



# 2020-2021 CAATE ANALYTIC REPORT

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This report describes Commission on Accreditation of Athletic Training Education (CAATE) accredited Athletic Training programs (professional, post-professional, and residency). Unless otherwise noted, the data included in this fact sheet were derived from the 2020-2021 Annual Report completed in October of 2021, data from eAccreditation software profiles at the time of Annual Report submission, and from information provided by the Board of Certification, Inc. (BOC) regarding pass-rate on the BOC certification examination for Athletic Trainers in December of 2021.



**CAATE**

Commission on Accreditation  
of Athletic Training Education



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## 2020-2021 CAATE Analytic Report Overview

This eighth annual analytics report contains detailed demographic information about the 290 accredited programs at the professional and post-professional degree and residency levels. The eAccreditation software that houses our annual reports supplies the CAATE with detailed information provided by the programs that, in addition to informing the public, allows us to annually view the growth and changes to the landscape of athletic training education. The quality of data contained in this document is reliant on the self-reported data provided by program directors in the Annual Report.

The 2020-2021 CAATE Analytic Report is only available online. To download, view and print the report as a PDF file, go to the CAATE's website at [CAATE website](#).

For questions, please contact [support@caate.net](mailto:support@caate.net).

# PROFESSIONAL DEGREE PROGRAM INFORMATION

Graduation from a CAATE accredited Athletic Training Professional program leads to eligibility to sit for the Board of Certification, Inc. (BOC) certification examination for Athletic Trainers (ATs). Successfully passing the BOC certification examination is a necessary step in entering the profession of athletic training. CAATE accredited Athletic Training Professional 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 baccalaureate level professional programs as of fall 2022.

## Professional Program Overview

The Typical Professional Athletic Training Program at a Glance:	
<b>Institution Type</b>	Public
<b>Degree Awarded</b>	Master of Science in Athletic Training
<b>Admissions Process</b>	Secondary Admissions
<b>New Students Admitted</b>	7.5 Students*
<b>Program Enrollment</b>	16 Students*
<b>Student Enrollment by Gender Ratio</b>	2:1 Female to All Other Genders
<b>Student Enrollment by Race Ratio</b>	3:1 White to All Other Races
<b>Preceptor to Student Ratio (Clinical)</b>	1:2
<b>Program Director</b>	Tenure Track Faculty, 10-month Appointment, Academic Doctorate Degree
<b>Director of Clinical Education</b>	Non-Tenure Track Faculty, 10-month Appointment, Academic Doctorate Degree

\*Denotes decrease from last year's 'At a Glance' data

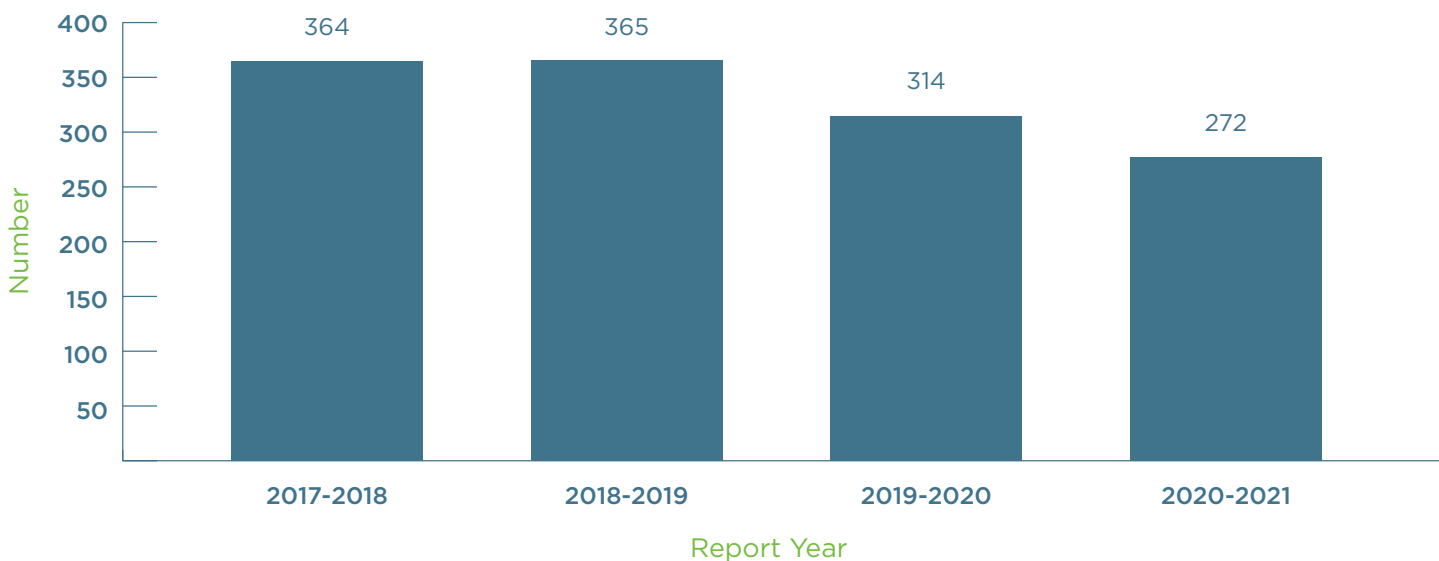
# PROFESSIONAL DEGREE PROGRAM INFORMATION

## Accreditation Status

During the 2020-2021 academic year, there were a total of 272 CAATE accredited professional programs (a 12.3% decrease in accredited programs from the previous year), with eight of those receiving initial accreditation during the year. Two programs did not provide complete data reports and have been excluded from calculations.

During the 2020-2021 year, there were an additional 11 programs actively seeking initial accreditation (i.e., submitted the self-study on July 1, 2022) for a total of 285 professional athletic training programs that were either accredited or actively seeking accreditation. An additional 13 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). Lastly, during the 2020-2021 academic year, the CAATE received 4 voluntary withdrawals of accreditation, which indicates that a program will be no longer accepting students but will continue to teach out the students they have already accepted. Programs that voluntarily withdraw accreditation will continue to complete annual reports each year until after graduating their final cohort and, as such, will continue to appear as accredited programs in the analytics report until the time at which no more students are enrolled.

## Total Accredited Professional Programs: Four-Year Comparisons (2018-2021)



# PROFESSIONAL DEGREE PROGRAM INFORMATION

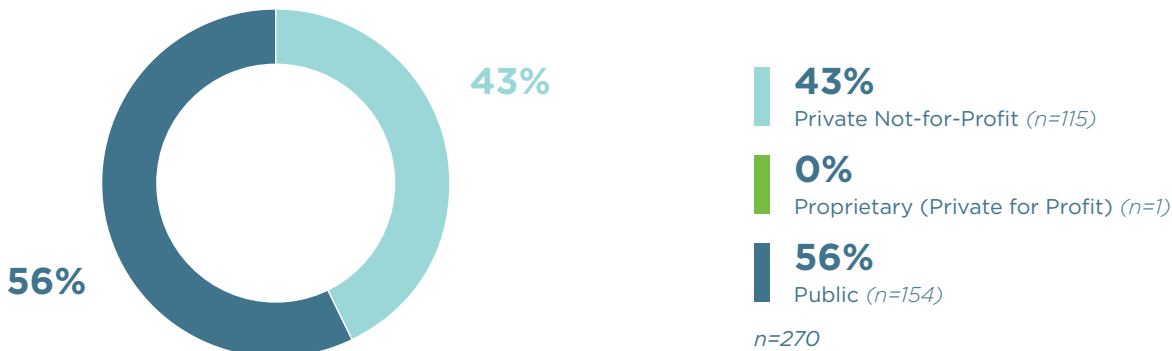
## 2020-2021 Comprehensive Reviews

For the 2020-2021 academic year, 36 professional programs completed the Comprehensive Review process. Twenty-eight of these programs sought continuing accreditation.

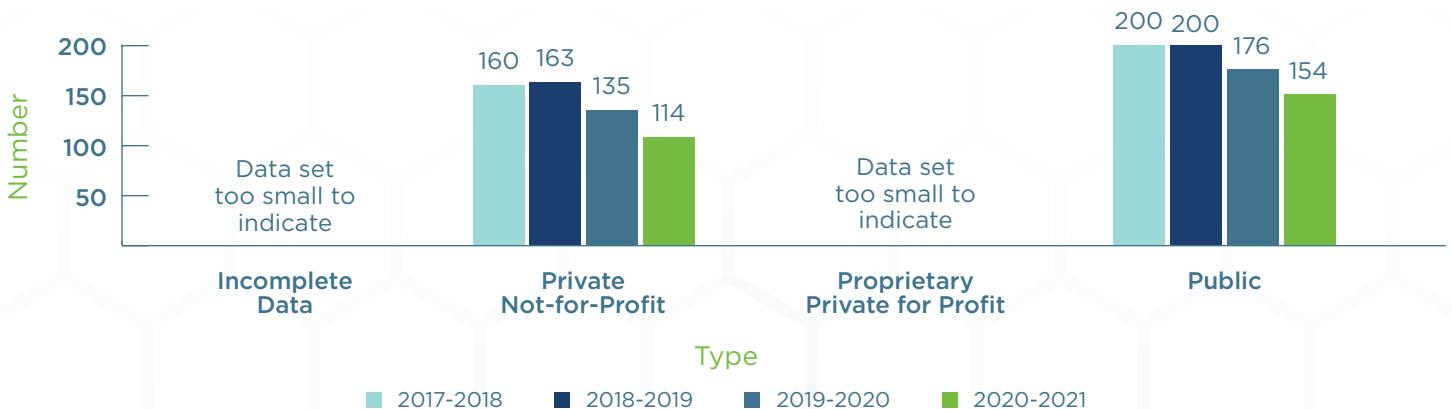
## Institution Type, Carnegie Classification and Location

Of the accredited professional programs (N=207), one was offered at a proprietary (private for profit) institution. One program is offered outside of the United States and therefore was excluded from the charts demonstrating institution type and Carnegie Classification. Most professional programs were offered at public institutions (57.2%). Most professional programs resulted in a master's degree (79.2%). Last year (2018-2019), 52.6% of accredited programs were offered at public institutions and 34.2% of those programs resulted in a baccalaureate degree.

### Professional Program Institution Type

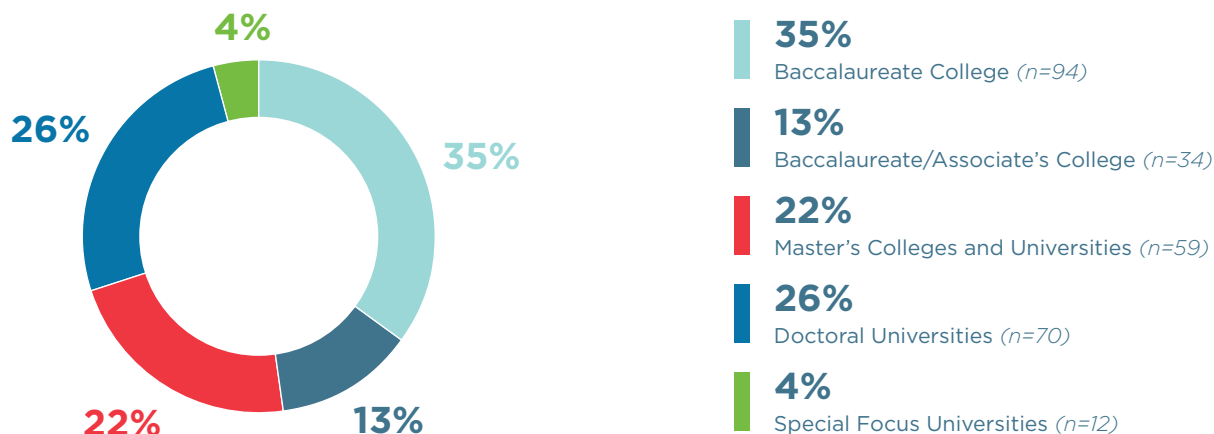


### Professional Program Institutional Type: Four-Year Comparison (2018-2021)



# PROFESSIONAL DEGREE PROGRAM INFORMATION

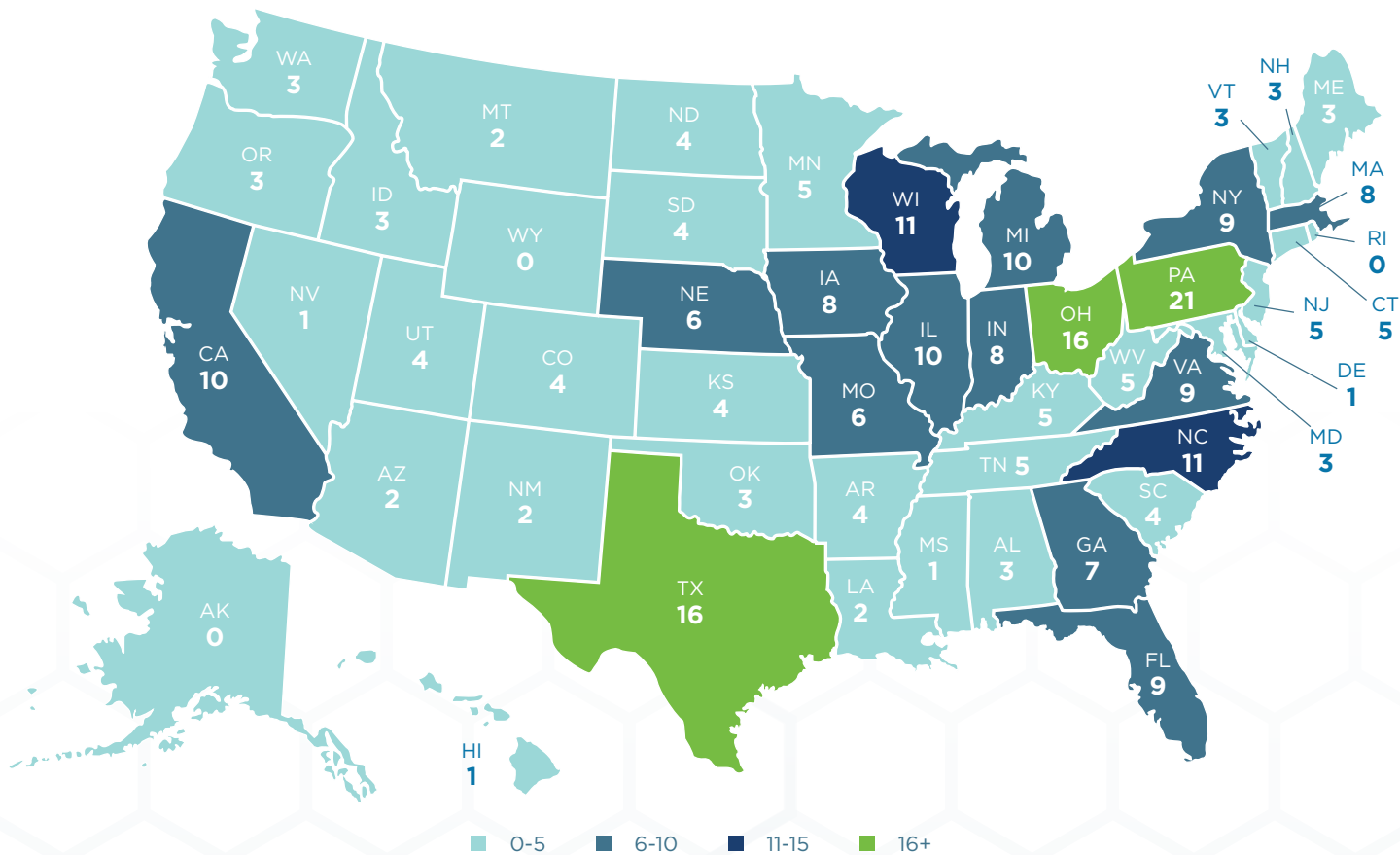
## Professional Program Carnegie Classification



*n=269 (one program was excluded from the calculation as it is offered outside the United States)*

## Professional Athletic Training Programs by State or Country

### Professional Programs by State



## Professional Programs in Spain

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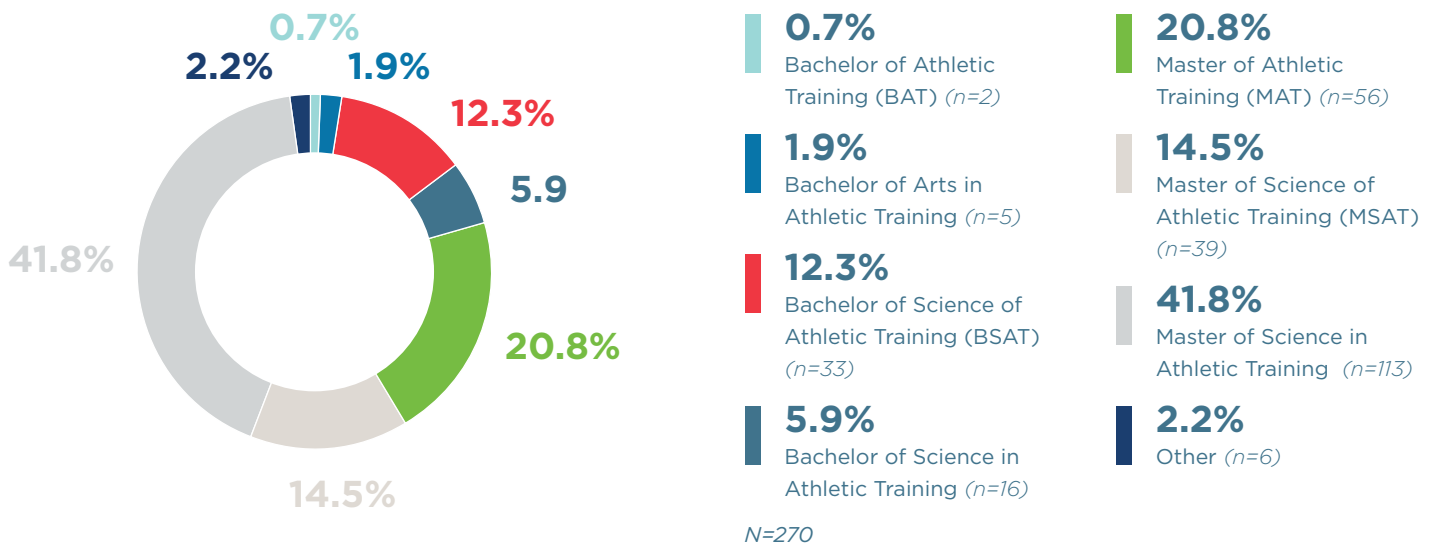
# PROFESSIONAL DEGREE PROGRAM INFORMATION

## Degree Level and Degree Type

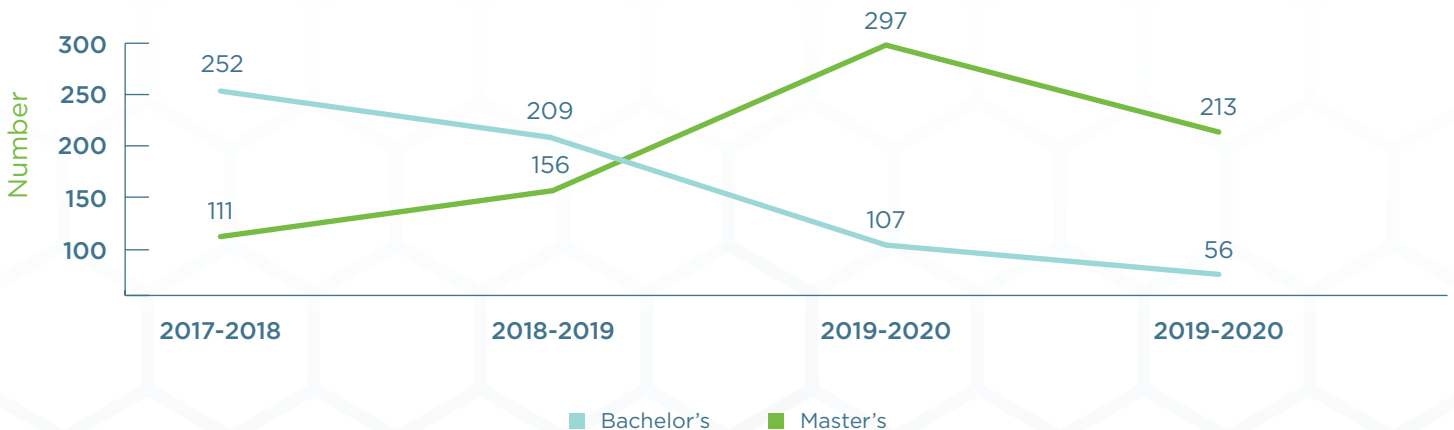
Of the 270 accredited professional programs, 56 (20.8%) programs result in a bachelor's degree (down from 209 in 2017-2018 and 107 in 2019-2020), and 214 (79.2%) programs result in a master's degree (up from 76 in 2017-2018 and 207 in 2019-2020). This pattern of change is an expected result of the professional degree transition announced in 2015.

Programs were asked to identify which athletic training degree(s) are offered. 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. Most programs that still offer a bachelor's degree award a Bachelor of Science of Athletic Training (n=33), while master's programs lean toward a Master of Science with a major in Athletic Training (n=112), followed by a Master of Athletic Training (MAT, n=56), and a Master of Science of Athletic Training (MSAT, n=39).

## Professional Program Degree(s) Offered



## Professional Degree Level: Three-Year Comparison (2018-2020)

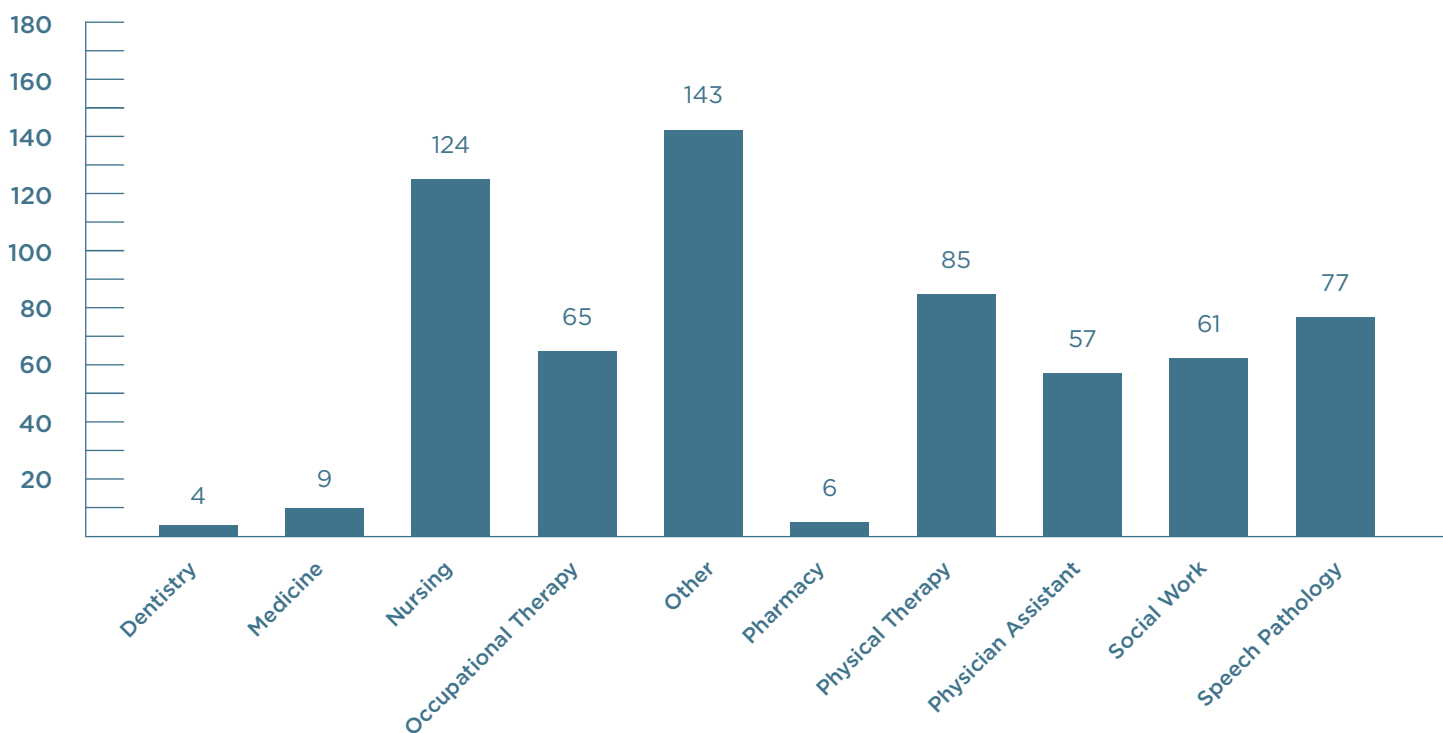


# PROFESSIONAL DEGREE PROGRAM INFORMATION

## Program Administrative Structure

Of the 270 accredited professional programs that completed the annual report, 214 (79.3%) indicated existing in an administrative structure with other health care programs. Of the 56 undergraduate programs, 42 (75%) are administratively housed with other health care programs, and of the 213 graduate programs, 159 (74.6%) are administratively housed with other health care programs.

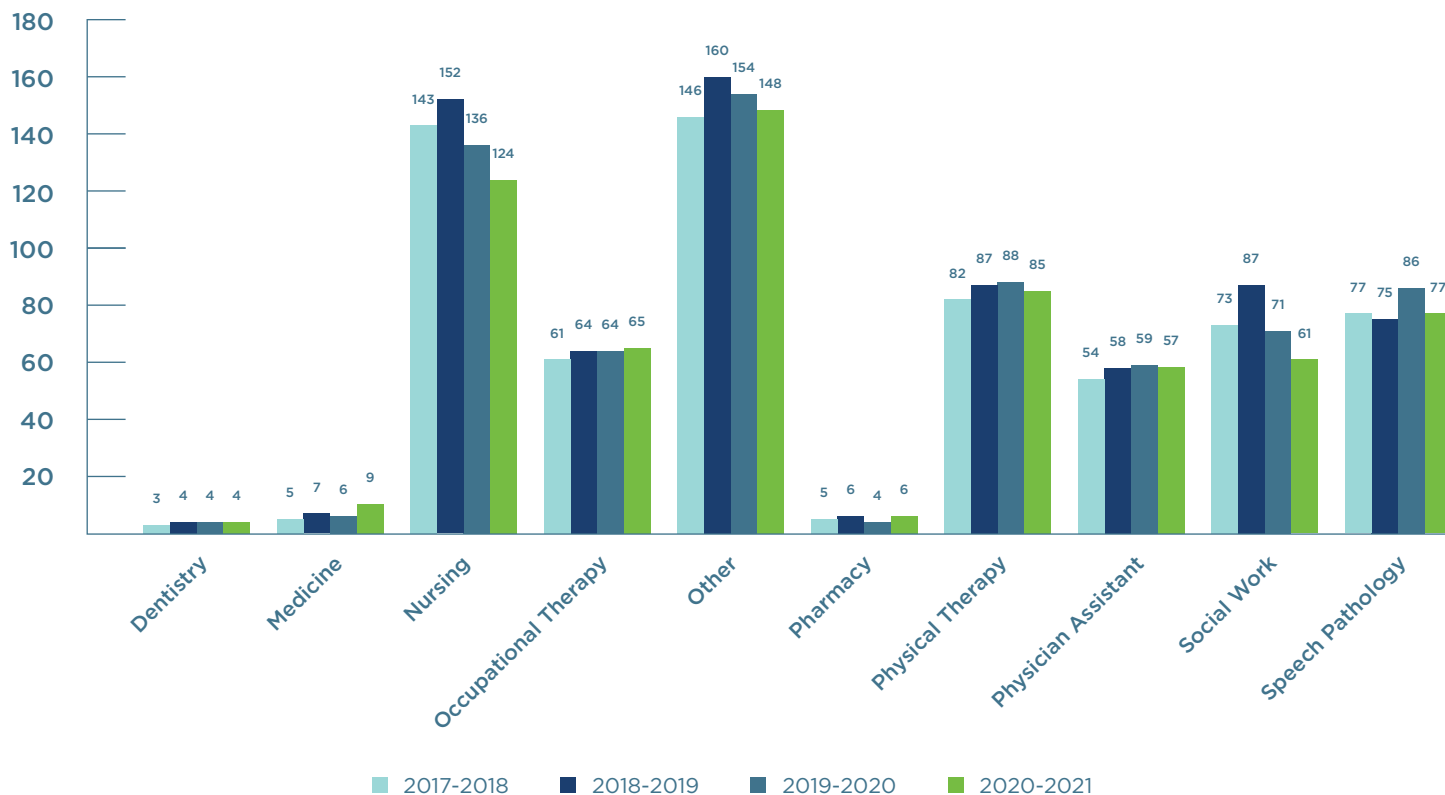
## Health Care Programs Administratively Housed with Athletic Training



*N=270, programs selected all answers that applied.*

# PROFESSIONAL DEGREE PROGRAM INFORMATION

## Health Care Programs Administratively Housed with Athletic Training: Four-Year Comparison (2018-2021)



# PROFESSIONAL DEGREE PROGRAM INFORMATION

## Student Expenses

Program directors 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.

### Bachelor’s Degree Programs

	Overall		Public Institutions		Private Institutions	
	<i>In State</i>	<i>Out of State</i>	<i>In State</i>	<i>Out of State</i>	<i>In State</i>	<i>Out of State</i>
<b>Annual Tuition</b>	20,892 ± 14,454	26,728 ± 11,994	9,742 ± 5,325	21,234 ± 9,441	34,829 ± 8,987	33,595 ± 11,425
<b>Annual Fees</b>	1,562 ± 1,812	2,027 ± 3,336	1,930 ± 2,077	2,891 ± 4,156	1,562 ± 1,812	948 ± 1,298
<b>Program Specific Costs</b>	649 ± 1,657	664 ± 1,657	28 ± 2,175	858 ± 2,172	424 ± 518	422 ± 519
<b>Total Annual Cost</b>	23,070 ± 13,751	29,420 ± 10,928	12,479 ± 5,058	24,983 ± 8,392	36,308 ± 8,618	34,965 ± 11,342

*n=56, mean dollars ± SD*

### Master’s Degree Programs

	Overall		Public Institutions		Private Institutions	
	<i>In State</i>	<i>Out of State</i>	<i>In State</i>	<i>Out of State</i>	<i>In State</i>	<i>Out of State</i>
<b>Annual Tuition</b>	18,185 ± 11,062	25,297 ± 10,488	12,727 ± 6,403	24,288 ± 10,396	27,035 ± 11,092	27,476 ± 10,757
<b>Annual Fees</b>	1,626 ± 1,571	2,080 ± 3,441	1,985 ± 1,675	2,778 ± 4,350	1,088 ± 1,238	1,085 ± 1,241
<b>Program Specific Costs</b>	613 ± 1,236	617 ± 1,286	673 ± 1,578	681 ± 1,649	571 ± 666	571 ± 666
<b>Total Annual Cost</b>	20,397 ± 10,800	27,949 ± 10,488	15,365 ± 6,227	27,671 ± 10,252	28,768 ± 11,309	29,191 ± 10,965

*n=214, mean dollars ± SD*

# PROFESSIONAL DEGREE PROGRAM INFORMATION

## Program Operating Expenditures

Programs reported the program expenditures associated with administrative support, expendable supplies, professional development, capital equipment, and faculty salaries and benefits. There continues to be a large amount of variability in the reporting of the expenditures for all categories.

### Bachelor's Degree Programs

	Overall	Public Institutions	Private Institutions
Expenditures for Administrative Support	19,427 ± 43,774	18,327 ± 18,400	20,802 ± 63,127
Expenditures for Expendable Supplies	6,004 ± 10,896	7,332 ± 1,060	6,572 ± 12,067
Expenditures for Professional Development	2,404 ± 3,739	2,079 ± 1,928	2,811 ± 5,217
Expenditures for Capital Equipment	3,879 ± 9,612	5,553 ± 11,923	1,787 ± 5,044
Expenditures for Faculty Salaries and Benefits	215,286 ± 133,080	215,182 ± 115,079	213,104 ± 146,323

*n=56, mean dollars ± SD*

### Master's Degree Programs

	Overall	Public Institutions	Private Institutions
Expenditures for Administrative Support	27,471 ± 51,732	23,360 ± 62,688	30,699 ± 41,164
Expenditures for Expendable Supplies	10,476 ± 12,684	9,431 ± 21,978	11,806 ± 16,458
Expenditures for Professional Development	3,464 ± 4,609	3,529 ± 3,403	3,413 ± 5,384
Expenditures for Capital Equipment	6,909 ± 21,145	4,270 ± 18,906	8,976 ± 22,609
Expenditures for Faculty Salaries and Benefits	298,017 ± 171,081	218,182 ± 117,079	285,212 ± 163,833

*n=214, mean dollars ± SD*

# PROFESSIONAL DEGREE PROGRAM INFORMATION

## 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 (78.3%) use a secondary admissions process.

	All Professional Programs	Baccalaureate Programs	Master's Degree Programs
	<i>Number (%)</i>	<i>Number (%)</i>	<i>Number (%)</i>
<b>Direct Admissions</b>	75 (27.4)	5 (8.9)	70 (32.3)
<b>Secondary Admissions</b>	198 (72.5)	51 (91.1)	147 (67.7)

N=270

## Admissions Capacity and Enrollment

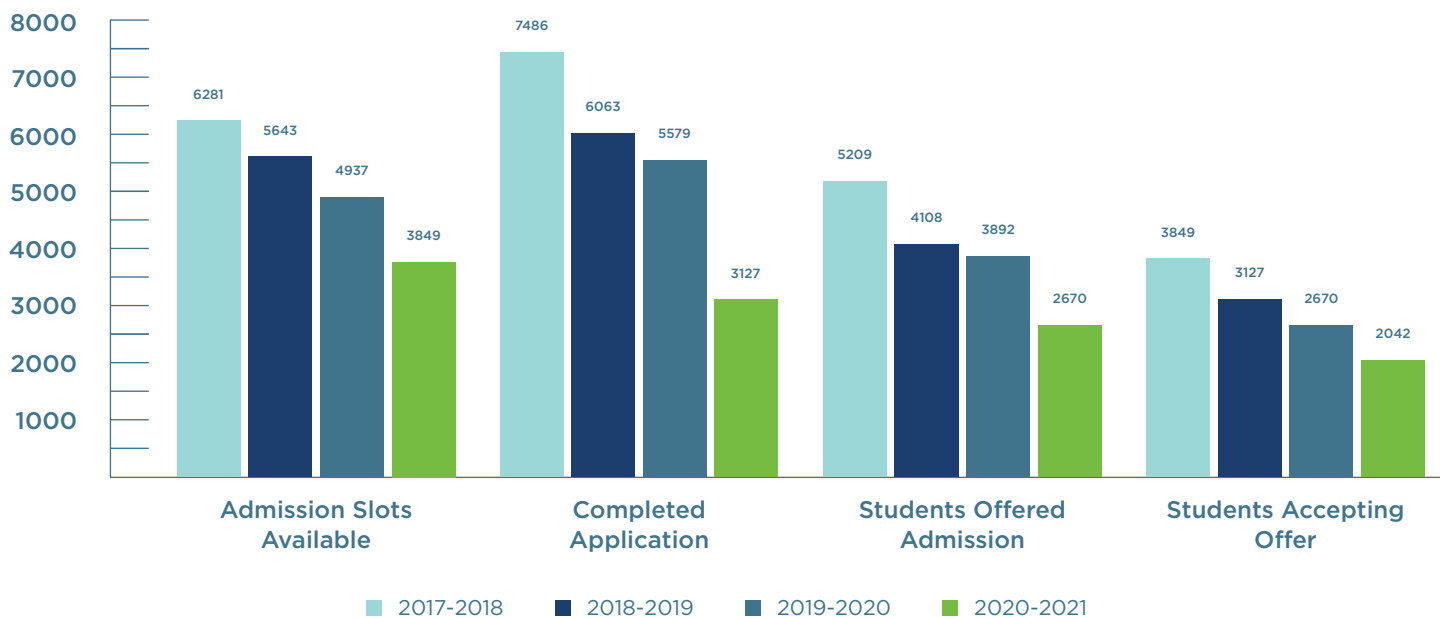
Professional programs saw an 8% decrease in submitted applications, after a 19% decrease in the previous year. There was a 14.6% decrease in the total number admitted students during the 2019-2020 academic year. Undergraduate programs reported a 42.1% decrease in applications completed, while graduate professional programs reported a 32.2% increase in applications completed. Undergraduate student admissions decreased by 46.6%, and the number of graduate students admitted increased by 23.9%, but the relative percent change in students admitted is likely in part due to a decreased number of undergraduate programs and an increased number of graduate programs compared with the previous year. The average number of students admitted per program by graduate programs decreased from 9.2 to 8.6 (-6.5%). During the 2019-2020 reporting period, baccalaureate programs admitted students to fill 63.1% (up from 56.3% last year) of their available student spots, while master's degree programs admitted 50.3% of their reported capacity (down from 54.4% last year).

	All Professional Programs		Baccalaureate Programs		Master's Degree Programs	
	<i>Mean</i>	<i>Total</i>	<i>Mean</i>	<i>Total</i>	<i>Mean</i>	<i>Total</i>
<b>Admission Slots Available</b>	13.9	3817	12.5	687	14.3	3130
<b>Completed Applications</b>	16.8	4591	21.3	1173	15.6	3418
<b>Students Offered Admission</b>	14.6	4005	28	1538	13.4	2467
<b>Students Accepting Offer</b>	7.5	2042	7.25	399	8.6	1643

N=270

# PROFESSIONAL DEGREE PROGRAM INFORMATION

## Admissions Capacity & Enrollment: Four-Year Comparison (2018-2021)



## Student Demographics

### Enrollment by Gender

For the 2020-2021 Annual Report, programs were asked to report on the number of students enrolled in undergraduate classes and graduate classes by gender. This method allowed programs that are teaching out an undergraduate program while commencing a graduate program to report students for each level.

	Undergraduate Students	Graduate Students
<b>Total Student Enrollment</b>	1,554	2,860
<b>Female Student Enrollment</b>	1,027	1,849
<b>Male Student Enrollment</b>	526	1,011

N=270

# PROFESSIONAL DEGREE PROGRAM INFORMATION

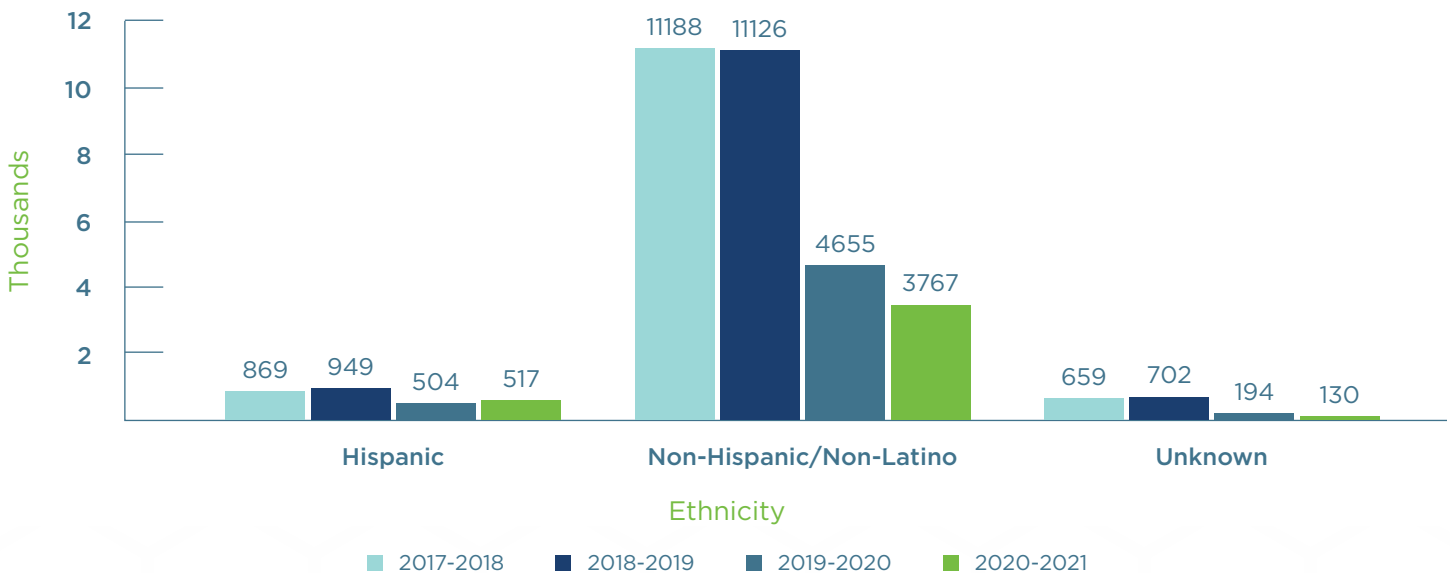
## Enrollment by Ethnicity

For the 2020-2021 Annual Report, programs were asked to report on the number of students enrolled in undergraduate classes and graduate classes by ethnicity. This method allowed programs that are teaching out an undergraduate program while commencing a graduate program to report students for each level.

	Undergraduate Students	Graduate Students
Hispanic	183	334
Non-Hispanic/Non-Latino	1,311	2,456
Unknown	60	70

N=270

## Total Enrollment by Ethnicity: Four-Year Comparison (2018-2021)





# PROFESSIONAL DEGREE PROGRAM INFORMATION

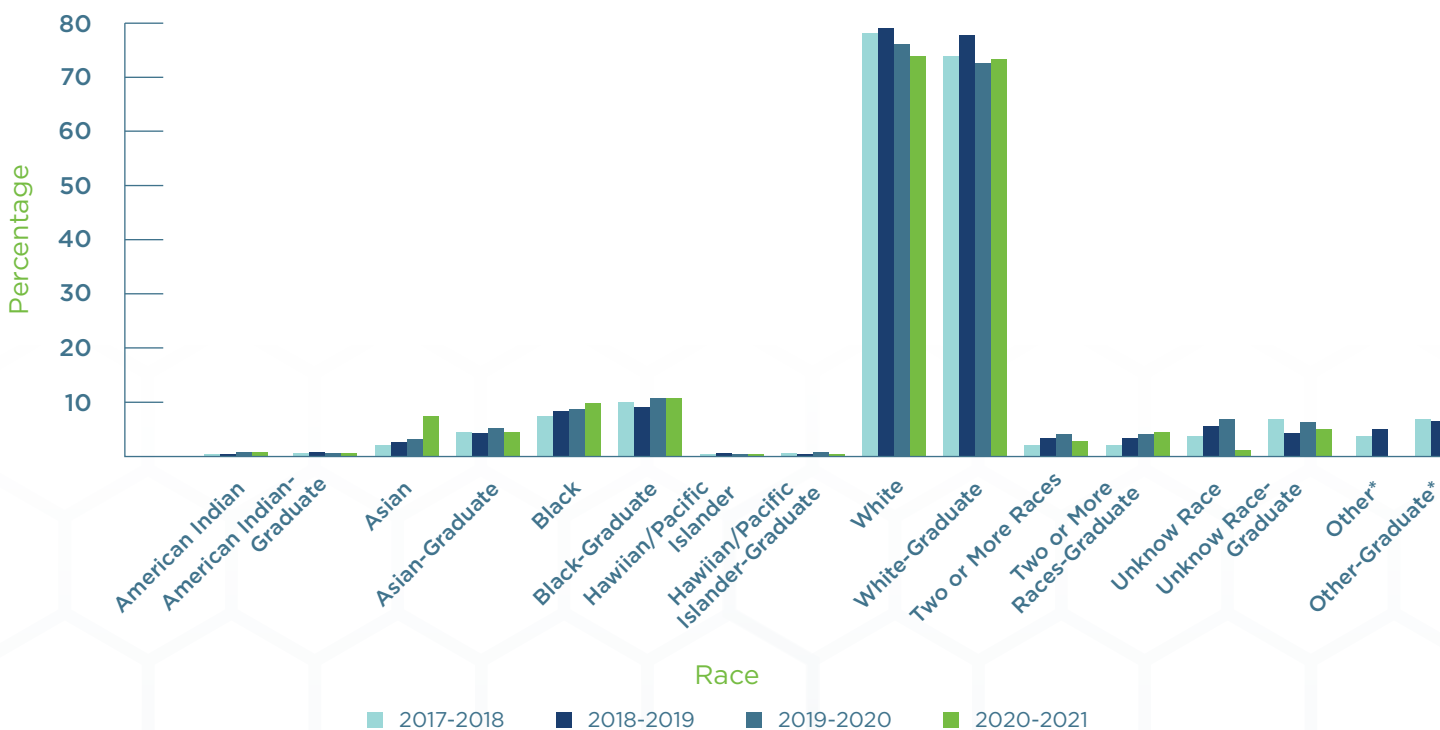
## Enrollment by Race

For the 2020-2021 Annual Report, programs were asked to report on the number of students enrolled in undergraduate classes and graduate classes by race. This method allowed programs that are teaching out an undergraduate program while commencing a graduate program to report students for each level.

	Undergraduate Students	Graduate Students
American Indian	2	16
Asian	142	146
Black	159	316
Hawaiian/Pacific Islander	4	14
White	1,161	2,083
Two or More Races	56	127
Unknown Race	30	158

N=270

## Enrollment by Race: Four-Year Trend (2018-2021)



\*The category "Other" was not utilized in the 2019-2020 Annual Report onward.

# PROFESSIONAL DEGREE 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 who are active in clinical education. The most common ratio (n=146) was 1:2, followed by a ratio of 1:1 (n= 64). A total of 94.1% of all programs reported a clinical education ratio of 1:4 or smaller. Thirteen (down from 17 last year, 26 two years ago, 35 three years ago and 80 four years ago) programs reported ratios between 1:5 and 1:8, and only three programs reported preceptor to student ratios between 1:9 and 1:12. This demonstrated a continuing trend toward lower preceptor-to-student ratios as compared to the four 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
<b>Preceptor-to-Student Ratio</b>	1:2	1:12	1:2	1:10	1:2	1:12

N=270

## Immersive Clinical Experiences

For the 2020-2021 Annual Report program, administrators were asked to provide details about immersive clinical experiences. In the 2020 Standard, programs at the master's degree level are 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." These standards became effective July 1, 2020, and, therefore, the data represented below reflect the last academic year that graduate professional programs did not have to include an immersive experience.

A total of 78.6% (n=214) of all professional program currently report that they incorporate an immersive clinical experience. This number has increased by 29.2% since last year. For baccalaureate programs, 39% (n=22) report including an immersive clinical experience, and for master's programs, 88.8% (n=192) report including an immersive clinical experience.

Any programs that reported an immersive clinical experience of three or fewer weeks were eliminated from the analysis presented below, as their described experience did not meet the minimum criteria outlined by the standards. Programs were asked to report both the number of weeks spent in immersive clinical experiences as well as the number of hours per week spent at their clinical site during their immersive experience. Interestingly, baccalaureate programs report more weeks in immersive clinical experiences than master's programs but also report fewer hours worked per week of immersive clinical experiences as compared to master's programs.

	All Professional Programs		Baccalaureate Programs		Master's Degree Programs	
	Mean ± SD	Mode	Mean ± SD	Mode	Mean ± SD	Mode
<b>Number of Weeks Spent in Immersive Clinical Experiences</b>	14.4 ± 16.1 weeks	4 weeks	26.1 ± 33.8 weeks	4 weeks	12.4 ± 9.2 weeks	4 weeks
<b>Number of Hours per Week When in Immersive Clinical</b>	34.5 ± 14.0 hours	40.0 hours	29.3 ± 12.1 hours	40.0 hours	35.4 ± 8.1 hours	40.0 hours

n=214 (only immersive clinicals with four or more weeks included in the analysis)

# PROFESSIONAL DEGREE PROGRAM INFORMATION

## 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. Program directors of professional programs have a range of years of experience from 1-46 years and a mode of 23 years, and a range of years of clinical experience from 0-40 years.

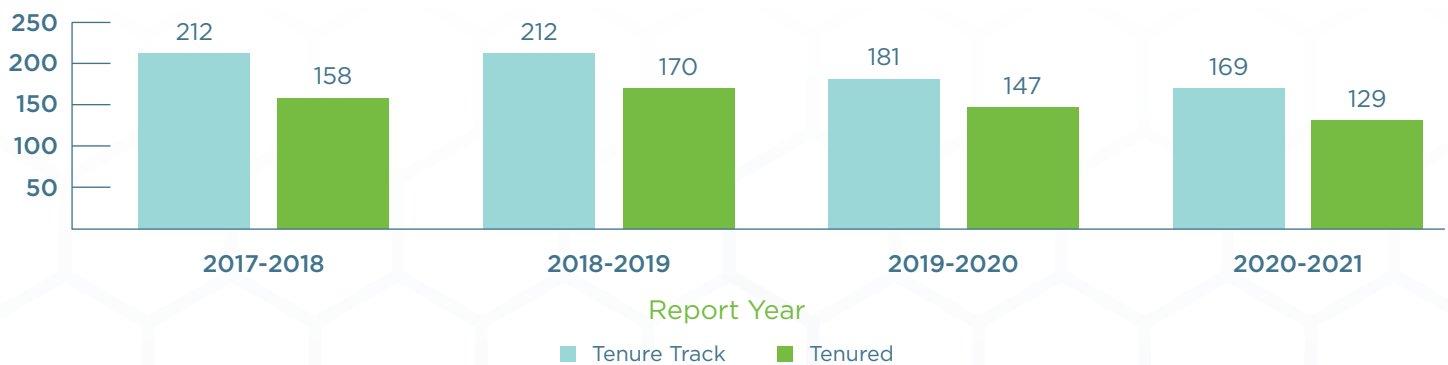
Approximately 42.7% of program directors are on a nine-month contract (down from 47.9% last year), 25.8% on a 10-month contract (up from 23.3% last year), and 26.4% have a 12-month contract (up from 23.4% last year).

## Program Director

	All Professional Programs	Baccalaureate Programs	Master's Degree Programs
	Number (%)	Number (%)	Number (%)
PD is Tenure Track Faculty	162 (59.5)	25 (44.6)	137 (63.4)
PD is Tenured	129 (47.48)	20 (35.7)	109 (50.5)
	Mean ± SD	Mean ± SD	Mean ± SD
PD Years of Experience	21.5 ± 8.0	23.5 ± 8.8	21.0 ± 8.0
PD Years of Clinical Experience	6.9 ± 6.2	8.3 ± 7.8	7.1 ± 5.0
PD Appointment (months)	10.0 ± 1.5	10.1 ± 1.1	10.5 ± 1.5
PD Contact Hours	270.6 ± 152.0	276 ± 177.3	256.5 ± 178.3
PD Credit Hours	18.1 ± 8.8	20.1 ± 9.5	16.2 ± 6.8
PD Release Time (% of Overall Load)	25.4 ± 18.0	19.5 ± 12.3	26.9 ± 20.5

N=270, percentages are percent of the total number of the program type

## Program Director Tenure Status: Four-Year Trend (2018-2021)



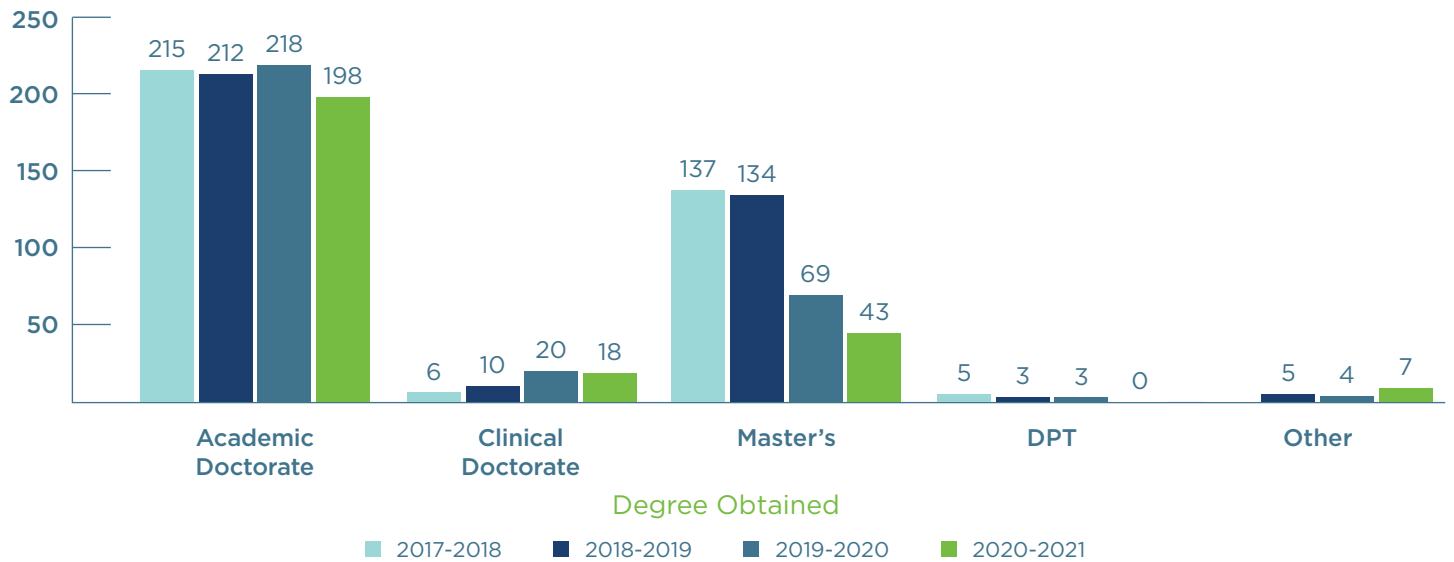
# PROFESSIONAL DEGREE PROGRAM INFORMATION

## Program Director Degree

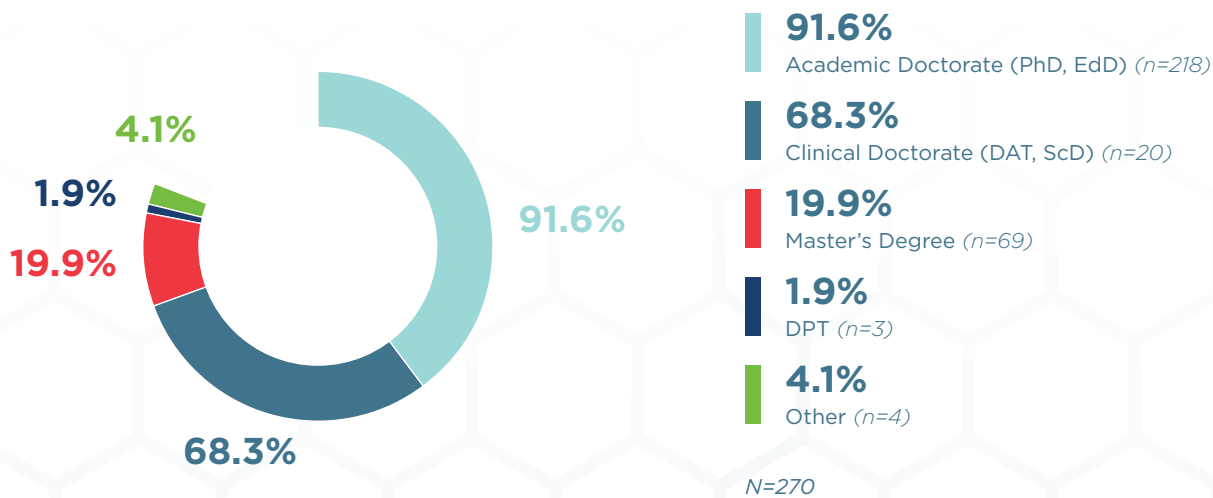
When completing the Annual Report, programs are instructed to select the highest degree earned by the program's administrators from an available dropdown menu. The majority (72.4%, n=197) of program directors hold an academic doctorate degree. Eighteen program directors have an earned clinical doctorate (down from 20 last year), and zero respondents selected the option for bachelor's degree.

When split by degree type, in undergraduate programs 57.1% of program directors hold an academic doctorate (up from 56.1% last year), and 38.3% report a master's degree as the highest degree earned. In master's degree programs, 76.9% of program directors have an academic doctorate degree (up from 76.3% last year), and 11.1% hold a master's degree (down from 13.5% last year).

## Program Director-Highest Degree: Four-Year Trend (2018-2021)



## Professional Program Director Highest Degree Earned



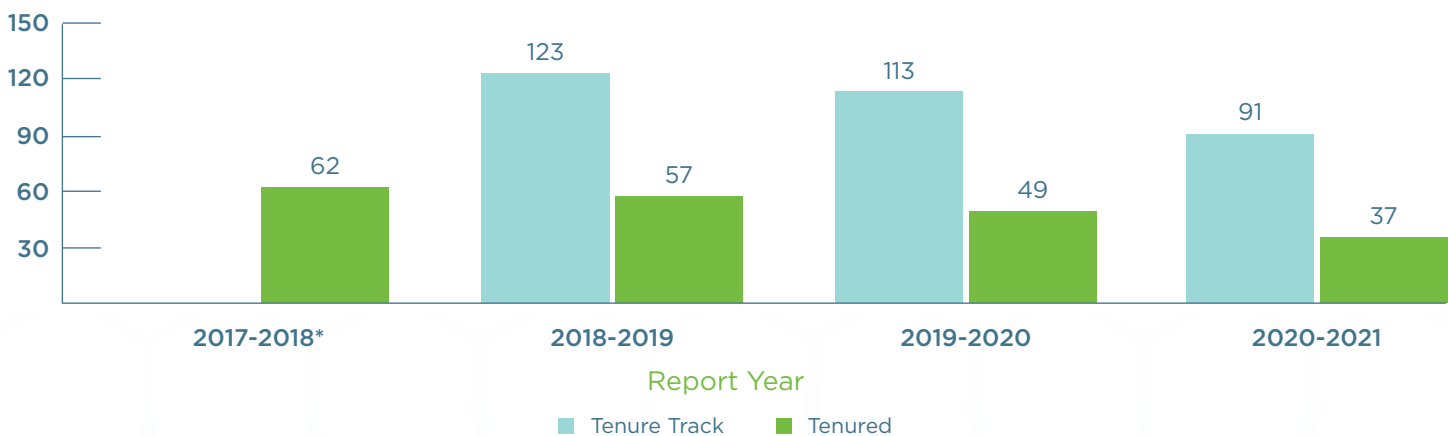
# PROFESSIONAL DEGREE PROGRAM INFORMATION

## Coordinator of Clinical Education

	All Professional Programs	Baccalaureate Programs	Master's Degree Programs
	Number (%)	Number (%)	Number (%)
<b>CCE is Tenure Track Faculty</b>	91 (33.5)	14 (25)	77(35.6)
<b>CCE is Tenured</b>	37 (13.6)	3 (5.4)	34 (15.7)
	<i>Mean ± SD</i>	<i>Mean ± SD</i>	<i>Mean ± SD</i>
<b>CCE Years of Experience</b>	17.0 ± 8.3	16.8 ± 8.0	14.9 ± 8.0
<b>CCE Years of Clinical Experience</b>	6.9 ± 6.4	6.0 ± 5.0	6.3 ± 7.9
<b>CCE Appointment (months)</b>	9.9 ± 1.3	9.6 ± 0.9	10.0 ± 1.4
<b>CCE Contact Hours</b>	284.1 ± 150.2	281.2 ± 150.6	260.2 ± 142.7
<b>CCE Credit Hours</b>	18.0 ± 7.5	18.7 ± 9.2	17.9 ± 6.6
<b>CCE Release Time (% of overall load)</b>	22.6 ± 15.6	23.0 ± 12.8	25.5 ± 15.1

N=270

## Coordinator of Clinical Education Tenure Status: Four-Year Trend (2018-2021)



\*Information about Tenure Track status for Coordinators of Clinical Education was not reported in the 2017-2018 Annual Report

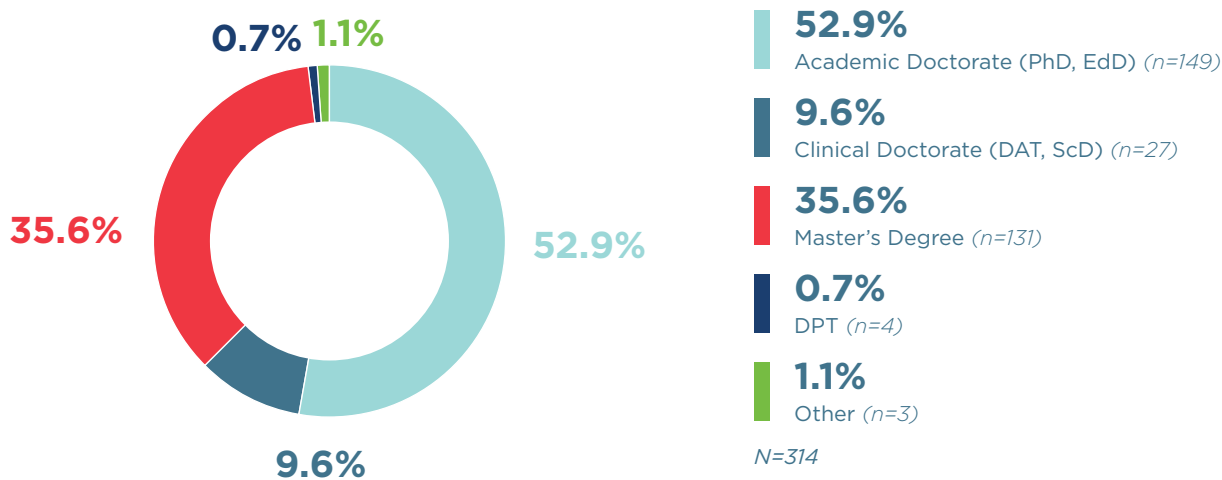
# PROFESSIONAL DEGREE PROGRAM INFORMATION

## Coordinator of Clinical Education Degree

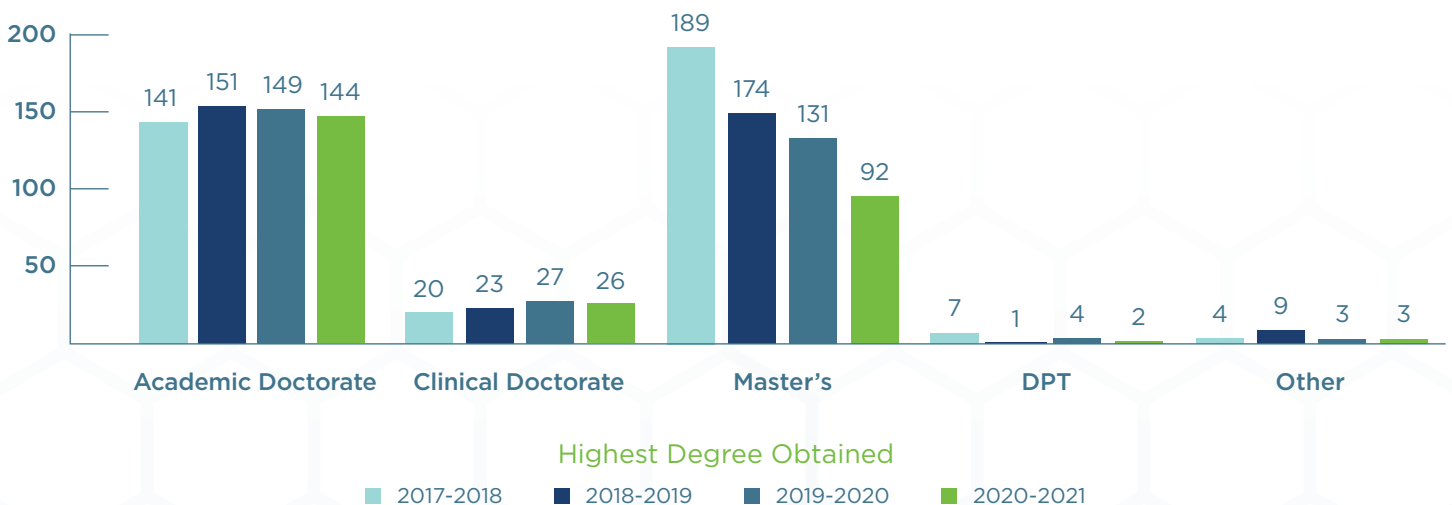
When completing the Annual Report, programs are instructed to select the highest degree earned by the program's administrators from an available dropdown menu. Less than half (36.8%, n=97) of directors of clinical education hold a master's degree, down from 41.7% last year. Academic doctorate was the most common degree selection at 52.9% (n=144), up from 47.5% last year.

When split by degree level of the program, 46.4% of CCEs at baccalaureate programs have a master's degree (down from 59.8% last year). 49% of CCEs at master's degree programs have an academic doctorate degree, as compared with just 28.6% of CCEs at baccalaureate programs.

## Coordinator of Clinical Education Tenure Status: Three-Year Trend (2018-2020)



## Coordinator of Clinical Education-Highest Degree: Four-Year Trend (2018-2021)



# PROFESSIONAL DEGREE PROGRAM INFORMATION

## Program Faculty

The number of core faculty in each program ranged from 0 (n=3) to 16 (n=1). The mode (n=127) was two core faculty, and 96.9% of programs indicated have five or fewer core faculty. Numbers of associated faculty ranged from zero to 25, and adjunct faculty ranged from zero to 19.

	All Professional Programs	Baccalaureate Programs	Master's Programs
	Mean ± SD	Mean ± SD	Mean ± SD
Core Faculty	5.3 ± 1.9	2.2 ± 1.9	3.8 ± 1.9
Associated Faculty	.5 ± 2.1	4.0 ± 4.6	2.8 ± 3.8
Adjunct Faculty	0.9 ± 1.4	4.0 ± 2.9	3.0 ± 2.9

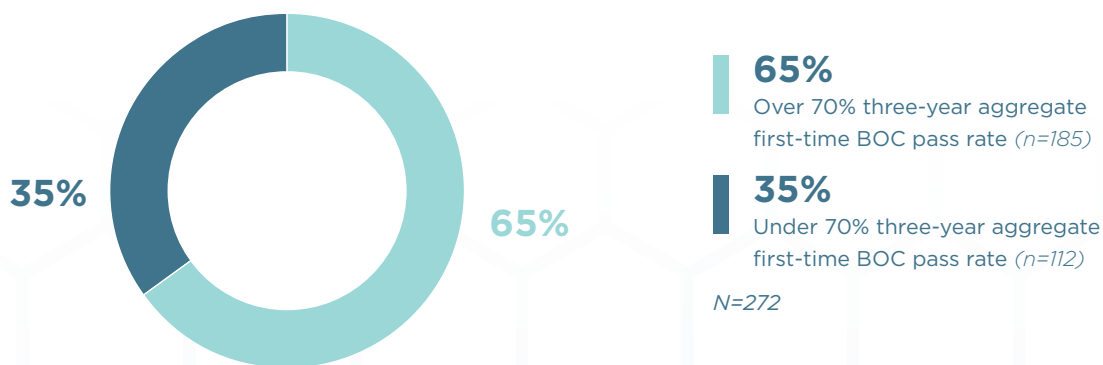
N=270

## Outcomes

### Aggregate Board of Certification Exam Pass Rates

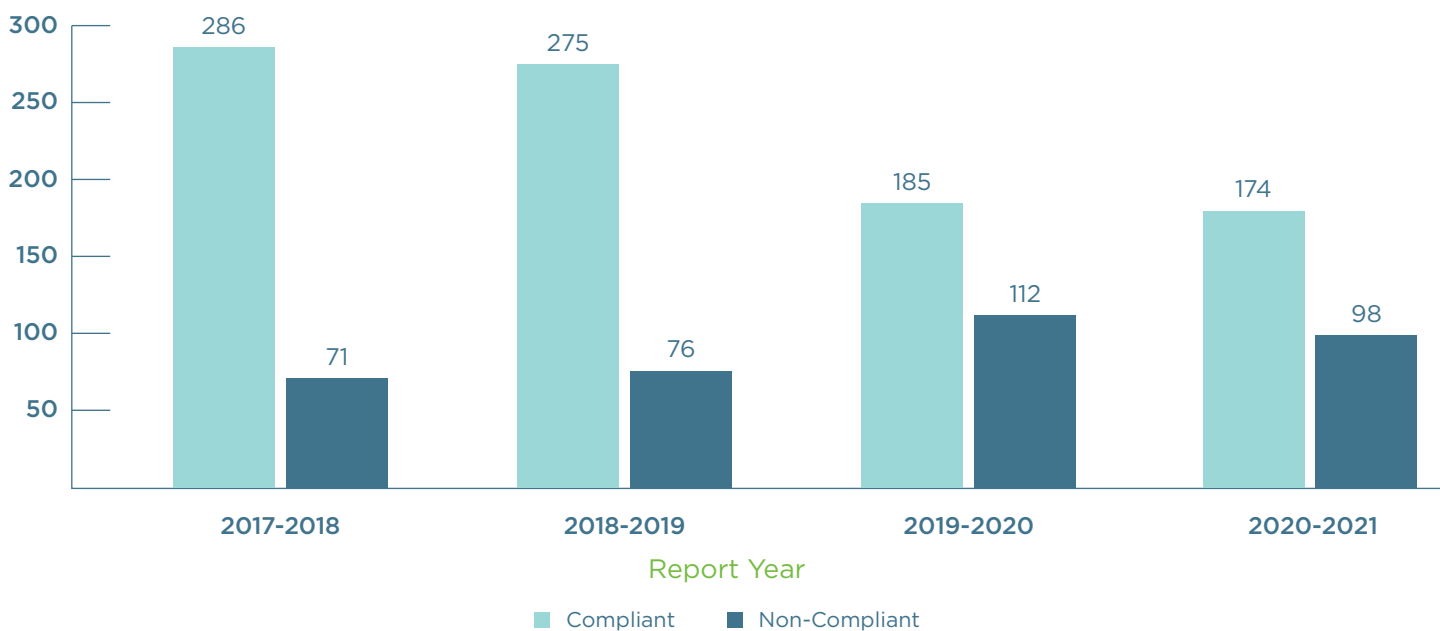
The three-year aggregate first-time BOC exam pass rate is required to be 70% or higher for all professional programs. The data included in the analysis contains all BOC pass rates through the October 2020 BOC exam window. New programs are not evaluated on this requirement until the time at which they have accumulated three years of BOC examination data. The number of programs below 70% was 112, which was a 47% increase from last year's 76 programs, a number that was likely influenced by the COVID-19 pandemic.

### Professional Program Three-Year Aggregate First Time BOC Pass Rate (2018-2021)

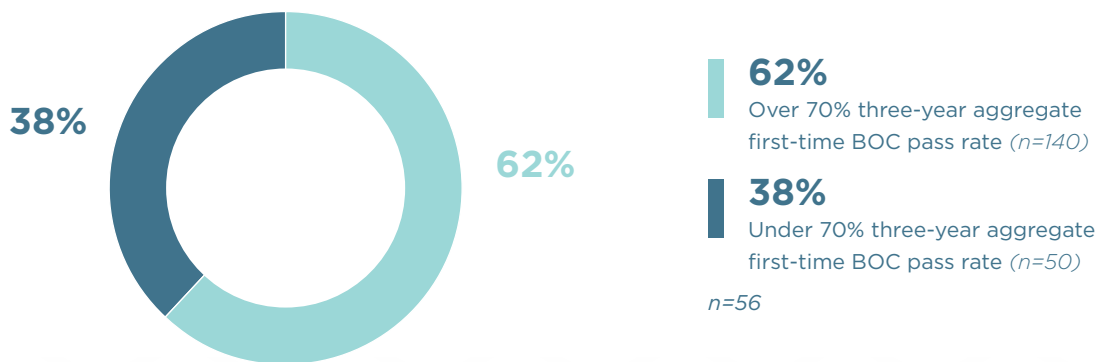


# PROFESSIONAL DEGREE PROGRAM INFORMATION

## Total Program First-Time Pass-Rate Standard Compliance: Four-Year Trend (2018-2021)



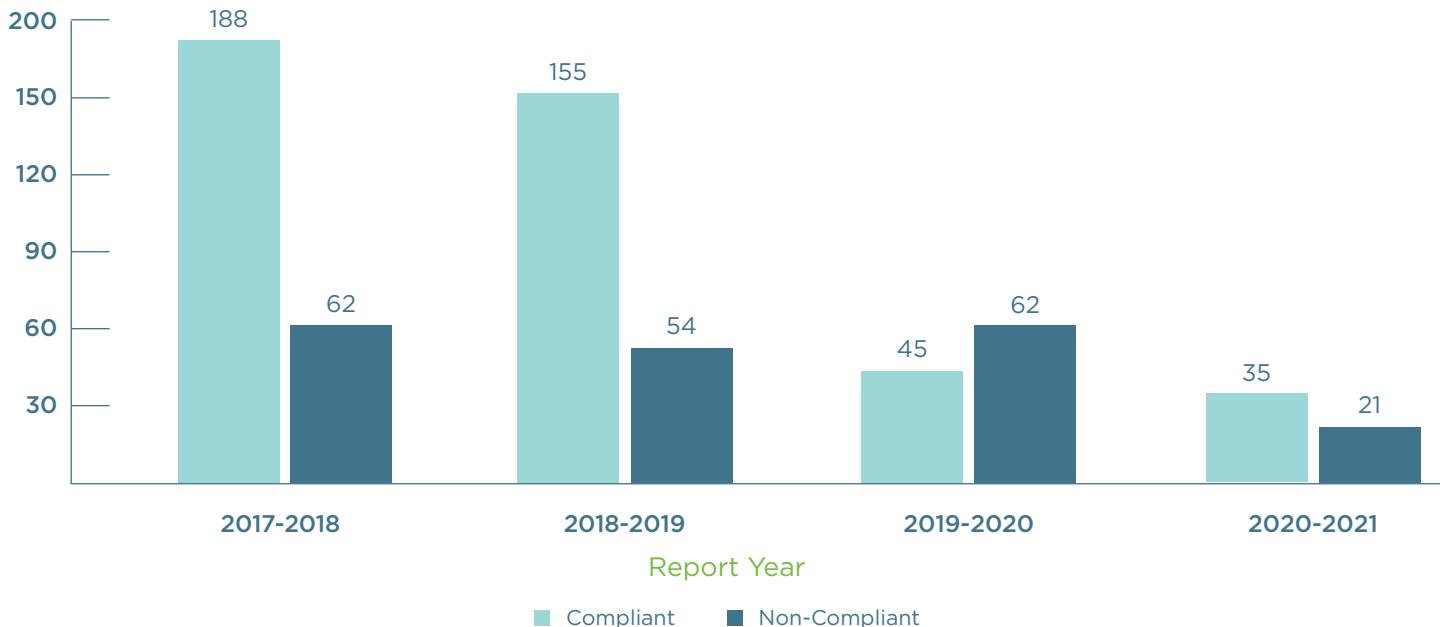
## Baccalaureate Degree Program Three-Year Aggregate First Time BOC Pass Rate (2018-2021)



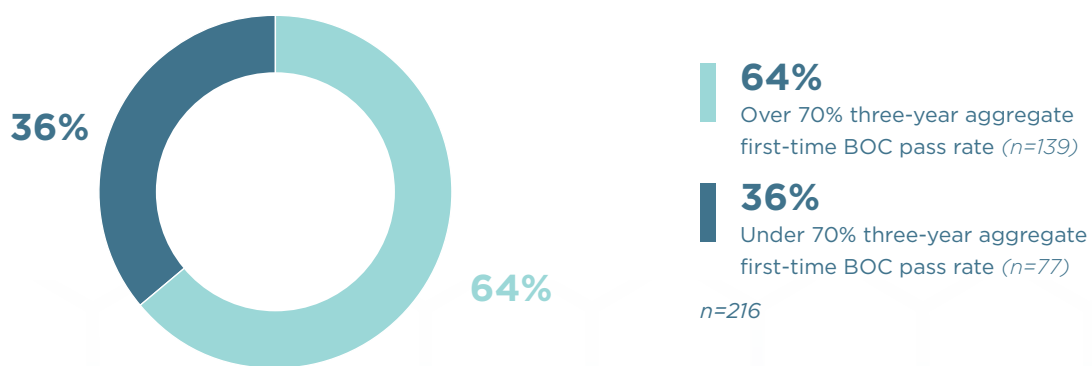


# PROFESSIONAL DEGREE PROGRAM INFORMATION

## Baccalaureate Program First-Time Pass-Rate Standard Compliance: Four-Year Trend (2018-2021)

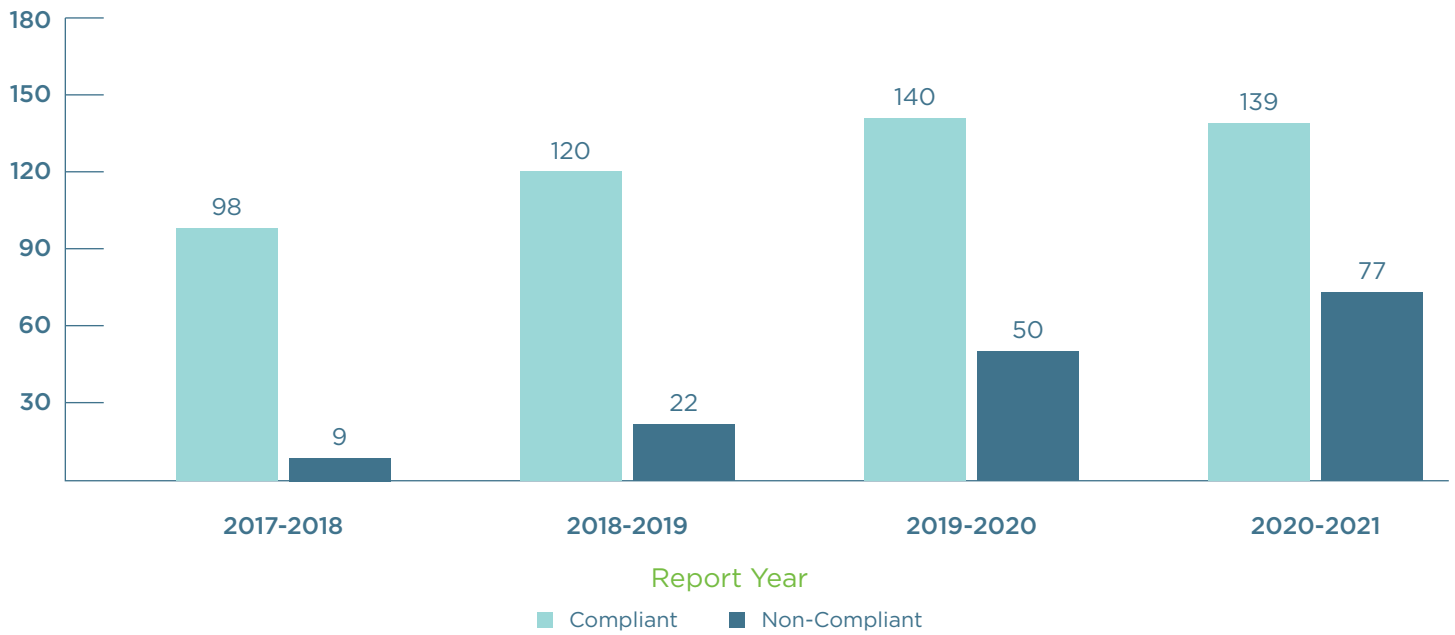


## Master's Degree Program Three-Year Aggregate First Time BOC Pass Rate (2018-2021)



# PROFESSIONAL DEGREE PROGRAM INFORMATION

## Master's Program First-Time Pass-Rate Standard Compliance: Four-Year Trend (2018-2021)

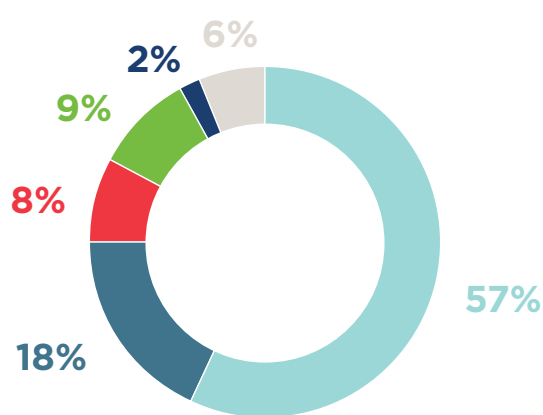


# PROFESSIONAL DEGREE PROGRAM INFORMATION

## Graduates' Placement

This section of information is provided from data entered by the program director within student profiles. From the 2020-2021 graduating cohort, 2,345 student profiles had been updated with placement information. 130 student profiles did not contain information about placement, which have been added to the "Do not know" category within the chart.

## 2019-2020 Graduate Placement



- 57%** Employed as an athletic trainer
  - 18%** Employed as an athletic trainer and in a degree or residency program
  - 8%** Employed other than as an athletic trainer
  - 9%** Not employed due to enrollment in another degree program
  - 2%** Not employed
  - 6%** Do not know
- n=2,345*

# POST-PROFESSIONAL DEGREE PROGRAMS

Athletic training Post-Professional degree programs lead to a degree at the master's or doctoral level for students who 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

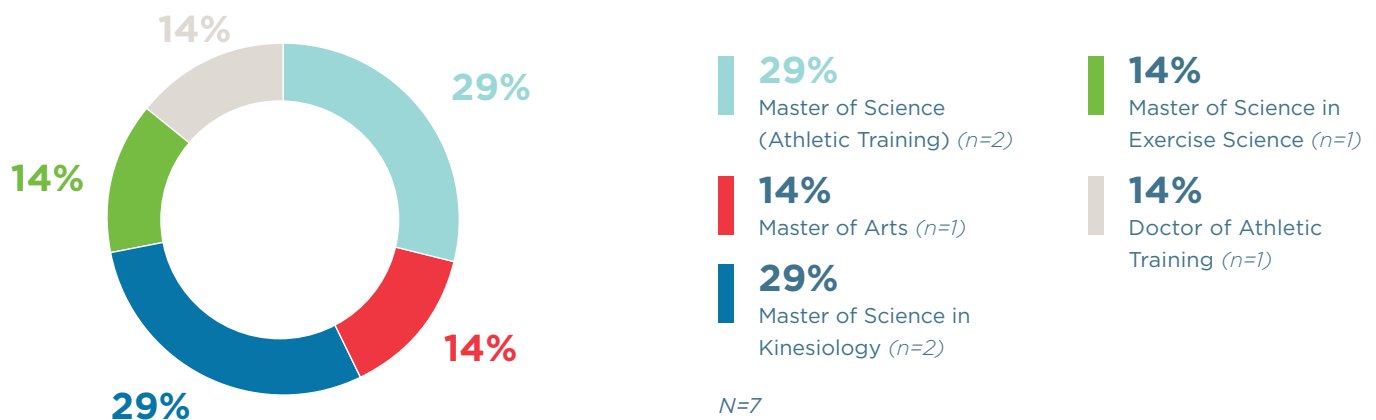
The Typical Post-Professional AT Program at a Glance:	
<b>Institution Type</b>	Public
<b>Degree Awarded</b>	Master of Science in Kinesiology
<b>Admissions Process</b>	Direct
<b>New Students Admitted</b>	12
<b>Program Enrollment</b>	28
<b>Student Enrollment by Gender Ratio</b>	2:1, Female to Male*
<b>Student Enrollment by Race Ratio</b>	10:1, White to All Other Races*
<b>Faculty to Student Ratio (Lecture)</b>	1:12*
<b>Faculty to Student Ratio (Lab)</b>	1:11*
<b>Program Director</b>	Tenured Faculty, 10-month Appointment, Academic Doctorate Degree
<b>Number of Core Faculty</b>	3

## Post-Professional Degree Program Accreditation, Institution Type and Degree

During the 2019-2020 academic year, there were seven accredited post-professional degree programs, which was a decrease of two from the previous academic year. Eight (88.9%) of the programs were offered at public institutions, and one (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. During the 2019-2020 academic year, one post-professional degree program received continuing accreditation following the comprehensive review process.

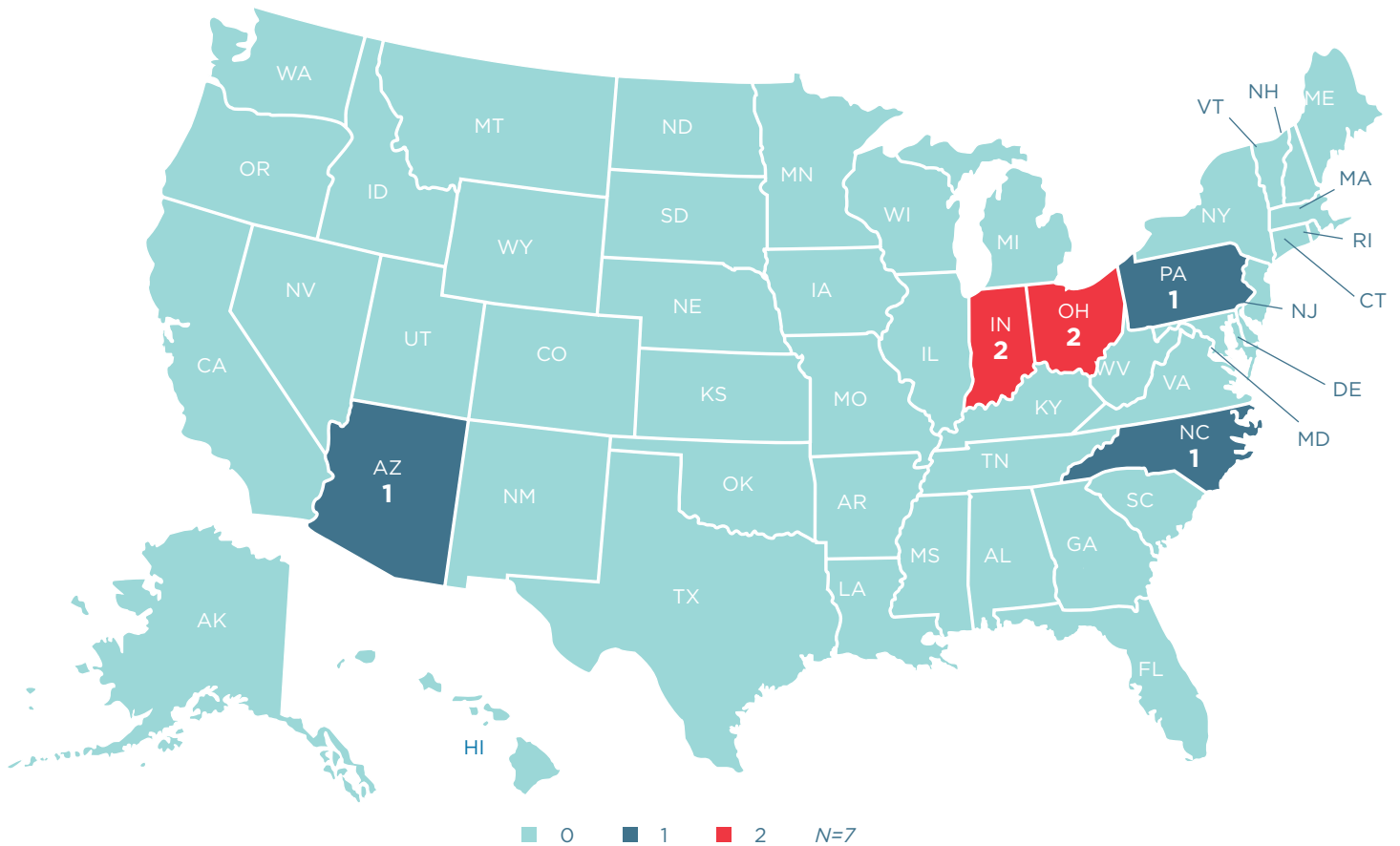
As was true for professional programs, this year's annual report for post-professional programs also asked if programs were housed with other health care programs. Of the nine accredited post-professional programs, seven (77.8%) indicated being housed with other health care programs.

### Post-Professional Degree Programs: Degree Awarded

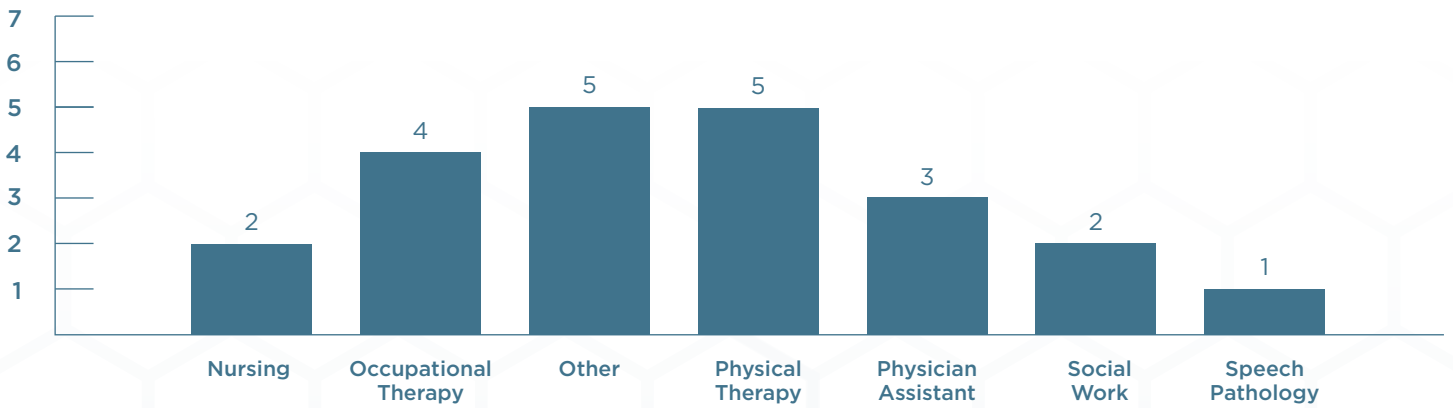


# POST-PROFESSIONAL DEGREE PROGRAMS

## Post-Professional Degree Programs by State



## Health Care Programs Administratively Housed with Post-Professional Athletic Training Degree Programs



# POST-PROFESSIONAL DEGREE 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	6 (85.7)
Secondary Admissions	1 (14.3)

N=7

### Admissions Capacity and Enrollment

Across all programs, there was a 7.9% decrease in available admissions capacity and a 36.9% decrease in completed applications. Post-professional degree programs operated at approximated 90% capacity for the 2019-2020 academic year.

	Mean $\pm$ SD per Program	Total for All Programs
Admission Slots Available	13.9 $\pm$ 7.4	97
Completed Applications	38.3 $\pm$ 21.4	268
Students Offered Admissions	18 $\pm$ 11.7	126
Students Accepting Offer	11.8 $\pm$ 8.4	83

N=7

## Program Enrollment

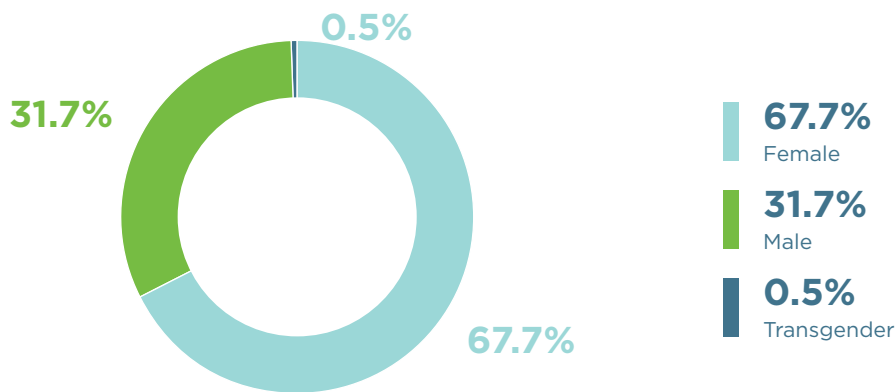
### Program Enrollment by Gender

	Mean $\pm$ SD per Program	Total for All Programs
Female	18.3 $\pm$ 17.3	128
Male	8.6 $\pm$ 4.0	60
Transgender	0.1 $\pm$ 0.4	2
Total	27.2 $\pm$ 18.4	189

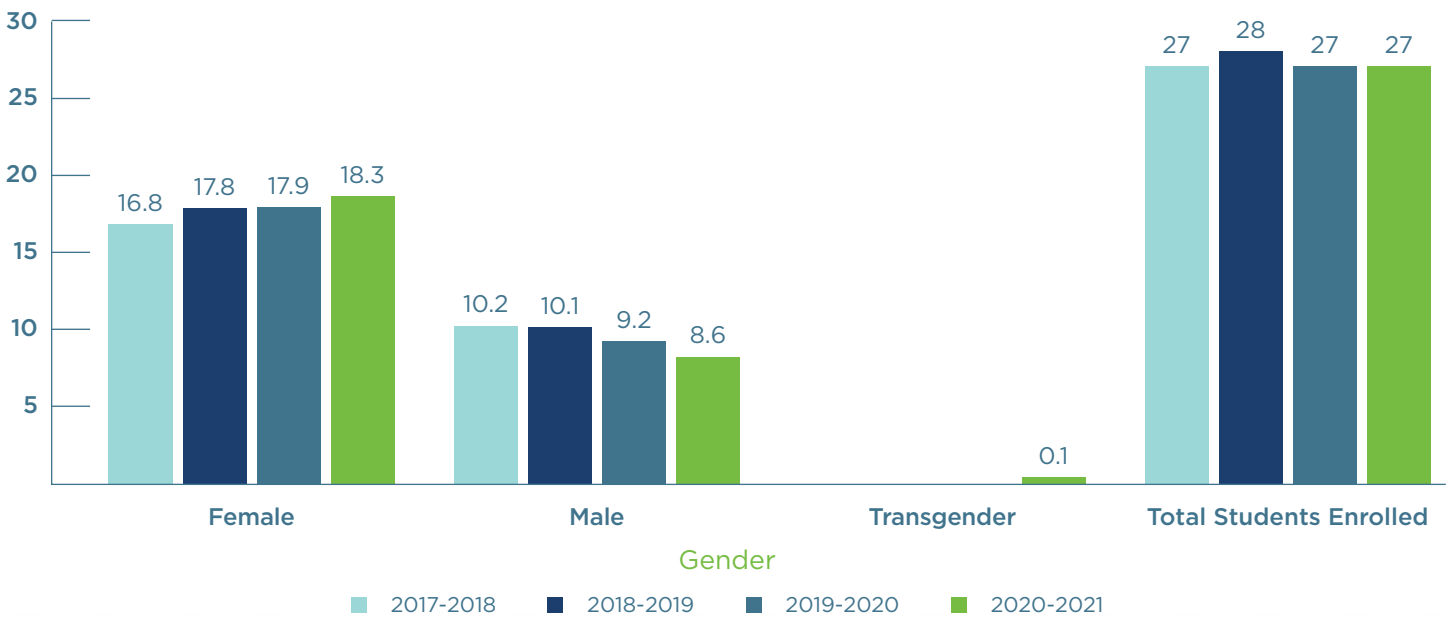
N=7 programs

# POST-PROFESSIONAL DEGREE PROGRAMS

## Post-Professional Degree Program Enrollment by Gender for 2019-2020 Academic Year



## Post-Professional Degree Program Enrollment by Gender: Four-Year Comparison





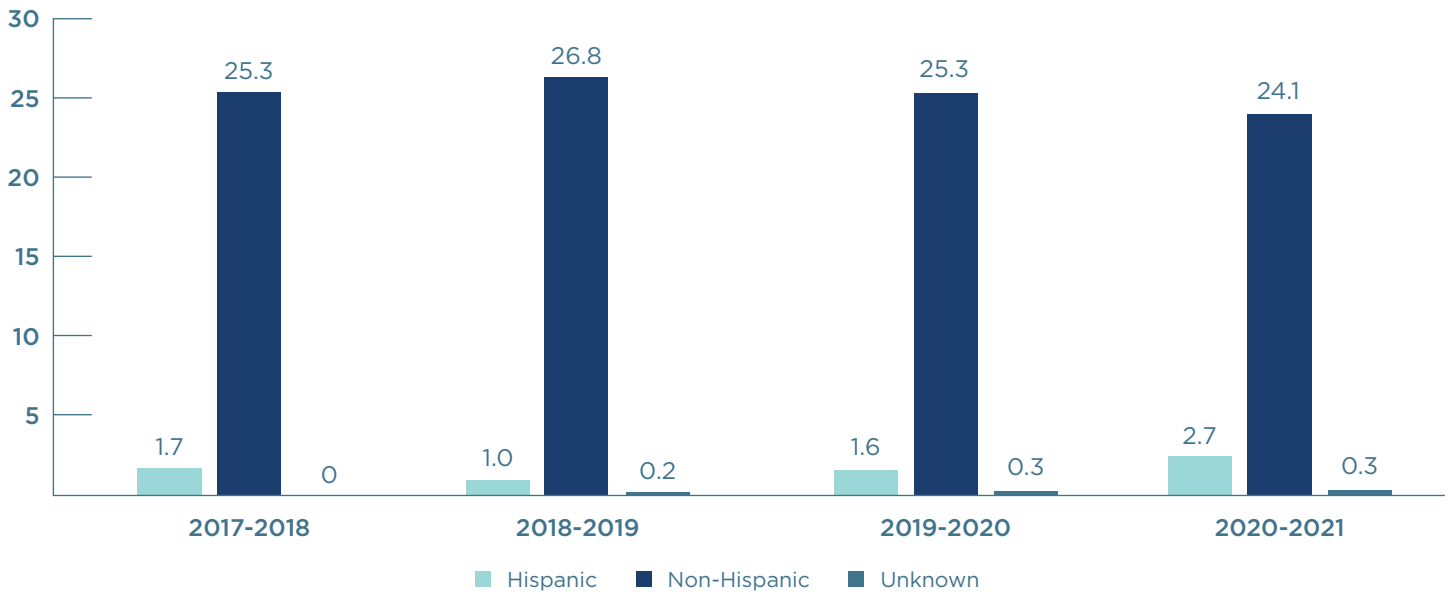
# POST-PROFESSIONAL DEGREE PROGRAMS

## Program Enrollment by Ethnicity

	Mean $\pm$ SD per Program	Total for All Programs
Hispanic	2.7 $\pm$ 4.2	19
Non-Hispanic	24.1 $\pm$ 18.4	169
Unknown	0.3 $\pm$ 0.5	2

*N=7 programs*

## Post-Professional Degree Program Enrollment by Ethnicity: Four-Year Comparison



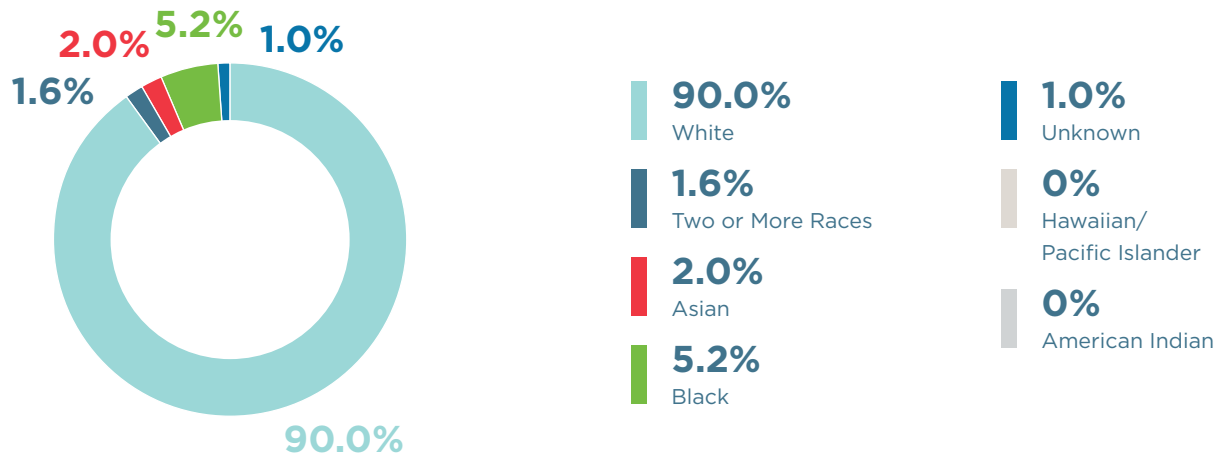
# POST-PROFESSIONAL DEGREE PROGRAMS

## Program Enrollment by Race

	Mean $\pm$ SD per Program	Total for All Programs
American Indian	0	0
Asian	0.6 $\pm$ 0.8	4
Black	1.5 $\pm$ 1.8	10
Hawaiian/Pacific Islander	0	0
Unknown	0.3 $\pm$ 0.5	2
White	24.4 $\pm$ 20.7	171
Two or More Races	0.4 $\pm$ 0.8	3

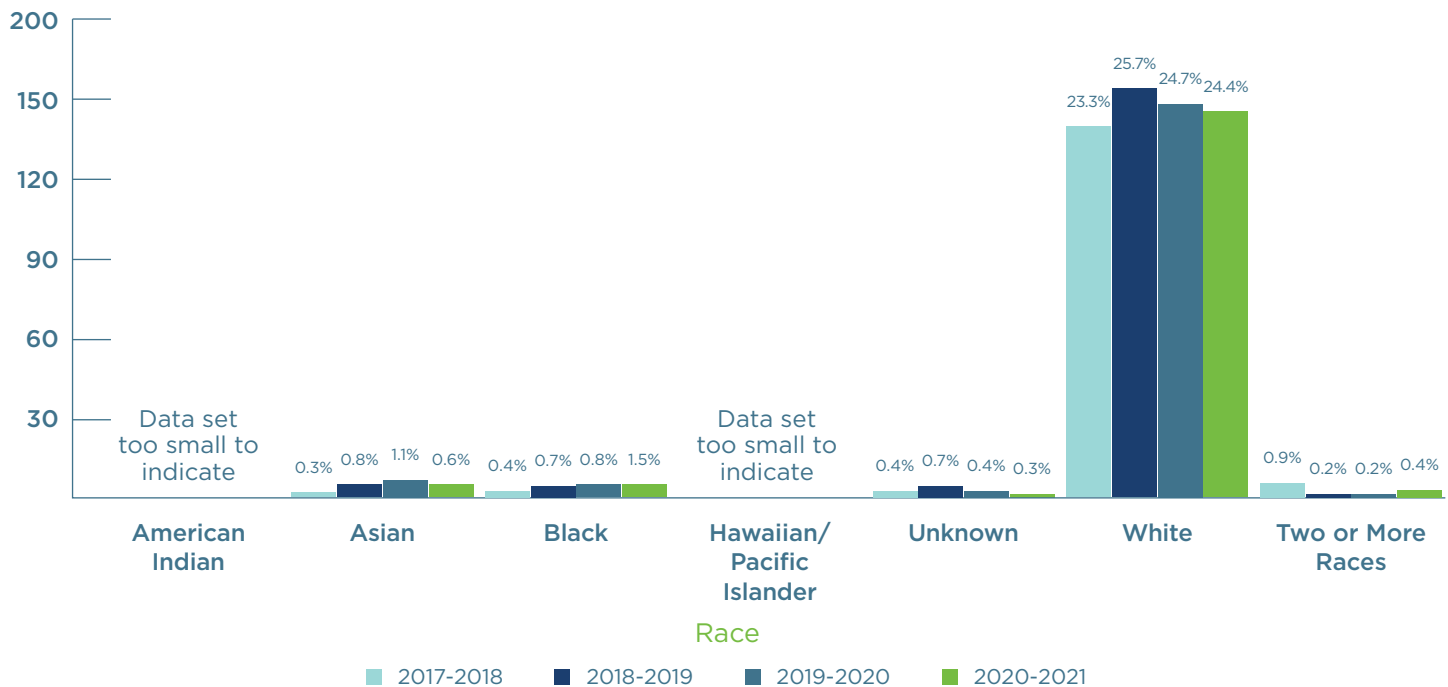
N=7 programs

## Post-Professional Degree Program Enrollment by Race in 2021



# POST-PROFESSIONAL DEGREE PROGRAMS

## Post-Professional Degree Program Enrollment by Race: Four-Year Comparison



## 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 Costs	Out-of-State Costs
<b>Annual Tuition</b>	13,399 ± 4,401	22,761 ± 5,592
<b>Annual Fees</b>	1,437 ± 1,019	1,436 ± 1,019
<b>Annual Other Costs</b>	150 ± 214	150 ± 214
<b>Total Annual Costs</b>	14,986 ± 4,289	24,346 ± 4,658

*N=7, mean \$ ± SD unless otherwise noted*

# POST-PROFESSIONAL DEGREE PROGRAMS

## Program Operating Expenditures

Programs indicated the program expenditures associated with administrative support, 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 $\pm$ SD
<b>Administrative Support*</b>	5,919 - 66,115	35,665 $\pm$ 20,812
<b>Expendable Supplies</b>	0 - 49,000	14,620 $\pm$ 18,537
<b>Professional Development</b>	0 - 20,500	5,561 $\pm$ 8,137
<b>Capital Equipment</b>	0 - 2,000	285 $\pm$ 756

N=7

## Faculty and Staff

For the program director, the 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, and release time is reported as a percentage of the standard workload in the respective department within the institution.

### Program Director

All seven (100%) of the post-professional degree programs' program directors reported holding an academic doctorate degree. Contract length ranged from nine to 12 months, with four program directors on a nine-month contract, one PD with a 10-month contract, and two PDs on 12-month contract. 71% of program directors reported carrying a 12 credit/year course load or higher.

	Number (%)
<b>PD is Tenure Track Faculty</b>	4 (57)
<b>PD is Tenured</b>	3 (42.8)
	Mean $\pm$ SD
<b>PD Years of Experience</b>	17.0 $\pm$ 14.6
<b>PD Years of Clinical Experience</b>	5.1 $\pm$ 8.8
<b>PD Appointment (Months)</b>	10.1 $\pm$ 1.5
<b>PD Contact Hours</b>	109.9 $\pm$ 76.7
<b>PD Credit Hours</b>	15.4 $\pm$ 8.5
<b>PD Release Time (% of Overall Load)</b>	19.0 $\pm$ 17.0

N=7

# POST-PROFESSIONAL DEGREE PROGRAMS

## Coordinator of Clinical Education

Clinical education coordinators are not required by the Standards for post-professional degree programs; zero of the seven post-professional degree programs reported having a coordinator of clinical education.

## 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, 71.4% of programs reported a faculty to student ratio of 1:10 or higher, with a maximum reported ratio of 1:22. For faculty-to-student ratios in lecture courses, the majority of programs (57.1%) reported a ratio 1:10 or lower, with a maximum reported ratio of 1:22.

## Program Faculty

The number of core faculty in each program ranged from 3 (n=4) to 8 (n=1). The mode (n=4) was three core faculty, and 88.9% of programs indicated have five or fewer core faculty. Numbers of associated faculty ranged from zero to four, and adjunct faculty ranged from zero to three.

	Mean ± SD
Core Faculty	3.3 ± 2.6
Associated Faculty	1.5 ± 1.1
Adjunct Faculty	1.8 ± 1.6

N=7

# 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.

## Residency Program Overview

The Typical AT Residency Program at a Glance:	
<b>Sponsoring Organization</b>	Physician Practice/Clinic
<b>Focused Area of Clinical Practice</b>	Orthopedics
<b>Residency Length</b>	12 Months
<b>New Residents Admitted</b>	4.6 <sup>^</sup>
<b>Student Enrollment by Gender Ratio</b>	3:1, Female to Male
<b>Student Enrollment by Race Ratio</b>	8:1, White to All Other Races <sup>^</sup>
<b>Number of Preceptors</b>	10 <sup>^</sup>
<b>Number of Faculty</b>	11 <sup>^</sup>
<b>Resident Salary During Residency Program</b>	\$30,000-\$39,999

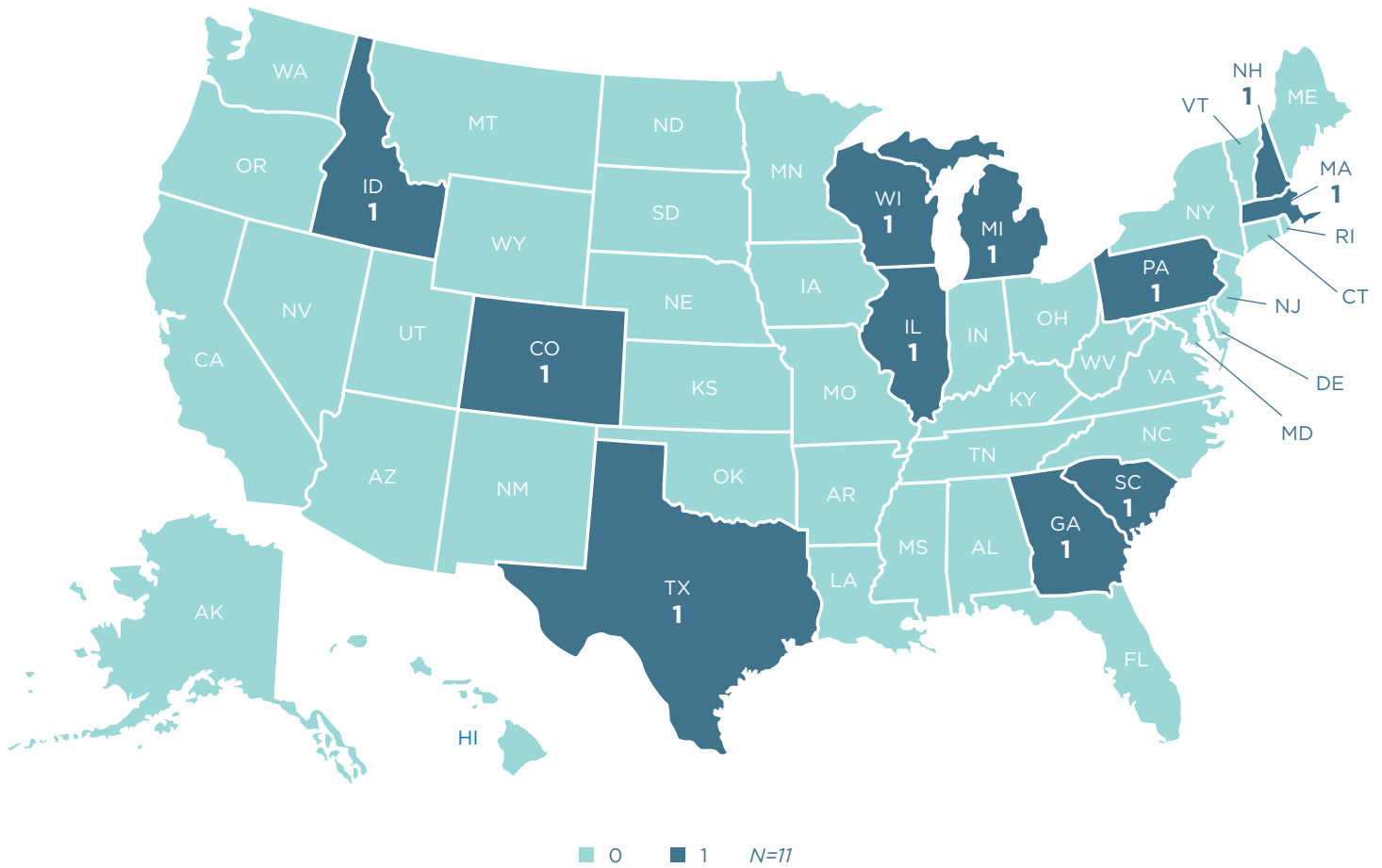
*\*denotes decrease from last year's 'At a Glance' data, ^ denoted increase from last year's 'At a Glance' data*

## Accreditation Status

During the 2020-2021 academic year, there were a total of 11 CAATE accredited residency programs that is an increase of three programs from last year. One residency program received initial accreditation following the comprehensive review process. Lastly, three programs were actively seeking initial accreditation (i.e., will submit the self-study on July 1, 2022).

# RESIDENCY PROGRAMS

## Residency Locations by State

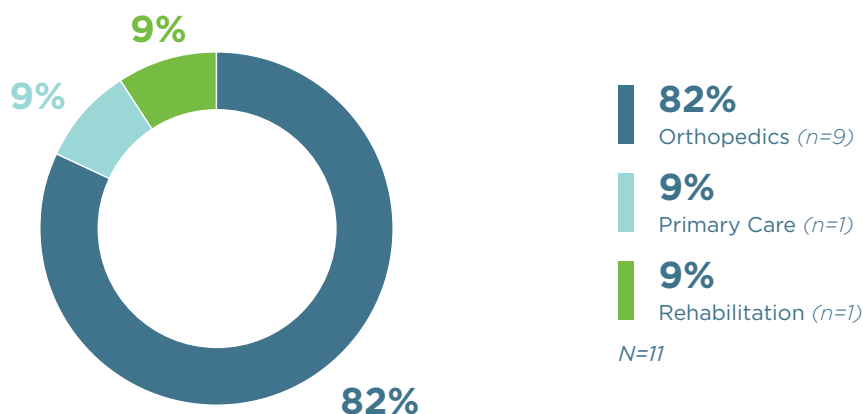


# RESIDENCY PROGRAMS

## Sponsoring Organization and Clinical Practice Specialty

The majority (81.8.5%) of residency programs are sponsored by physician practice/clinics or medical centers/hospitals. Nine of the 11 residency programs are offered in the specialty of clinical practice of orthopedics.

### Residency Program Specialty of Clinical Practice



## Residency Length and Additional Certifications

Ten accredited residencies report a residency program length of 12 months. One residency program reported a length of 21 months.

## Admissions Capacity and Enrollment

	Mean $\pm$ SD per Program	Total for All Programs
Resident Spots Available	3.2 $\pm$ 2.6	32
Completed Applications	18.8 $\pm$ 16.6	207
Residents Offered Admissions/Positions	4.1 $\pm$ 3.7	45
Residents Accepting Offer	2.3 $\pm$ 2.0	31

N=11



# RESIDENCY PROGRAMS

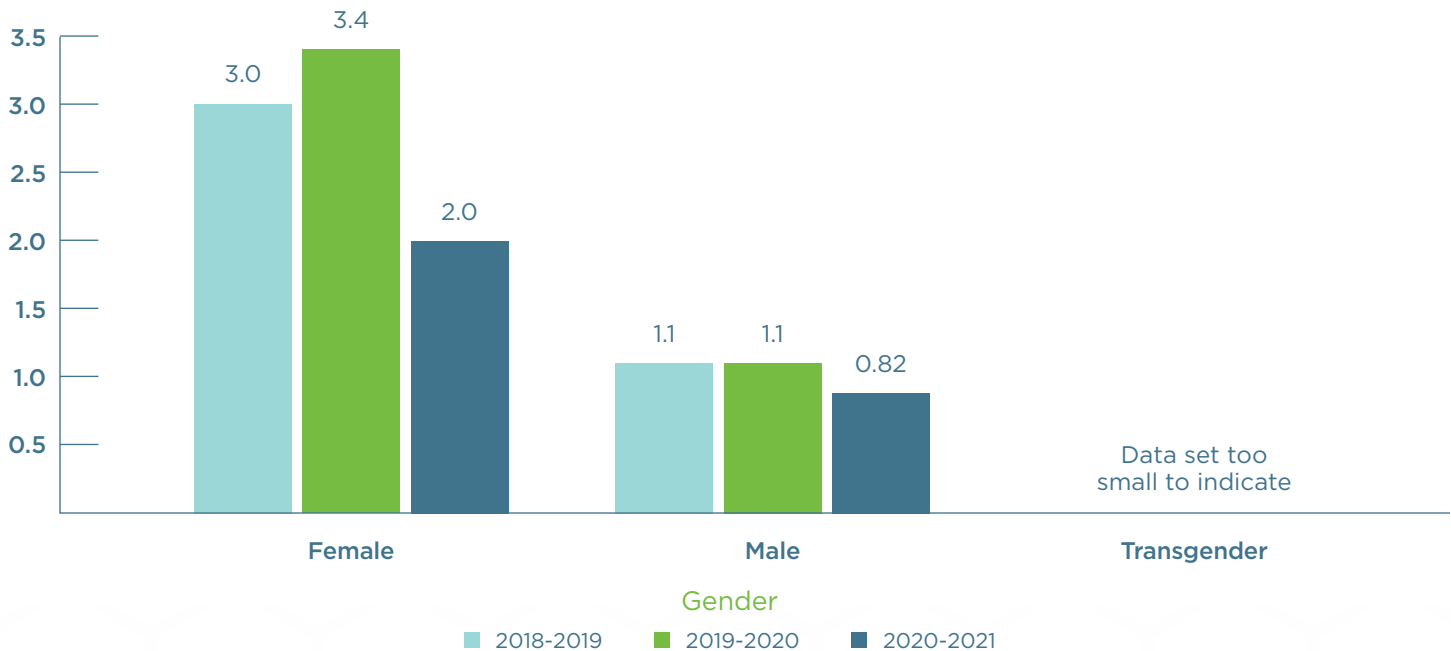
## Program Enrollment

### Program Enrollment by Gender

	Mean $\pm$ SD per Program	Total for All Programs
Female	3.4 $\pm$ 1.6	22
Male	1.1 $\pm$ 1.1	9
Transgender	0.0 $\pm$ 0.0	0.0
Total	4.65 $\pm$ 2.9	31

N=9

### Residency Program Enrollment by Gender: Three-Year Comparison



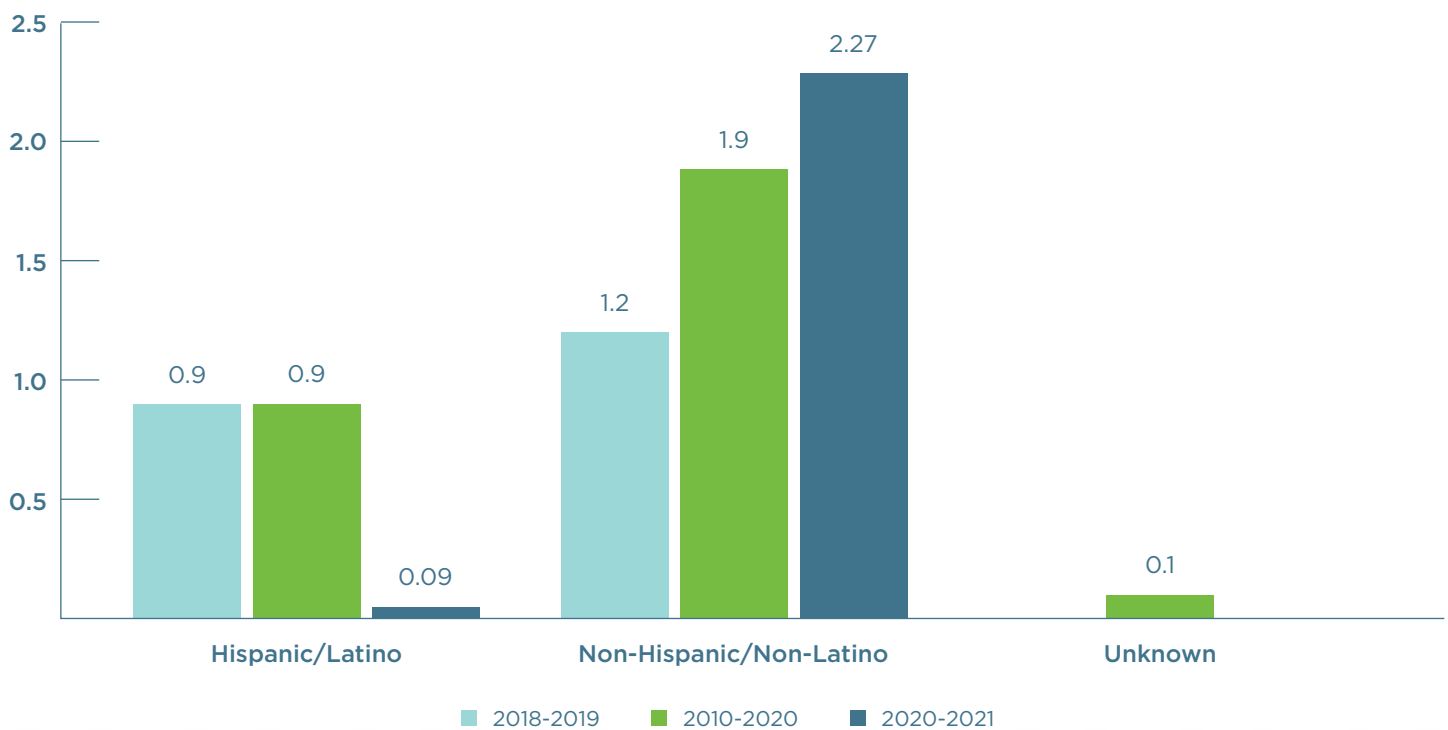
# RESIDENCY PROGRAMS

## Program Enrollment by Ethnicity

	Mean ± SD per Program	Total for All Programs*
Hispanic	0.9 ± 0.3	1
Non-Hispanic	2.3 ± 2.4	25
Unknown	0.0 ± 0.0	0

\*Number of reported residents by ethnicity does not equal total reported number of residents (n=26)

## Residency Program Enrollment by Ethnicity: Three-Year Comparison



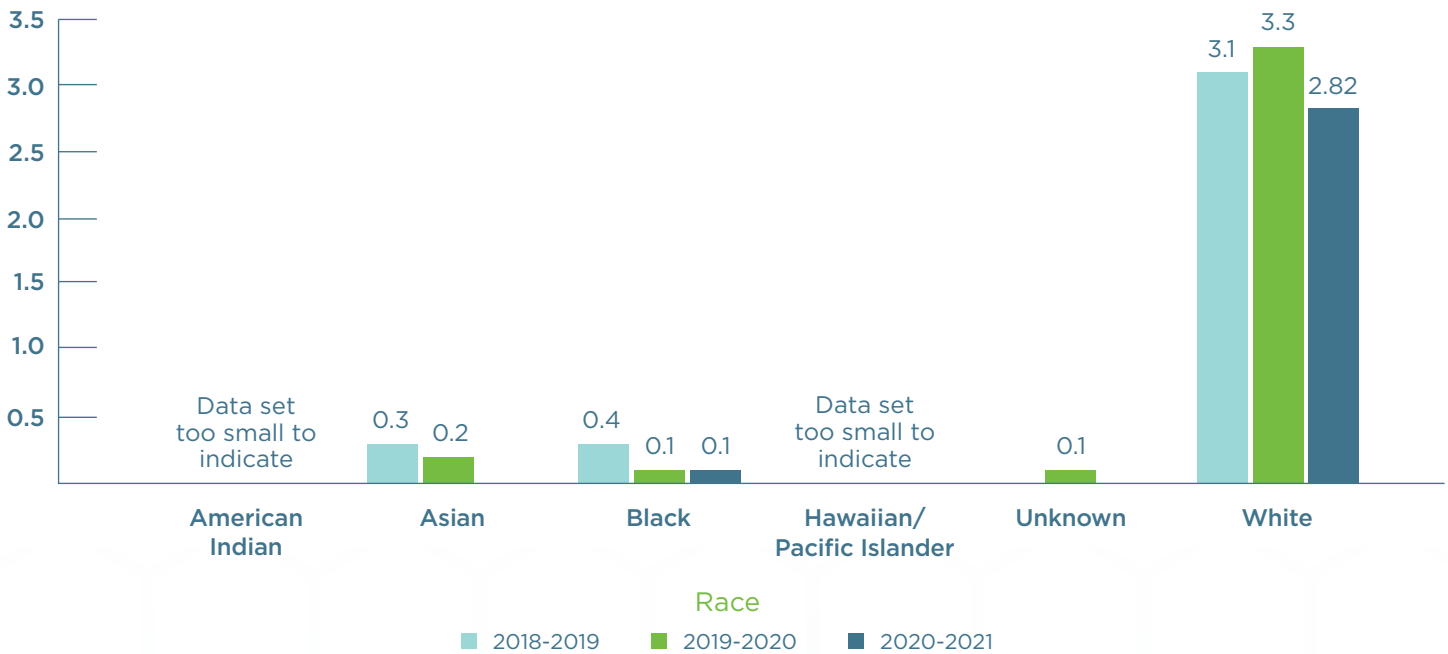
# RESIDENCY PROGRAMS

## 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	0.09 ± 0.3	1
Hawaiian/Pacific Islander	0.0 ± 0.0	0
Unknown	0.0 ± 0.0	0
White	2.8 ± 2.0	31

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

## Residency Program Enrollment By Race: Three-Year Comparison

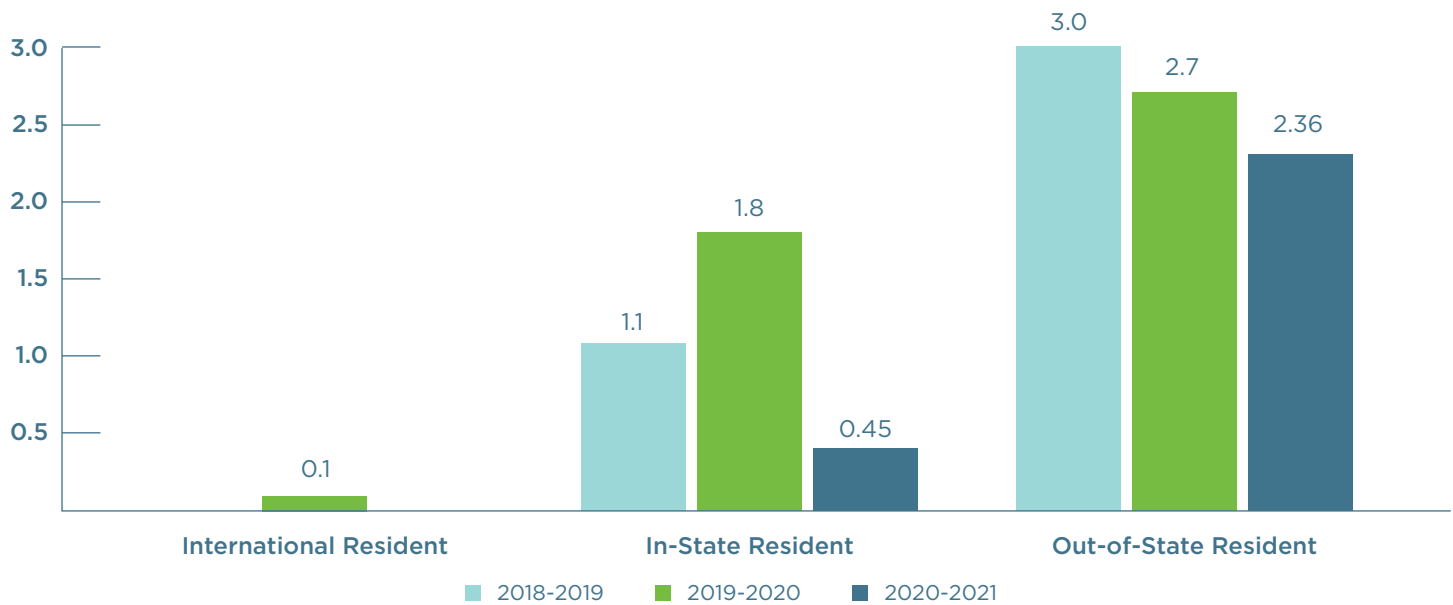


# RESIDENCY PROGRAMS

## Resident Status

	Mean ± SD per Program	Total for All Programs
International Resident	0.0 ± 0.0	0
In-State Resident	1.8 ± 1.2	5
Out-of-State Resident	2.7 ± 2.0	26

## Residency Program Reported Resident Status: Three-Year Comparison



## Personnel

### Preceptors

The number of preceptors at each program ranged from two to 16. Most programs (65.6%) report having eight or fewer preceptors affiliated with their program.

	Mean ± SD Per Program	Total for All Programs
Total Number of Preceptors	9.4 ± 7.2	76

# RESIDENCY PROGRAMS

## Faculty

The number of faculty at each program ranged from zero to 35. Most programs (50.6%) report having eight or fewer faculty members affiliated with their program.

	Mean $\pm$ SD Per Program	Total for All Programs
Total Number of Faculty	10.0 $\pm$ 14.7	79

## Salary

Programs were asked to report in which salary range their residents are paid. Four of the eleven accredited programs reported paying their residents between \$30,000 and \$39,000, and three of the nine programs pay \$40,000-\$49,999.

## Resident Salary by Program



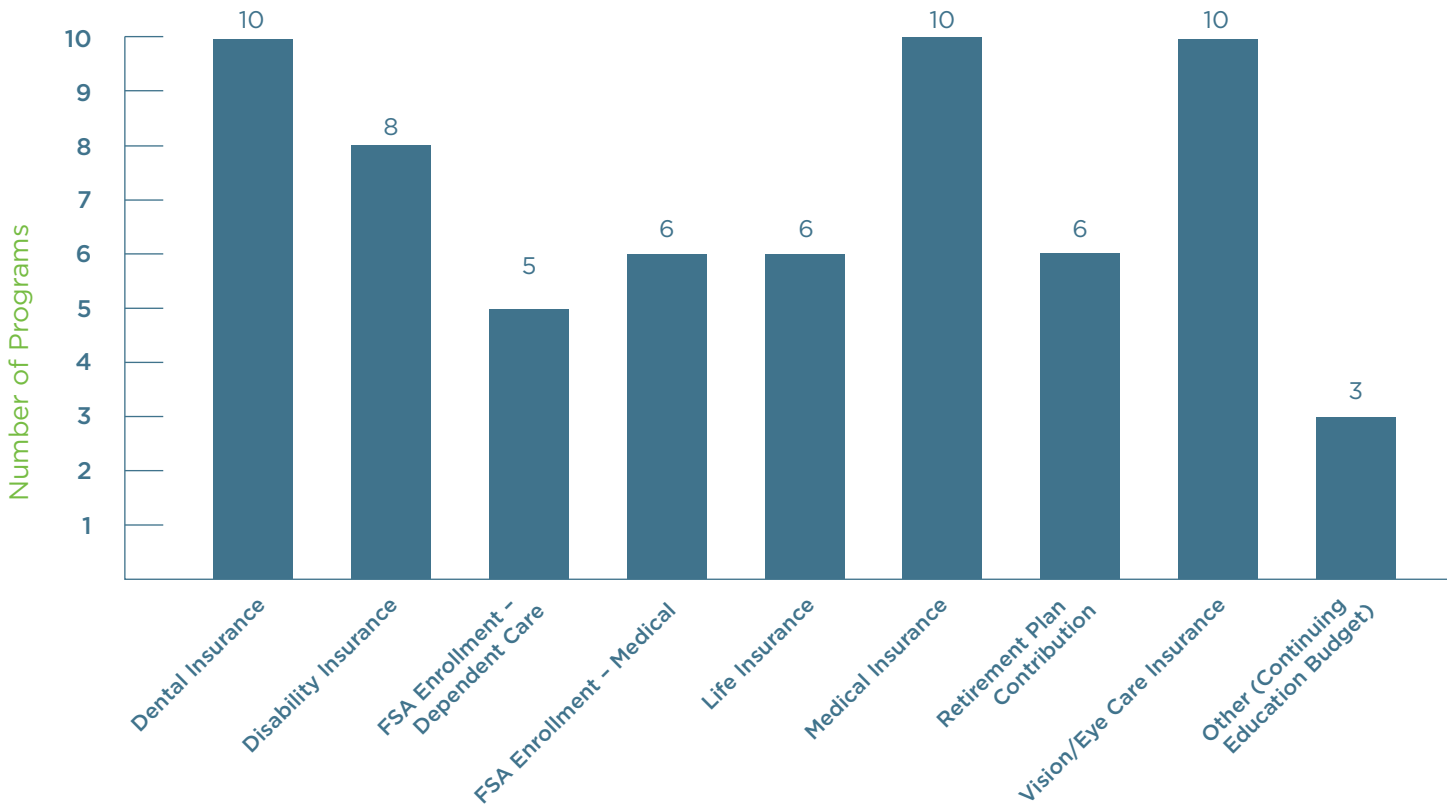
N=11

# RESIDENCY PROGRAMS

## Benefits

Programs were asked what, if any, additional benefits are residents eligible to receive while completing the Residency Program.

### Residency Program Employment Benefit Eligibility



N=11

## Outcomes

### Employment

Residency program directors were asked to provide the percentage of residents who completed the residency program during the reporting period that ultimately gained employment within the field of athletic training. All 11 accredited programs reported that 100% of residents completing the program had gained employment in the field of athletic training.

# RESIDENCY PROGRAMS

## Salary

Five programs reported an average salary range of \$50,000-\$59,000 for residents following completion of the residency program.

## Resident Salary by Program



N=11

[www.caate.net](http://www.caate.net)



**CAATE**

Commission on Accreditation  
of Athletic Training Education