

Comprehensive Arkansas Higher Education Annual Report

December 1, 2016

Annual Report on Retention and Graduation of Intercollegiate Athletics



Research & Technology

Arkansas Department of Higher Education

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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 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 fist-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, credential-seeking 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
4-Year Universities	100%	4 Academic Years + July/August in the 5 th AY
	150%	6 Academic Years + July/August in the 7 th AY
	250%	10 Academic Years + July/August in the 11 th AY
2-Year Colleges	100%	2 Academic Years + July/August in the 3 rd AY
	150%	3 Academic Years + July/August in the 4 th AY
	250%	5 Academic Years + July/August in the 6 th AY
Private/Independents	100%	4 Academic Years + July/August in the 5 th AY
	150%	6 Academic Years + July/August in the 7 th AY
	250%	10 Academic Years + July/August in the 11 th AY
AY = Academic Year		

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

- 100% Rate: Cohort Year 2008 running through AY2011
- 100% Rate: Cohort Year 2009 running through AY2012
- 100% Rate: Cohort Year 2010 running through AY2013
- 100% Rate: Cohort Year 2011 running through AY2014
- 100% Rate: Cohort Year 2012 running through AY2015
- 150% Rate: Cohort Year 2006 running through AY2011
- 150% Rate: Cohort Year 2007 running through AY2012
- 150% Rate: Cohort Year 2008 running through AY2013
- 150% Rate: Cohort Year 2009 running through AY2014
- 150% Rate: Cohort Year 2010 running through AY2015
- 250% Rate: Cohort Year 2002 running through AY2011
- 250% Rate: Cohort Year 2003 running through AY2012
- 250% Rate: Cohort Year 2004 running through AY2013
- 250% Rate: Cohort Year 2005 running through AY2014
- 250% Rate: Cohort Year 2006 running through AY2015

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

- 100% Rate: Cohort Year 2010 running through AY2011
- 100% Rate: Cohort Year 2011 running through AY2012
- 100% Rate: Cohort Year 2012 running through AY2013
- 100% Rate: Cohort Year 2013 running through AY2014
- 100% Rate: Cohort Year 2014 running through AY2015
- 150% Rate: Cohort Year 2009 running through AY2011
- 150% Rate: Cohort Year 2010 running through AY2012
- 150% Rate: Cohort Year 2011 running through AY2013
- 150% Rate: Cohort Year 2012 running through AY2014
- 150% Rate: Cohort Year 2013 running through AY2015
- 250% Rate: Cohort Year 2007 running through AY2011
- 250% Rate: Cohort Year 2008 running through AY2012
- 250% Rate: Cohort Year 2009 running through AY2013
- 250% Rate: Cohort Year 2010 running through AY2014
- 250% Rate: Cohort Year 2011 running through AY2015

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 two 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

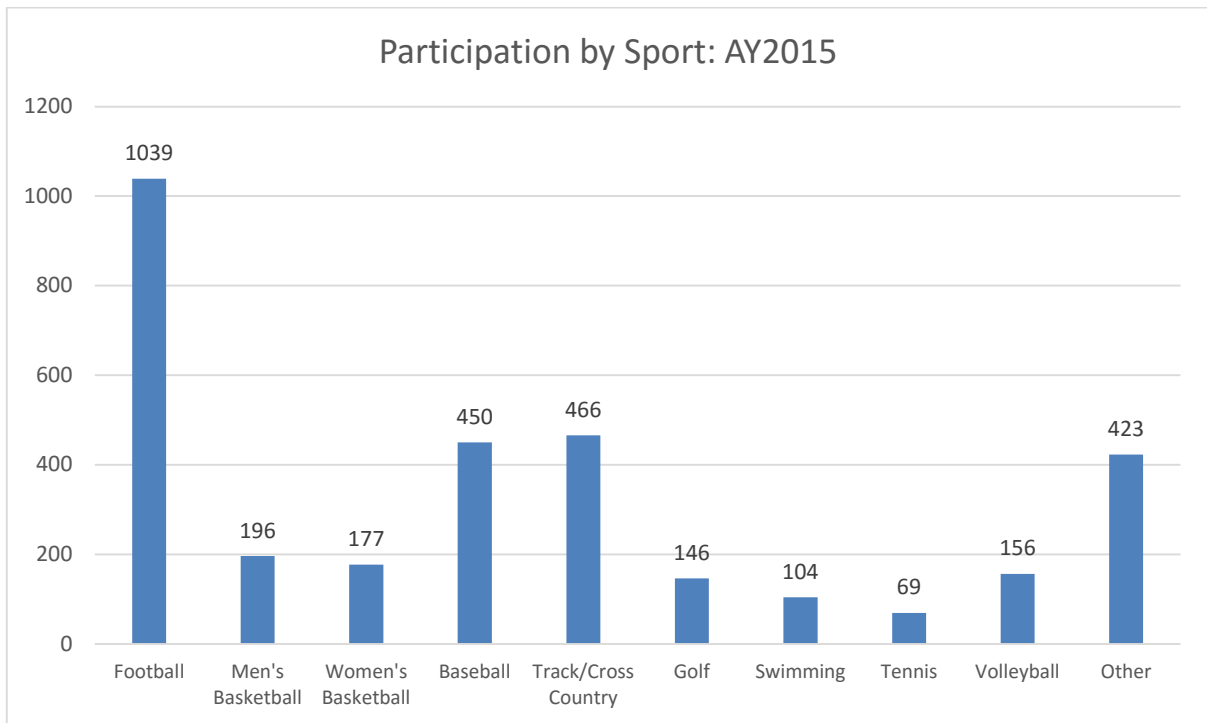
5. UAF – University of Arkansas, Fayetteville
6. UAFS – University of Arkansas - Fort Smith
7. UALR – University of Arkansas at Little Rock
8. UAM – University of Arkansas at Monticello
9. UAPB – University of Arkansas at Pine Bluff
10. UCA – University of Central Arkansas
11. MSCC [ASUMS] – Mid-South Community College [ASU Mid-South]
12. NAC – North Arkansas College

OVERVIEW OF ATHLETICS

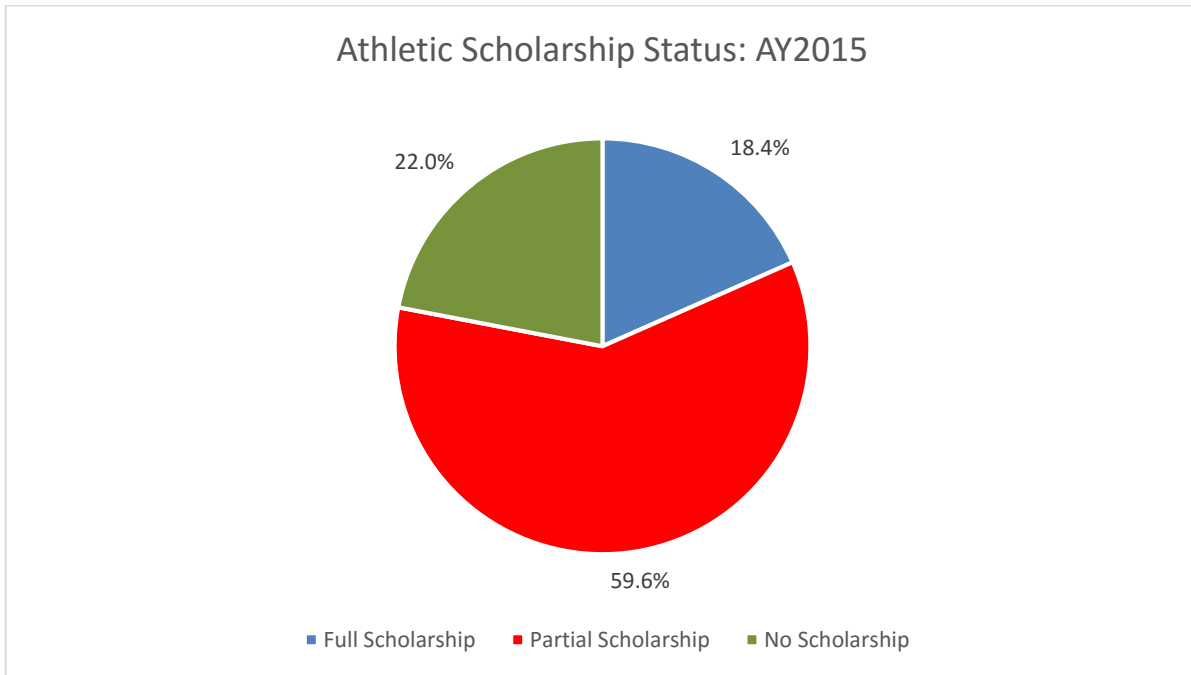
In Academic Year 2015, 3,226 students participated in athletics at the twelve institutions referenced above. In AY2014 there were 3,037 students participating in athletics.

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.

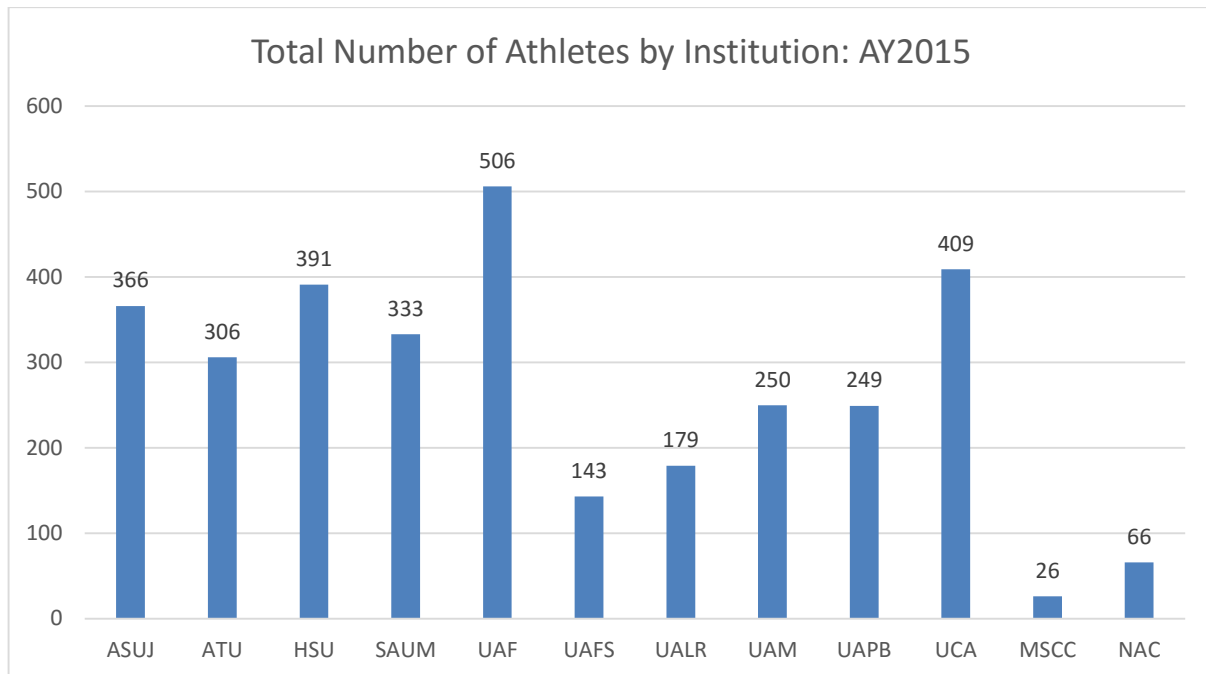
In terms of the number of participants, Football has the most participants followed by Track, Baseball, and Other.



Many students receive scholarships to participate in athletics. The below graph illustrates that the majority of students participating in athletics receive a partial scholarship (59.6 percent) and a small portion (18.4 percent) receive a full scholarship.



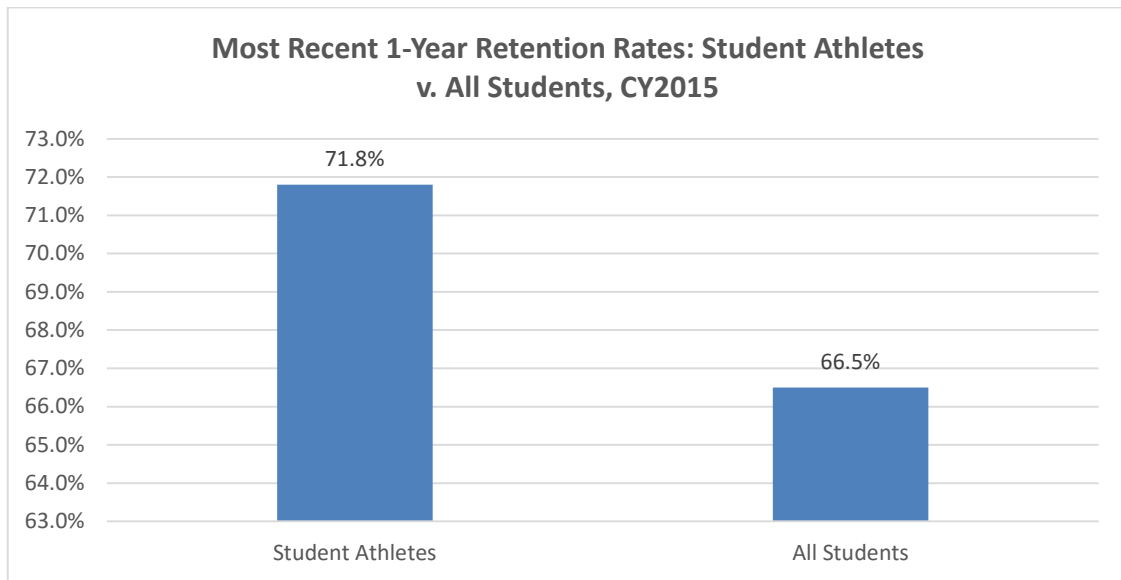
The below chart shows that UAF has the most student athletes.



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

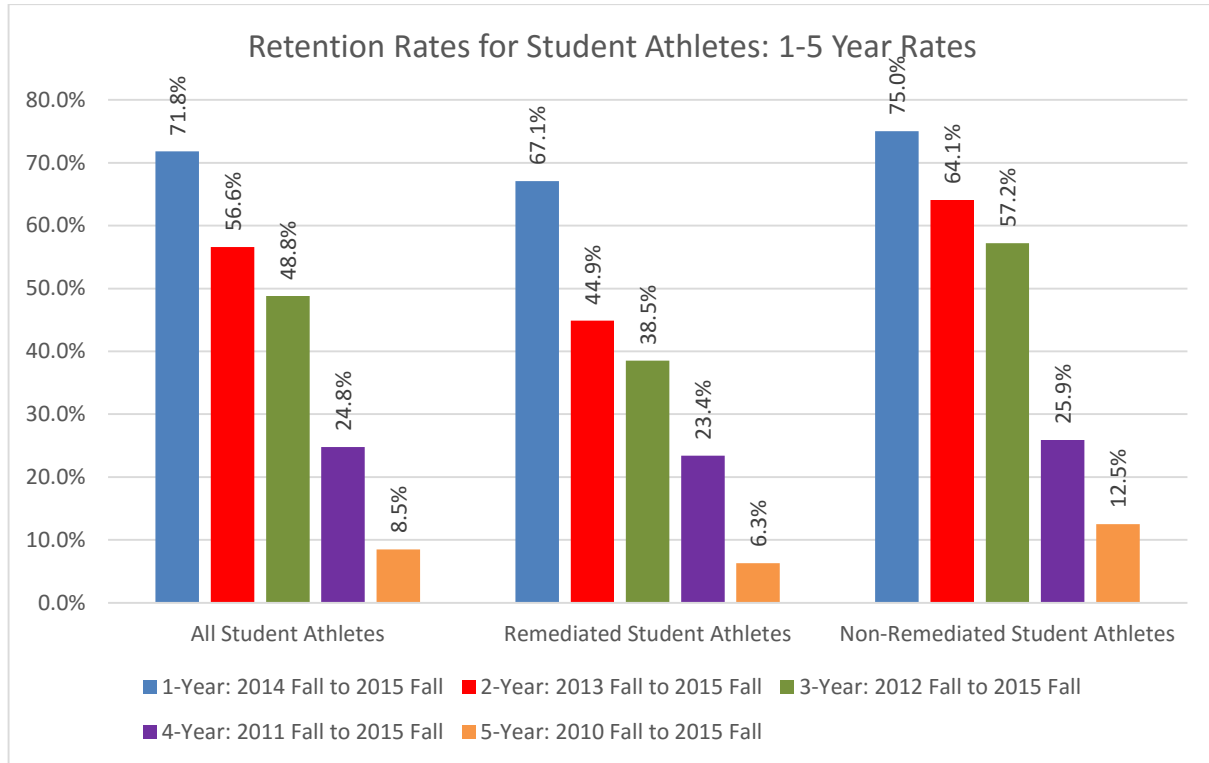


The next graph shows the 1-year retention rates for student athletes for the last five years (fall-to-fall).

	CY2011	CY2012	CY2013	CY2014	CY2015
Inst. Type	2010 Fall to 2011 Fall	2011 Fall to 2012 Fall	2012 Fall to 2013 Fall	2013 Fall to 2014 Fall	2014 Fall to 2015 Fall
4-Year Universities	72.0%	72.2%	71.9%	73.5%	72.7%
2-Year Colleges	53.8%	48.0%	86.0%	80.6%	53.3%
Total	70.2%	70.7%	72.6%	73.8%	71.8%

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

Athletes Only			All Students		
All Student Athletes	Remediated Student Athletes	Non-Remediated Student Athletes	All Students	All Remediated Students	All Non-Remediated Students
71.8%	67.1%	75.0%	64.3%	51.1%	73.1%



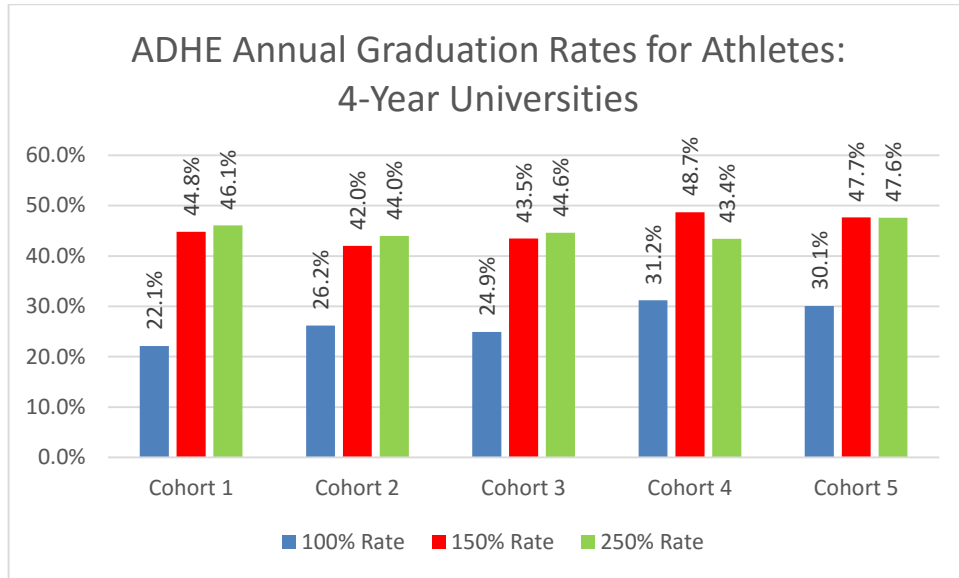
The above graph shows that non-remediated athletes are retained at higher rates than remediated athletes for all cohorts.

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 the graph 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.)



100% Rate	150% Rate	250% Rate
Cohort 1 = CY2008	Cohort 1 = CY2006	Cohort 1 = CY2002
Cohort 2 = CY2009	Cohort 2 = CY2007	Cohort 2 = CY2003
Cohort 3 = CY2010	Cohort 3 = CY2008	Cohort 3 = CY2004
Cohort 4 = CY2011	Cohort 4 = CY2009	Cohort 4 = CY2005
Cohort 5 = CY2012	Cohort 5 = CY2010	Cohort 5 = CY2006

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 their athletes.

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	22.1%	44.8%	46.1%	23.1%	37.3%	41.1%	-1.0%	7.5%	5.0%
Cohort 2	26.2%	42.0%	44.0%	24.5%	39.1%	40.7%	1.7%	2.9%	3.3%
Cohort 3	24.9%	43.5%	44.6%	23.6%	38.2%	40.9%	1.4%	5.3%	3.6%
Cohort 4	31.2%	48.7%	43.4%	25.7%	40.0%	40.9%	5.5%	8.7%	2.4%
Cohort 5	30.1%	47.7%	47.6%	27.6%	39.7%	42.0%	2.5%	8.0%	5.6%

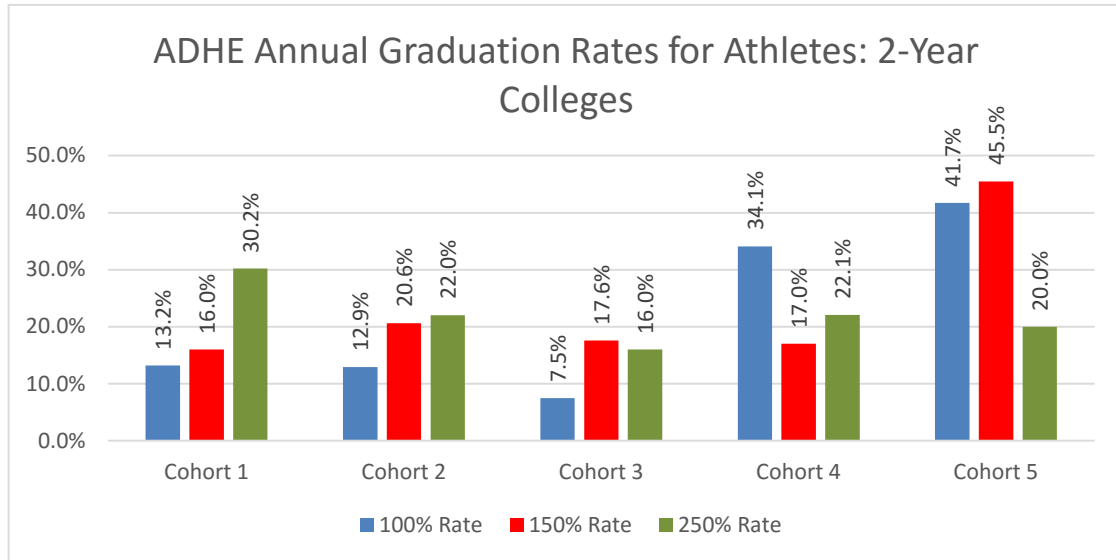
The below table provides the most recent graduation rates for athletes at 4-Year Universities.

Institution	100% Rate	150% Rate	250% Rate
ASUJ	32.1%	55.1%	50.0%
ATU	18.9%	42.4%	51.9%
HSU	35.4%	41.3%	35.6%
SAUM	25.3%	30.5%	25.0%
UAF	34.5%	56.3%	53.2%
UAFS	43.9%	48.6%	39.5%
UALR	48.9%	54.8%	47.1%
UAM	17.2%	38.8%	46.3%
UAMS	0.0%	0.0%	0.0%
UAPB	27.3%	36.4%	51.1%
UCA	27.4%	56.6%	53.9%
Total	30.1%	47.7%	47.6%

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 CY2011			Graduation Rate		Still Enrolled		Dropped Out	Success
			Home	Transfer	Home	Transfer		
1	1	ASUJ	32.1%	1.2%	30.9%	9.9%	25.9%	74.1%
2	1	ATU	18.9%	3.3%	23.3%	21.1%	33.3%	66.7%
3	1	HSU	35.4%	2.4%	28%	8.5%	25.6%	74.4%
4	1	SAUM	25.3%	3.6%	15.7%	9.6%	45.8%	54.2%
5	1	UAF	34.5%	2.0%	25.7%	4.1%	33.8%	66.2%
6	1	UAFS	43.9%	2.4%	24.4%	4.9%	24.4%	75.6%
7	1	UALR	48.9%	2.2%	17.8%	15.6%	15.6%	84.4%
8	1	UAM	17.2%	7.8%	12.5%	17.2%	45.3%	54.7%
9	1	UAMS	0.0%	0.0%	0%	0.0%	0.0%	0.0%
10	1	UAPB	27.3%	2.3%	34.1%	4.5%	31.8%	68.2%
11	1	UCA	27.4%	4.4%	29.2%	10.6%	28.3%	71.7%
4-Year Universities			30.1%	3.2%	24.5%	10.4%	31.9%	68.1%
150% Rate CY2009			Graduation Rate		Still Enrolled		Dropped Out	Success
			Home	Transfer	Home	Transfer		
1	1	ASUJ	55.1%	3.4%	0%	3.4%	38.2%	61.8%
2	1	ATU	42.4%	6.8%	6.8%	10.2%	33.9%	66.1%
3	1	HSU	41.3%	9.3%	5.3%	1.3%	42.7%	57.3%
4	1	SAUM	30.5%	10.2%	1.7%	10.2%	47.5%	52.5%
5	1	UAF	56.3%	2.1%	1.4%	2.1%	38.0%	62.0%
6	1	UAFS	48.6%	2.7%	2.7%	8.1%	37.8%	62.2%
7	1	UALR	54.8%	6.5%	9.7%	16.1%	12.9%	87.1%
8	1	UAM	38.8%	6.1%	2%	12.2%	40.8%	59.2%
9	1	UAMS	0.0%	0.0%	0%	0.0%	0.0%	0.0%
10	1	UAPB	36.4%	3.0%	1.5%	3.0%	56.1%	43.9%
11	1	UCA	56.6%	5.1%	0%	9.1%	29.3%	70.7%
4-Year Universities			47.7%	5.1%	2.4%	6.2%	38.5%	61.5%
250% Rate CY2005			Graduation Rate		Still Enrolled		Dropped Out	Success
			Home	Transfer	Home	Transfer		
1	1	ASUJ	50.0%	5.1%	0%	1.0%	43.9%	56.1%
2	1	ATU	51.9%	13.9%	0%	5.1%	29.1%	70.9%
3	1	HSU	35.6%	14.9%	0%	0.0%	49.4%	50.6%
4	1	SAUM	25.0%	2.8%	0%	5.6%	66.7%	33.3%
5	1	UAF	53.2%	5.0%	0.7%	1.4%	39.6%	60.4%
6	1	UAFS	39.5%	15.8%	0%	2.6%	42.1%	57.9%
7	1	UALR	47.1%	8.8%	0%	0.0%	44.1%	55.9%
8	1	UAM	46.3%	7.3%	0%	9.8%	36.6%	63.4%
9	1	UAMS	0.0%	0.0%	0%	0.0%	0.0%	0.0%
10	1	UAPB	51.1%	2.1%	0%	2.1%	44.7%	55.3%
11	1	UCA	53.9%	6.1%	0.9%	6.1%	33.0%	67.0%
4-Year Universities			47.6%	8.0%	0.3%	3.1%	41.0%	59.0%
NOTE: UAMS has no athletes.								

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.



100% Rate	150% Rate	250% Rate
Cohort 1 = CY2010	Cohort 1 = CY2009	Cohort 1 = CY2007
Cohort 2 = CY2011	Cohort 2 = CY2010	Cohort 2 = CY2008
Cohort 3 = CY2012	Cohort 3 = CY2011	Cohort 3 = CY2009
Cohort 4 = CY2013	Cohort 4 = CY2012	Cohort 4 = CY2010
Cohort 5 = CY2014	Cohort 5 = CY2013	Cohort 5 = CY2011

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.

Comparison of Graduation Rates for Athletes v. All Students: 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	13.2%	16.0%	30.2%	13.7%	22.0%	26.0%	-0.4%	-6.0%	4.2%
Cohort 2	12.9%	20.6%	22.0%	13.3%	20.5%	28.5%	-0.3%	0.1%	-6.4%
Cohort 3	7.5%	17.6%	16.0%	13.5%	19.7%	28.0%	-6.0%	-2.1%	-12.0%
Cohort 4	34.1%	17.0%	22.1%	15.3%	19.9%	26.5%	18.8%	-2.9%	-4.4%
Cohort 5	41.7%	45.5%	20.0%	17.0%	20.2%	25.6%	24.7%	25.3%	-5.6%

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
MSCC/ASUMS	23.1%	27.8%	4.3%
NAC	52.2%	57.7%	25.8%
Total	41.7%	45.5%	20.0%

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 CY2014			Graduation Rate		Still Enrolled		Dropped Out	Success
			Home	Transfer	Home	Transfer		
1	2	MSCC/ASUMS	23.1%	0.0%	61.5%	23.1%	0.0%	107.7%
2	2	NAC	52.2%	0.0%	30.4%	8.7%	8.7%	91.3%
2-Year Colleges			41.7%	0.0%	41.7%	13.9%	2.8%	97.2%
150% Rate CY2013			Graduation Rate		Still Enrolled		Dropped Out	Success
			Home	Transfer	Home	Transfer		
1	2	MSCC	27.8%	0.0%	16.7%	38.9%	16.7%	8.3%
2	2	NAC	57.7%	0.0%	11.5%	38.5%	0.0%	107.7%
2-Year Colleges			45.5%	0.0%	13.6%	38.6%	2.3%	97.7%
250% Rate CY2012			Graduation Rate		Still Enrolled		Dropped Out	Success
			Home	Transfer	Home	Transfer		
1	2	MSCC	4.3%	0.0%	4.3%	13.0%	78.3%	21.7%
2	2	NAC	25.8%	6.5%	0.0%	11.3%	56.5%	43.5%
2-Year Colleges			20.0%	4.7%	1.2%	11.8%	62.4%	37.6%

Graduation Rates by Sport

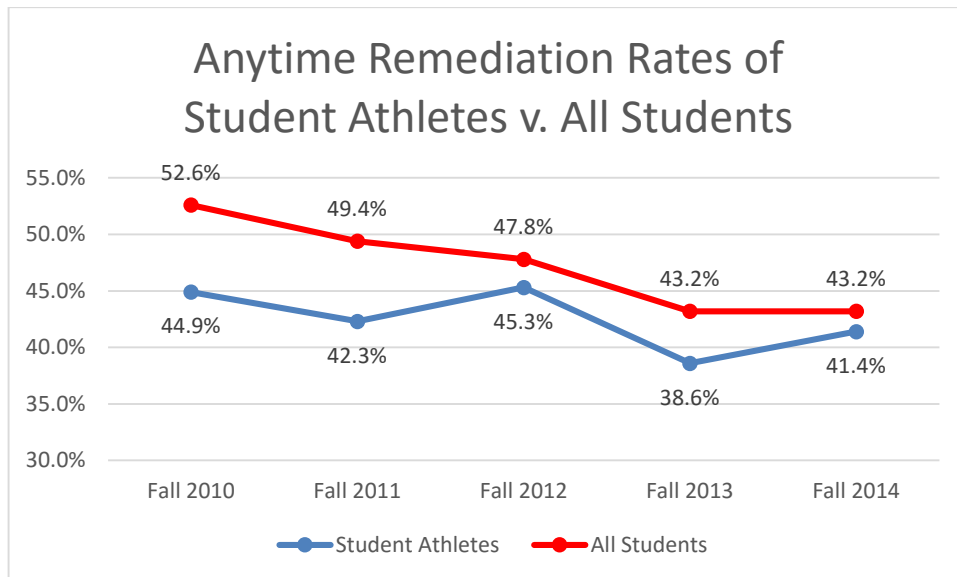
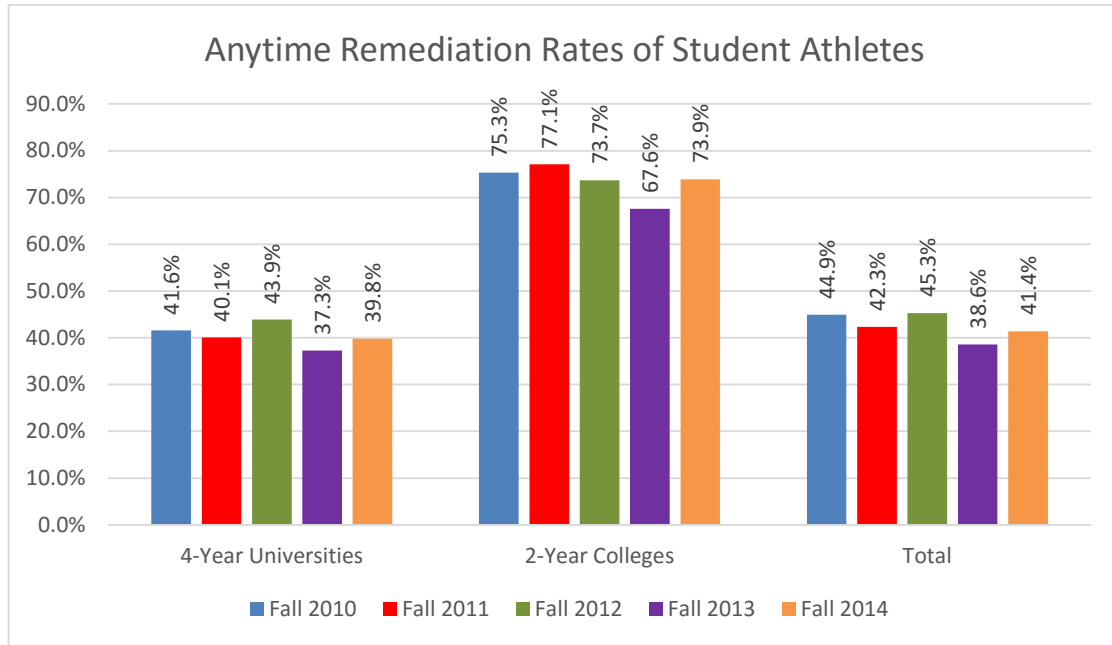
The table below provides graduation rates by sport.

ADHE Annual Graduation Rates for Athletes by Sport							
Football	100% Rate	150% Rate	250% Rate	Men's Basketball	100% Rate	150% Rate	250% Rate
4-Year Universities	19.3%	40.4%	38.7%	4-Year Universities	20.8%	36.0%	33.3%
2-Year Colleges				2-Year Colleges	37.5%	0.0%	20.0%
Women's Basketball	100% Rate	150% Rate	250% Rate	Baseball	100% Rate	150% Rate	250% Rate
4-Year Universities	43.2%	34.0%	47.1%	4-Year Universities	23.7%	40.4%	48.5%
2-Year Colleges	42.9%	66.7%	33.3%	2-Year Colleges	30.0%	36.0%	13.0%
Track	100% Rate	150% Rate	250% Rate	All Others	100% Rate	150% Rate	250% Rate
4-Year Universities	36.6%	57.7%	56.1%	4-Year Universities	40.0%	56.6%	55.5%
2-Year Colleges				2-Year Colleges	75.0%	77.8%	41.7%

NOTE: 2-Year Colleges did not participate in Football or Track.

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 2014 Fall term (AY2015).



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