

**Arkansas Higher Education Annual Report of  
Student Retention and Graduation of  
Intercollegiate Athletics**

**Academic Year 2017-18**



**Research & Analytics**

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## ANNUAL REPORT ON RETENTION AND GRADUATION OF INTERCOLLEGIATE ATHLETES

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This report complies with Act 267 of 1989 that requires reporting retention and graduation rates for entering freshmen who participate in Arkansas intercollegiate athletics. This information is produced from data submissions through the Arkansas Higher Education Information System (SIS) for first-time, credential-seeking student athletes participating in football, basketball (men and women’s), baseball, cross country/track and other sports programs. Information related to initial athletic scholarship status is also included. Public 4-Year Universities and 2-Year Colleges provide athletic data to ADHE whereas Private/Independent Institutions do not; therefore, this report covers public institutions only.

### **Methodology**

The methodology used closely follows the methodology used in the Annual Report on Student Retention and Graduation. Institutions with athletic programs submit data to SIS that identify whether or not the athlete was first-time entering, what sport they participated in, and their athletic scholarship status. The retention calculations are based on fall-to-fall comparisons of the student-athletes in the IPEDS cohort of first-time entering, full-time, and credential-seeking students from the fall term only for all institution types.

Graduation rates use a cohort of first-time entering, credential-seeking students from the entire academic year and include all full- and part-time students. The graduation rates use a 100%, 150%, and 250% rate for counting graduates. Such time rate in years is used for counting all credentials. For example, for the 4-Year Universities 100% rate, all credentials are counted if awarded within four academic years (plus two months). The time rates vary by institution type:

Institution Type	Rate	Time
4-Year Universities	100%	4 Academic Years + July/August in the 5th AY
	150%	6 Academic Years + July/August in the 7th AY
	250%	10 Academic Years + July/August in the 11th AY
2-Year Colleges	100%	2 Academic Years + July/August in the 3rd AY
	150%	3 Academic Years + July/August in the 4th AY
	250%	5 Academic Years + July/August in the 6th AY
Private/Independents	100%	4 Academic Years + July/August in the 5th AY
	150%	6 Academic Years + July/August in the 7th AY
	250%	10 Academic Years + July/August in the 11th AY
AY = Academic Year		

*Table 6.1: Graduation Rate Definitions*

The Cohort for the 4-Year Universities are as follows:

<u>100% Rate</u>	<u>150% Rate</u>	<u>250% Rate</u>
Cohort 1 = AY2010	Cohort 1 = AY2008	Cohort 1 = AY2004
Cohort 2 = AY2011	Cohort 2 = AY2009	Cohort 2 = AY2005
Cohort 3 = AY2012	Cohort 3 = AY2010	Cohort 3 = AY2006
Cohort 4 = AY2013	Cohort 4 = AY2011	Cohort 4 = AY2007
Cohort 5 = AY2014	Cohort 5 = AY2012	Cohort 5 = AY2008

The Cohort for the 2-Year Colleges are as follows:

<u>100% Rate</u>	<u>150% Rate</u>	<u>250% Rate</u>
Cohort 1 = AY2012	Cohort 1 = AY2011	Cohort 1 = AY2009
Cohort 2 = AY2013	Cohort 2 = AY2012	Cohort 2 = AY2010
Cohort 3 = AY2014	Cohort 3 = AY2013	Cohort 3 = AY2011
Cohort 4 = AY2015	Cohort 4 = AY2014	Cohort 4 = AY2012
Cohort 5 = AY2016	Cohort 5 = AY2015	Cohort 5 = AY2013

NOTE: The methodology used herein does not correspond with the NCAA GSR (Graduation Success Rate) methodology.

During the period of this review, ten of the 4-Year Universities and three of the 2-Year Colleges participated in athletics.

1. ASUJ – Arkansas State University Jonesboro
2. ATU – Arkansas Tech University
3. HSU – Henderson State University
4. SAUM – Southern Arkansas University Magnolia
5. UAF – University of Arkansas, Fayetteville
6. UAFS – University of Arkansas - Fort Smith
7. UALR – University of Arkansas at Little Rock
8. UAM – University of Arkansas at Monticello
9. UAPB – University of Arkansas at Pine Bluff
10. UCA – University of Central Arkansas
11. CCCUA – Cossatot Community College of the University of Arkansas
12. ASUMS – Arkansas State University Mid-South
13. NAC – North Arkansas College

## OVERVIEW OF ATHLETICS

In Academic Year 2017, 3,090 students participated in athletics at the thirteen institutions referenced above. In AY2016 there were 3,210 students participating in athletics.

Ten sports categories are included in the athletics reporting: Football, Men's Basketball, Women's Basketball, Baseball, Track, Golf, Swimming, Tennis, Volleyball, and Other Sports. In terms of the number of participants, Football has the most participants followed by Track, Baseball, and Other.

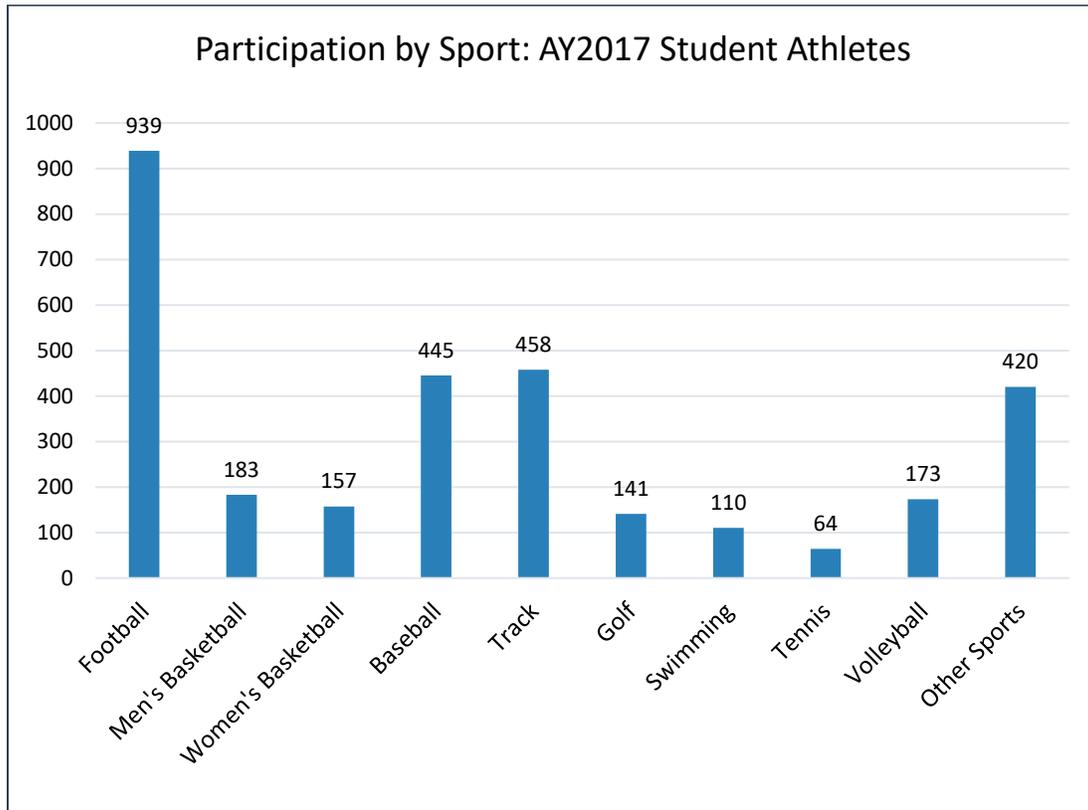


Table 6.2: Athletes by Sport – Detailed

Many students receive scholarships to participate in athletics. The following graph illustrates that the majority of students participating in athletics receive a partial scholarship (65 percent) and a small portion (13 percent) receive a full scholarship.

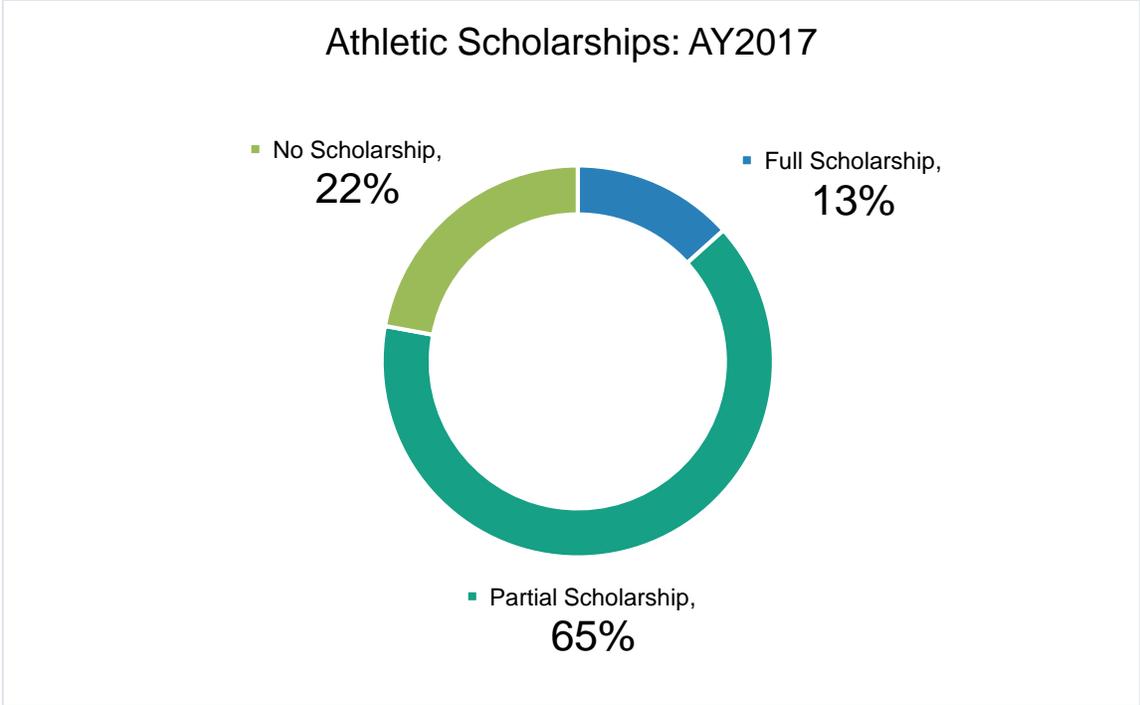


Table 6.3: Athletic Scholarships

The chart below shows that UAF has the most student athletes with UCA having the second largest number of athletes.

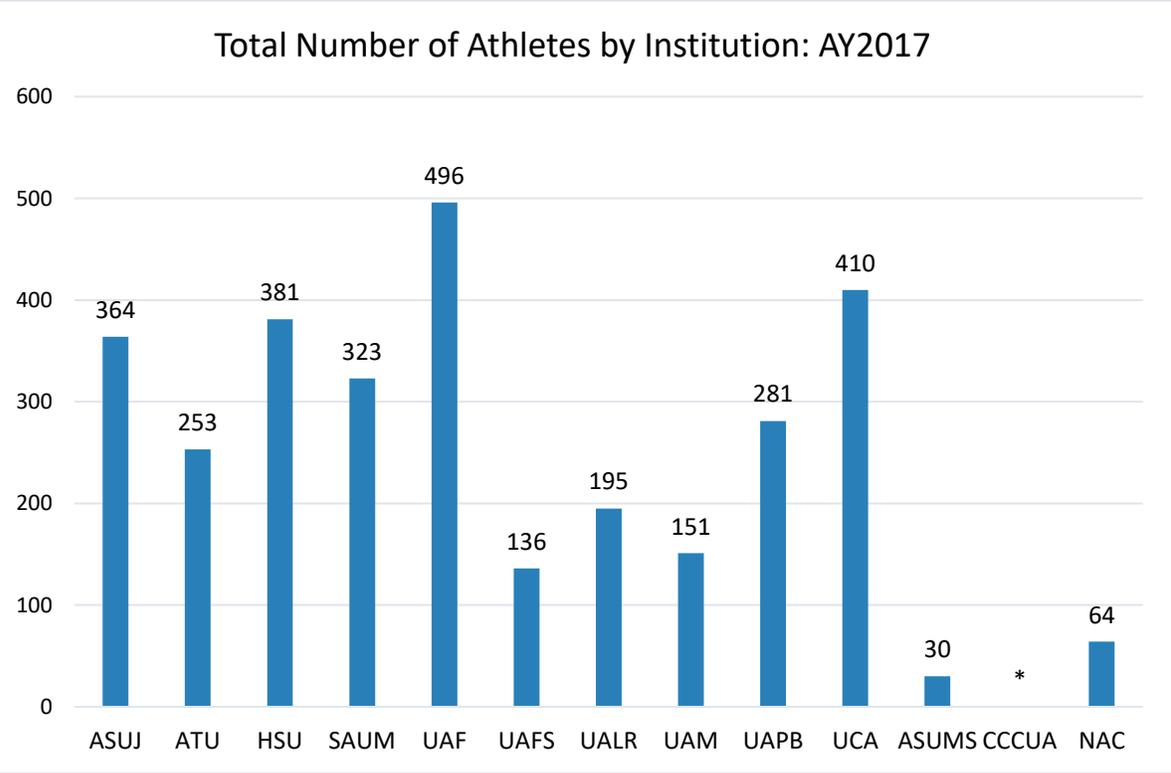
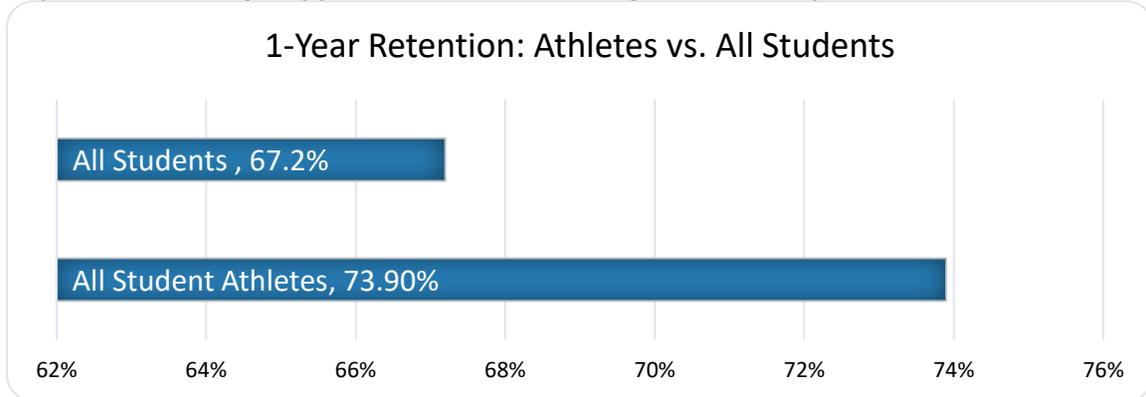


Table 6.4: Athletic Participation at Institutions with Athletic Programs

## ATHLETIC FALL-TO-FALL RETENTION RATES

### Statewide

The graph below illustrates that fall-to-fall retention rates are higher for student athletes as compared to all students. Athletes are retained at higher rates than non-athlete students due to the commitment to and interest in participating in college athletics; also, a correlation may be made between participation and the impact of ancillary support services that many institutions provide to athletes.



*Table 6.5: One-Year Retention Rate of Athletes and All Students*

The next graph shows the 1-year retention rates for student athletes for the last five years (fall-to-fall).

<b>1 Year Retention Rate of Athletes: By Institution Type</b>					
	AY2013 Cohort	AY2014 Cohort	AY2015 Cohort	AY2016 Cohort	AY2017 Cohort
	2012 Fall Cohort Retained to 2013 Fall	2013 Fall Cohort Retained to 2014 Fall	2014 Fall Cohort Retained to 2015 Fall	2015 Fall Cohort Retained to 2016 Fall	2016 Fall Cohort Retained to 2017 Fall
4-Year University	71.9%	73.7%	72.7%	73.4%	74.6%
2-Year College	86.0%	80.6%	53.3%	75.0%	57.7%
Total	72.6%	74.0%	71.8%	73.5%	73.6%

*Table 6.6: One-Year Retention Rate*

The following graph shows that student athletes who require remediation are retained at higher rates than all students who require remediation. This pattern is consistent with the retention rates of all students in the Annual Report on Student Retention and Graduation.

<b>1 Year Retention Rates of All Student Athletes, Remediated Student Athletes, and Non-Remediated Student Athletes: Fall 2016 to Fall 2017</b>						
	Athletes Only			All Students		
	All Student Athletes	Remediated Student Athletes	Non-Remediated Student Athletes	All Students	Remediated Students	Non-Remediated Students
Retention Rate	73.90%	67.0%	78.6%	67.2%	54.0%	75.0%

*Table 6.7: One-Year Retention Rate of Student Athletes by remediation requirement*

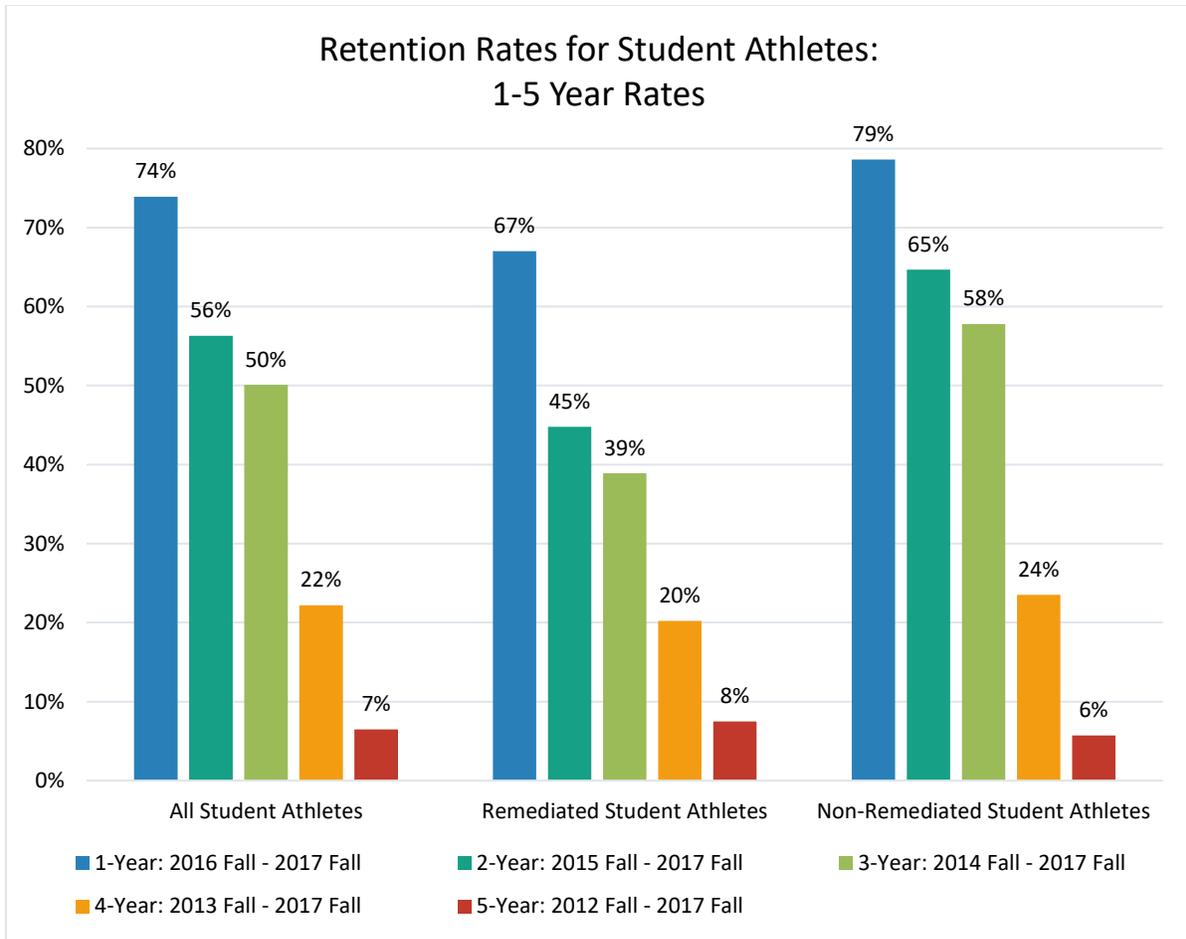


Table 6.8: One-Year Retention Rate of Athletes by Remediation Requirement

The above graph shows that non-remediated athletes are retained at higher rates than remediated athletes for most cohorts.

## ADHE ATHLETIC ANNUAL GRADUATION RATES

### Statewide Overview

The graduation rate calculations for student athletes are based on the same methodology used in the Annual Report on Student Retention and Graduation. Institutions with athletic programs submit data to SIS that identify whether or not the athlete was first-time entering, what sport they participated in, and their athletic scholarship status. The graduation rates reported herein are called the ADHE Athletic Annual Graduation Rates.

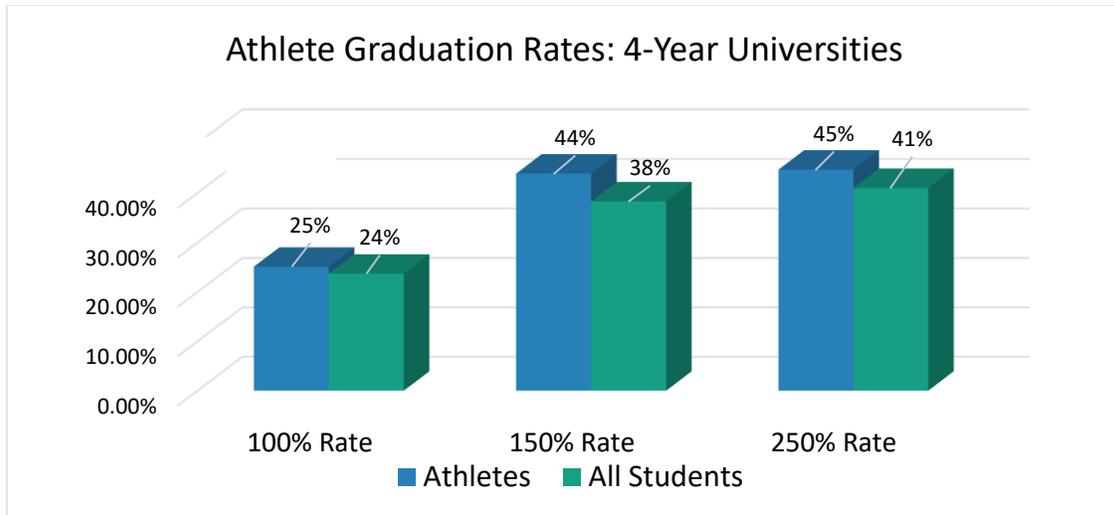
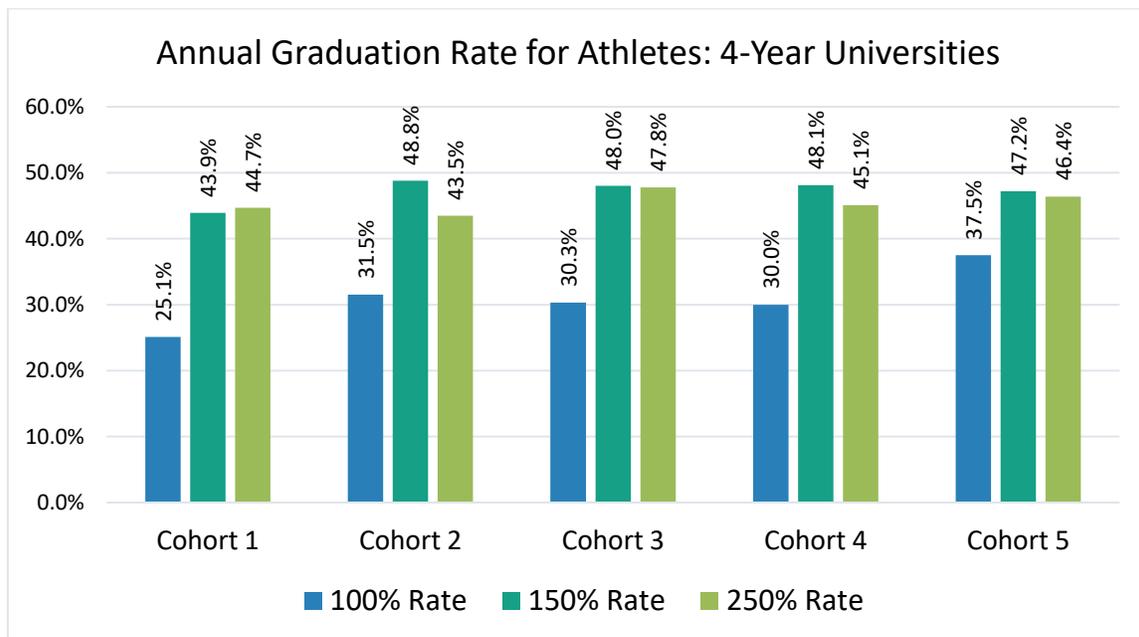


Table 6.9: Athlete and All Student Graduation Rates by Time to Degree

As Table 6.10 illustrates, the graduation rates are increasing for athletes for the 100% rate but slightly declining for the 150% and 250% rates. (Note that each cohort is composed of a completely different group of student athletes and such graduation rates do not have to be consistent between the cohorts.)



<u>100% Rate</u>	<u>150% Rate</u>	<u>250% Rate</u>
Cohort 1 = AY2010	Cohort 1 = AY2008	Cohort 1 = AY2004
Cohort 2 = AY2011	Cohort 2 = AY2009	Cohort 2 = AY2005
Cohort 3 = AY2012	Cohort 3 = AY2010	Cohort 3 = AY2006
Cohort 4 = AY2013	Cohort 4 = AY2011	Cohort 4 = AY2007
Cohort 5 = AY2014	Cohort 5 = AY2012	Cohort 5 = AY2008

Table 6.10: Athlete Graduation Rates by Cohort and Time to Degree - Universities

Per the below table, the graduation rates for athletes at 4-Year Universities are higher than that of all students in every case except for Cohort 4 for the 100% rate. As stated previously, higher rates for athletes may be due to the attraction of participating in college athletics and the support services that many institutions provide to athletes.

<b>Comparison of Graduation Rates for Athletes v. All Students: 4-Year Universities</b>									
	<b>Athletes</b>			<b>All Students</b>			<b>Difference</b>		
<b>Cohort</b>	<b>100% Rate</b>	<b>150% Rate</b>	<b>250% Rate</b>	<b>100% Rate</b>	<b>150% Rate</b>	<b>250% Rate</b>	<b>100% Rate</b>	<b>150% Rate</b>	<b>250% Rate</b>
Cohort 1	25.1%	43.9%	44.7%	23.7%	38.3%	41.0%	1.4%	5.6%	3.7%
Cohort 2	31.5%	48.8%	43.5%	25.8%	40.1%	40.9%	5.7%	8.7%	2.6%
Cohort 3	30.3%	48.0%	47.8%	27.6%	39.9%	42.0%	2.7%	8.1%	5.8%
Cohort 4	30.0%	48.1%	45.1%	31.0%	41.2%	43.6%	-1.0%	6.9%	1.5%
Cohort 5	37.5%	47.2%	46.4%	33.4%	42.5%	42.8%	4.1%	4.7%	3.6%

Table 6.11: Graduation Rates of Athletes and All Students – 4 Year Universities

The below table provides the most recent graduation rates for athletes at 4-Year Universities.

<b>ADHE Annual Graduation Rates for Athletes: 4-Year Universities</b>			
<b>Institution</b>	<b>100% Rate</b>	<b>150% Rate</b>	<b>250% Rate</b>
ASUJ	43.0%	50.6%	56.3%
ATU	28.4%	37.8%	44.7%
HSU	29.3%	52.4%	27.7%
SAUM	38.4%	34.9%	44.8%
UAF	44.4%	53.4%	54.1%
UAFS	27.3%	53.7%	52.3%
UALR	36.4%	62.2%	52.9%
UAM	43.2%	23.4%	27.5%
UAPB	25.9%	56.8%	58.5%
UCA	46.8%	50.4%	50.6%
Total	37.5%	47.2%	46.4%

Table 6.12: Graduation Rates of Athletes by Institution - Universities

The ADHE Athletic Annual Graduation Rates also provides information on students graduating at the home or transfer institution and continued enrollment at the home or transfer institution along with dropout rates. Success is indicated by either graduating or still enrolled at any Arkansas institution.

100% Rate AY2014	Graduation Rate		Still Enrolled		Dropped Out	Success
	Home	Away	Home	Away		
ASUJ	43.0%	0%	26.7%	16.3%	14.0%	86.0%
ATU	28.4%	3.9%	16.7%	15.7%	35.3%	64.7%
HSU	29.3%	1.2%	24.4%	12.2%	32.9%	67.1%
SAUM	38.4%	2.3%	7.0%	5.8%	46.5%	53.5%
UAF	44.4%	0%	24.8%	5.9%	24.8%	75.1%
UAFS	27.3%	2.3%	20.5%	11.4%	38.6%	61.4%
UALR	36.4%	4.5%	11.4%	4.5%	43.2%	56.8%
UAM	43.2%	2.3%	2.3%	13.6%	38.6%	61.4%
UAPB	25.9%	3.4%	20.7%	3.4%	46.6%	53.4%
UCA	46.8%	2.1%	19.1%	6.4%	25.5%	74.5%
Total	37.5%	1.9%	18.8%	9.5%	32.4%	67.6%

Table 6.13: Graduation Rates of Athletes by Institution and Time to Degree Detailed - Universities

The graph below illustrates the athletic graduation rates for 2-Year Colleges. There is no discernable pattern for these graduation rates, which is generally due to the small number of athletes at 2-Year Colleges.

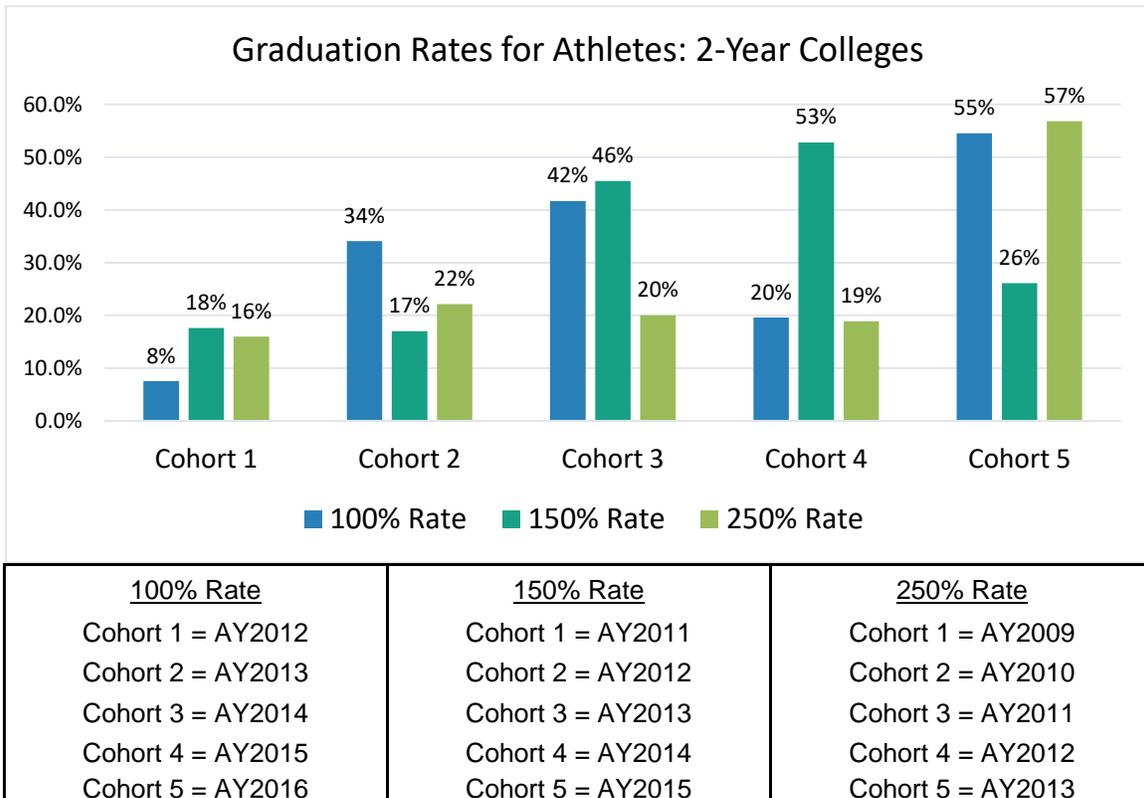


Table 6.14: Athlete Graduation Rates by Cohort and Time to Degree - Colleges

Per the below table, the graduation rates for athletes at 2-Year Colleges have generally been lower than all students for the cohorts reviewed though there is notable improvement in 100% and 150% rates for the last three cohorts.

ADHE Annual Graduation Rates for Athletes: 2-Year Colleges									
Cohort	Athletes			All Students			Difference		
	100% Rate	150% Rate	250% Rate	100% Rate	150% Rate	250% Rate	100% Rate	150% Rate	250% Rate
Cohort 1	7.5%	17.6%	16.0%	13.6%	19.8%	28.0%	-6.1%	-2.2%	-12.0%
Cohort 2	34.1%	17.0%	22.1%	15.5%	20.3%	26.6%	18.6%	-3.3%	-4.5%
Cohort 3	41.7%	45.5%	20.0%	17.2%	22.2%	25.8%	24.5%	23.3%	-5.8%
Cohort 4	19.6%	52.8%	18.9%	19.0%	24.5%	25.7%	0.6%	28.3%	-6.8%
Cohort 5	54.5%	26.1%	56.8%	20.5%	26.3%	27.2%	34.0%	-0.2%	29.6%

Table 6.15: Graduation Rates of Athletes by Cohort and Time to Degree - Colleges

The table below provides the most recent graduation rates for athletes at 2-Year Colleges.

ADHE Annual Graduation Rates for Athletes: 2-Year Colleges			
Institution	100% Rate	150% Rate	250% Rate
ASUMS	33.3%	12.5%	38.9%
CCCUA	100.0%	66.7%	0.0%
NAC	60.0%	29.6%	69.2%
Total	54.5%	26.1%	56.8%

Table 6.16: Graduation Rates of Athletes by Institution - Colleges

The ADHE Annual Graduation Rates also provide information on students graduating at the home or transfer institution and continued enrollment at the home or transfer institution along with dropout rates. Success is indicated by either graduating or still enrolled at any Arkansas institution.

100% Rate AY2016	Graduates		Still Enrolled		Dropped Out	Success
	Home	Away	Home	Away		
ASUMS	33.3%	0%	33.3%	25%	8.3%	91.7%
CCCUA	100%	0%	0%	0%	0%	100.0%
NAC	60%	3.3%	23.3%	3.3%	10.0%	90.0%
Total	54.5%	2.3%	25%	9.1%	9.1%	90.9%
150% Rate AY2015	Graduation Rate		Still Enrolled		Dropped Out	Success
	Home	Away	Home	Away		
ASUMS	12.5%	0%	0%	31.3%	56.3%	43.7%
CCCUA	66.7%	0%	0%	33.3%	0%	100.0%
NAC	29.6%	3.7%	3.7%	22.2%	40.7%	59.3%
Total	26.1%	2.2%	2.2%	26.1%	43.5%	56.5%
250% Rate AY2013	Graduation Rate		Still Enrolled		Dropped Out	Success
	Home	Away	Home	Away		

ASUMS	38.9%	5.6%	0%	27.8%	27.8%	72.2%
CCCUA	N/A	N/A	N/A	N/A	N/A	N/A
NAC	69.2%	3.8%	0%	21.6%	5.4%	94.6%
Total	56.8%	4.5%	0%	31.8%	6.8%	93.2%

Table 6.17: Graduation Rates of Athletes by Institution and Time to Degree Detailed - Colleges

## Graduation Rates by Sport

The table below provides graduation rates by sport.

<b>ADHE Annual Graduation Rates for Athletes by Sport</b>			
	AY2014 4yr AY2016 2yr	AY2012 4yr AY2015 2yr	AY2008 4yr AY2013 2yr
<b>Football</b>	<b>100% Rate</b>	<b>150% Rate</b>	<b>250% Rate</b>
4-Year Universities	26.2%	40.1%	36.0%
2-Year Colleges	N/A	N/A	N/A
<b>Women's Basketball</b>	<b>100% Rate</b>	<b>150% Rate</b>	<b>250% Rate</b>
4-Year Universities	42.9%	59.5%	46.0%
2-Year Colleges	58.3%	18.2%	83.3%
<b>Track</b>	<b>100% Rate</b>	<b>150% Rate</b>	<b>250% Rate</b>
4-Year Universities	42.3%	57.7%	50.9%
2-Year Colleges	N/A	N/A	N/A
<b>Men's Basketball</b>	<b>100% Rate</b>	<b>150% Rate</b>	<b>250% Rate</b>
4-Year Universities	26.7%	37.5%	45.2%
2-Year Colleges	38.5%	9.1%	0.0%
<b>Baseball</b>	<b>100% Rate</b>	<b>150% Rate</b>	<b>250% Rate</b>
4-Year Universities	29.7%	34.4%	44.7%
2-Year Colleges	66.7%	20.0%	48.0%
<b>All Others</b>	<b>100% Rate</b>	<b>150% Rate</b>	<b>250% Rate</b>
4-Year Universities	50.6%	53.5%	57.4%
2-Year Colleges	57.1%	66.7%	88.9%

Table 6.18: Graduation Rates of Athletes by Sport

## Remediation Rates of Student Athletes

Athletic information is collected in an annual file (not a term file), the most recent remediation rate that can be produced is for the 2016 Fall term (AY2017). In AY2017 ADHE changed methodology for calculating remediation rate to more accurately reflect remediation placement at institutions. In the tables below

remediation rates for AY2013-AY2016 are calculated using the old methodology while AY2017 is calculated using the new methodology. For additional information on the change of methodology, see the AHECB Annual Remediation Report.

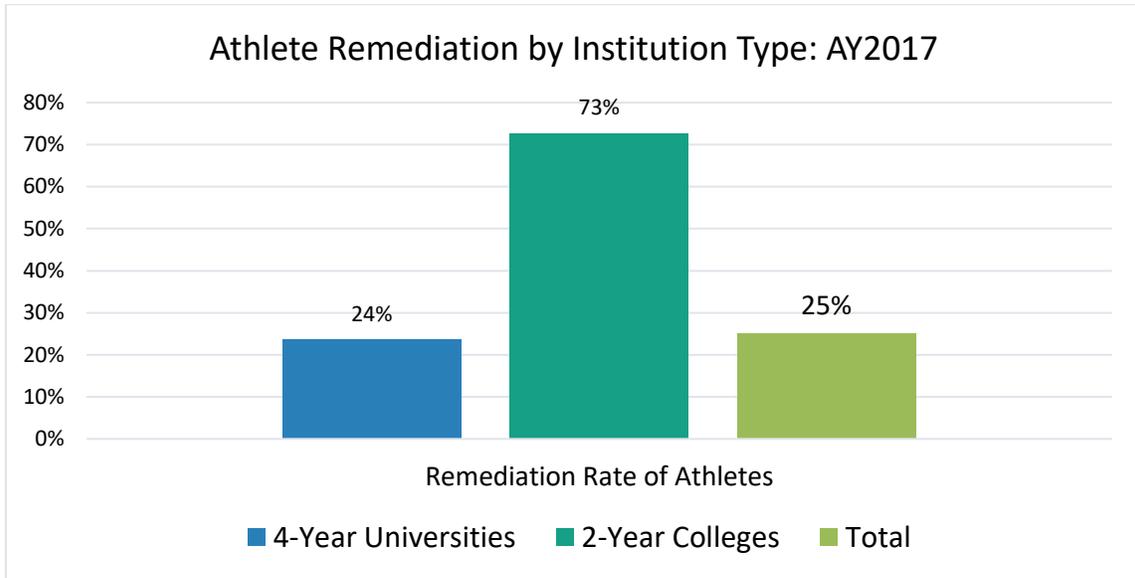


Table 6.19: Athlete Remediation Rate by Institution Type

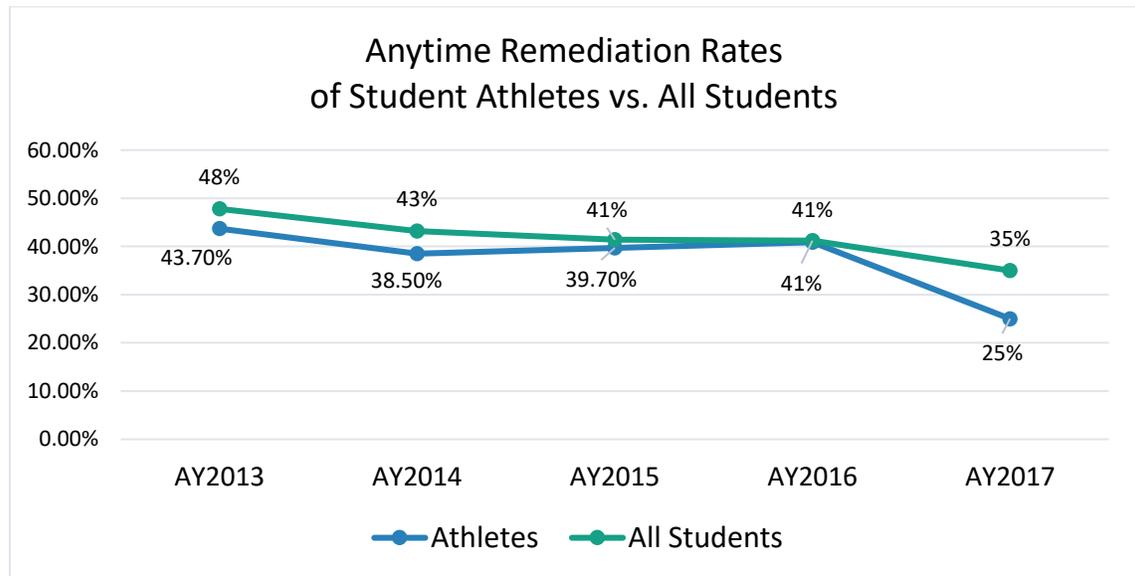


Table 6.20: Athlete and All Student Remediation Rates

Overall, student athletes have lower Anytime Remediation Rates than All Students.

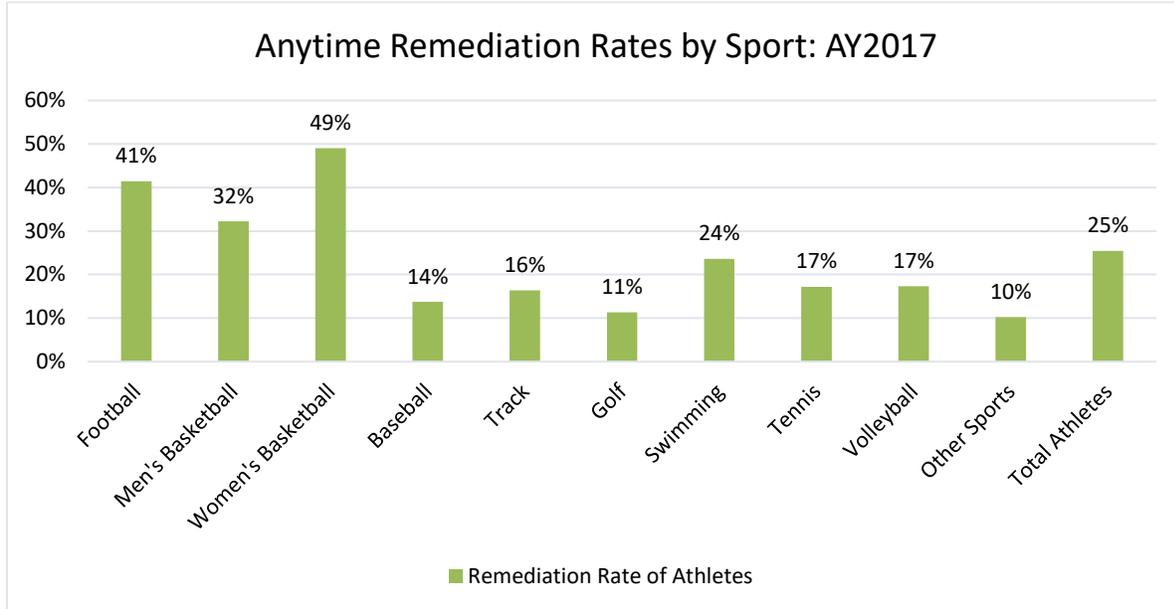


Table 6.21: Remediation Rates by Sport

As shown above, Golf, Baseball and Other Sports have the lowest remediation rates for AY2017 (the 2016 Fall term).

### Graduation Rates of Remediated Student Athletes

The following graph compares the graduation rates between Remediated Student Athletes and All Student Athletes at both 4-Year Universities and 2-Year Colleges.

ADHE Annual Graduation Rates for Remediated Athletes and All Athletes			
	AY2014 4yr/ AY2016 2yr	AY2012 4yr/ AY2015 2yr	AY2008 4yr/ AY2013 2yr
<b>Remediated Athletes</b>	<b>100% Rate</b>	<b>150% Rate</b>	<b>250% Rate</b>
4-Year Universities	25.2%	33.7%	37.0%
2-Year Colleges	37.5%	23.5%	46.4%
<b>All Athletes</b>	<b>100% Rate</b>	<b>150% Rate</b>	<b>250% Rate</b>
4-Year Universities	37.5%	47.2%	46.4%
2-Year Colleges	54.5%	26.1%	56.8%
<b>Difference</b>	<b>100% Rate</b>	<b>150% Rate</b>	<b>250% Rate</b>
4-Year Universities	-12.3%	-13.5%	-9.4%
2-Year Colleges	-17.0%	-2.6%	-10.4%

Table 6.22: Graduation Rates of Athletes by Remediation Need

The following attachments can be found online at [www.adhe.edu](http://www.adhe.edu).

- |                |                                                                                                |
|----------------|------------------------------------------------------------------------------------------------|
| Attachment 6-A | Overview of Athletic Participation                                                             |
| Attachment 6-B | Retention Rates of All Cohort Athletes,<br>Remediated4Athletes, and Non-Remediated<br>Athletes |
| Attachment 6-C | Graduation Rates of Athletes including by Sport                                                |