

## 2013 - 2014 CAATE ANALYTIC REPORT



This report is designed to provide information about Professional and Post-Professional Athletic Training programs, students, and faculty. The data included in this fact sheet were taken from the 2013-2014 Annual Report completed in October of 2014, and from the BOC pass rate information provided by the BOC in December of 2014. This report describes only accredited Professional and Post-Professional programs in the United States, and unless otherwise indicated, the data reflect the 2013-2014 academic year.

**2013-2014 CAATE ACCREDITED PROGRAMS ANALYTICS REPORT  
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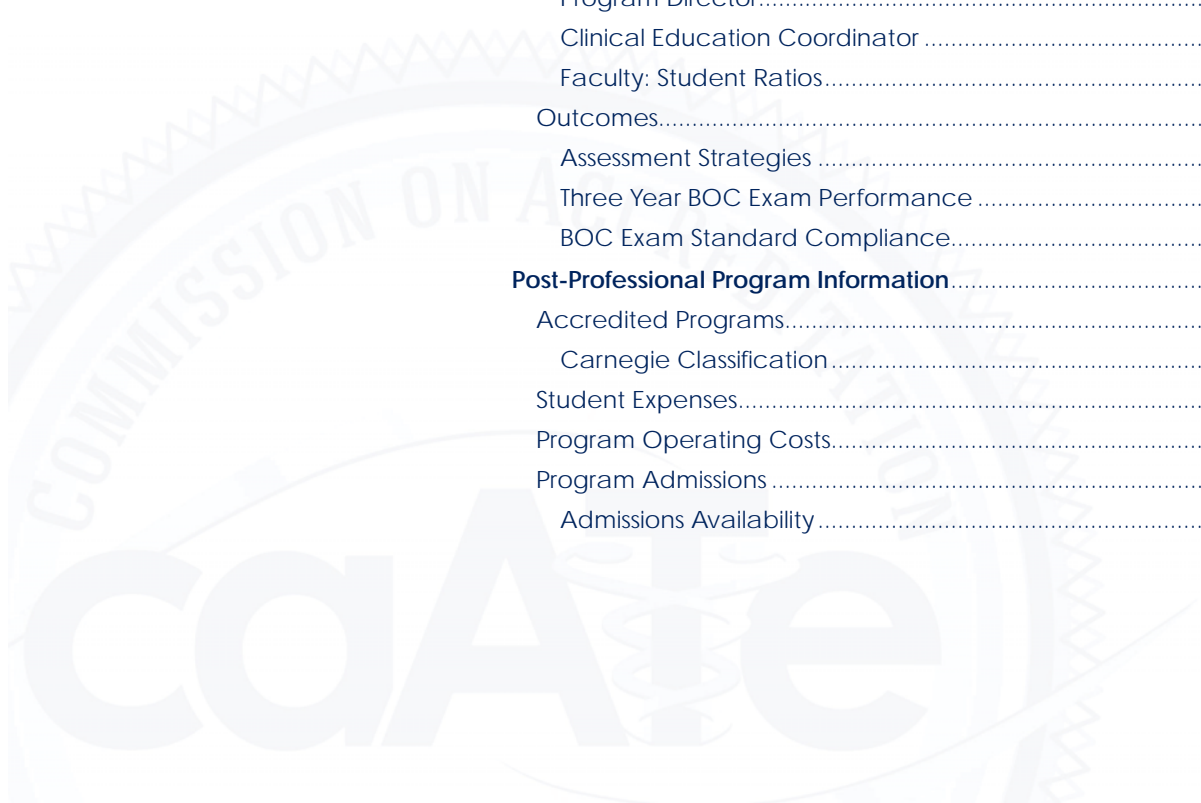
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## LETTER FROM THE PRESIDENT



It has been an exciting and change filled year for athletic training education. While many changes remain on the horizon, it is important that we take the time to examine the current status of our programs. I am pleased to have the opportunity to present the first analytics report for CAATE accredited athletic training programs. These data, in this form, have not previously been available. Through the use of our new electronic accreditation system, we are able to present basic information about accredited programs. We anticipate that these data will continue to become more refined in the next few years as more data is collected. There were 384 CAATE accredited programs last year providing professional and post-professional preparation to over 13,400 students. The data provided offers a snapshot of existing program structure, faculty and student data, and institutional information.

This report contains the information collected via eAccreditation from the 2013-2014 Annual Report for professional and post-professional degree programs, some of which I have summarized below. Residency programs, while a vital component of post-professional athletic training preparation, did not complete an Annual Report last year, so only very basic demographic information is presented this year. More data will be included in future reports as it becomes available. The information presented was gathered by asking the residency program directors to complete a short demographic questionnaire.

Both types of degree programs were more often offered at public institutions and varied widely in prospective costs to students. The majority of professional programs used a secondary admissions process. Post-professional programs maintained an average admission cohort size that was smaller than most professional programs.

Program Directors for both professional and post-professional degree granting programs were overwhelmingly on a 10-month appointment, while Clinical Education Coordinators were split; the majority of those at professional programs also on a 10 month appointment, and those at post-professional programs were mostly on a 9 month appointment. Student information pertaining to sex, race, and ethnicity indicate that there is a predominantly white, non-Hispanic, female demographic in the majority of existing athletic training programs. There was a wide range reported for faculty to student ratios for both lecture and laboratory courses however, the majority of programs report sustaining a preceptor ratio of one preceptor to every 2-3 students.

The information contained in the following pages is reported by Program Directors, and is assumed to be accurate. As we move forward with collection of data through eAccreditation, we will continue to add and adapt the data collected in order to better inform the public. Ideally, this report, and those released in the future, will assist in providing not just information as to the current picture of athletic training education, but also benchmarking opportunities for the profession and existing programs as we continue to evolve in the ever changing landscape of higher education and healthcare.

# PROFESSIONAL PROGRAM INFORMATION

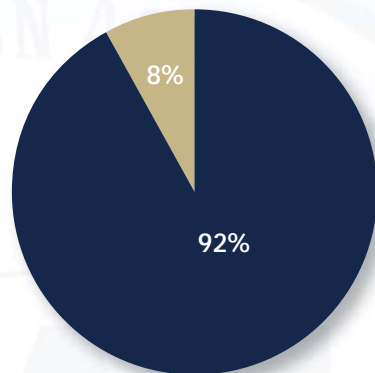
## PROFESSIONAL PROGRAM OVERVIEW

The average professional AT program (2013-2014) at a glance:	
Institution type:	Public
Degree:	Baccalaureate
Admissions Process:	Secondary Admissions
New Students Admitted:	15
Program Enrollment:	36
Student Sex Ratio:	3:2 female to male
Student Race Ratio:	5:1 white to all other races
Clinical Education Ratio:	1:4 preceptor to student
Program Director:	Tenure track faculty with 10 month appointment
Clinical Education Coordinator:	9 month appointment

## ACCREDITED PROGRAMS

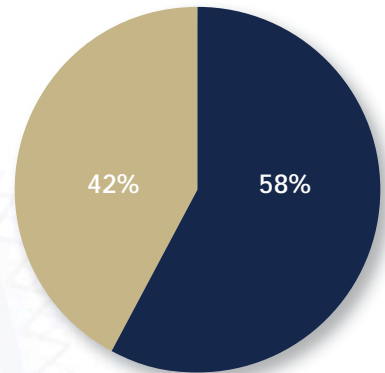
During the 2013-2014 academic year there were 368 CAATE-accredited professional programs. The majority (92%) of these were programs that were offered at the baccalaureate level.

CAATE ACCREDITED  
PROFESSIONAL PROGRAM  
DEGREE LEVEL



■ Baccalaureate (N = 337)  
■ Master's Degree (N = 31)

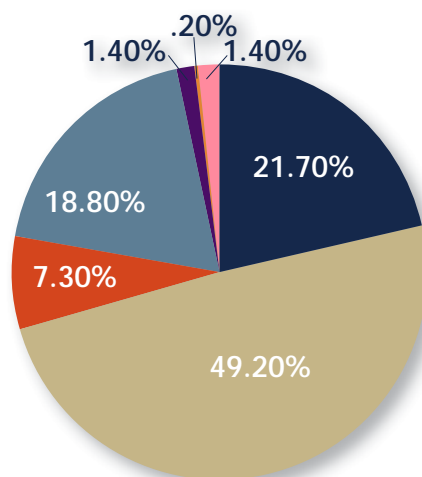
CAATE ACCREDITED  
PROFESSIONAL PROGRAM  
INSTITUTION TYPE (%)



■ Public (N = 212)  
■ Private (N = 156)

## PROFESSIONAL PROGRAM INFORMATION

### CARNEGIE CLASSIFICATION



### Student Expenses

Program Directors listed the associated costs to attend the institution, and were instructed to include lab fees in the Annual Fee section. "Annual Other Costs" included liability insurance and other publicized associated costs for their program.

	Public Institution		Private Institution	
	In State	Out of State	In State	Out of State
Annual Tuition	8992 ± 6891	18209 ± 7292	27092 ± 7222	26514 ± 7916
Annual Fees	1633 ± 1696	1867 ± 2271	1845 ± 3077	1888 ± 3215
Annual Other Costs	1925 ± 3985	1949 ± 4044	2830 ± 4346	2772 ± 4304
<b>Total Annual Cost</b>	<b>12554 ± 8476</b>	<b>22069 ± 9117</b>	<b>31532 ± 9347</b>	<b>31197 ± 9760</b>

Mean (dollars) ± SD, N = 366, Outliers (N=2) were removed from this analysis

### Program Operating Costs

Programs indicated the program costs associated with administrative support and faculty/instructional staff. If positions were shared between programs, respondents were instructed to include only the amount of the position specifically charged to the program. Operational costs included expendable supplies, equipment, professional development, etc.

## PROFESSIONAL PROGRAM INFORMATION

	All Professional Programs	Public	Private
Cost for Administrative Support	22,434 ± 32,407	25,240 ± 36,838	18,570 ± 24,654
Cost for Faculty/Instructional Staff	212,469 ± 134,542	224,915 ± 140,318	195,324 ± 124,582
Operational Costs	18,920 ± 23,789	17,397 ± 19,102	21,018 ± 28,973

Mean (dollars) ± SD, N= 359, Outliers (N=2) were removed from this analysis, Missing responses (N =7) also excluded

## PROGRAM ADMISSIONS

### Admissions Process

Program Directors were asked to identify the admissions process used by their program. A process in which the student is admitted to the program upon admittance to the institution is a direct admissions process, whereas a secondary admissions process is one in which the student applies to the program separately from the institution. The majority of professional programs (92.1%) indicate using a secondary admissions process.

	All Professional Programs	Baccalaureate Programs	Master's Degree Programs
	Number (%)	Number (%)	Number (%)
Direct Admissions	25 (6.8)	14 (4.2)	11 (35.5)
Secondary Admissions	339 (92.1)	320 (95)	19 (61.3)
No response	4 (1.1)	3 (0.9)	1 (3.2)

N = 368

### Admissions Availability

	All Professional Programs		Baccalaureate Programs		Master's Degree Programs	
	Mean	Total	Mean	Total	Mean	Total
Admission Slots Available	19.1	6944	19.3	6456	16.3	488
Completed Applications	29.9	10873	29.7	9919	31.8	954
Students Offered Admission	18.0	6558	18.0	6008	18.3	550
Students Accepting Offer	14.5	5287	12.5	4911	12.5	376

N = 368

## STUDENT ENROLLMENT

### Enrollment by Sex

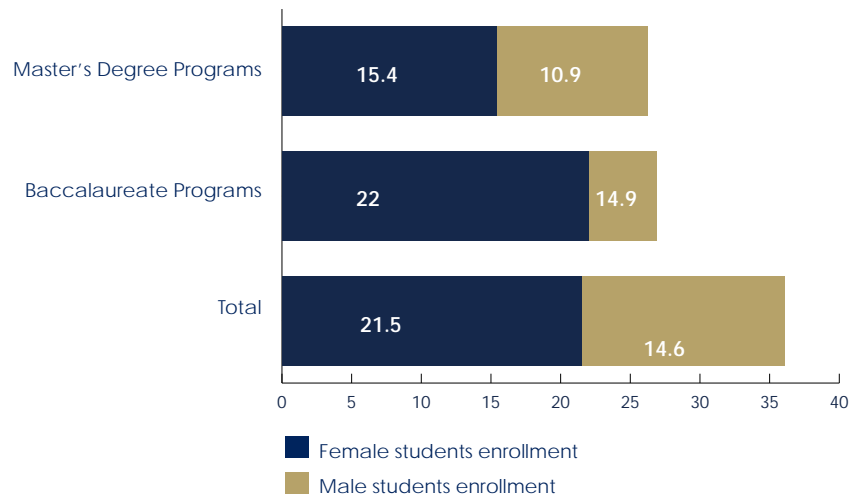
	All Professional Programs	Baccalaureate Programs	Master's Degree Programs
Total Student Enrollment (Mean)	36.1	37	26.3
Female Student Enrollment (Mean)	21.5	22	15.4
Male Student Enrollment (Mean)	14.6	14.9	10.9

N = 368

Note: This is total enrollment, not per cohort.

## PROFESSIONAL PROGRAM INFORMATION

### PROFESSIONAL PROGRAM ENROLLMENT BY SEX (MEAN)



### Enrollment by Race

	All Professional Programs	Baccalaureate Programs	Master's Degree Programs
American Indian	0.2	0.2	0.1
Asian	0.8	0.8	1.5
Black	2.4	2.4	2.6
Other	1.2	1.1	1.8
Unknown	1.3	1.4	0.5
White	29.7	30.6	19.5

Mean number per program, N = 368

### Enrollment by Ethnicity

	All Professional Programs	Baccalaureate Programs	Master's Degree Programs
Hawaiian/Pacific Islander	0.1	0.1	0.1
Hispanic	2.0	2.0	2.2
Non-Hispanic	30.5	31.4	21

Mean number per program, N = 368

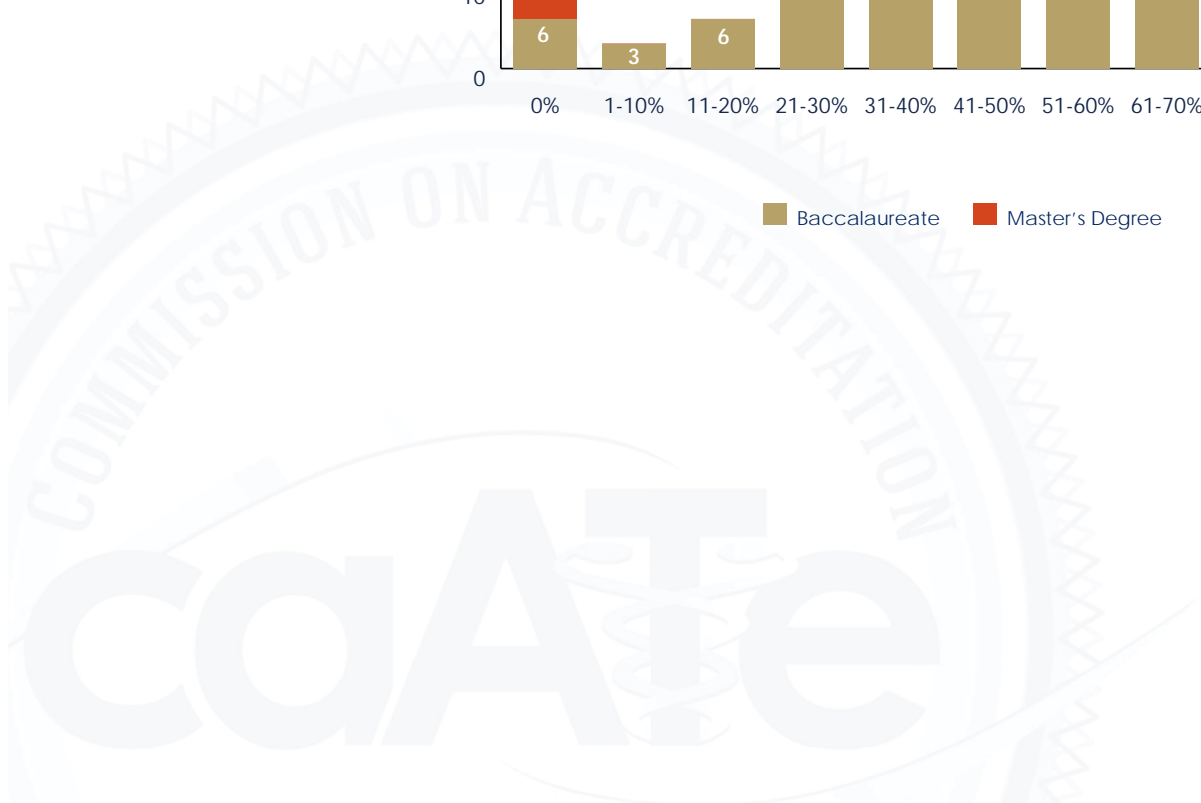
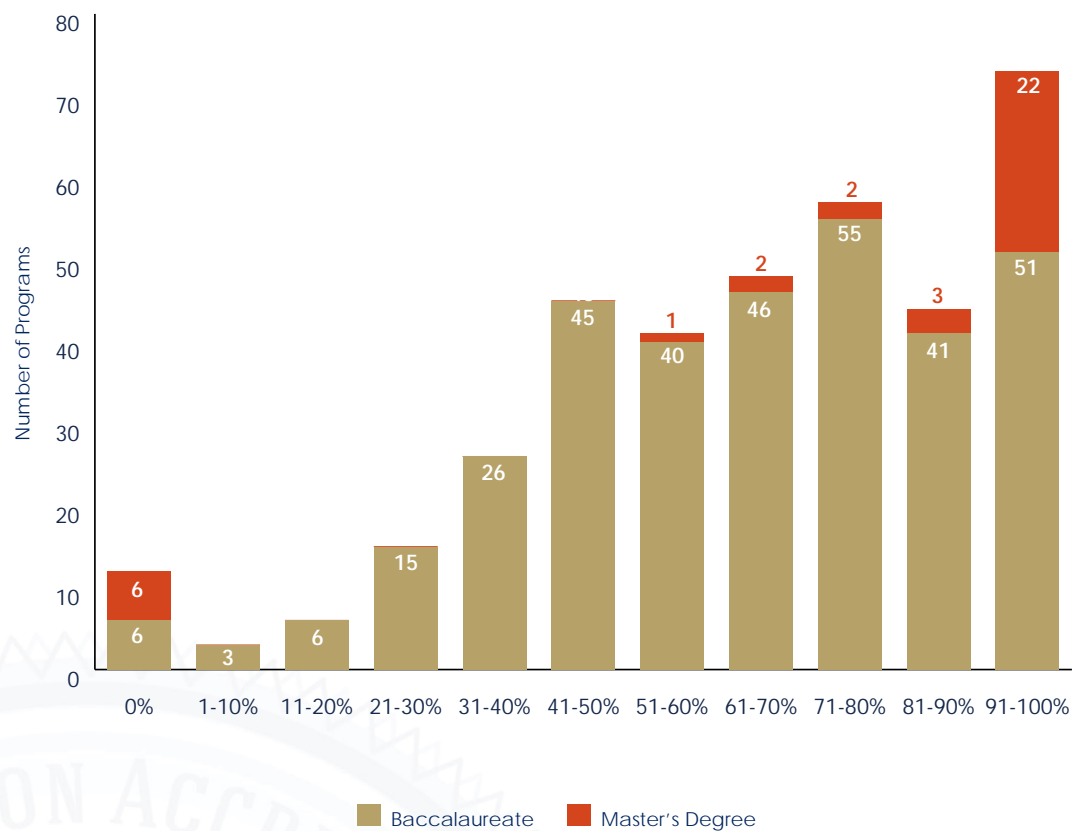


## PROFESSIONAL PROGRAM INFORMATION

### Graduates' Employment in Athletic Training

Program Directors were asked to identify the percentage of students from their graduating (2013-2014) cohort that are employed in Athletic Training, including graduate assistantships and/or internships.

#### 2013-2014 OVERALL PERCENTAGE OF GRADUATES EMPLOYED IN ATHLETIC TRAINING



# PROFESSIONAL PROGRAM INFORMATION

## CLINICAL EDUCATION

### Preceptor: Student Ratio

Program Directors were asked to report the average preceptor to student ratio using the total number active preceptors for the program with the total number of students active in clinical education. The most common ratio (N = 109) was 1:2, followed by a ratio of 1:3 (N=92). Two programs reported ratios higher than 1:20, and 23 programs reported a ratio between 1:10 and 1:20.

	All Professional Programs		Baccalaureate Programs		Master's Degree Programs	
	Mean	Maximum	Mean	Maximum	Mean	Maximum
Preceptor to Student Ratio	1: 4	1: 25	1: 4.1	1: 25	1: 3.3	1: 15

N = 363, five programs did not respond to this question

## FACULTY AND STAFF

Credit hours refer to the amount of credits earned per course, which is published in the institution's course catalog and reflected on the student's transcript. Contact hours refer to the amount of time spent in class over the course of a semester.

### Program Director

	All Professional Programs	Baccalaureate Programs	Master's Degree Programs
	Number (%)	Number(%)	Number(%)
Program Director is Tenure Track Faculty	215 (58.4)	195 (57.9)	20 (64.5)
Program Director is Tenured N = 368	163 (44.3)	148 (43.9)	15 (48.4)
	Mean ± SD	Mean ± SD	Mean ± SD
Program Director Appointment (Months)	10.1 ± 1.3	10.0 ± 1.3	10.7 ±1.3
Program Director Contact Hours	239.5 ± 177.2	238.1 ±151.2	256.6 ±366.6
Program Director Credit Hours	16.6 ± 13.6	16.9 ±13.9	13.7 ±8.9

N = 351, outliers removed

## PROFESSIONAL PROGRAM INFORMATION

### Clinical Education Coordinator

	All Professional Programs	Baccalaureate Programs	Master's Degree Programs
	Mean	Mean	Mean
Clinical Education Coordinator Appointment (Months)	9.8 ±1.5	9.74 ±1.5	10.4 ±1.3
Clinical Education Coordinator Contact Hours	238.0 ±161.4	234.2 ±154.8	283.7 ±225.5
Clinical Education Coordinator Credit Hours	16.8 ±13.9	16.8 ±14.3	16.9 ±7.3

N = 351, outliers removed

### Faculty: Student Ratios

Program administrators were instructed to calculate their average faculty to student ratio for both laboratory courses and lecture courses, not including ratios for basic science courses or courses taught outside the degree for which the AT program does not have control. For faculty to student ratios in laboratory courses, the mode (N=48) reported a 1:10 ratio, and 213 (57%) of all responding professional programs reported a faculty to student ratio of 1:12 or lower. Nine programs (2.5%) reported a laboratory faculty to student ratio of 1:25 or higher. For faculty to student ratios in lecture courses, the mode (N = 42) reported a 1:15 ratio, and 273 (75%) of all responding professional programs reported a faculty to student ratio of 1:19 or lower. Seven programs (2.2%) reported a lecture faculty to student ratio of 1:40 or higher.

	All Professional Programs		Baccalaureate Programs		Master's Degree Programs	
	Mean	Maximum	Mean	Maximum	Mean	Maximum
Lab Faculty to Student Ratio	1: 12.4	1: 90	1: 12.6	1: 90	1: 10.4	1: 25
Lecture Faculty to Student Ratio	1: 15.8	1:100	1: 16.2	1: 100	1: 11.6	1: 25

N = 364, 4 programs did not respond

## PROFESSIONAL PROGRAM INFORMATION

### OUTCOMES

#### Assessment Strategies

(Number and percentage of programs using these strategies. Programs selected all that applied)

	All Professional Programs	Baccalaureate Programs	Master's Degree Programs
	Number (%)	Number (%)	Number (%)
Alumni Surveys	86 (23.4)	79 (23.4)	7 (22.6)
Case Study	95 (25.8)	90 (26.7)	5 (16.1)
Employer Survey	48 (13)	43 (12.8)	5 (16.1)
Cumulative Exit Exam	193 (52.4)	179 (53.1)	14 (45.2)
BOC Exam	177 (48.1)	163 (48.4)	14 (45.2)
Exit Interview	100 (27.2)	95 (28.2)	5 (16.1)
OSCEs	42 (11.4)	40 (11.9)	2 (6.5)
Portfolio	33 (9.0)	31 (9.2)	2 (6.5)
Practical Examinations	176 (47.8)	166 (49.3)	10 (32.2)
Preceptor Evaluations	230 (62.5)	218 (64.7)	12 (38.7)
Class Presentation	115 (31.3)	105 (31.2)	10 (32.3)
Other	43 (11.7)	38 (11.3)	5 (16.1)

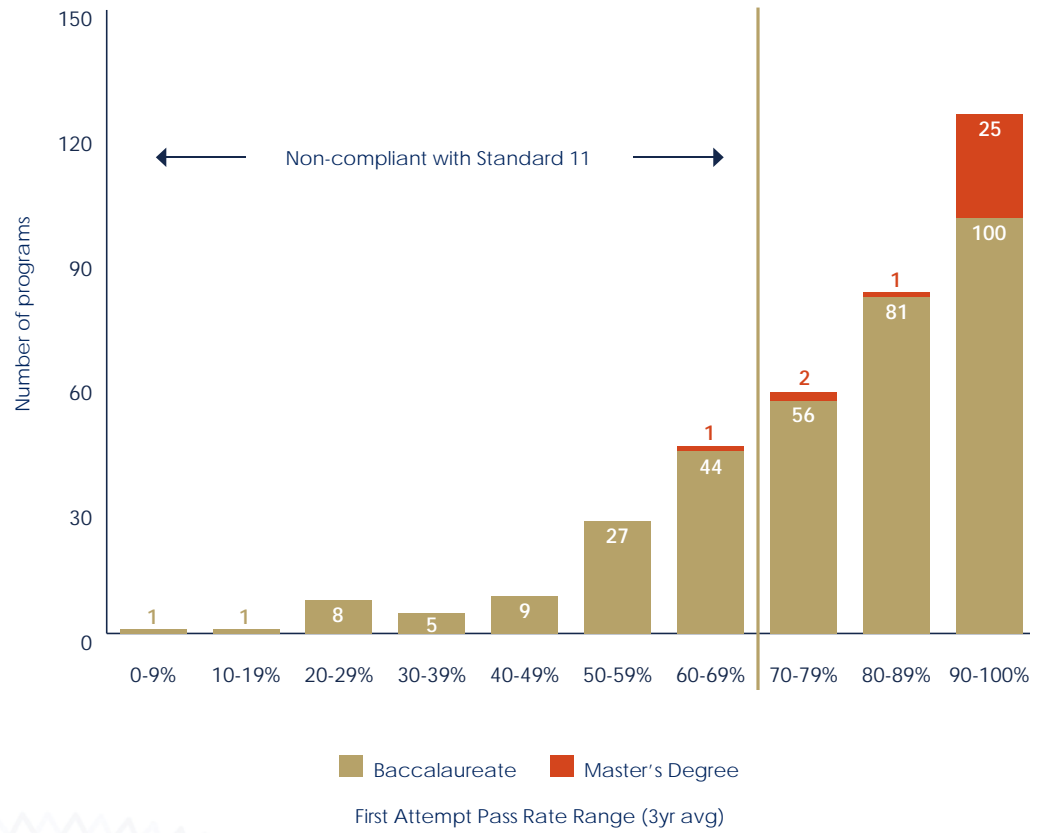
N = 368, BOC = Board of Certification, OSCEs = Objective Structured Clinical Examinations

#### Three Year BOC Exam Performance

	Total	Baccalaureate Programs	Master's Degree Programs
Total Annual Graduates (N)	3630	3336	294
Graduates who took the BOC Exam (%)	94	94	98
Average Graduating Exam Candidates (N)	10.1	9.4	9.9
Average First Attempt BOC Pass Rate (%)	79	78	93
Average Overall BOC Exam Pass Rate (%)	90	89	98

# PROFESSIONAL PROGRAM INFORMATION

## FIRST ATTEMPT BOC EXAM PASS RATE 2012-2014 EXAMS

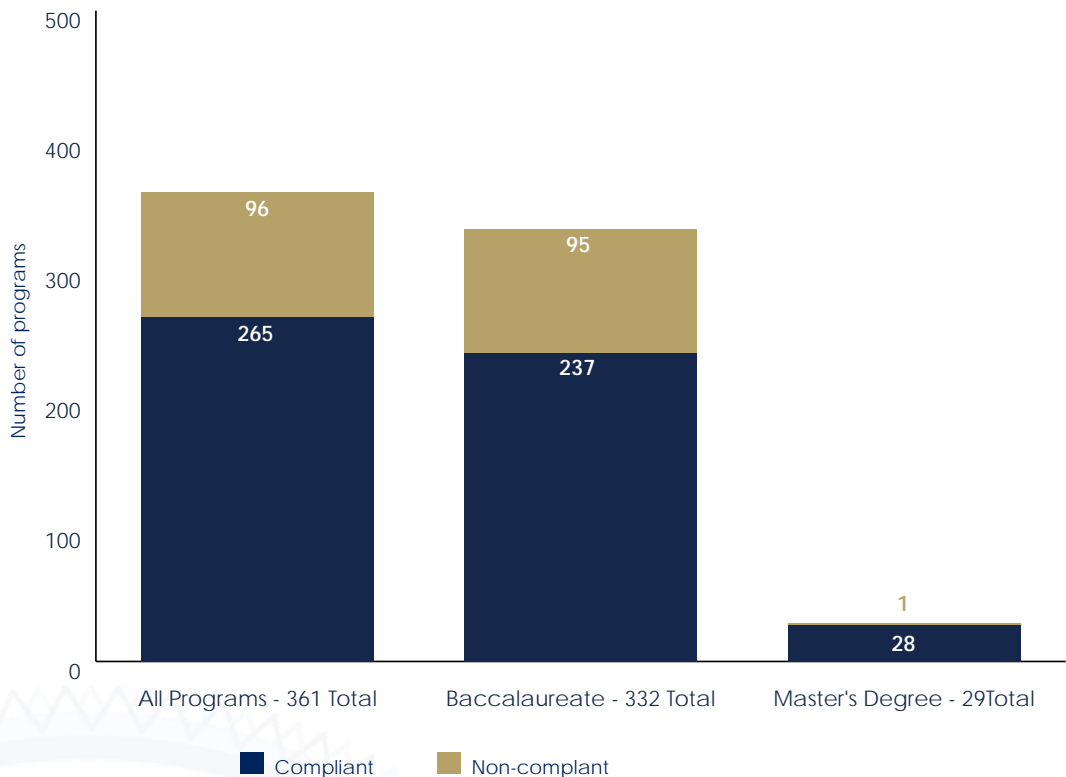


## PROFESSIONAL PROGRAM INFORMATION

### BOC Exam Standard Compliance

**Standard 11: Data Analysis:** Programs must meet or exceed a three year aggregate of 70 percent first-time pass rate on the BOC examination

#### STANDARD II COMPLIANCE 2012-2014



*Note:* New programs were not included in this analysis.

# POST-PROFESSIONAL PROGRAM INFORMATION

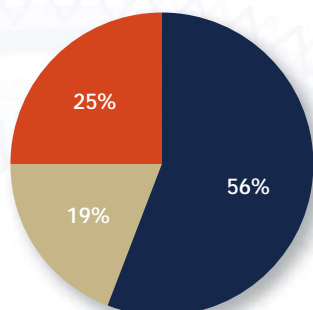
## ACCREDITED PROGRAMS

The average post-professional AT program (2013-2014) at a glance:	
Institution type:	Public
Degree:	MS in Athletic Training
New Students Admitted:	11
Program Enrollment:	18
Student Sex Ratio:	11:7 female to male
Student Race Ratio:	8:1 white to all other races
Graduates' Employment:	College/University Setting
Program Director:	Tenure track faculty with 10 month appointment
Clinical Education Coordinator:	9 month appointment

The Commission on Accreditation of Athletic Training Education (CAATE) accredited 16 post-professional programs during the 2013-2014 academic year. The majority (56%) of these were programs that offered a Masters of Science in Athletic Training, and all but one program (94%) were housed at public institutions.

Total Accredited Post-Professional Programs ..... 16

## CAATE ACCREDITED POST-PROFESSIONAL ATHLETIC TRAINING PROGRAM DEGREES



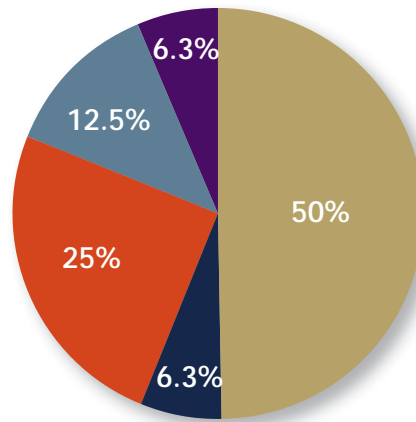
N = 16

- MSAT
- MS with concentration in AT
- Other

Program Degree Type	
Master of Science in Athletic Training	9
MS with emphasis/concentration in AT	3
Other Masters Degrees	4

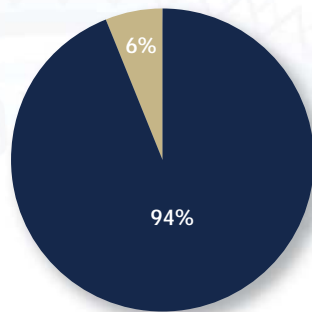
# POST-PROFESSIONAL PROGRAM INFORMATION

## POST-PROFESSIONAL CARNEGIE CLASSIFICATION %



- Research
- Master's
- College's and Universities
- Doctorate Granting Universities
- Special Focus Institution

## CAATE ACCREDITED POST-PROFESSIONAL PROGRAM INSTITUTION TYPES (%)



- Public
- Private

Institution Type	
Public	15
Private	1



## POST-PROFESSIONAL PROGRAM INFORMATION

### STUDENT EXPENSES

Program Directors listed the associated costs in attending the institution, and were instructed to include lab fees in the Annual Fee section. Annual other costs included liability insurance and other publicized associated costs for their program.

	In State	Out of State
Annual Tuition	10546 ± 5048	20508 ± 7125
Annual Fees	1307 ± 1446	1448 ± 1811
Annual Other Costs	1227 ± 3890	1725 ± 5146
<b>Total Annual Cost</b>	<b>13062 ± 6530</b>	<b>21553 ± 11913</b>

Mean (Dollars) ± SD\*. N = 16, \*Costs for the one private institution fell within the range of costs for the public institutions, so therefore were not differentiated in these analyses

Tuition or assistantship stipends were not included in these analyses.

### PROGRAM OPERATING COSTS

Programs indicated the Program costs associate with administrative support and faculty/instructional staff. If positions were shared between programs, respondents were instructed to include only the amount of the position specifically charged to the program. Operational costs included expendable supplies, equipment, professional development, etc.

	Cost
Cost for Administrative Support	20,337
Cost for Faculty/Instructional Staff	250,807
Operational Costs	12,167

Mean (Dollars), N = 14, outliers (N=2) were removed from this analysis

### PROGRAM ADMISSIONS

#### Admissions Availability

	Mean per Program	Total for all Programs
Admission Slots Available	11.0	176
Completed Applications	47.9	767
Students Offered Admission	14.5	232
Students Accepting Offer	10.4	166

N = 16

# POST-PROFESSIONAL PROGRAM INFORMATION

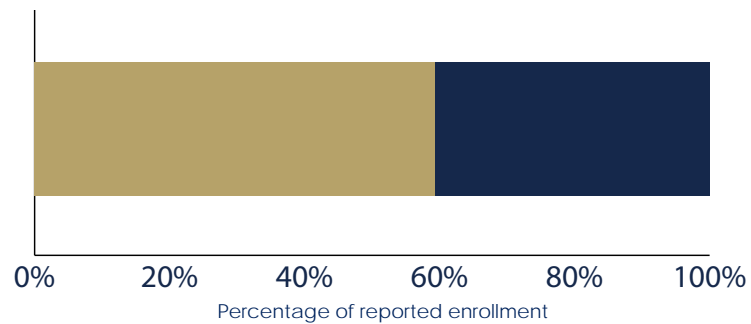
## STUDENT ENROLLMENT

### Enrollment By Sex

	Mean Per Program	Total for all Programs
Overall Student Enrollment	18.9	302*
Female Student Enrollment	10.7	171
Male Student Enrollment	7.3	117

\*Number of female and male students reported did not equal the total enrolled students reported

## POST-PROFESSIONAL PROGRAM STUDENT ENROLLMENT BY SEX



- Percentage of Female students enrolled
- Percentage of Male students enrolled

### Enrollment by Race

	Number (%)
American Indian	0.1 (0.3)
Asian	0.7, (4.0)
Black	0.8, (4.0)
Other	0.1, (0.6)
Unknown	0.1, (4.0)
White	16.2, (85.0)

Mean number per program (percentage of reported enrollment)

# POST-PROFESSIONAL PROGRAM INFORMATION

## Enrollment by Ethnicity

	Number (%)
Hawaiian/Pacific Islander	0.1, (0.9)
Hispanic	0.3, (2.0)
Non-Hispanic	13.44, (97.0)

Mean per program (percentage of reported enrollment)

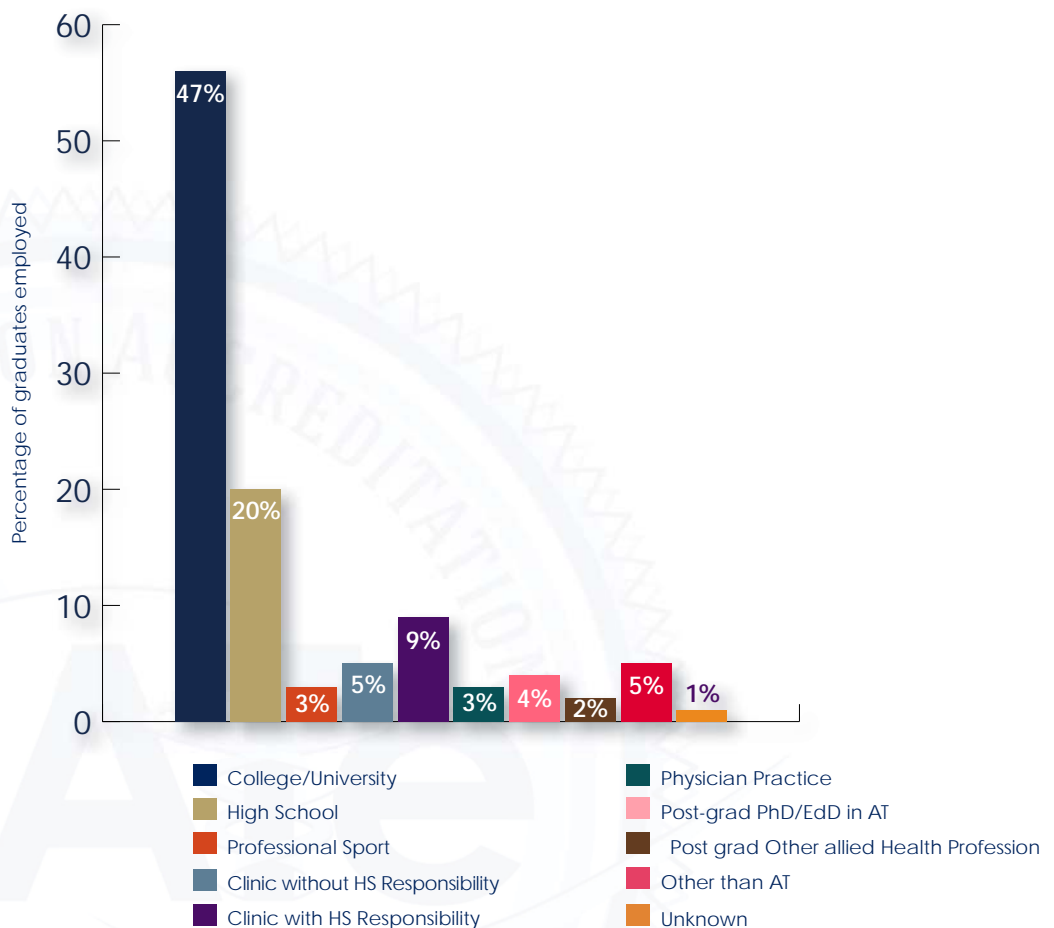
## Graduates' Employment

Program Directors were asked to identify where each of the students from their graduating (2013-2014) cohort is employed. 13 of the 16 accredited institutions responded to this section.

Total number of Graduates: .....134

Average Number of Graduates: ..... 11.2

## POST-PROFESSIONAL GRADUATE PLACEMENT



## POST-PROFESSIONAL PROGRAM INFORMATION

### FACULTY AND STAFF

Credit hours refer to the amount of credits earned per course, which is published in the institution's course catalog and reflected on the student's transcript. Contact hours refer to the amount of time spent in class over the course of a semester.

#### Program Director

	Number (%)
Program Director is Tenure Track Faculty	14 (87.5)
Program Director is Tenured	2 (12.5)
Mean $\pm$ SD	
Program Director Appointment (Months)	9.94 $\pm$ 1.2
Program Director Contact Hours	132.5 $\pm$ 65.5
Program Director Credit Hours	11.5 $\pm$ 3.8

N = 16

#### Clinical Education Coordinator

	Mean $\pm$ SD
Clinical Education Coordinator Appointment (Months)	9.2 $\pm$ 3.7
Clinical Education Coordinator Contact Hours	96.1 $\pm$ 84.4
Clinical Education Coordinator Credit Hours	9.73 $\pm$ 6.6

N = 16

### OUTCOMES

#### Assessment Strategies

(Number and Percentage of programs using these strategies. Programs selected all that applied)

	Number of Programs (%)
Alumni Surveys	3 (18.8)
Case Study	3 (18.8)
Employer Survey	2 (12.5)
Cumulative Exit Exam	6 (37.5)
Exit Interview	5 (31.3)
Portfolio	2 (12.5)
Practical Examinations	4 (25.0)
Preceptor Evaluations	4 (25.0)
Class Presentation	12 (75.0)

N = 16

## RESIDENCY PROGRAM INFORMATION

In 2013-2014 there were two accredited Residency Programs in Athletic Training. The program profiles are presented below.

Name of Program:	Focused Area of Clinical Practice:	Sponsoring Organization Type:
New Hampshire Musculoskeletal Institution Integrated Clinical Sports Medicine Residency for Athletic Trainers	Primary Care	Non-Profit Research, Education, & Outreach Organization
Texas Health Ben Hogan Sports Medicine Athletic Training Residency	Orthopedic Rehabilitation	Hospital

### ADMISSIONS

	New Hampshire Musculoskeletal Institution Integrated Clinical Sports Medicine Residency for Athletic Trainers	Texas Health Ben Hogan Sports Medicine Athletic Training Residency
Number of Resident Admissions Available	2	2
Number of Applications Received	37	26
Number of Residents Offered Admission	2	2
Number of Residents Accepting Admission	2	2

### ENROLLMENT BY SEX

	New Hampshire Musculoskeletal Institution Integrated Clinical Sports Medicine Residency for Athletic Trainers	Texas Health Ben Hogan Sports Medicine Athletic Training Residency
Total Enrollment of AT Residents	2	2
Female Resident Enrollment	0	1
Male Resident Enrollment	2	1

## RESIDENCY PROGRAM INFORMATION

### OUTCOMES

	New Hampshire Musculoskeletal Institution Integrated Clinical Sports Medicine Residency for Athletic Trainers	Texas Health Ben Hogan Sports Medicine Athletic Training Residency
Percentage of Residents that completed Residency that are now employed in AT	50%	100%

### FACULTY/STAFF

	New Hampshire Musculoskeletal Institution Integrated Clinical Sports Medicine Residency for Athletic Trainers	Texas Health Ben Hogan Sports Medicine Athletic Training Residency
Number of Faculty	20	4
Number of Preceptors	20	2

