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Annual Report on Student Retention and Graduation of Intercollegiate Athletics



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ANNUAL REPORT ON RETENTION AND GRADUATION OF INTERCOLLEGIATE ATHLETES

This report complies with Act 267 of 1989 which 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 for first-time, credential-seeking student athletes participating in football, basketball (men's and



UNIVERSITIES WITH

503 UA RAZORBACKS



416 UCA BEARS



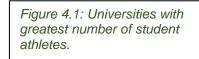
women's), baseball, cross country/track programs and other sports programs. Information related to initial athletic scholarship status also is included. Public 4-Year Universities and 2-Year Colleges provide athletic data to ADHE whereas Private/Independent Institutions do not; therefore, this report covers public institutions only.

Methodology

The methodology used herein closely follows the methodology used in the Annual Report on Student Retention and Graduation. The only factors different are the use of the athlete table and fields in the AHEIS/SISDB (Arkansas Higher Education Information System/Student Information System Database). These fields identify whether or not the athlete was first-time entering, what sport they participated in, and whether or not the student received an athletic scholarship.

The retention calculations herein are based on fall-to-fall comparisons of the students in the IPEDS cohort of first-time entering, full-time, and credential-seeking students from the fall term only for all institution types.

The graduation rates reported herein have been re-designed. The



graduation rates use a cohort of first-time entering, credentialseeking students from the entire academic year and include all full-

time and part-time students. In addition, the new graduation rates use a 100%, 150%, and 250% time 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 as shown below.

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

Table 4.1: Graduation Rate Definitions

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

- 100% Rate: Cohort 1: AY 2009 running through AY2012
- 100% Rate: Cohort 2: AY 2010 running through AY2013 •
- 100% Rate: Cohort 3: AY 2011 running through AY2014 •
- 100% Rate: Cohort 4: AY 2012 running through AY2015 •
- 100% Rate: Cohort 5: AY 2013 running through AY2016 •
- 150% Rate: Cohort 1: AY 2007 running through AY2012 •
- 150% Rate: Cohort 2: AY 2008 running through AY2013 •
- 150% Rate: Cohort 3: AY 2009 running through AY2014 •
- 150% Rate: Cohort 4: AY 2010 running through AY2015 •
- 150% Rate: Cohort 5: AY 2011 running through AY2016 •
- 250% Rate: Cohort 1: AY 2003 running through AY2012 •
- 250% Rate: Cohort 2: AY 2004 running through AY2013 ٠
- 250% Rate: Cohort 3: AY 2005 running through AY2014
- 250% Rate: Cohort 4: AY 2006 running through AY2015 •
- 250% Rate: Cohort 5: AY 2007 running through AY2016 •

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

- 100% Rate: Cohort 1: AY 2011 running through AY2012 •
- 100% Rate: Cohort 2: AY 2012 running through AY2013 ٠
- 100% Rate: Cohort 3: AY 2013 running through AY2014 •
- 100% Rate: Cohort 4: AY 2014 running through AY2015 •
- 100% Rate: Cohort 5: AY 2015 running through AY2016 •
- 150% Rate: Cohort 1: AY 2010 running through AY2012 •
- 150% Rate: Cohort 2: AY 2011 running through AY2013 •
- 150% Rate: Cohort 3: AY 2012 running through AY2014 •
- 150% Rate: Cohort 4: AY 2013 running through AY2015 •
- 150% Rate: Cohort 5: AY 2014 running through AY2016 •
- 250% Rate: Cohort 1: AY 2008 running through AY2012

- 250% Rate: Cohort 2: AY 2009 running through AY2013
- 250% Rate: Cohort 3: AY 2010 running through AY2014
- 250% Rate: Cohort 4: AY 2011 running through AY2015
- 250% Rate: Cohort 5: AY 2012 running through AY2016

NOTE: The methodology used herein does <u>not</u> 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 (AY2016 only)
- 12. MSCC [ASUMS] Mid-South Community College [ASU Mid-South]
- 13. NAC North Arkansas College

OVERVIEW OF ATHLETICS

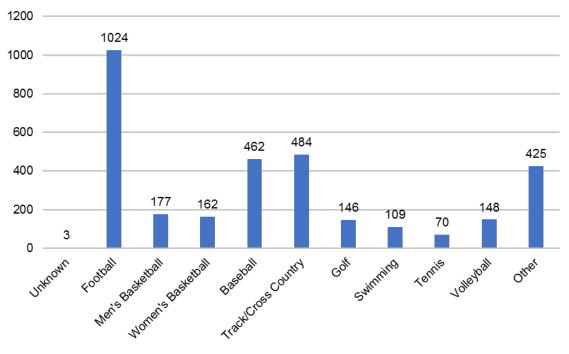
In Academic Year 2016, 3,210 students participated in athletics at the thirteen institutions referenced above. In AY2015 there were 3,233 students participating in athletics.



Figure 4.2: Athletes by Sport

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.

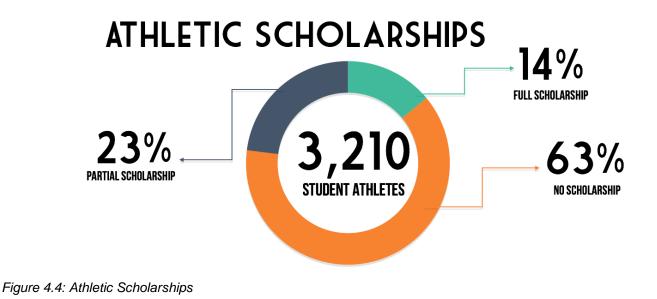
In terms of the number of participants, Football has the most participants followed by Track, Baseball, and Other.



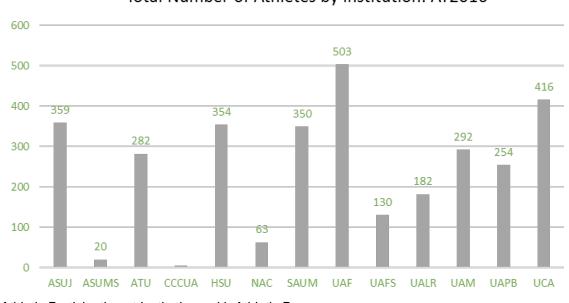
Participation by Sport: AY2016

Figure 4.3: Athletes by Sport – Detailed

Many students receive scholarships to participate in athletics. The below graph illustrates that the majority of students participating in athletics receive a partial scholarship (62.9 percent) and a small portion (14.0 percent) receive a full scholarship.



The below chart shows that UAF has the most student athletes.



Total Number of Athletes by Institution: AY2016

Figure 4.5: Athletic Participation at Institutions with Athletic Programs

ATHLETIC FALL-TO-FALL RETENTION RATES

Statewide

The below graph 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

1-YEAR RETENTION: ATHLETES VS. ALL STUDENTS

between participation and the impact of ancillary support services that many institutions provide to athletes.



Figure 4.6: 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).

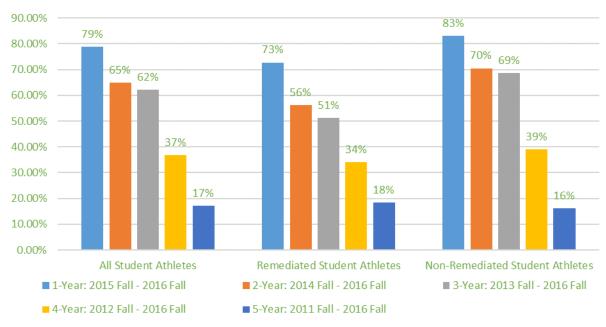
	1 Year Retention Rate of Athletes									
AY2012 AY2013 AY2014 AY2015 AY201										
	Cohort	Cohort	Cohort	Cohort	Cohort					
Institution Type	2011 Fall Cohort Retained to 2012 Fall	2012 Fall Cohort Retained to 2013 Fall	2013 Fall Cohort Retained to 2014 Fall	2014 Fall Cohort Retained to 2015 Fall	2015 Fall Cohort Retained to 2016 Fall					
4-Year University	78.9%	78.6%	80.0%	78.7%	78.8%					
2-Year College	64.6%	94.7%	86.1%	67.3%	80.4%					
Total	77.7%	79.0%	80.3%	78.1%	78.9%					

Table 4.2: 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.

1 Year Retention Rates of All Student Athletes, Remediated Student Athletes, and Non-Remediated Student Athletes: 2015 Fall to 2016 Fall							
	Athletes Only			All Students			
All Student Athletes		Non-Remediated: Student Athletes		Remediated: All Students	Non-Remediated: All Students		
78.90%	72.7%	83.1%	61.3%	67.6%	50.3%		

Table 4.3: One-Year Retention Rate of Student Athletes by remediation requirement



Retention Rates for Student Athletes: 1-5 Year Rates

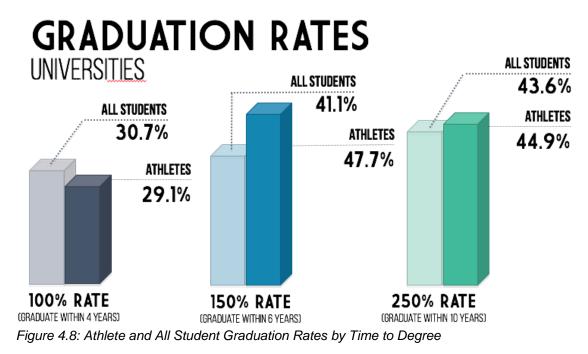
Figure 4.7: One-Year Retention Rate of Athletes by Remediation Requirement

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

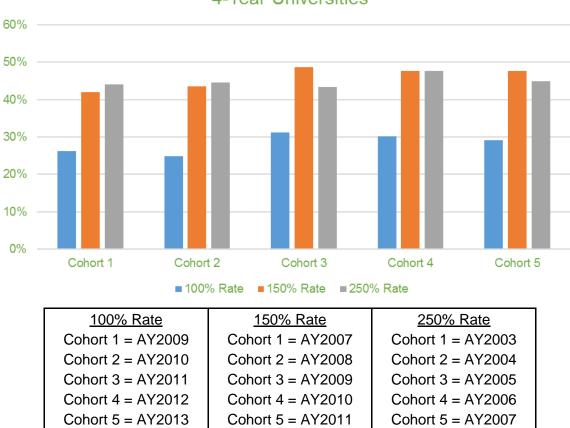
ADHE ATHLETIC ANNUAL GRADUATION RATES

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. The only factors different are the use of the athlete table and fields in the AHEIS/SISDB (Arkansas Higher Education Information System/Student Information System Database). These fields identify whether or not the athlete was first-time entering, what sport they participated in, and whether or not the student received an athletic scholarship. The graduation rates reported herein are called the ADHE Athletic Annual Graduation Rates.



As Figure 4.9 illustrates, the graduation rates are increasing for athletes for the 100% and 150% rates but declining for the 250% rate. (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.)



ADHE Annual Graduation Rates for Athletes: 4-Year Universities

Figure 4.9: 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 2 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.

Comparison of Graduation Rates for Athletes v. All Students: 4-Year Universities									
		Athletes		Α	I Student	ts	0	Difference	9
Cohort	100%	150%	250%	100%	150%	250%	100%	150%	250%
Conort	Rate	Rate	Rate	Rate	Rate	Rate	Rate	Rate	Rate
Cohort 1	26.2%	42.0%	44.0%	24.5%	39.1%	40.9%	1.7%	2.9%	3.1%
Cohort 2	24.9%	43.5%	44.6%	23.6%	38.2%	40.9%	1.3%	5.3%	3.7%
Cohort 3	31.2%	48.7%	43.4%	25.7%	40.0%	40.9%	5.5%	8.7%	2.5%
Cohort 4	30.2%	47.7%	47.6%	27.6%	39.7%	42.0%	2.6%	8.0%	5.6%
Cohort 5	29.1%	47.7%	44.9%	30.7%	41.1%	43.6%	-1.6%	6.6%	1.3%

Table 4.4: 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.

AE	ADHE Annual Graduation Rates for Athletes: 4-Year Universities							
Institution	100% Rate	150% Rate	250% Rate					
ASUJ	31.8%	60.0%	46.4%					
ATU	12.6%	38.3%	47.7%					
HSU	30.0%	40.2%	36.9%					
SAUM	19.3%	48.1%	36.9%					
UAF	44.0%	59.5%	56.1%					
UAFS	47.5%	48.0%	42.3%					
UALR	20.8%	50.0%	58.8%					
UAM	30.7%	27.8%	31.6%					
UAPB	27.3%	35.3%	42.3%					
UCA	26.2%	55.3%	45.8%					
Total	29.1%	47.7%	44.9%					

Table 4.5: Graduation Rates of Athletes by Institution - Universities

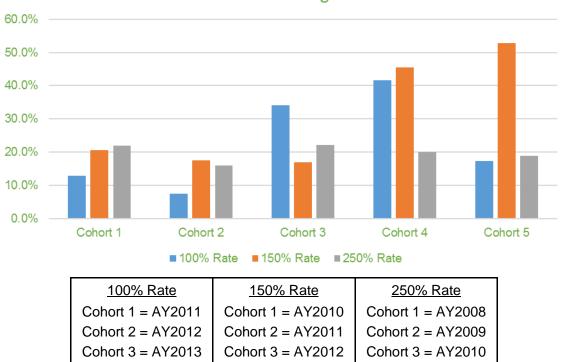
The new ADHE Athletic Annual Graduation Rates also provides information on students graduating at the home or transfer institution and continued enrollment at the home or transfer institution along with drop-out rates. Success is indicated by either graduating or being still enrolled at any Arkansas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

100% Rate	Graduat	ion Rate	Still E	nrolled	Dropped Out	Success
AY2013	Home	Transfer	Home	Transfer	Dropped Out	Success
ASUJ	31.8%	1.8%	31.8%	10.0%	24.5%	75.5%
ATU	12.6%	1.0%	30.1%	11.7%	44.7%	55.3%
HSU	30.0%	2.7%	18.2%	6.4%	42.7%	57.3%
SAUM	19.3%	4.8%	18.1%	10.8%	47.0%	53.0%
UAF	44.0%	1.5%	20.9%	3.7%	49.9%	70.1%
UAFS	47.5%	5.0%	7.5%	5.0%	35.0%	65.0%
UALR	20.8%	4.2%	14.6%	10.4%	50.0%	50.0%
UAM	30.7%	1.1%	11.4%	11.4%	45.5%	54.5%
UAMS	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
UAPB	27.3%	3.0%	39.4%	3.0%	27.3%	72.7%
UCA	26.2%	3.9%	33.0%	7.8%	29.1%	70.9%
Total	29.1%	2.6%	23.0%	8.2%	37.1%	62.9%
150% Rate	Graduat	ion Rate	Still E	nrolled	Dropped Out	Success
AY2011	Home	Transfer	Home	Transfer	Dropped Out	Success
ASUJ	60.0%	3.2%	2.1%	6.3%	28.4%	71.6%
ATU	38.3%	13.6%	2.5%	6.2%	39.5%	60.5%
HSU	40.2%	3.4%	4.6%	3.4%	48.3%	51.7%
SAUM	48.1%	7.4%	1.9%	5.6%	37.0%	63.0%

UAF	59.5%	4.0%	1.6%	2.4%	32.5%	67.5%
UAFS	48.0%	20.0%	12.0%	0.0%	20.0%	80.0%
UALR	50.0%	5.6%	2.8%	8.3%	33.3%	66.7%
UAM	27.8%	6.9%	0.0%	5.6%	59.7%	40.3%
UAMS	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
UAPB	35.3%	7.8%	0.0%	5.9%	51.0%	49.0%
UCA	55.3%	6.4%	4.3%	5.3%	28.7%	71.3%
Total	47.7%	6.7%	2.6%	4.9%	38.1%	61.9%
250%	Graduat	ion Rate	Still E	nrolled		
Rate AY2007	Home	Transfer	Home	Transfer	Dropped Out	Success
ASUJ	46.4%	4.1%	0.0%	4.1%	45.4%	54.6%
ATU	47.7%	9.1%	0.0%	5.7%	37.5%	52.5%
HSU	36.9%	6.0%	0.0%	1.2%	56.0%	44.0%
SAUM	36.9%	10.8%	1.5%	0.0%	50.8%	49.2%
UAF	56.1%	5.6%	1.9%	0.9%	35.5%	64.5%
UAFS	42.3%	7.7%	0.0%	0.0%	50.0%	50.0%
UALR	58.8%	5.9%	0.0%	2.9%	32.4%	67.6%
UAM	31.6%	8.8%	0.0%	1.8%	57.9%	42.1%
UAMS	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
UAPB	42.3%	7.7%	0.0%	0.0%	50.0%	50.0%
UCA	45.8%	6.3%	0.7%	4.2%	43.0%	57.0%
Total	44.9%	4.9%	0.5%	2.4%	45.2%	54.8%

Table 4.6: 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.



ADHE Annual Graduation Rates for Athletes: 2-Year Colleges

Figure 4.10: Athlete Graduation Rates by Cohort and Time to Degree - Colleges

Cohort 4 = AY2014

Cohort 5 = AY2015

Per the below table, the graduation rates for athletes at 2-Year Colleges are generally lower than all students for the cohorts reviewed though there is notable improvement in 100% rate for the last two cohorts.

Cohort 4 = AY2013

Cohort 5 = AY2014

Cohort 4 = AY2011

Cohort 5 = AY2012

	ADHE Annual Graduation Rates for Athletes: 2-Year Colleges								
		Athletes	5	All Students			Difference		
	100%	150%	250%	100%	150%	250%	100%	150%	250%
Cohort	Rate	Rate	Rate	Rate	Rate	Rate	Rate	Rate	Rate
Cohort 1	12.9%	20.6%	22.0%	13.3%	20.5%	28.5%	-0.4%	0.1%	-6.5%
Cohort 2	7.5%	17.6%	16.0%	13.6%	19.8%	28.0%	-6.1%	-2.2%	-12.0%
Cohort 3	34.1%	17.0%	22.1%	15.4%	20.2%	26.5%	18.7%	-3.2%	-4.4%
Cohort 4	41.7%	45.5%	20.0%	17.1%	22.0%	25.6%	24.6%	23.5%	-5.6%
Cohort 5	17.4%	52.8%	18.9%	18.7%	24.2%	25.6%	-1.3%	28.6%	-6.7%

Table 4.7: Graduation Rates of Athletes by Cohort and Time to Degree - Colleges

The below table 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	0%	38.5%	11.8%					
CCCUA	66.7%	N/A	N/A					
NAC	NAC 22.2% 60.9% 22.2%							
Total	17.4%	52.8%	18.9%					

Table 4.8: Graduation Rates of Athletes by Institution - Colleges

The new 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 drop-out rates. Success is indicated by either graduating or being still enrolled at any Arkansas institution.

100% Rate AY2015	Graduati	on Rate	Still Er	nrolled	Dropped Out	Success
A12013	Home	Transfer	Home	Transfer		
ASUMS	0.0%	0.0%	43.8%	37.5%	18.8%	81.3%
CCCUA	66.7%	0.0%	33.3%	33.3%	0.0%	100.0%
NAC	22.2%	0.0%	40.7%	11.1%	25.9%	74.1%
Total	17.4%	0.0%	41.3%	21.7%	19.6%	80.4%
150% Rate	Graduati	on Rate	Still Er	nrolled	Dropped	Success
AY2014	Home	Transfer	Home	Transfer	Out	Success
ASUMS	38.5%	0.0%	0.0%	38.5%	23.1%	76.9%
CCCUA	N/A	N/A	N/A	N/A	N/A	N/A
NAC	60.9%	0.0%	0.0%	52.2%	0.0%	100.0%
Total	52.8%	0.0%	0.0%	47.2%	0.0%	91.7%
250% Rate	Graduati	on Rate	Still Er	nrolled	Dropped	Success
AY2012	Home	Transfer	Home	Transfer	Out	Success
ASUMS	11.8%	0.0%	0.0%	5.9%	82.4%	17.6%
CCCUA	N/A	N/A	N/A	N/A	N/A	N/A
NAC	22.2%	16.7%	0.0%	25.0%	36.1%	63.9%
Total	18.9%	11.3%	0.0%	18.9%	50.9%	49.1%

Table 4.9: Graduation Rates of Athletes by Institution and Time to Degree Detailed - Colleges

Graduation Rates by Sport

	ADHE Annual Graduation Rates for Athletes by Sport									
	AY2013 4yr/ AY2015 2yr	AY2011 4yr/ AY2014 2yr	AY2007 4yr/ AY2012 2yr		AY2013 4yr/ AY2015 2yr	AY2011 4yr/ AY2014 2yr	AY2007 4yr/ AY2012 2yr			
Football	100% Rate	150% Rate	250% Rate	Men's Basketball	100% Rate	150% Rate	250% Rate			
4-Year Universities	19.7%	39.6%	36.4%	4-Year Universities	8.8%	46.2%	41.5%			
2-Year Colleges	N/A	N/A	N/A	2-Year Colleges	0.0%	50.0%	12.5%			
Women's Basketball	100% Rate	150% Rate	250% Rate	Baseball	100% Rate	150% Rate	250% Rate			
4-Year Universities	34.0%	37.5%	46.8%	4-Year Universities	17.0%	38.6%	40.9%			
2-Year Colleges	9.1%	50.0%	42.9%	2-Year Colleges	13.3%	40.0%	15.6%			
Track	100% Rate	150% Rate	250% Rate	All Others	100% Rate	150% Rate	250% Rate			
4-Year Universities	29.3%	58.8%	52.1%	4-Year Universities	47.3%	57.8%	52.2%			
2-Year Colleges	N/A	N/A	N/A	2-Year Colleges	55.6%	100.0%	16.7%			

The table below provides graduation rates by sport.

Table 4.10: Graduation Rates of Athletes by Sport

Remediation Rates of Student Athletes

The methodology used for remediation rates of student athletes is the same as that used in the regular remediation report except that we are counting student athletes only. Because 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).



Anytime Remediation Rates of Student Athletes

Figure 4.11: Athlete Remediation Rates by Institution Type

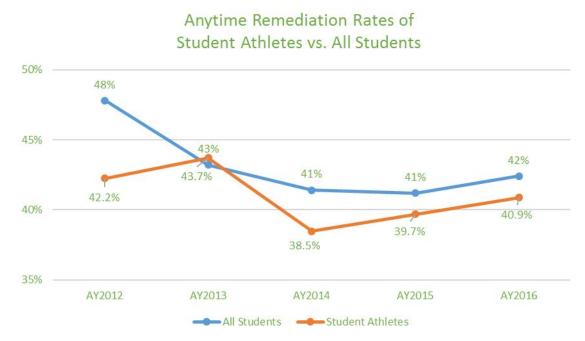
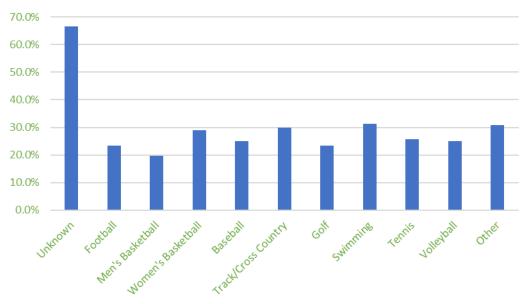


Figure 4.12: Athlete and All Student Remediation Rates

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



Anytime Remediation Rates by Sport: AY2016

Figure 4.13: Remediation Rates by Sport

As shown above, Football, Golf, and Men's Basketball have the lowest remediation rates for AY2015 (the 2014 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.

Comparison of ADHE Annual Graduation Rates between Remediated Athletes and All Student Athletes.								
	AY2013 4yr/ AY2015 2yr	AY2011 4yr/ AY2014 2yr	AY2007 4yr/ AY2012 2yr					
Remediated Athletes	100% Rate	150% Rate	250% Rate					
4-Year Universities	16.8%	33.9%	35.1%					
2-Year Colleges	14.7%	43.5%	10.3%					
All Student Athletes	100% Rate	150% Rate	250% Rate					
4-Year Universities	29.1%	47.7%	44.9%					
2-Year Colleges	17.4%	52.8%	18.9%					
Difference	100% Rate	150% Rate	250% Rate					
4-Year Universities	-12.3%	-13.8%	-9.8%					
2-Year Colleges	-2.7%	-9.3%	-8.6%					

Table 4.11: Graduation Rates of Athletes by Remediation Need

The following attachments can be found online at <u>www.adhe.edu</u>.

Overview of Athletic Participation
Retention Rates of All Cohort Athletes, Remediated4Athletes, and Non-
Remediated Athletes
Graduation Rates of Athletes including by Sport