



CAATE

Commission on Accreditation
of Athletic Training Education

2017-2018 CAATE ANALYTIC REPORT

This report describes Professional and Post-Professional Athletic Training programs, students, and faculty. Unless otherwise noted, the data included in this fact sheet were derived from the 2017-2018 Annual Report completed in October of 2018, data from online accreditation software profiles at the time of Annual Report submission, and from the BOC pass rate information provided by the BOC in December of 2018.

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MESSAGE FROM THE PRESIDENT



On behalf of the Commission on Accreditation of Athletic Training Education (CAATE), I'm pleased to bring you the fifth annual analytics report. After five years of tracking and reflecting on the programs we accredit and the students we serve, the trends are amazing to look at. In that time, we have seen the initial accreditation, continuing accreditation, and substantive changes of hundreds of professional athletic training programs. There has been a net decrease of 5 professional programs, a more than 1000% increase in the number of master's level professional programs, and 24,126 students admitted into professional level, CAATE accredited programs. We have seen the accreditation of, and student graduation from the first CAATE accredited, post-professional, DAT program. Lastly, we have witnessed a 75% increase in the number of accredited, post-professional, residency programs, with an associated 170% increase in the number of residents participating in such programs. It has been a period of tremendous growth and change, and we are excited to see what the next five years will bring as we continue to evolve as a profession and an accrediting body.

This year's report contains detailed demographic information about the 379 accredited programs at the professional and post-professional degree and residency levels. Our programs served a total of 12,219 students and 27 residents across the country. The eAccreditation software that houses our Annual Report continues to supply us with detailed information that, in addition to informing the public, allows us to annually view the growth and changes to the landscape of athletic training education.

The data from the 2017-2018 academic year demonstrate the continued ripple effect of the previous announcement made regarding the elevation of the professional degree to the master's level. This is reflected in the increase in the percentage of professional programs at the graduate level. The number of professional programs at the master's degree level has nearly tripled in the past three years, and the change is obviously expected to continue at a rapid rate.

Another area of continued growth is in post-professional residencies. We have seen a continued trend of increase in programs seeking accreditation over the past five years, with this year's number rising to seven, and another four already in the process of seeking accreditation. The expansion of athletic training residencies offers exciting prospects to the development of an advanced practice clinician and clinical specialist to the field of athletic training.

Analogous to this reporting period, we saw the release of a new set of professional, master's degree program accreditation standards, and you will see data points related to those standards represented within this report. We now have data that relate to the administrative alignment of programs with other healthcare education programs, as well as immersive clinical experiences. We will continue to incorporate data points such as this in the coming years as we prepare for the transition to the new standards.

This is just a brief summary of the extensive information you will find in this report. Our goal is to provide you with actionable insights into the work that we do. I hope that you find this report informative and helpful, and that you are as excited as I am about the progress we have made. It has been an honor to have served the profession that I love, and it makes me equally proud of how far we have come as of where we are headed. Please enjoy the 2017-2018 CAATE Analytics Report!

A handwritten signature in black ink, appearing to read 'LesLee Taylor'.

LesLee Taylor, PhD, LAT, ATC
President, CAATE



PROFESSIONAL DEGREE PROGRAM INFORMATION

Athletic Training Professional programs lead to eligibility to sit for the Board of Certification (BOC) examination and to enter the profession of athletic training. These programs are currently available at either the baccalaureate or master's degree levels. Programs will no longer be able to admit, enroll, or matriculate students into undergraduate professional programs as of fall 2022.

PROFESSIONAL PROGRAM OVERVIEW

THE TYPICAL PROFESSIONAL AT PROGRAM AT A GLANCE:	
Accreditation Status:	Continuing Accreditation
Institution Type:	Public
Regional Accrerator:	The Higher Learning Commission
Degree Awarded:	Bachelor of Science in Athletic Training
Admissions Process:	Secondary Admissions
New Students Admitted:	11 students *
Program Enrollment:	33 students *
Student Enrollment by Sex Ratio:	5:3 Female to Male
Student Enrollment by Race Ratio:	5:1 White to all other races
Preceptor to Student Ratio (Clinical):	1:2 †
Program Director:	Tenure Track Faculty, 10-month appointment, Academic Doctorate Degree
Director of Clinical Education:	10-month appointment, Master's Degree
Number of Core Faculty:	3.0

**denotes decrease from last year's 'At a Glance' data, † denotes increase from last year's 'At a Glance' data*

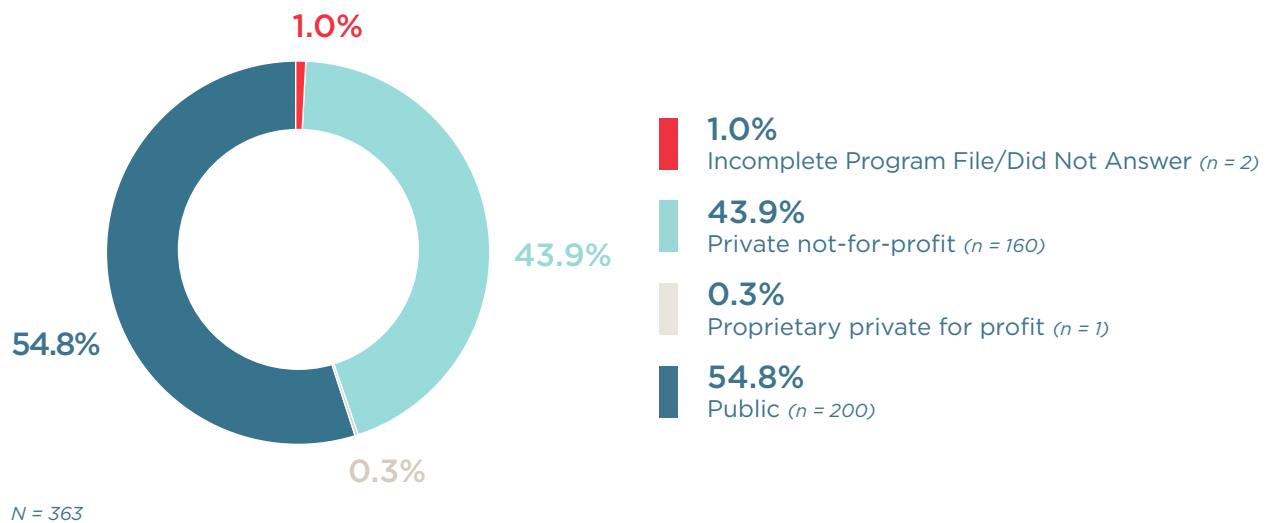


ACCREDITATION STATUS, INSTITUTION TYPE, CARNEGIE CLASSIFICATION, AND REGIONAL ACCREDITOR

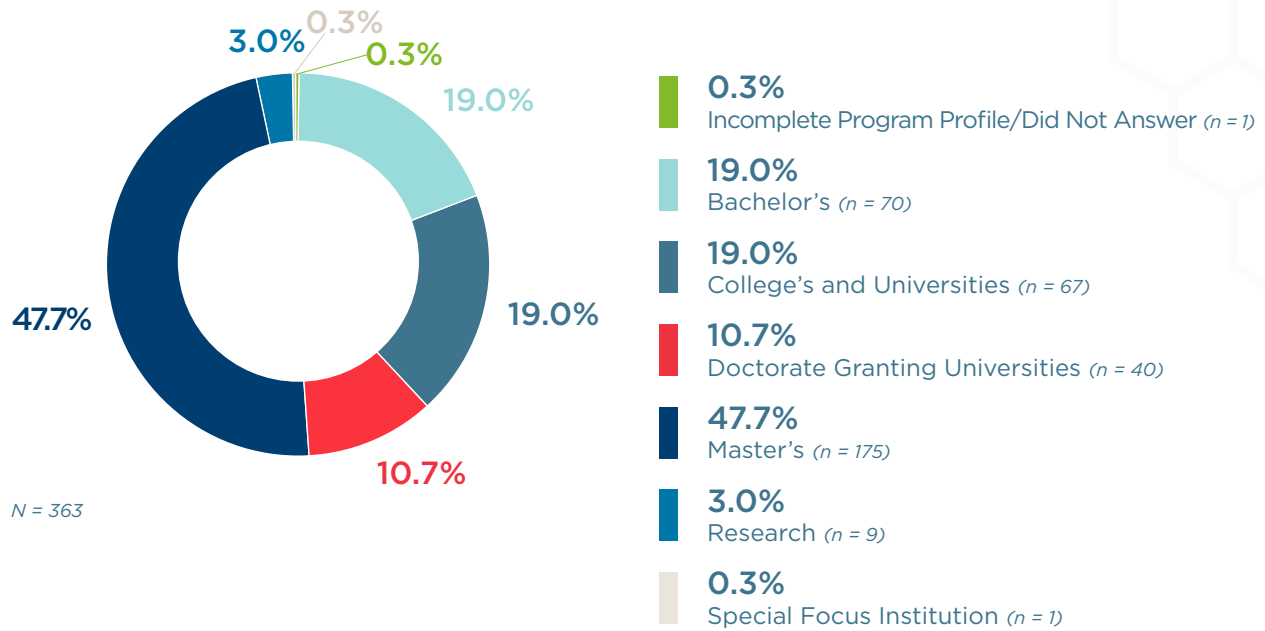
During the 2017-2018 academic year, there were a total of 363 CAATE accredited professional programs (a 2.7% decrease in accredited programs from the previous year), with five (5) of those receiving initial accreditation during the year. During the 2017-2018 year there were an additional 10 programs actively seeking initial accreditation (i.e. submitted the self-study on July 1, 2018) for a total of 373 professional athletic training programs that were either accredited or actively seeking accreditation. An additional 22 institutions have initiated the process of seeking initial accreditation for a professional program (i.e. have paid for access to eAccreditation, but have not completed the self-study process).

Of the accredited professional programs ($N = 363$), all but one were offered at non-profit institutions with the majority offered at public institutions (55%) and resulted in a baccalaureate degree (69.4%). Last year (2016-2017) 56% of accredited programs were offered at public institutions and 80% of those programs resulted in a baccalaureate degree.

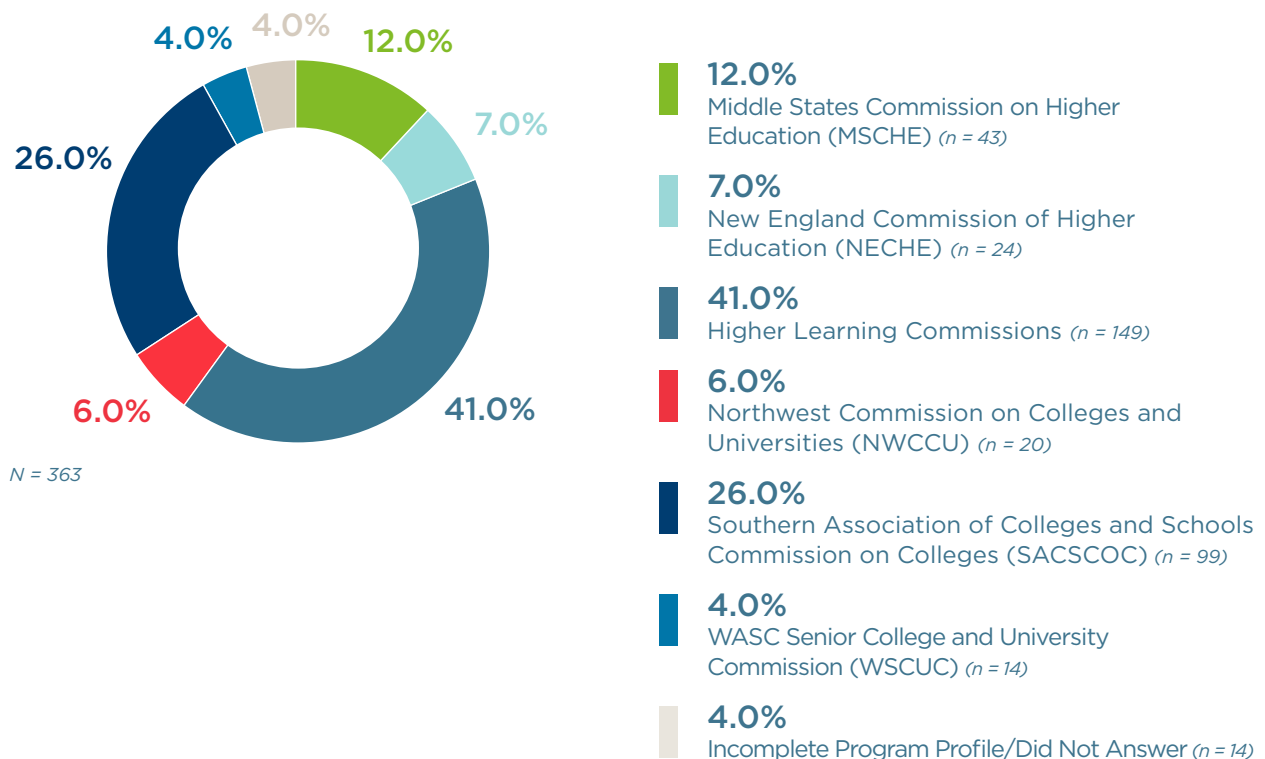
PROFESSIONAL PROGRAM INSTITUTION TYPE



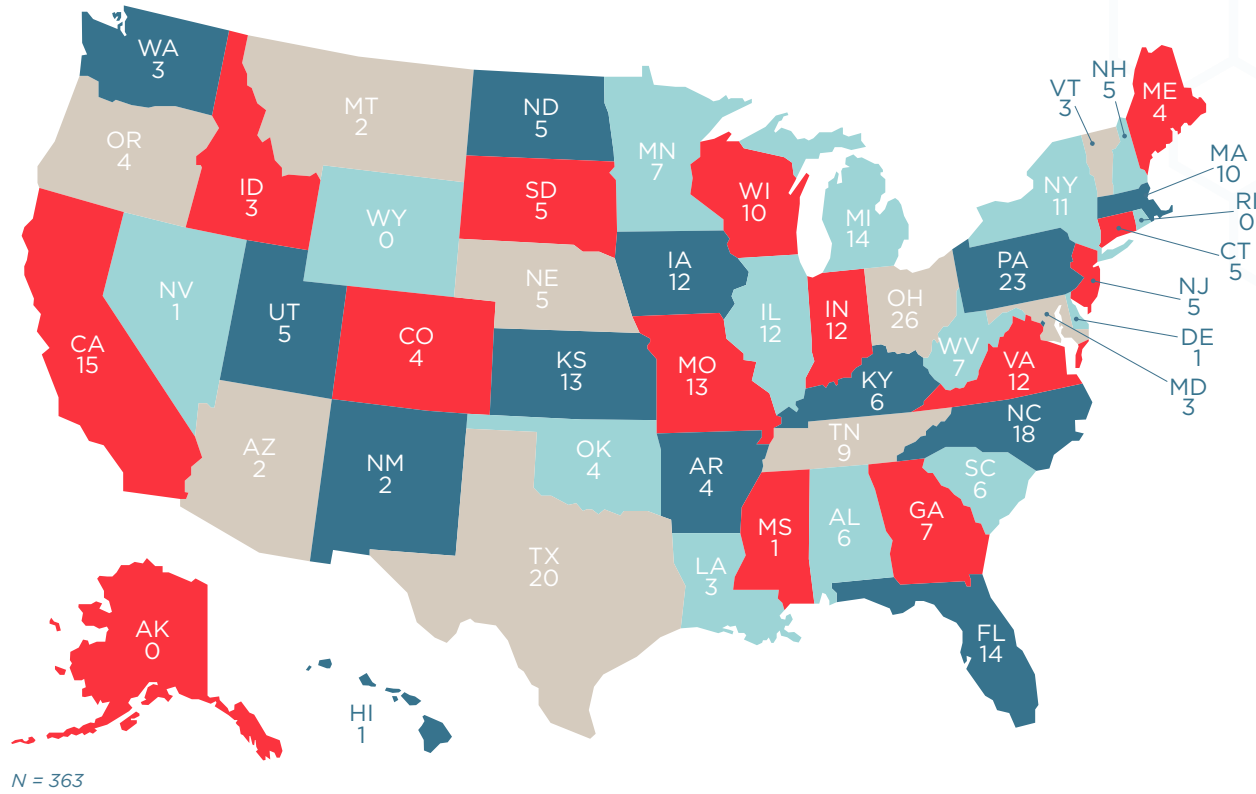
PROFESSIONAL PROGRAM CARNEGIE CLASSIFICATION



PROFESSIONAL PROGRAM REGIONAL ACCREDITOR



PROFESSIONAL ATHLETIC TRAINING PROGRAMS BY STATE

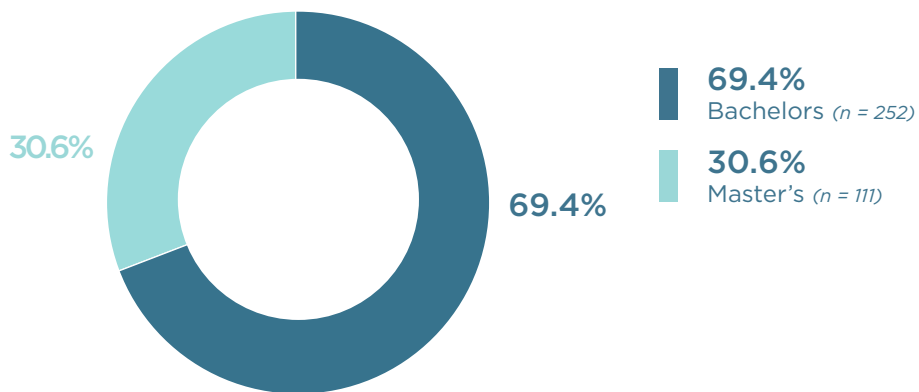


DEGREE LEVEL AND DEGREE TYPE

Of the 363 accredited professional programs, 252 programs result in a Baccalaureate degree (down from 307 in 2015-2016 and 297 in 2016-2017) and 111 programs result in a master's degree (up from 63 in 2015-2016 and 76 in 2016-2017). This pattern of change is an expected result of the professional degree transition announced in 2015.

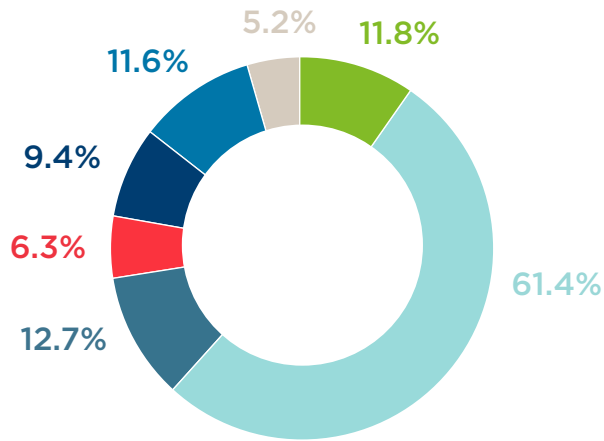
Programs were asked to identify which athletic training degree(s) they offer. Programs are given the option to select all that apply, and therefore if a program was still teaching out undergraduate cohorts while simultaneously offering a master's degree, both the undergraduate and graduate degrees were reported. The majority of undergraduate programs offer a Bachelor of Science of Athletic Training (BSAT), whereas graduate programs are more evenly spread; offering Master of Athletic Training (MAT), Master of Science of Athletic Training (MSAT), or Master of Science (MS) with a major in Athletic Training.

PROFESSIONAL PROGRAM DEGREE LEVEL

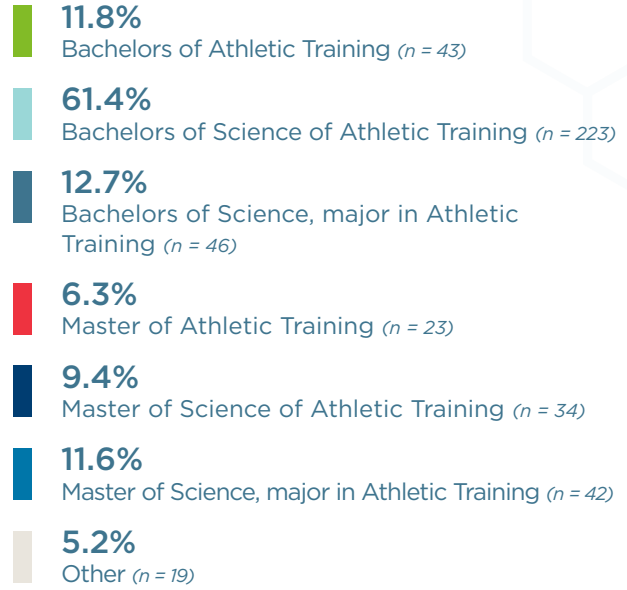


N = 363

PROFESSIONAL PROGRAM DEGREE TYPE



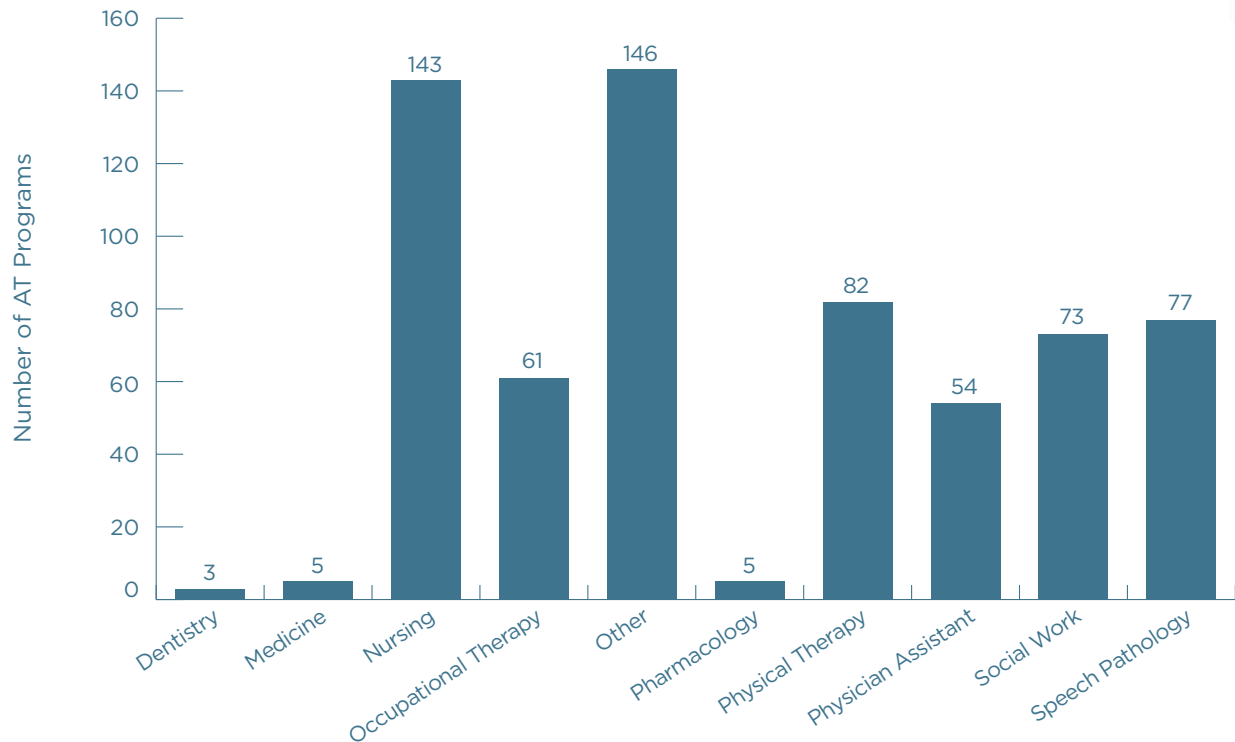
N = 363, 430 degrees reported (select all that apply) across 363 programs



PROGRAM ADMINISTRATIVE STRUCTURE

Of the 363 accredited professional programs, 255 (70.2%) indicated existing in an administrative structure with other healthcare programs. This is a 4% increase from the reported number from the 2016-2017 academic year. Of the 252 undergraduate programs, 164 (65.1%) are administratively housed with other healthcare programs, and of the 111 graduate programs, 91 (82.0%) are administratively housed with other healthcare programs.

HEALTHCARE PROGRAMS ADMINISTRATIVELY HOUSED WITH AT



n = 255, programs selected all answers that applied. Of the 146 programs who identified as being aligned with "Other", none entered any text into the text box to identify which other programs they are aligned with.



2017 - 2018 COMPREHENSIVE REVIEWS

For the 2017-2018 academic year, 50 professional programs completed the Comprehensive Review process. Forty-five (45) of these programs sought continuing accreditation. Continuing accreditation awards for this time period ranged from five to 10 years, with an average award of 9.4 ± 1.6 years of continuing accreditation. Five programs sought initial accreditation. Initial accreditation awards for this time period ranged from three to five years, with an average of 4.6 ± 0.9 years of initial accreditation.

STUDENT EXPENSES

Program Directors (PD) reported the associated costs to attend the institution and complete the Athletic Training Program. Laboratory fees are contained in the “Annual Fee” section. “Program Specific Costs” included liability insurance and other publicized associated costs for their programs. Data were reviewed for outliers, and one program’s data was removed (40.5% higher than the next highest value). The mean tuition dollar amounts, across both institution categories, increased as compared to last year’s data. Reported in-state tuition for private institutions ranged from \$5,620 - \$51,410, and for public institutions ranged from \$910 - \$35,400. Reported out of state tuition for private institutions ranged from \$9,700-\$51,410, and for public institutions ranged from \$1,260 - \$41,838.

	OVERALL [^]		PUBLIC [*]			PRIVATE [¥]		
	In-State	Out of State	In-State	Out of State	% Change from 2016-2017	In-State	Out of State	% Change from 2016-2017
Annual Tuition	18,654 ± 12,336	24,576 ± 9,250	9,470 ± 5,653	20,279 ± 7,556	+2.7% (In-State) +2.6% (Out of State)	30,184 ± 8,115	30,001 ± 8,367	+1.5% (In-State) +1.6% (Out of State)
Annual Fees	1,499 ± 1,523	1,672 ± 2,250	1,843 ± 1,594	2,202 ± 2,725	+4.4% (In-State) -0.8% (Out of State)	1,079 ± 1,330	1,021 ± 1,190	-15.1% (In-State) -15.4% (Out of State)
Program Specific Costs	768 ± 1,803	771 ± 1,802	738 ± 1,684	738 ± 1,684	-16.2% (In-State) -15.8% (Out of State)	399 ± 140	821 ± 1,959	-62.2% (In-State) -22.3% (Out of State)
Total Annual Cost	20,973 ± 12,121	27,447 ± 11,125	12,038 ± 5,545	23,898 ± 11,719	+0.7% (In State) +3.6% (Out of State)	32,215 ± 8,229	31,963 ± 8,517	+24.6% (In-State) -0.3% (Out of State)

[^]n = 363, ^{*}n = 200, [¥]n = 159, Mean dollars ± SD unless otherwise noted

PROGRAM OPERATING EXPENDITURES

Programs reported the program expenditures associated with administrative support, expendable supplies, and professional development. One (1) outlier (91% higher than the next highest number) was removed from the analysis for administrative support, four (4) outliers (67+% higher than the next highest number) were removed from the analysis for expendable supplies, and one (1) outlier (96% higher than the next highest number) was removed from the analysis for professional development.

There continues to be a large amount of variability in the reporting of the expenditures for all categories. There were 112 programs that reported \$0.00* in capital equipment spending, 29 programs indicated that while funding was available for capital equipment, none was purchased for the reporting period, and capital equipment spending ranged from \$0-\$1.5 million. Overall, 4 programs reported \$0.00* in expendable supply expenditures, with reported amounts ranging from \$0.00 to \$48,300. Lastly, 14 programs indicated \$0.00* in professional development expenditures, which ranged from \$0.00 - \$25,000.

	ALL PROFESSIONAL PROGRAMS	% CHANGE FROM 2016-2017	PUBLIC INSTITUTIONS	% CHANGE FROM 2016-2017	PRIVATE INSTITUTIONS	% CHANGE FROM 2015-2016
Expenditures for Administrative Support [^]	24,071 ± 37,639	+1.8%	28,598 ± 43,925	-0.1%	18,020 ± 27,667	+5.5%
Expenditures for Expendable Supplies [†]	7,559 ± 8,201	-15.8%	6,334 ± 5,691	-16.7%	8,978 ± 10,206	-4.6%
Expenditures for Professional Development [^]	4,525 ± 3,698	-2.2%	4,657 ± 3,584	-6.5%	4,262 ± 3,579	+0.4%

*N = 363, Mean dollars ± SD unless otherwise noted, *Programs reporting "0" were cited as non-compliant within the Annual Report, [^]n = 362, [†]n = 359*



PROGRAM FACULTY

The number of core faculty in each program ranged from 1* ($n = 7$, down from 12 last year) to 14 ($n = 7$). A total of 43% ($n = 155$) of programs indicated having two core faculty, 26% ($n = 95$) reported having three core faculty, 12% ($n = 44$) reported having four core faculty, and 12% ($n = 43$) indicated five or more core faculty. Numbers of associated faculty ranged from 0 to 16, and numbers of adjunct faculty ranged from 0 to 20.

	ALL PROFESSIONAL PROGRAMS	BACCALAUREATE PROGRAMS	MASTER'S DEGREE PROGRAMS
	Mean \pm SD	Mean \pm SD	Mean \pm SD
Core Faculty	3.0 \pm 1.4	2.8 \pm 1.4	3.3 \pm 1.4
Associated Faculty	2.6 \pm 3.0	2.8 \pm 3.2	2.2 \pm 2.4
Adjunct Faculty	2.8 \pm 3.3	2.9 \pm 3.3	2.6 \pm 3.2

$N = 363$, *Programs reporting 0 or 1 core faculty were cited as non-compliant with the Standard within the Annual Report

PROGRAM ADMISSIONS

ADMISSIONS PROCESS

Program Directors were asked to identify the admission 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 admission process is one in which the student applies to the program separately from the institution. The majority of responding professional programs (86.2%) use a secondary admissions process. This was a decrease from last year's 91.4%.

	ALL PROFESSIONAL PROGRAMS	BACCALAUREATE PROGRAMS	MASTER'S DEGREE PROGRAMS
	Number (%)	Number (%)	Number (%)
Direct Admissions	50 (13.8)	11 (4.4)	39 (35.1)
Secondary Admissions	313 (86.2)	241 (95.6)	72 (64.9)

$N = 363$



ADMISSIONS CAPACITY AND ENROLLMENT

Professional programs saw a 23.5% decrease in submitted applications, and a 22.4% decrease in the total number of admitted students during the 17-18 academic year. Undergraduate programs reported a 17.2% decrease in applications completed, while graduate professional programs reported a 2.1% decrease in applications completed. Undergraduate student admissions decreased by 28.3%, and the number of graduate students admitted increased by 24.6%, but the relative percent change in students admitted is likely in part due to a decreased number of undergraduate programs and increased number of graduate programs compared with the previous year. Average number of students admitted per program by graduate programs decreased from 12.1 to 10.3 (-14.9%). During the 17-18 reporting period baccalaureate programs admitted students to fill 63.6% (down from 69% last year) of their available student spots, while master's degree programs admitted 56.4% of their reported capacity (down from 67% last year).

	ALL PROFESSIONAL PROGRAMS		BACCALAUREATE PROGRAMS		MASTER'S DEGREE PROGRAMS	
	Mean ± SD	Total	Mean ± SD	Total	Mean ± SD	Total
Admission Slots Available	17.3 ± 12.2	6281	16.9 ± 12.4	4254	18.26 ± 11.7	2027
Completed Applications	20.6 ± 37.4	7486	20.5 ± 43.3	5165	20.9 ± 18.2	2321
Students Offered Admission	14.4 ± 24.2	5209	14.5 ± 28.2	3659	14.0 ± 10.8	1550
Students Accepting Offer	10.6 ± 8.8	3849	10.7 ± 9.2	2706	10.3 ± 7.9	1143

N = 363

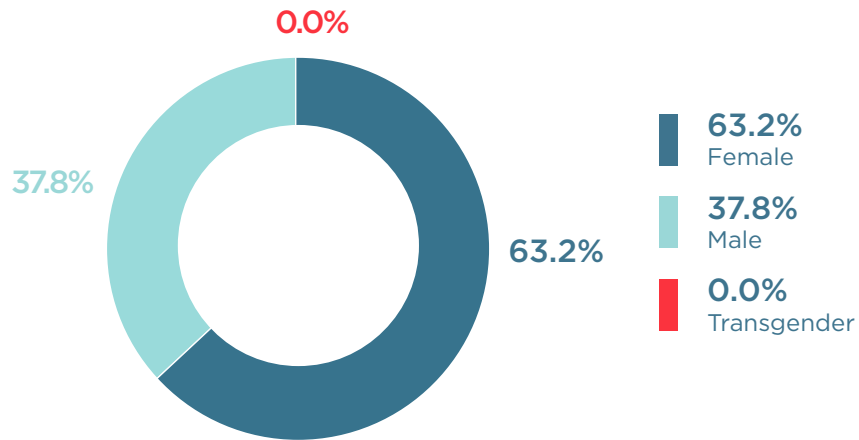


STUDENT DEMOGRAPHICS ENROLLMENT BY GENDER

	ALL PROFESSIONAL PROGRAMS		BACCALAUREATE PROGRAMS		MASTER'S DEGREE PROGRAMS	
	Mean	Sum	Mean	Sum	Mean	Sum
Total Student Enrollment	32.7	11,856	34.2	8,617	29.2	3,239
Female Student Enrollment	20.5	7,435	21.5	5,407	18.3	2,028
Male Student Enrollment	11.9	4,326	12.4	3,115	10.9	1,211
Transgender Student Enrollment	0.01	4	0.02	4	0.0	0

N = 363

NATIONAL STUDENT ENROLLMENT BY GENDER



N = 11,856 students



MEAN STUDENT ENROLLMENT BY GENDER; TWO YEAR COMPARISON



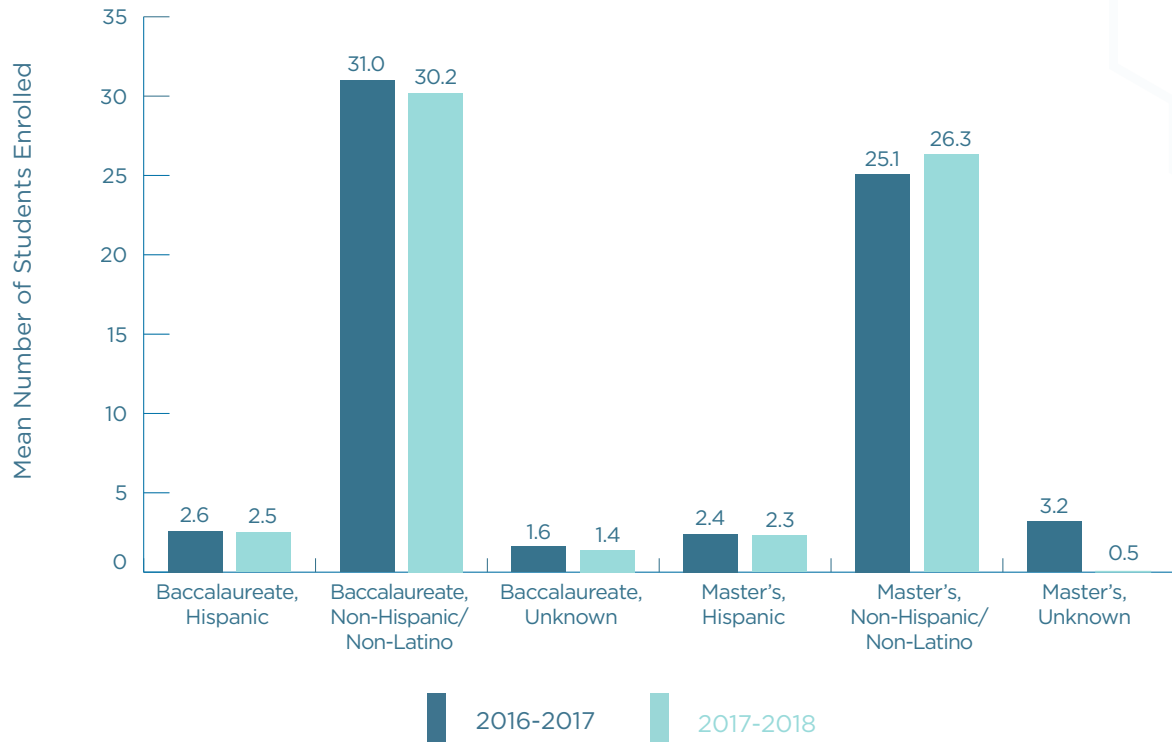
ENROLLMENT BY ETHNICITY

	ALL PROFESSIONAL PROGRAMS		BACCALAUREATE PROGRAMS		MASTER'S DEGREE PROGRAMS	
	Mean	Sum	Mean	Sum	Mean	Sum
Hispanic	2.5	899	2.5	640	2.3	259
Non-Hispanic/ Non-Latino	29.0	10,538	30.2	7,617	26.3	2,921
Unknown	1.2	419	1.4	360	0.5	59

N = 363



MEAN STUDENT ENROLLMENT BY ETHNICITY; TWO YEAR COMPARISON



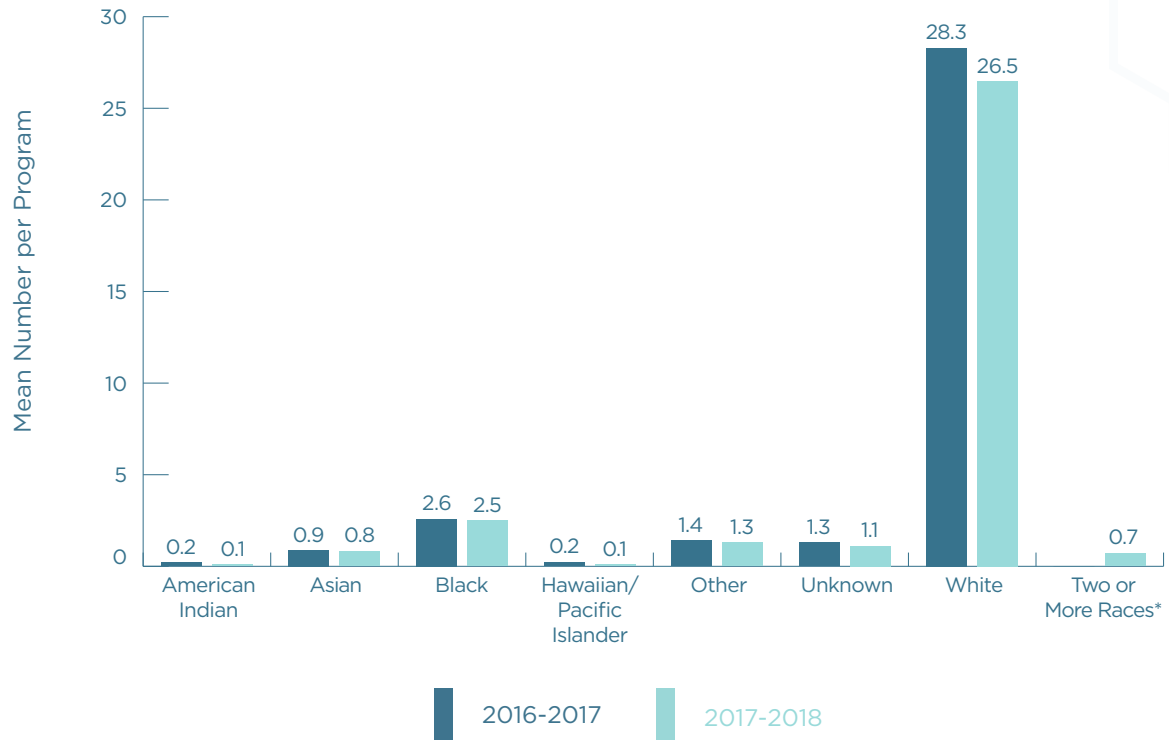
ENROLLMENT BY RACE

	ALL PROFESSIONAL PROGRAMS		BACCALAUREATE PROGRAMS		MASTER'S DEGREE PROGRAMS	
	Mean	Sum	Mean	Sum	Mean	Sum
American Indian	0.1	46	0.1	29	0.2	17
Asian	1.0	348	0.8	210	1.2	138
Black	2.6	925	2.5	635	2.6	290
Hawaiian/ Pacific Islander	0.1	49	0.1	33	0.1	16
Other	1.6	543	1.3	322	2.2	221
Unknown	1.0	359	1.1	271	0.8	88
White	25.0	9,081	26.5	6,689	21.6	2,392
Two or More Races	0.6	230	0.7	166	0.6	64

N = 363



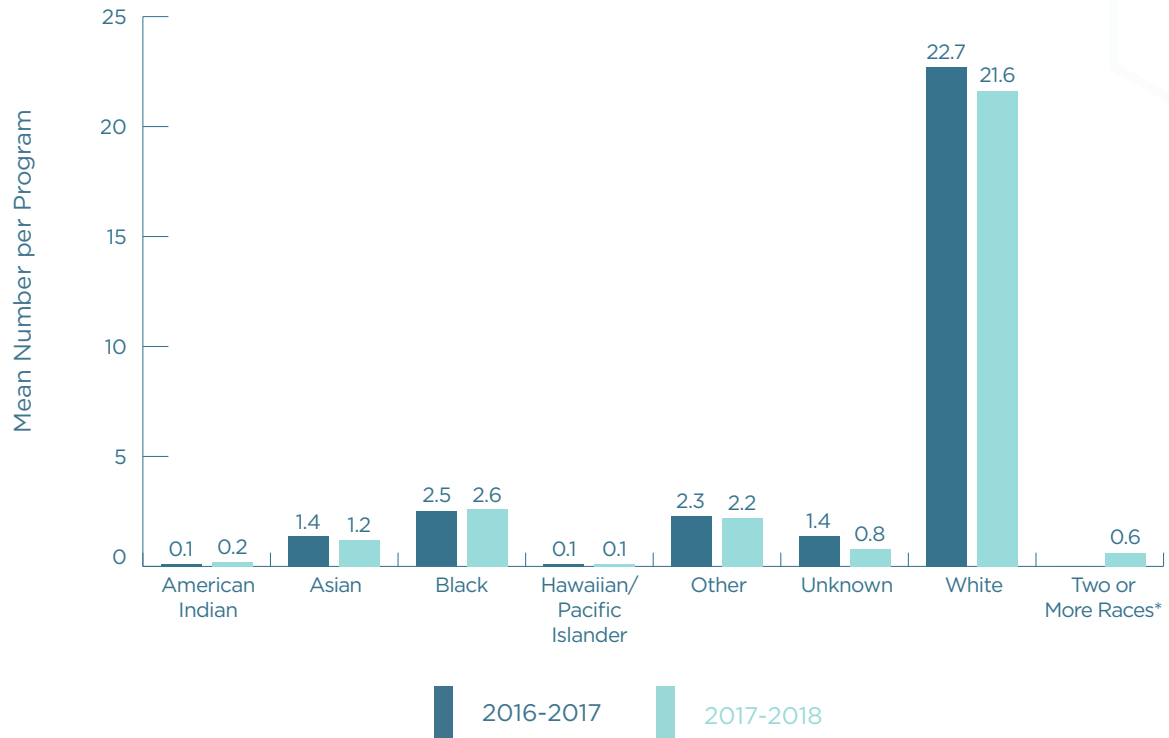
MEAN BACCALAUREATE ENROLLMENT BY RACE; TWO YEAR COMPARISON



*n = 252, *category not an option in the 2016-2017 report*



MEAN MASTER'S ENROLLMENT BY RACE; TWO YEAR COMPARISON



n = 111, category not an option in the 2016-2017 report



CLINICAL EDUCATION

PRECEPTOR TO 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 that are active in clinical education. The most common ratio ($n = 163$) was 1:2, followed by a ratio of 1:3 ($n = 83$). A total of 89% of all programs reported a clinical education ratio of 1:4 or smaller. Thirty-five (down from 80 last year) programs reported ratios between 1:5 and 1:8, and only four programs reported preceptor to student ratios between 1:9 and 1:14. This demonstrated a continuing trend toward lower preceptor to student ratios as compared to the last three years, all of which saw higher maximum ratios, and more reported ratios above 1:10.

	ALL PROFESSIONAL PROGRAMS		BACCALAUREATE PROGRAMS		MASTER'S DEGREE PROGRAMS	
	Mode	Maximum	Mode	Maximum	Mode	Maximum
Preceptor to Student Ratio	1:2	1:14	1:3	1:11	1:2	1:15

$N = 363$

IMMERSIVE CLINICAL EXPERIENCES

For the 2017-2018 Annual Report program administrators were asked for the first time to provide details about immersive clinical experiences. Beginning in July of 2020, programs at the master's degree level will be required to minimally include one, four-week long immersive athletic training clinical experience. The immersive clinical experience is defined as *"a practice-intensive experience that allows the student to experience the totality of care provided by athletic trainers."* A total of 34.7% ($n = 126$) of all professional programs currently incorporate an immersive clinical experience as a part of their curriculum. For baccalaureate programs, 25.0% ($n = 63$) include an immersive clinical experience, and for master's programs 56.8% ($n = 63$) include an immersive clinical experience.

A total of 12.3% of programs reported having an immersive clinical experience of less than four weeks, which were eliminated from the analysis provided below as they did not meet the minimum criteria of an immersive experience. Programs were asked to report the number of weeks students spent in immersive clinical experiences, but the variability of responses (range of 2-128 weeks) was clearly out of range of possible time spent in immersive clinical experiences, and therefore were not included in the report for this year.

	ALL PROFESSIONAL PROGRAMS		BACCALAUREATE PROGRAMS		MASTER'S DEGREE PROGRAMS	
	Mean \pm SD	Mode	Mean \pm SD	Mode	Mean \pm SD	Mode
Number of Hours per Week When in Immersive Clinical	30.5 \pm 12.4	40.0	25.6 \pm 13.8	20.0	35.3 \pm 8.4	40.0

$N = 363$



FACULTY AND STAFF

For both the Program Director and the Director of Clinical Education, 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. Approximately 51% of Program Directors are on a 9-month contract (up from 44% last year), 23% on a 10-month contract (down from 25% last year), and 22% have a 12-month contract (holding steady from last year's numbers).

PROGRAM DIRECTOR (PD)

	ALL PROFESSIONAL PROGRAMS	BACCALAUREATE PROGRAMS	MASTER'S DEGREE PROGRAMS
	Number (%)	Number (%)	Number (%)
PD is Tenure Track Faculty	212 (58.4)	138 (54.8)	74 (66.7)
PD is Tenured	158 (43.5)	96 (38.1)	62 (55.9)
	Mean ± SD	Mean ± SD	Mean ± SD
PD Appointment (Months)	10.0 ± 1.2	9.9 ± 1.2	10.0 ± 1.3
PD Contact Hours	254.8 ± 137.7	261.9 ± 141.7	238.8 ± 127.2
PD Credit Hours	16.2 ± 5.7	16.4 ± 5.8	15.5 ± 5.6
PD Release Time (% of Overall Load)	28.5 ± 18.5	27.5 ± 20.1	30.7 ± 13.9

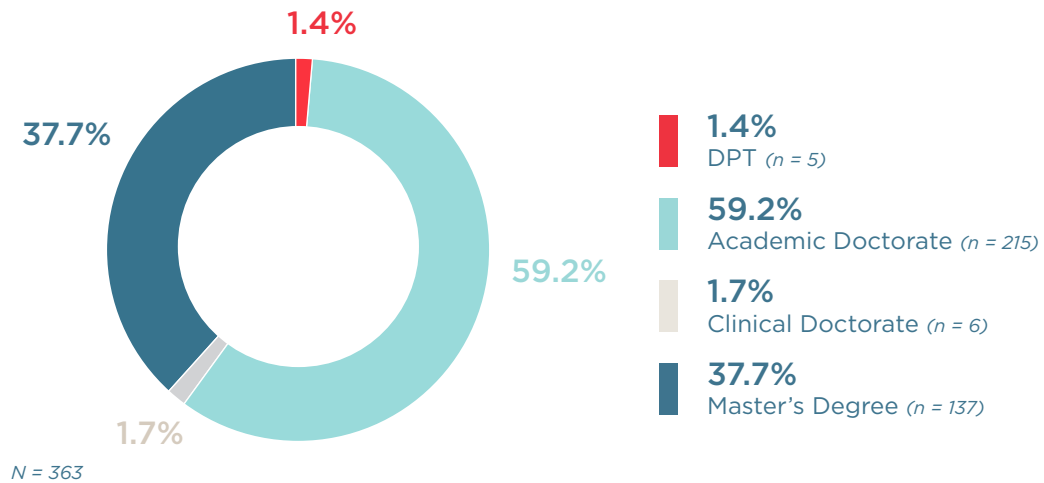
N = 363



PROGRAM DIRECTOR DEGREE

When completing the Annual Report, programs are instructed to select the highest degree earned by the program's administrators from an available dropdown menu. The majority (59.2%, $n = 215$) of Program Directors hold an academic doctorate degree. Six Program Directors have an earned clinical doctorate, and zero respondents selected the option for Bachelor's Degree. When split by degree type, in undergraduate programs 53% of Program Directors hold an academic doctorate (down from 54% last year), and 44% report a master's degree as the highest degree earned. In master's degree programs, 73% of Program Directors have an academic doctorate degree (down from 79% last year) and 22.5% hold a master's degree (up from 18% last year).

PROFESSIONAL PROGRAM DIRECTOR HIGHEST DEGREE EARNED



CLINICAL EDUCATION COORDINATOR

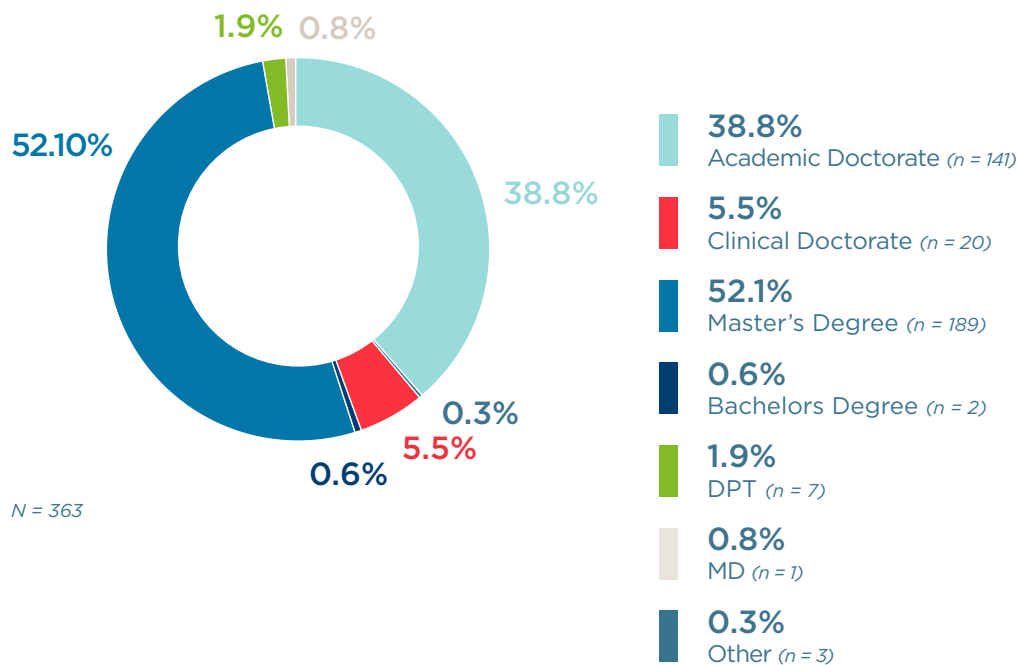
	ALL PROFESSIONAL PROGRAMS	BACCALAUREATE PROGRAMS	MASTER'S DEGREE PROGRAMS
	Number (%)	Number (%)	Number (%)
CEC is Tenured	62 (17.1)	34 (13.5)	28 (25.2)
	Mean ± SD	Mean ± SD	Mean ± SD
CEC Appointment (Months)	9.8 ± 1.1	9.7 ± 1.0	9.9 ± 1.2
CEC Contact Hours	268.2 ± 157.1	269.4 ± 160.0	265.5 ± 151.0
CEC Credit Hours	18.1 ± 19.0	17.1 ± 6.2	20.3 ± 33.3
CEC Release Time (% of Overall Load)	25.0 ± 13.7	24.1 ± 13.2	27.2 ± 14.8

N = 363

CLINICAL EDUCATION COORDINATOR DEGREE

When completing the Annual Report, programs are instructed to select the highest degree earned by the program's administrators from an available dropdown menu. The majority (52.1%, $n = 189$) of Clinical Education Coordinators (CEC) hold a master's degree, down from 58.4% last year. Academic doctorate was the second most common degree selection at 38.8% ($n = 141$), up from 34.9% last year. When split by degree level of the program, 61.5% of CECs at baccalaureate programs have a master's degree (down from 65.0% last year), compared to 30.6% of CECs at master's degree programs (down from 32.9% last year). The majority (61.3%) of CECs at master's degree programs have an Academic Doctorate degree, as compared with just 29.0% of CECs at baccalaureate programs

CLINICAL EDUCATION COORDINATOR HIGHEST DEGREE EARNED



N = 363

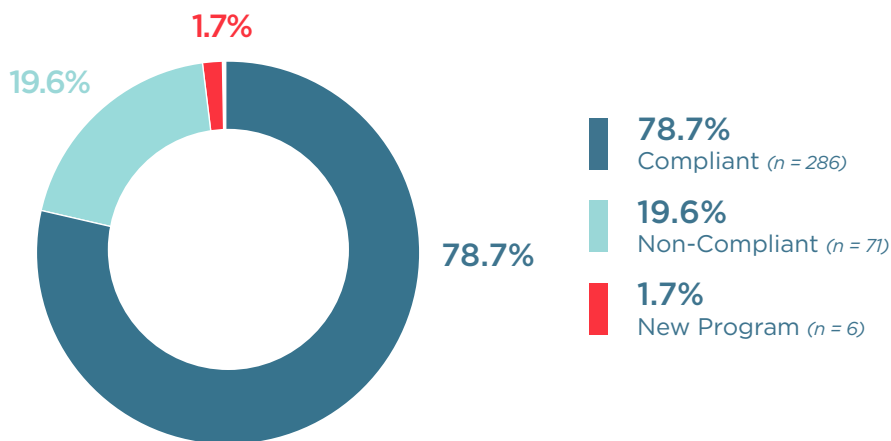


OUTCOMES

COMPLIANCE WITH STANDARD 11 - AGGREGATE BOARD OF CERTIFICATION (BOC) EXAM PASS RATES

The three-year aggregate first time BOC exam pass rate scores are used to determine compliance with Standard 11, which mandates an aggregate first-time BOC exam pass rate of 70% or higher. The data included in the analysis contains all BOC pass rates through the October 2018 BOC exam window. New programs are not evaluated for compliance with Standard 11 until the time at which they have three years of BOC Examination data. The number of non-compliant programs ($n = 71$) increased slightly as compared to last year, which saw 70 programs in non-compliance.

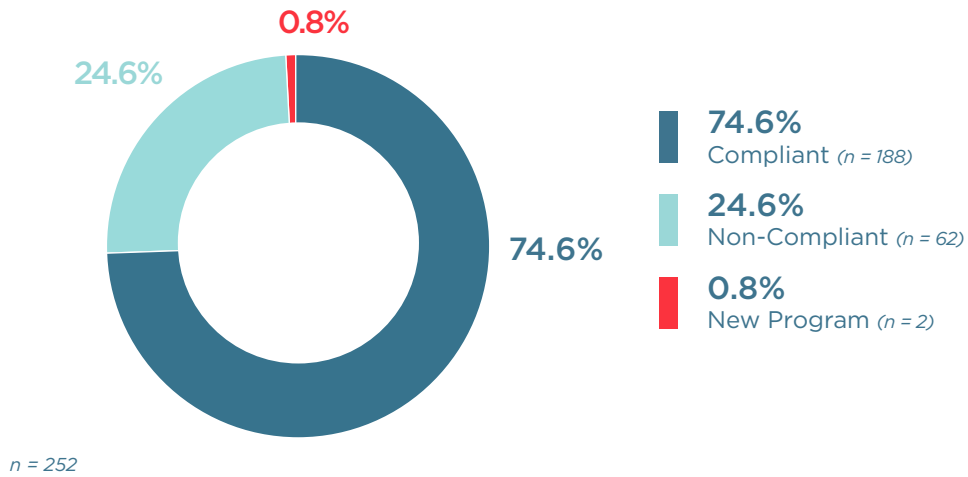
PROFESSIONAL PROGRAM COMPLIANCE WITH STANDARD 11 (2016-2018)



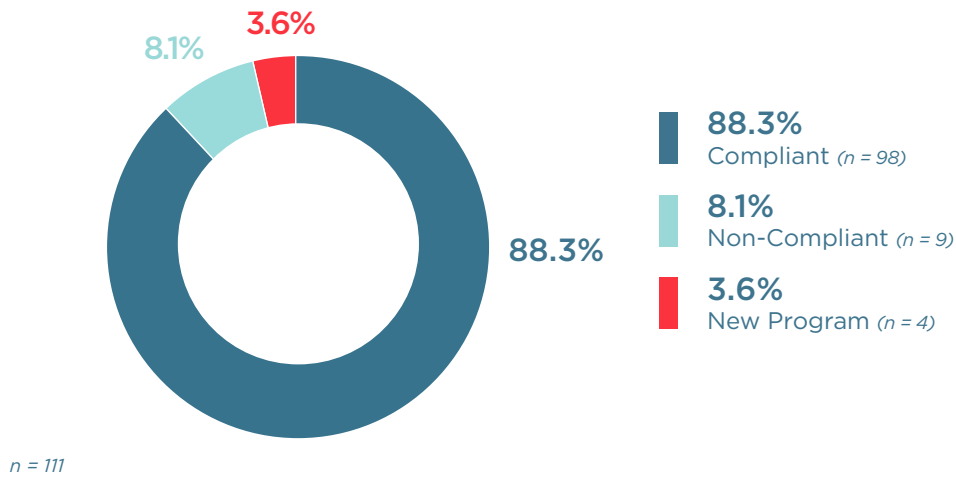
N = 363



BACCALAUREATE PROGRAM COMPLIANCE WITH STANDARD 11 (2016-2018)



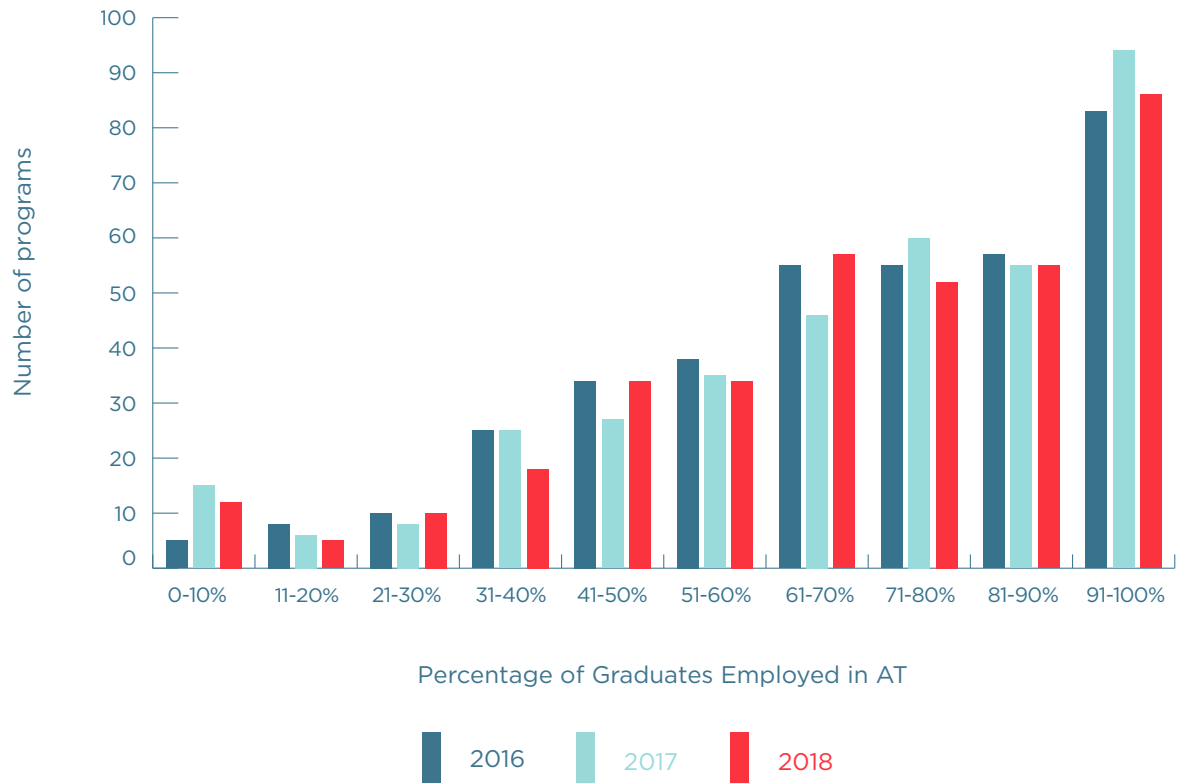
MASTER'S DEGREE PROGRAM COMPLIANCE WITH STANDARD 11 (2016-2018)



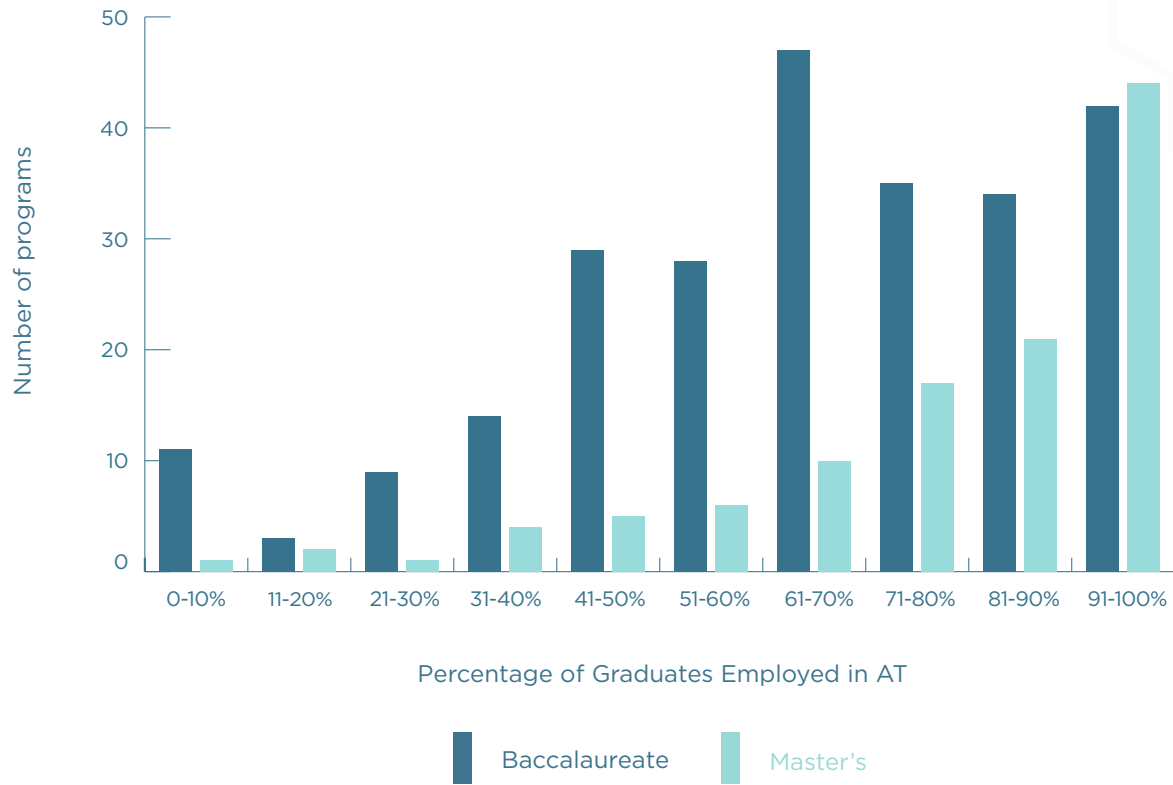
GRADUATES' EMPLOYMENT IN ATHLETIC TRAINING

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

PERCENTAGE OF GRADUATING COHORT EMPLOYED IN ATHLETIC TRAINING (THREE-YEAR COMPARISON, 2016-2018)



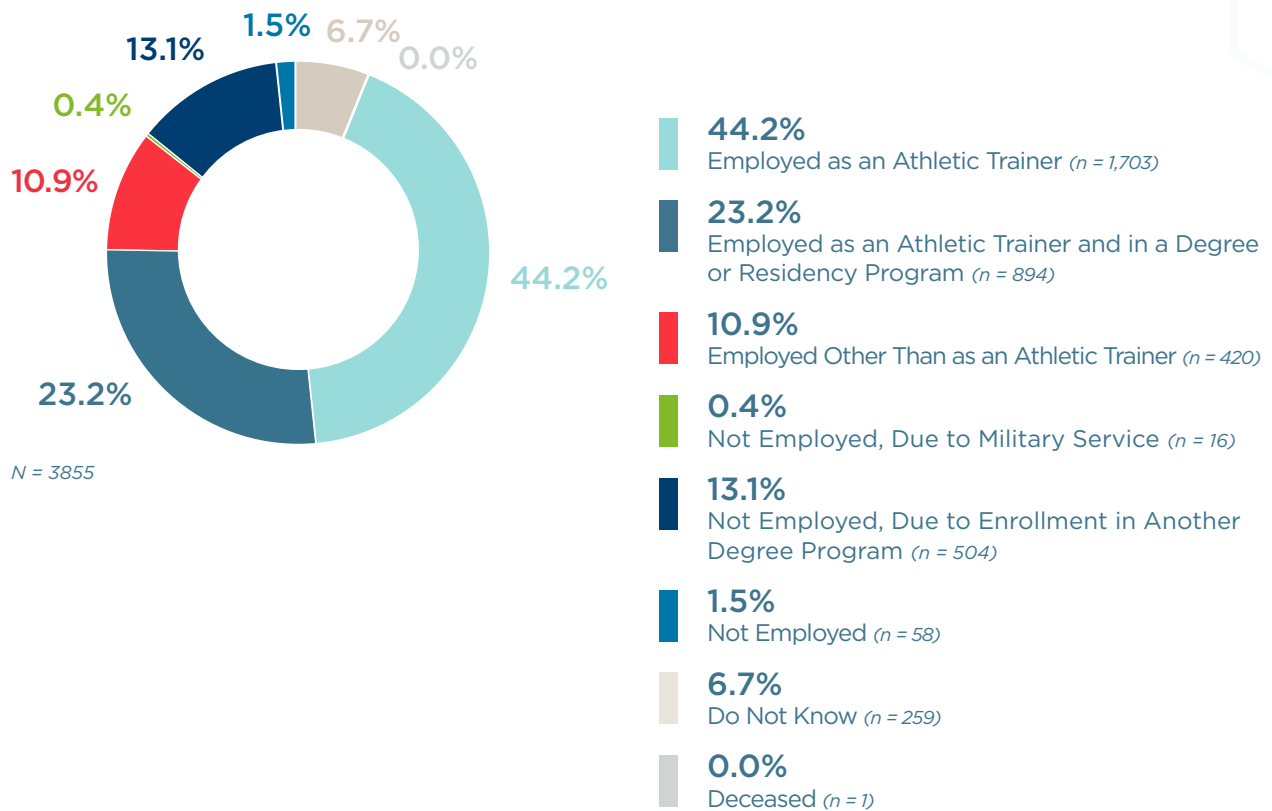
**PERCENTAGE OF 2017-2018 GRADUATING COHORT EMPLOYED IN AT:
BACCALAUREATE AND MASTER'S DEGREE COMPARISON**



GRADUATES' PLACEMENT

This section of information is provided from data entered by the Program Director within student profiles. From the 2017-2018 graduating cohort, 3,855 student profiles had been updated with placement information. If programs had not updated student profiles to reflect graduate placement at the time of Annual Report submission, those students were not included in the data displayed below.

2017-2018 GRADUATING STUDENT PLACEMENT



POST-PROFESSIONAL DEGREE PROGRAMS

Athletic Training Post-Professional degree programs lead to a degree at the master’s or doctoral level for students that are already credentialed as athletic trainers. These programs are intended to expand the depth and breadth of the applied, experiential, and propositional knowledge and skills of athletic trainer through didactic, clinical, and research experiences.

POST-PROFESSIONAL DEGREE PROGRAM OVERVIEW

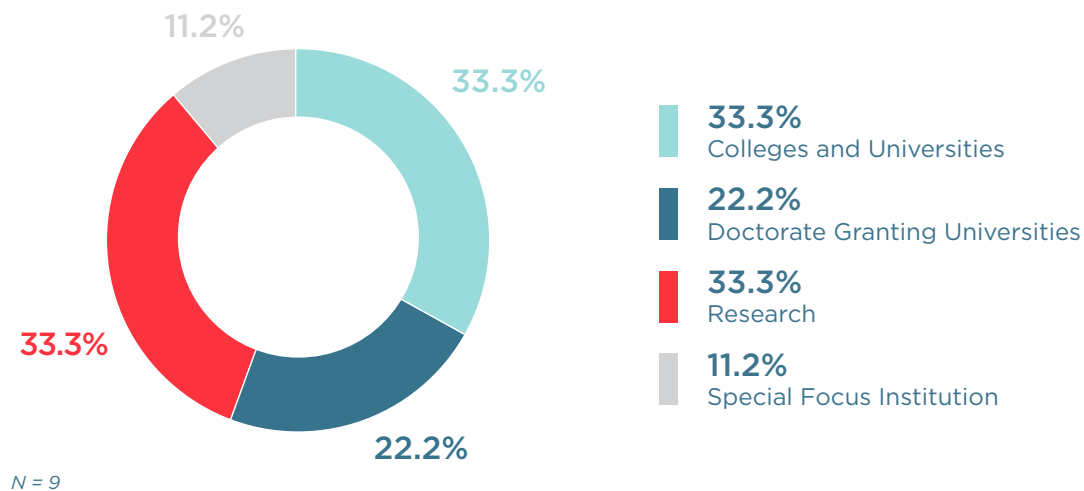
THE TYPICAL POST-PROFESSIONAL AT PROGRAM AT A GLANCE:	
Institution Type:	Public
Degree Awarded:	Master of Science in Athletic Training
Admissions Process:	Direct
New Students Admitted:	13 [‡]
Program Enrollment:	27 [‡]
Student Enrollment by Gender Ratio:	8:5, female to male
Student Enrollment by Race Ratio:	10:1, white to all other races*
Program Director:	Tenured Faculty, 10-month appointment, Academic Doctorate Degree
Clinical Education Coordinator:	10-month appointment, Academic Doctorate Degree
Number of Core Faculty:	4 [‡]

**denotes decrease from last year’s ‘At a Glance’ data, ‡ denotes increase from last year’s ‘At a Glance’ data*

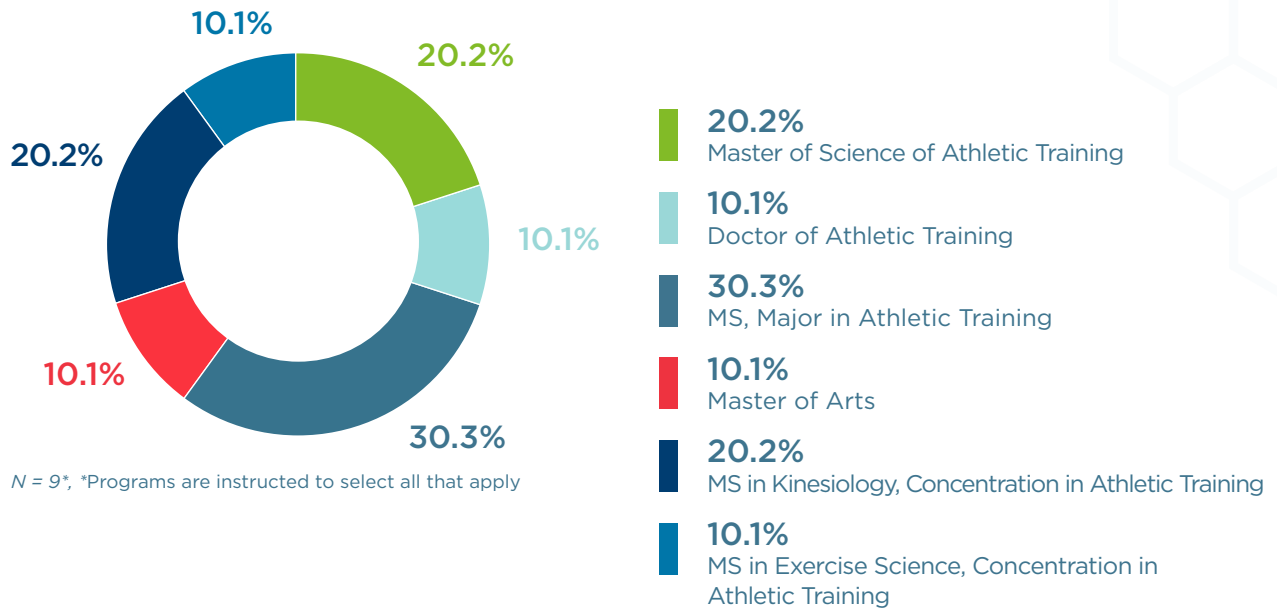
POST-PROFESSIONAL DEGREE PROGRAM ACCREDITATION, INSTITUTION TYPE, CARNEGIE CATEGORY, AND DEGREE

During the 2017-2018 academic year, there were nine (9) accredited post-professional degree programs, which represented a 30.7% decrease from the previous academic year. Eight (88.9%) of the programs were offered at public institutions, and 1 (11.1%) program was at a private not-for-profit institution. One program offered a Doctor of Athletic Training (DAT), and the remaining programs were offered at the master's degree level. None of the post-professional degree programs went through the comprehensive review process during the reporting period.

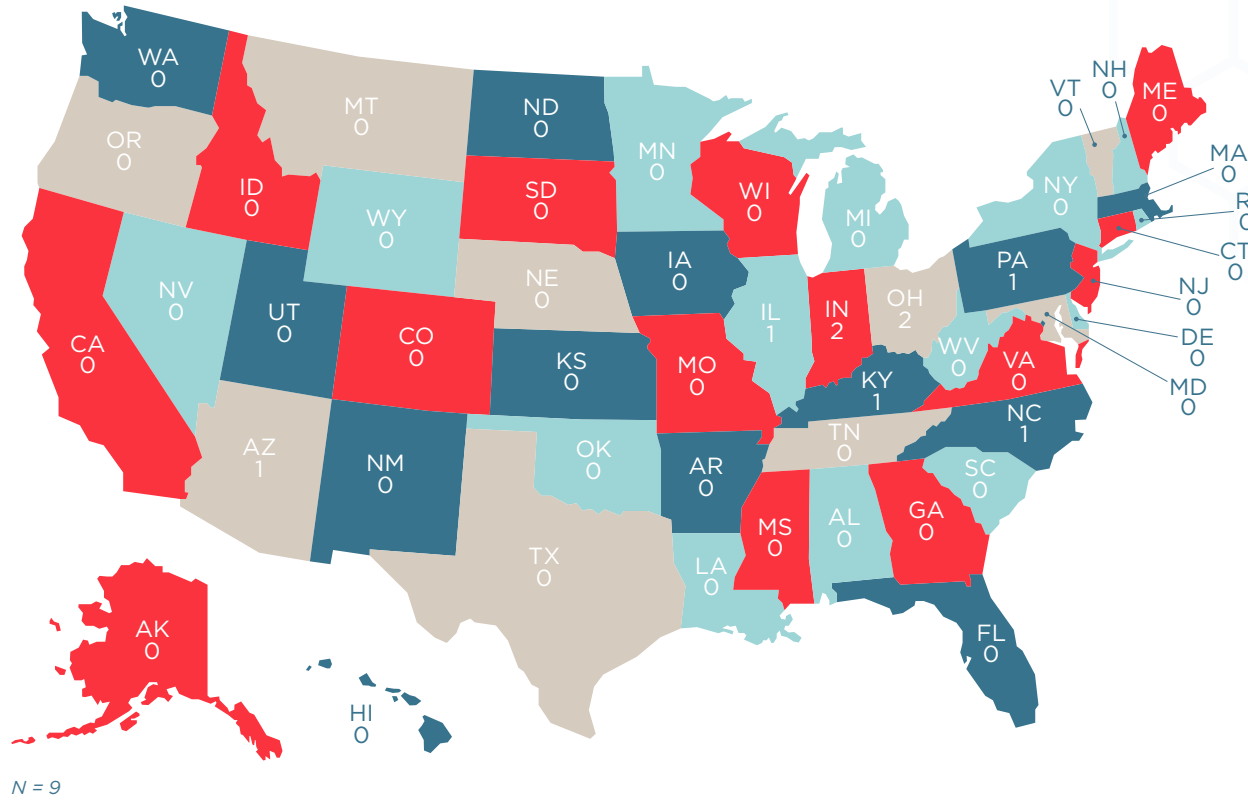
POST-PROFESSIONAL DEGREE PROGRAMS CARNEGIE CATEGORIES



POST-PROFESSIONAL DEGREE PROGRAM: DEGREE AWARDED



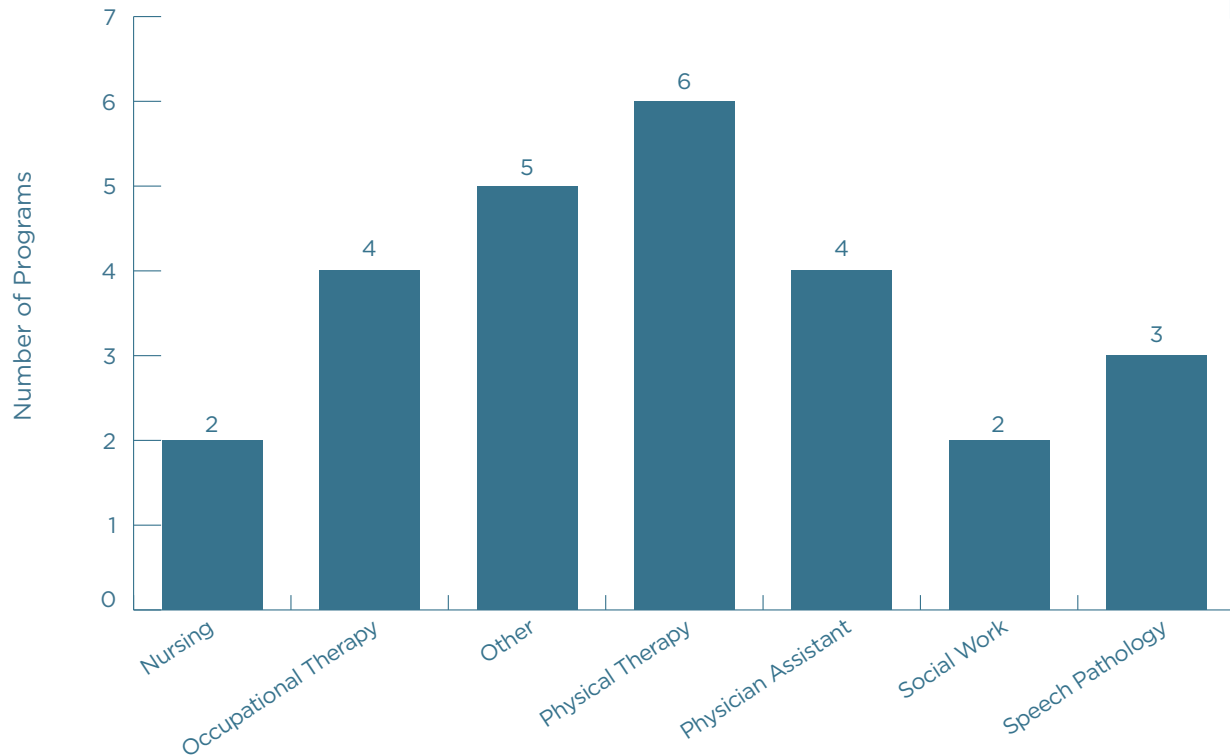
POST-PROFESSIONAL DEGREE PROGRAMS BY STATE



PROGRAM ADMINISTRATIVE STRUCTURE

Of the nine post-professional degree programs, seven (77.8%) are administratively aligned with other healthcare programs at their institution. Program administrators were instructed to select all that apply when identifying programs within their administrative unit, and those programs are illustrated in the graph below.

HEALTHCARE PROGRAMS ADMINISTRATIVELY ALIGNED WITH POST-PROFESSIONAL DEGREE PROGRAMS



n = 7, seven programs indicated being aligned with other healthcare programs, and indicated 'all that apply' when identifying these healthcare programs



PROGRAM ADMISSIONS

ADMISSIONS PROCESS

Program Directors were asked to identify the admission 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 admission process is one in which the student applies to the program separately from the institution.

NUMBER (%)	
Direct Admissions	8 (88.9)
Secondary Admissions	1 (11.1)

N = 9

ADMISSIONS CAPACITY AND ENROLLMENT

Across all programs, there was a 25.7% increase in the average available admissions capacity, a 21.2% increase in average completed applications, a 29% increase in the average number of students admitted as compared to last year.

	MEAN ± SD PER PROGRAM	TOTAL FOR ALL PROGRAMS
Admission Slots Available	13.7 ± 6.7	123
Completed Applications	61.1 ± 47.1	550
Students Offered Admissions	15.6 ± 6.8	140
Students Accepting Offer	12.9 ± 6.2	116

N = 9



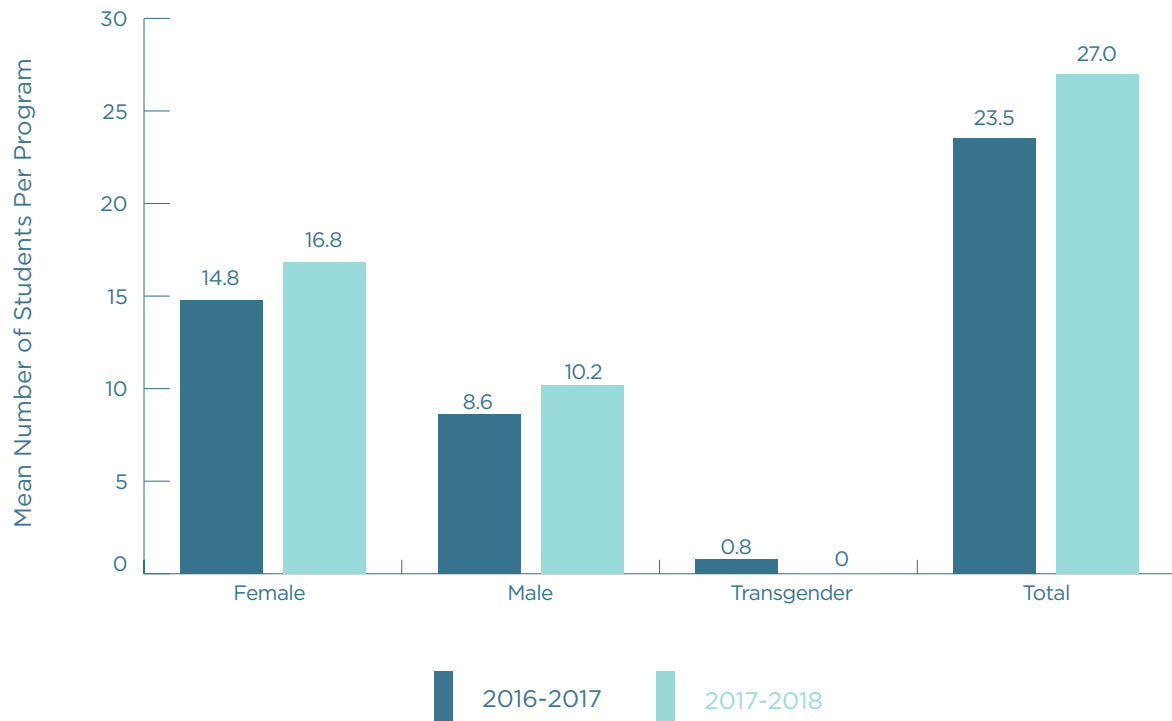
PROGRAM ENROLLMENT

PROGRAM ENROLLMENT BY GENDER

	MEAN PER PROGRAM	TOTAL FOR ALL PROGRAMS
Female	16.8 ± 9.3	151
Male	10.2 ± 8.5	92
Transgender	0.0 ± 0.0	0
Total	27.0 ± 17.1	243

N = 9 programs

POST-PROFESSIONAL DEGREE PROGRAMS: ENROLLMENT BY GENDER TWO YEAR COMPARISON



N = 9 programs

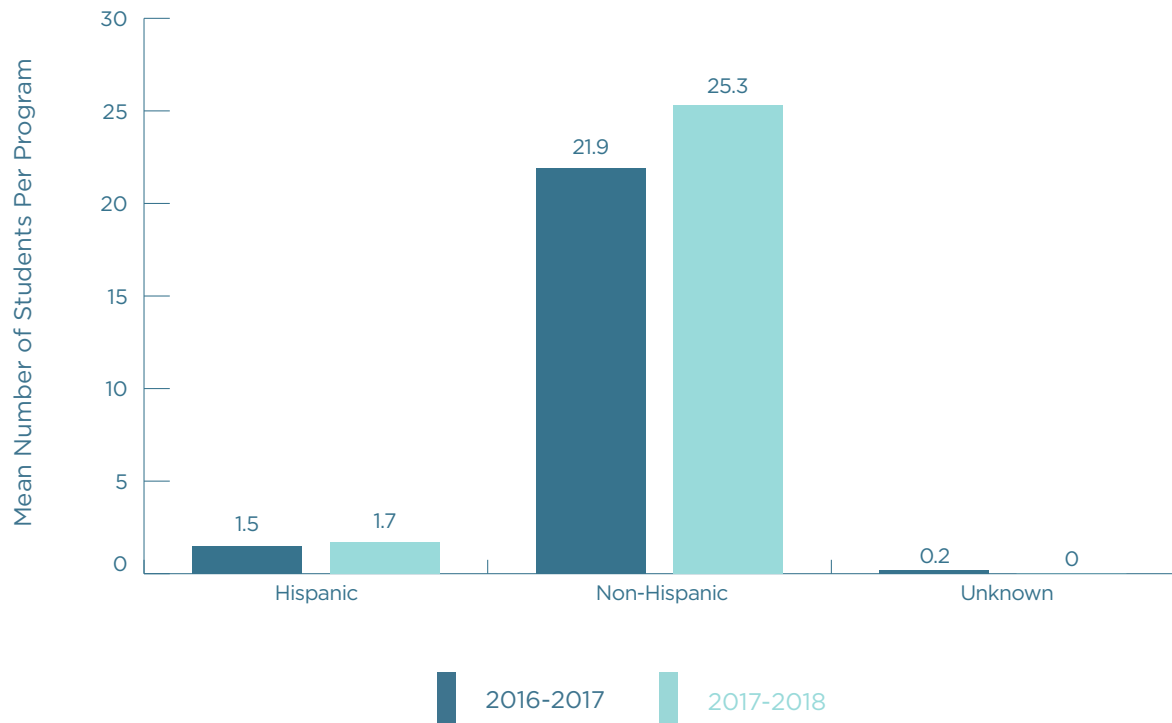


PROGRAM ENROLLMENT BY ETHNICITY

	MEAN ± SD PER PROGRAM	TOTAL FOR ALL PROGRAMS
Hispanic	1.7 ± 1.9	15
Non-Hispanic	25.3 ± 15.5	228

N = 9 Programs, no programs indicated students with unknown ethnicity

POST-PROFESSIONAL DEGREE PROGRAM: ENROLLMENT BY ETHNICITY TWO YEAR COMPARISON



N = 9 programs

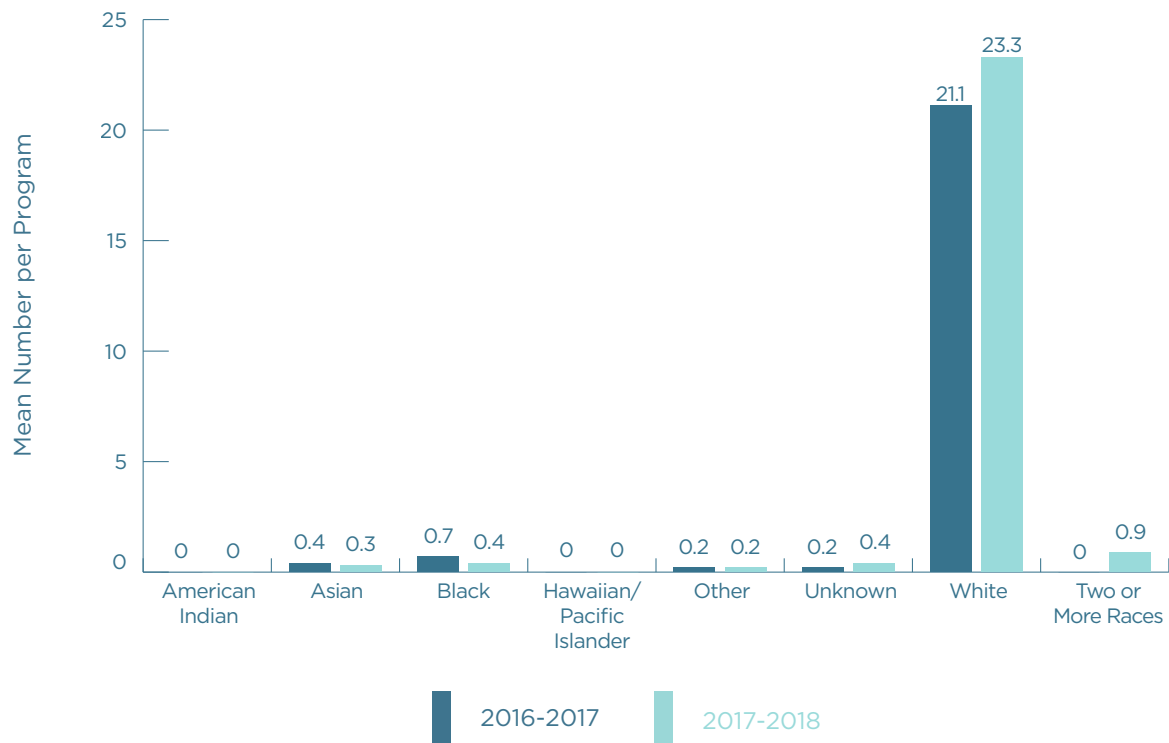


PROGRAM ENROLLMENT BY RACE

	MEAN \pm SD PER PROGRAM	TOTAL FOR ALL PROGRAMS*
American Indian	0	0
Asian	0.3 \pm 0.5	3
Black	0.4 \pm 0.5	4
Hawaiian/Pacific Islander	0	0
Other	0.2 \pm 0.7	2
Unknown	0.2 \pm 0.4	4
White	23.3 \pm 14.9	210
Two or More Races	0.9 \pm 1.4	8

*N = 9 programs, *Total of all reported student races (n = 231) does not equal the sum of all reported enrolled students (N = 243)*

POST-PROFESSIONAL DEGREE PROGRAM: ENROLLMENT BY RACE TWO YEAR COMPARISON



N = 9 programs



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 program specific costs such as liability insurance, background checks, and/or other publicized associated costs for their program. The information provided by the single private institution fell within the range of data provided for all public institutions, so therefore were not differentiated in these analyses.

	IN-STATE	% CHANGE FROM PREVIOUS YEAR'S REPORT	OUT-OF-STATE COSTS	% CHANGE FROM PREVIOUS YEAR'S REPORT
Annual Tuition	11,721 ± 4,088	-2.9%	22,311 ± 7,074	-5.8%
Annual Fees	1,405 ± 940	+20.7%	1,405 ± 940	+15.1%
Annual Other Costs	2,079 ± 5,601	+36.6%	2,249 ± 6,111	+37.1%
Total Annual Cost	15,205 ± 5,601	+3.1%	25,965 ± 11,194	-2.1%

N = 9, mean \$ ± SD unless otherwise noted

PROGRAM OPERATING EXPENDITURES

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

	RANGE (DOLLARS)	MEAN DOLLARS ± SD
Administrative Support [^]	5,919 - 95,751	44,246 ± 30,034
Expendable Supplies [*]	0 - 3,210	1,646 ± 1,216
Professional Development	3,000 - 13,600	8,159 ± 4,283

*N = 9, *n = 7; outliers removed, ^n = 8; outlier removed*



FACULTY & STAFF

For both the Program Director and the Clinical Education Coordinator, 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 time spent in class over the academic year.

PROGRAM DIRECTOR (PD)

All nine (100%) of the post-professional degree programs' Program Directors reported holding an academic doctorate degree. Contract length ranged from 9 – 12 months, with five PDs on a 9-month contract, one PD with a 10-month contract, and three PDs on 12-month contract. Last year nearly half of Program Directors reported a 12 credit/year course load, with only 2 programs PDs reporting credit load of higher than 12. This year Program Director credit load ranged from 0 – 22.5 credit hours, with 33.3% of PDs reporting lower than 12 credit hours, 33.3% of PDs at 12 credit hours, and 33.3% above 12 credit hours.

	Number (%)
PD is Tenure Track Faculty	8 (88.9)
PD is Tenured	8 (88.9)
Mean ± SD	
PD Appointment (Months)	10.1 ± 1.4
PD Contact Hours	124.9 ± 77.8
PD Credit Hours	11.6 ± 6.7
PD Release Time (% of Overall Load)	19.1 ± 14.5

N = 9

CLINICAL EDUCATION COORDINATOR

Clinical Education Coordinators (CEC) are not required by the Standards for post-professional degree programs. All nine accredited programs reported having a designated Clinical Education Coordinator on contract. Six (66.7%) of those have an earned academic doctorate degree, one (11.1%) has a master's degree, and two (22.2%) have a clinical doctorate.

	Number (%)
CEC is Tenured	3 (33.3)
Mean ± SD	
CEC Appointment (Months)	10.3 ± 1.2
CEC Contact Hours	174.6 ± 183.9
CEC Credit Hours	12.7 ± 8.6

N = 9



PROGRAM FACULTY

The number of core faculty in each program ranged from 2 ($n = 7$) to 8 ($n = 7$). The mode ($n = 3$) was three core faculty, and 77.8% of programs indicated have five or fewer core faculty. Numbers of associated ranged from 0 to 4, and only one program reported having an adjunct faculty member.

	MEAN \pm SD
Core Faculty	4.3 \pm 1.9
Associated Faculty	1.4 \pm 1.2
Adjunct Faculty	0.3 \pm 0.5

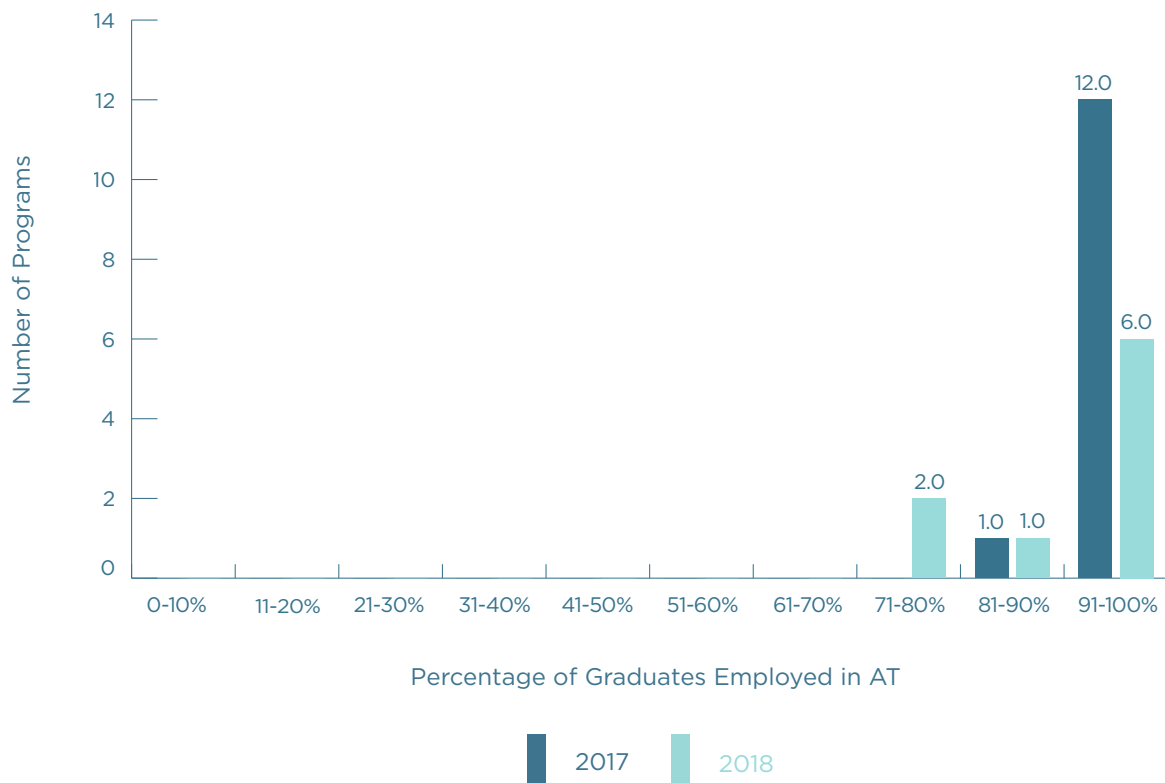
$N = 9$

OUTCOMES

GRADUATES' EMPLOYMENT IN ATHLETIC TRAINING

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

PERCENTAGE OF GRADUATING COHORT EMPLOYED IN ATHLETIC TRAINING: TWO YEAR COMPARISON



POST-PROFESSIONAL RESIDENCY PROGRAMS

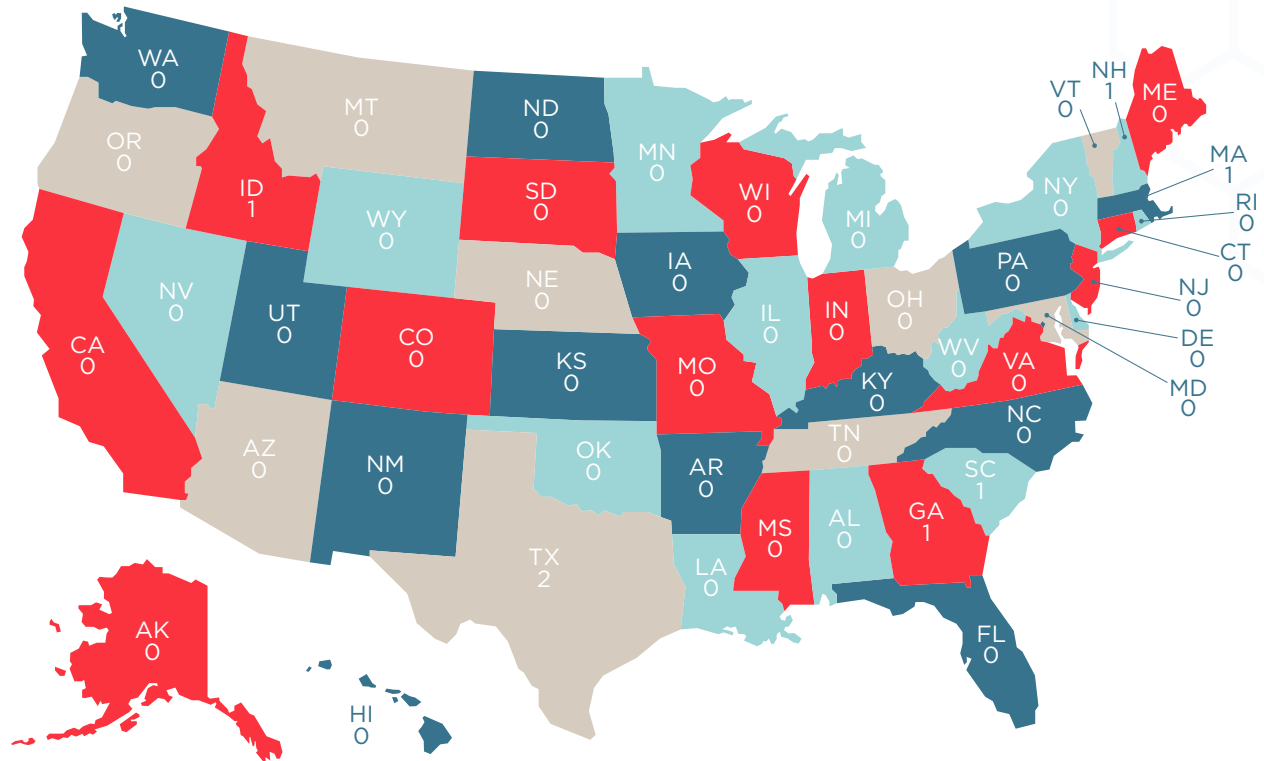
Athletic Training Residency programs are non-degree, post-professional programs that provide structured, practice-based curricula in an identified focused area of clinical practice to those who are already credentialed athletic trainers. These programs are designed to prepare clinical specialists by building upon and expanding an athletic trainer's knowledge and experience in a focused area of clinical practice. For the 2017-2018 reporting period there were seven accredited residency programs in Athletic Training (a 16.6% increase from the previous year), one of which received initial accreditation during this time frame. An additional two (2) residency programs received initial accreditation in September 2018, but as their accreditation was awarded after the Annual Report was opened, they did not complete an Annual Report for the 2017-2018 academic year.

The accredited program profiles are presented below, and all other data provided in this report have been aggregated.

NAME OF THE PROGRAM	FOCUSED AREA OF CLINICAL PRACTICE	SPONSORING ORGANIZATION TYPE	RESIDENCY LENGTH (MONTHS)
Emory Athletic Training Residency	Orthopedics	University Medical Center	12
Houston Methodist Sugar Land - Athletic Training Residency	Rehabilitation	Medical Center/Hospital	12
New Hampshire Musculoskeletal Institute - Integrated Clinical Sports Medicine Residency	Primary Care	501(c)3 non-profit	12
Palmetto Health - USC Orthopedic Center Athletic Training Residency	Musculoskeletal Evaluation and Diagnosis	Medical Center/Hospital	12
St Luke's Sports Medicine - Athletic Training Residency	Orthopedics	Physician Practice/Clinic	12
Texas Health Sports Medicine Athletic Training Residency	Rehabilitation	Medical Center/Hospital	12
Boston University Athletic Training Residency	Neurotrauma & Spine	College/University	12



RESIDENCY LOCATIONS

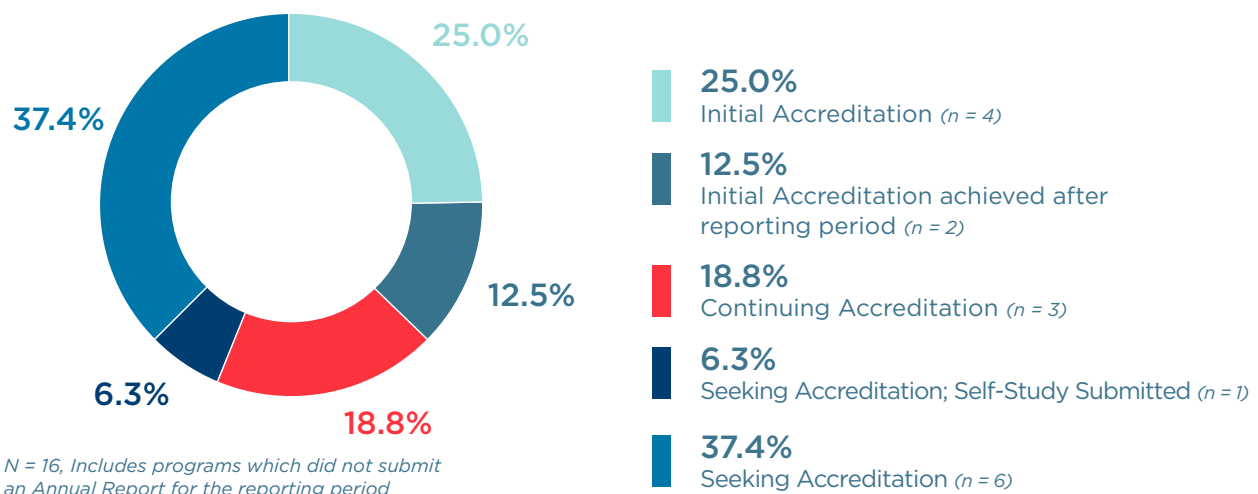


N = 7

ACCREDITATION STATUS

As noted previously, one program achieved initial accreditation during the Annual Report reporting period; receiving 5 years of initial accreditation (the maximum allowed for initial accreditation of a post-professional residency program). Two additional accredited programs completed the Comprehensive Review process during the reporting period, both receiving seven (7) years of continuing accreditation (the maximum allowed for continuing accreditation of a post-professional residency program), and one program submitted the self-study on July 1, 2018 seeking initial accreditation. An additional six (6) post-professional residency programs have initiated the process of seeking initial accreditation (i.e. have paid for access to eAccreditation, but have not completed the self-study process).

POST-PROFESSIONAL RESIDENCY PROGRAMS; ACCREDITATION STATUS



SPECIALTY CERTIFICATION

Residency Program Directors were asked to identify if their residency program results in a specialty certification of any kind. Only two of the seven (28.6) residencies identified a specialty certification, and both indicated that the program included Orthopaedic Technologist - Certified (OTC) credentialing.

ADMISSIONS CAPACITY AND ENROLLMENT

Accredited residency programs are seeing more than six times the number of applicants than available positions, and are operating at 96% of their reported capacity. The majority of residency programs (71.4%) offer two resident positions per year.

	MEAN ± SD PER PROGRAM	TOTAL FOR ALL PROGRAMS
Admission Slots Available	4.0 ± 4.1	28
Completed Applications	25.9 ± 9.4	181
Residents Offered Admissions/Positions	4.7 ± 6.0	33
Residents Accepting Offer	3.9 ± 4.2	27

N = 7



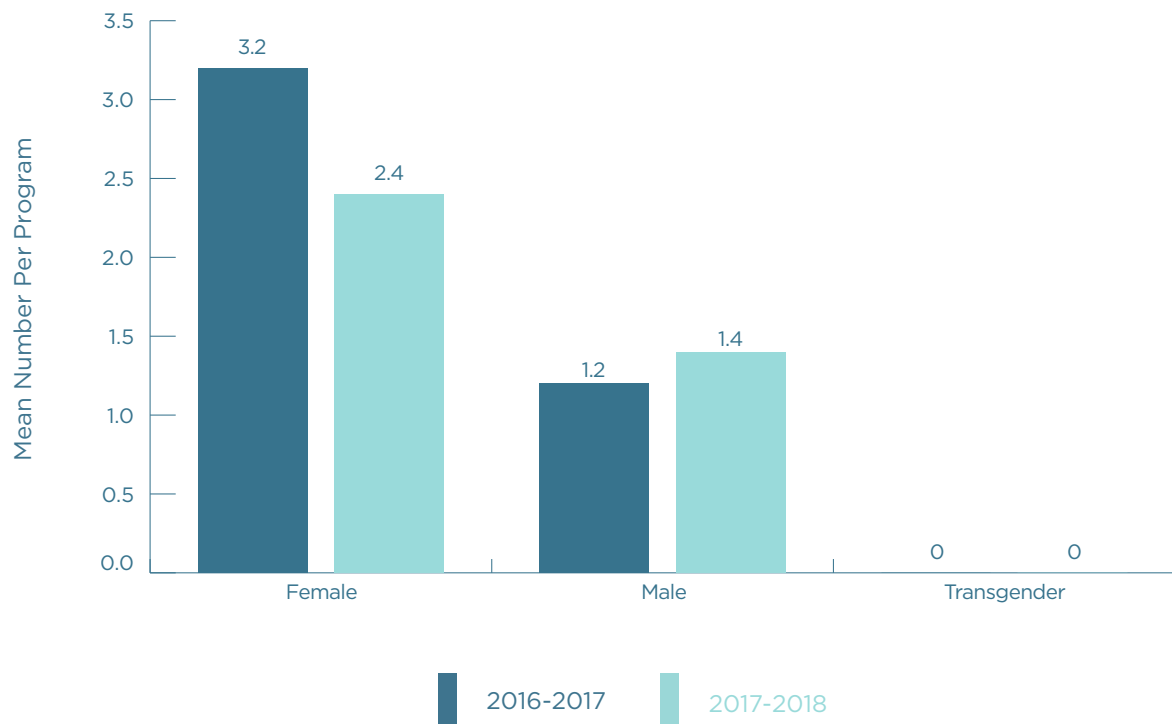
PROGRAM ENROLLMENT

PROGRAM ENROLLMENT BY GENDER

	MEAN \pm SD PER PROGRAM	TOTAL FOR ALL PROGRAMS
Female	2.4 \pm 2.3	17
Male	1.4 \pm 2.1	10
Transgender	0.0 \pm 0.0	0
Total	3.9 \pm 4.2	27

N = 7

POST-PROFESSIONAL RESIDENCY PROGRAMS: ENROLLMENT BY GENDER; TWO YEAR COMPARISON

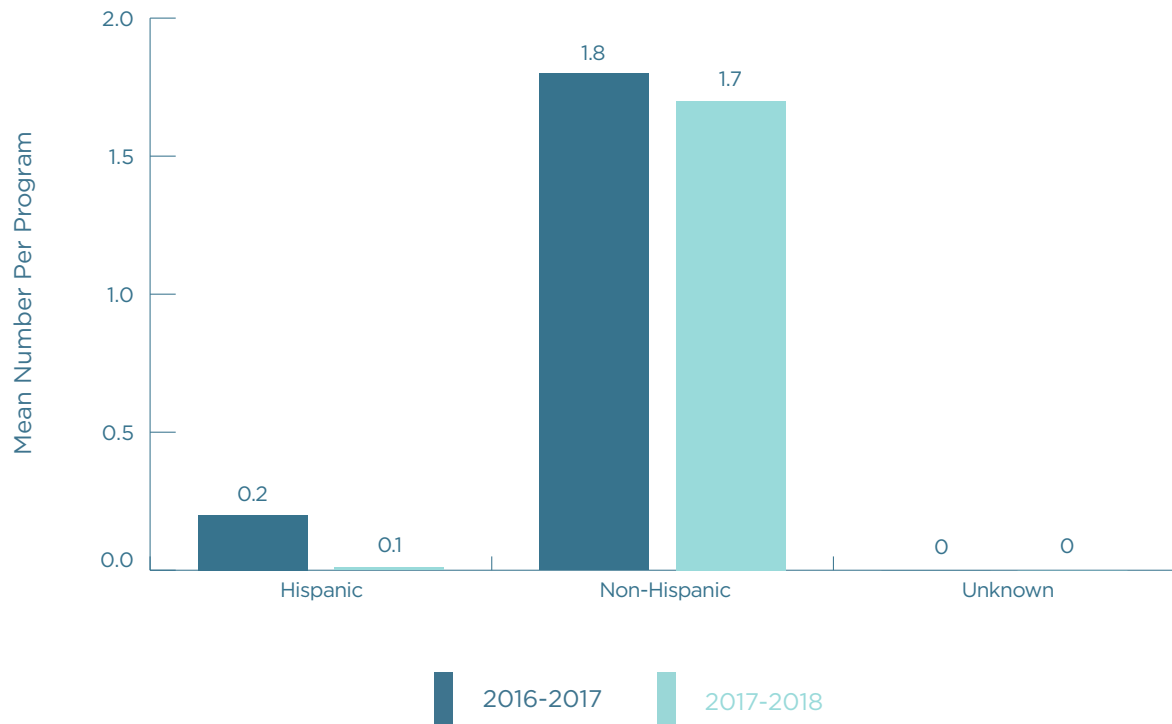


PROGRAM ENROLLMENT BY ETHNICITY

	MEAN ± SD PER PROGRAM	TOTAL FOR ALL PROGRAMS*
Hispanic	0.1 ± 0.4	1
Non-Hispanic	1.7 ± 1.7	12
Unknown	0	0

*Number of reported residents by ethnicity does not equal total reported number of residents (N = 27)

POST-PROFESSIONAL RESIDENCY PROGRAM ENROLLMENT BY ETHNICITY; TWO YEAR COMPARISON

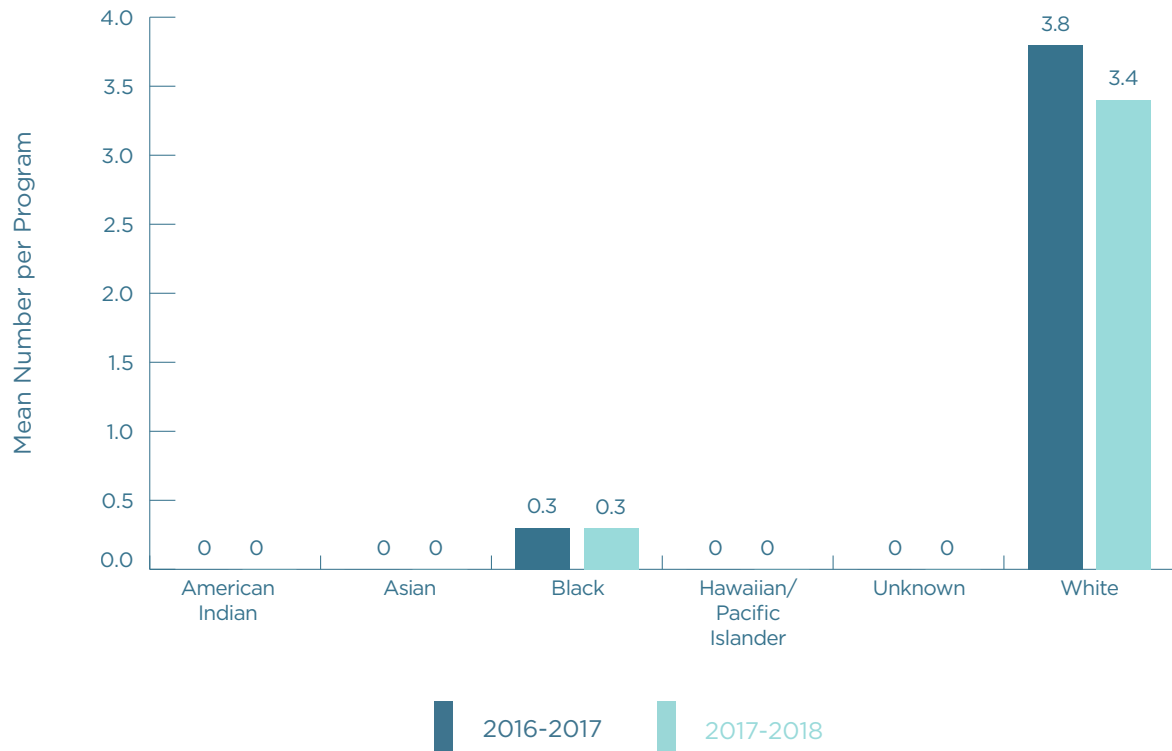


PROGRAM ENROLLMENT BY RACE

	MEAN ± SD PER PROGRAM	TOTAL FOR ALL PROGRAMS*
American Indian	0.0 ± 0.0	0
Asian	0.0 ± 0.0	0
Black	0.3 ± 0.8	2
Hawaiian/Pacific Islander	0.0 ± 0.0	0
Unknown	0.0 ± 0.0	0
White	3.4 ± 3.2	24

*Sum of residents of race categories was less than the total number of resident reported

POST-PROFESSIONAL RESIDENCY PROGRAM ENROLLMENT BY RACE; TWO YEAR COMPARISON

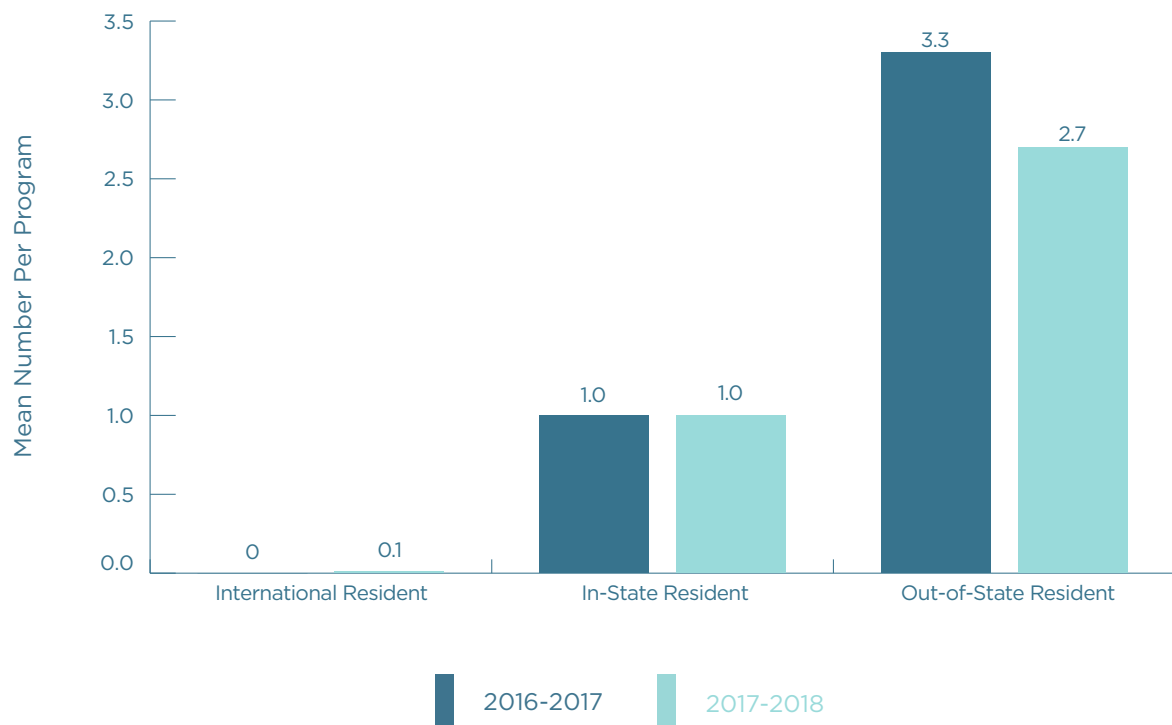


RESIDENT STATUS

	MEAN \pm SD PER PROGRAM	TOTAL FOR ALL PROGRAMS
International Resident	0.1 \pm 0.4	1
In-State Resident	1.0 \pm 1.8	7
Out-of-State Resident	2.7 \pm 2.6	19

N = 7

POST-PROFESSIONAL RESIDENCY PROGRAM REPORTED RESIDENT STATUS; TWO YEAR COMPARISON



PERSONNEL

PRECEPTORS

The number of preceptors at each program ranged from three to 17. The majority of programs (57.1%) report having eight or fewer preceptors affiliated with their program.

	MEAN ± SD PER PROGRAM	TOTAL FOR ALL PROGRAMS
Total Number of Preceptors	9.6 ± 6.0	67

FACULTY

The number of faculty at each program ranged from two to 16. The majority of programs (57.1%) report having six or fewer faculty members affiliated with their program.

	MEAN ± SD PER PROGRAM	TOTAL FOR ALL PROGRAMS
Total Number of Faculty	7.0 ± 5.7	49



COSTS AND BENEFITS

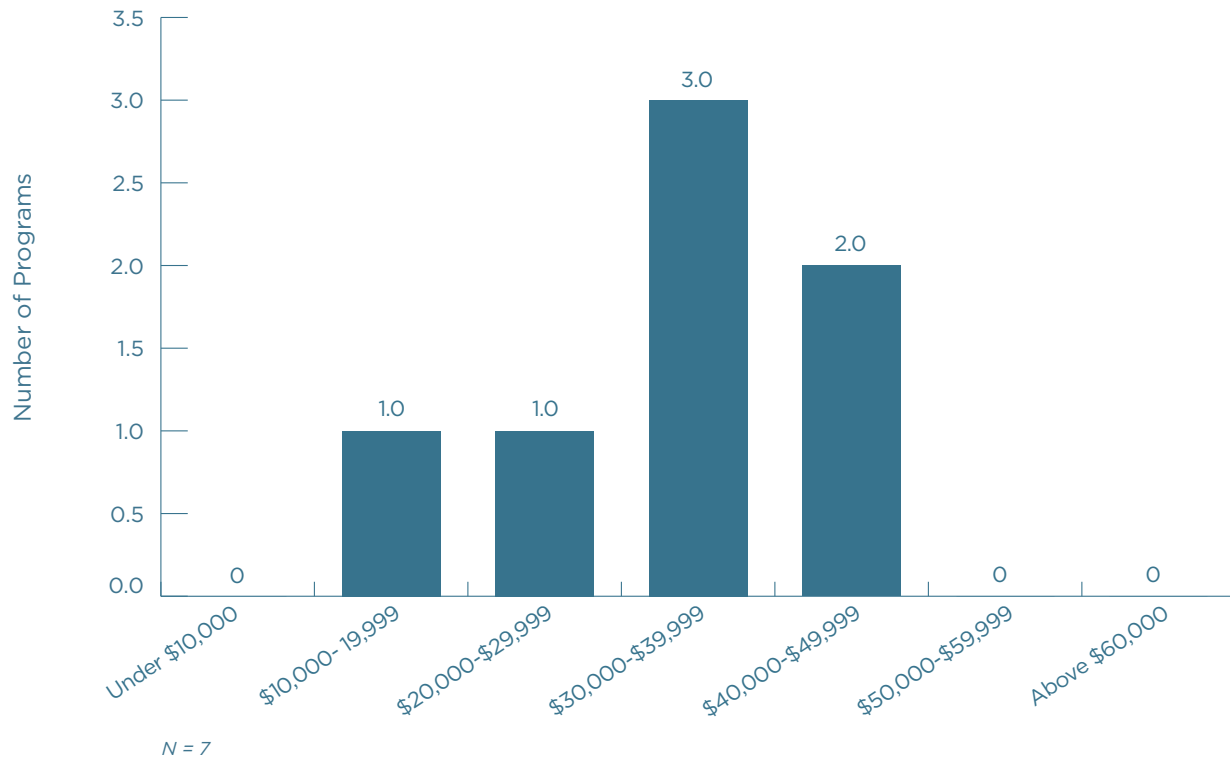
COSTS

Programs were asked to provide the annual program specific costs that residents will incur by participating in the residency program. The average cost was \$1,478 (a decrease of 70.0% from last year's reported average) with three programs reporting \$0 in costs, and the other four programs reporting a range of costs from \$175 - \$8,000. Programs are required to make program specific costs publicly available on their website.

SALARY

Programs were asked to report in which salary range their residents are paid. Three of the six accredited programs reported paying their residents between \$30,000-\$39,000.

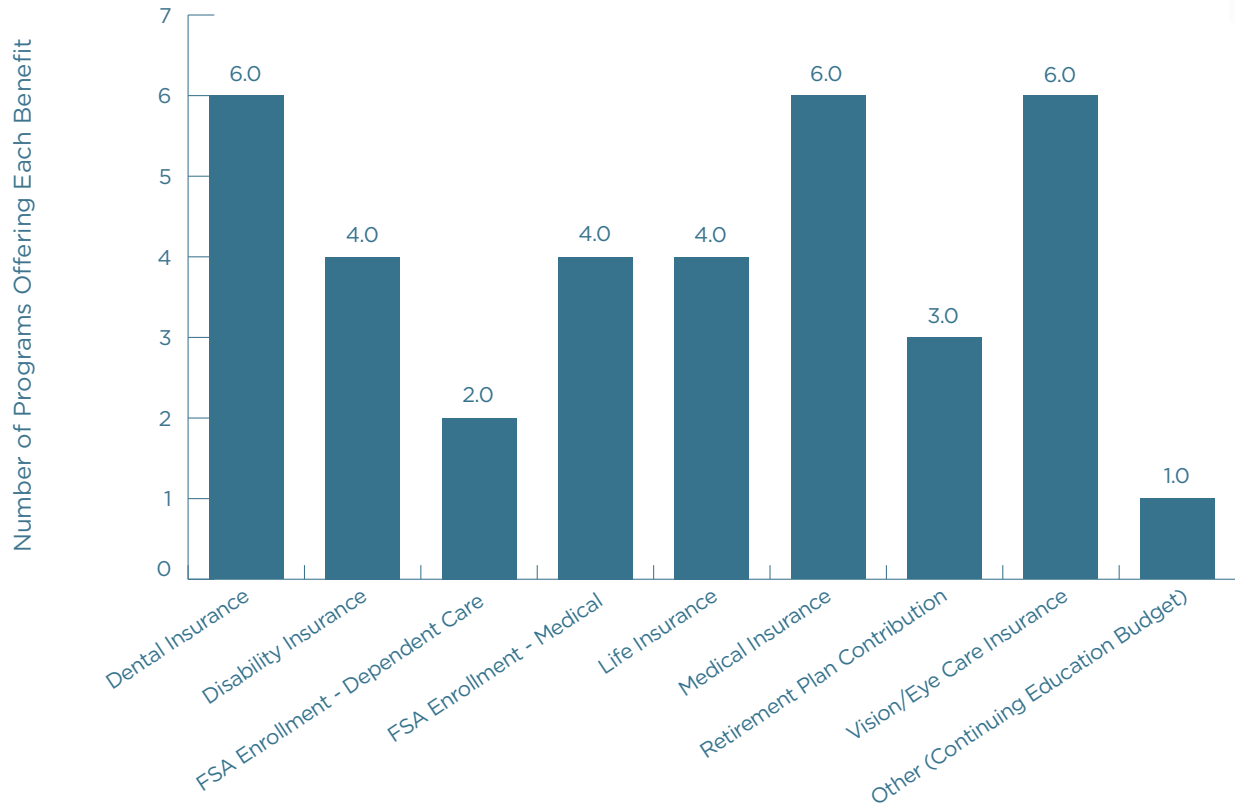
POST-PROFESSIONAL RESIDENCY PROGRAM ANNUAL RESIDENT SALARY



BENEFITS

Programs were asked what, if any, additional benefits are residents eligible to receive while completing the Residency Program. Only one program selected the 'other' option and identified the additional benefit as a continuing education budget, which has been identified in the graph below. Medical, Dental, and Vision/Eye Care Insurance were the only benefits that residents were eligible to receive at all six residency programs.

POST-PROFESSIONAL RESIDENCY PROGRAM BENEFIT ELIGIBILITY



N = 7, Programs select all that apply



OUTCOMES

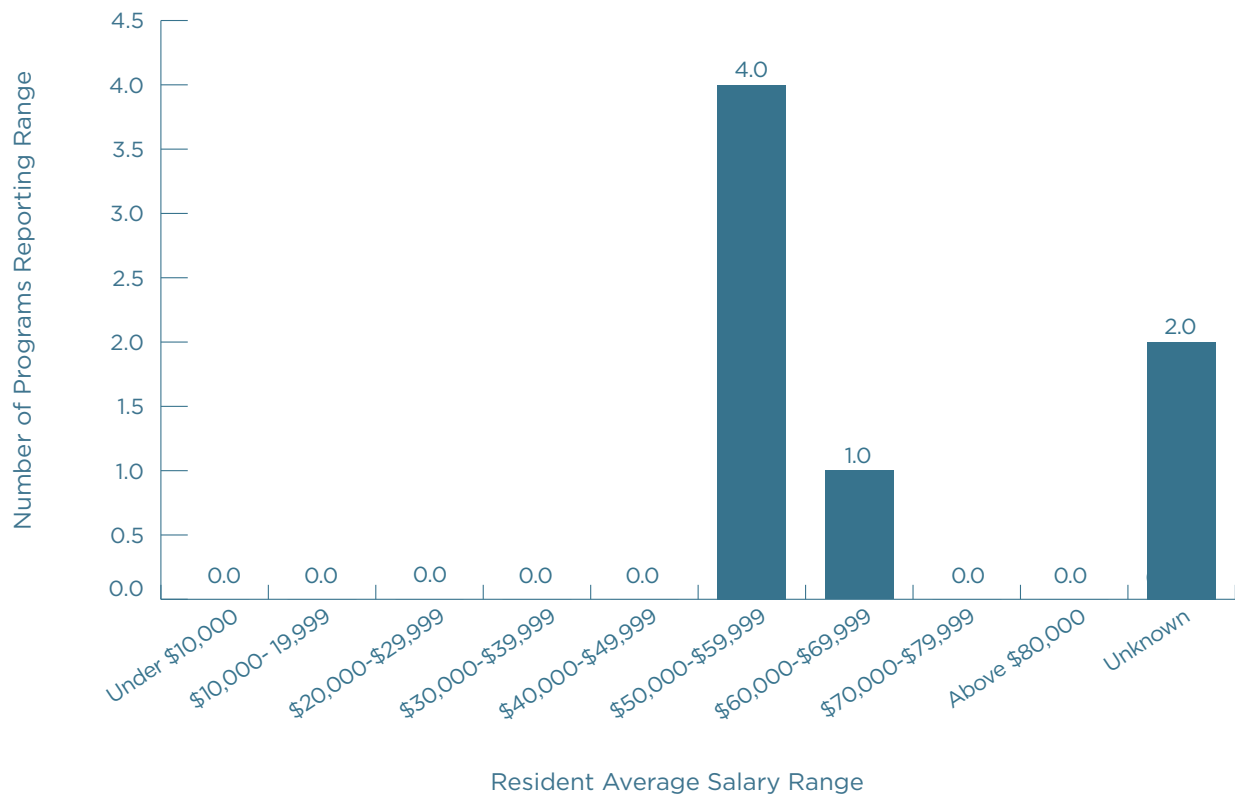
EMPLOYMENT

Residency Program Directors were asked to provide the percentage of residents that completed the residency program during the reporting period that ultimately gained employment within the field of athletic training. Of the seven accredited program, six reported that 100% of residents completing the program had gained employment in the field of athletic training. One program reported a 50% employment rate in the field of athletic training.

SALARY

Residency Program Directors were asked to provide the average salary range made by residents upon employment following completion of the residency program. Four programs reported an average salary range of \$50,000-\$59,999 for residents following completion of the residency program.

POST-PROFESSIONAL RESIDENCY RESIDENT AVERAGE SALARY RANGE FOLLOWING PROGRAM COMPLETION



N = 7

