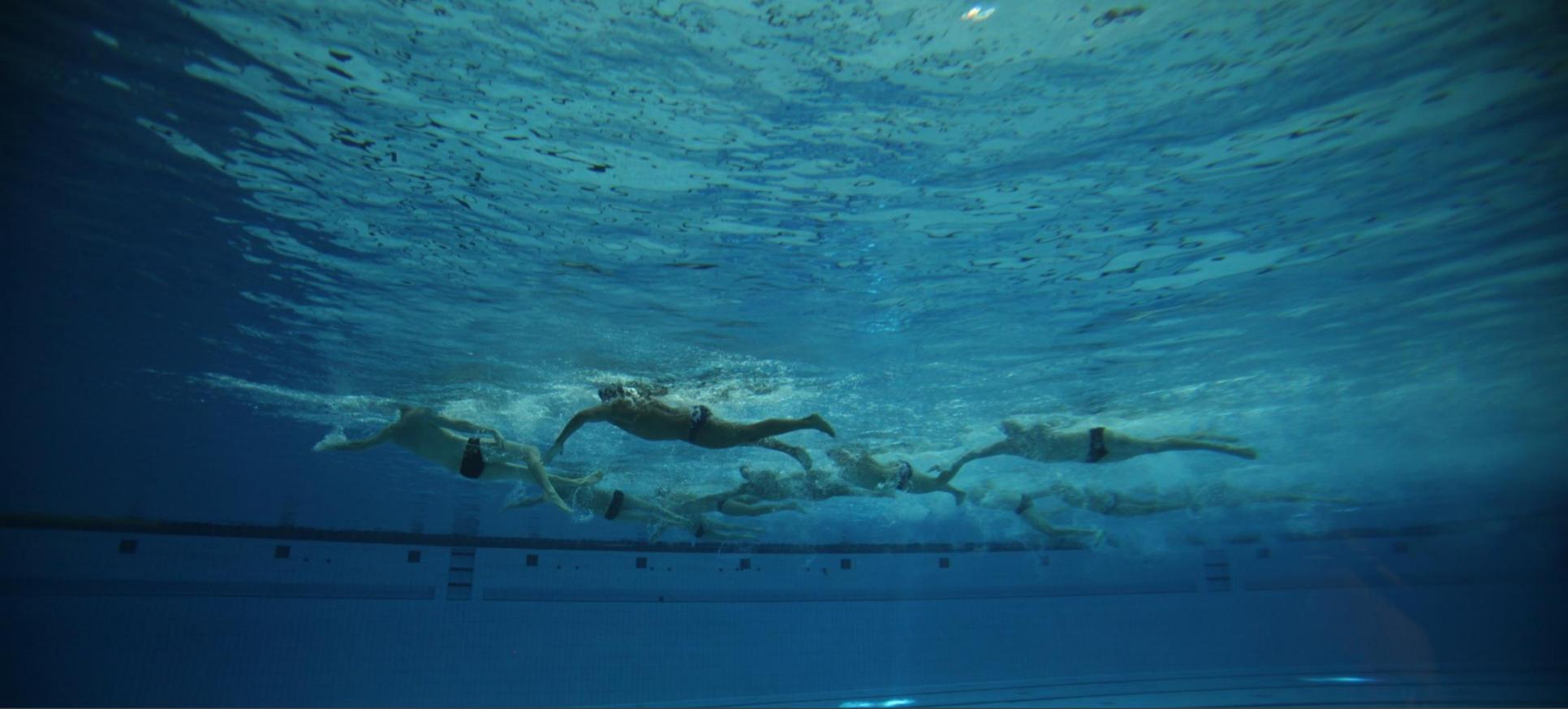
Federal Graduation Rates of Division II Scholarship Student-Athletes versus Division II Student Body

by Ethnicity

◆ White S-As ■ White Students ✱ Hispanic S-As
● Hispanic Students ▲ Black S-As ▬ Black Students



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



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