

**PAEA RESEARCH**

# **Program Report 35**

By the Numbers | Data from the 2019 Program Survey



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# BY THE NUMBERS

## PROGRAM REPORT 35: DATA FROM THE 2019 PROGRAM SURVEY

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# INTRODUCTION

## PHYSICIAN ASSISTANT EDUCATION ASSOCIATION

Founded in 1972, the Physician Assistant Education Association (PAEA) represents all physician assistant (PA) education programs in the United States. At the beginning of the 2019 Program Survey administration in July 2019, PAEA represented 242 PA programs. For more information about PAEA and our products and services, visit [PAEAonline.org](https://paeaonline.org).

### IMPORTANT NOTICE

These data were collected in 2019, prior to the onset of the COVID-19 (coronavirus) pandemic in 2020. It is unknown to what extent the results are still reflective of PA programs as the pandemic forced PA education to rapidly adapt on a situational basis. For more information about the changes that PA programs made to continue providing excellent education amidst an ever-evolving crisis, PAEA members are encouraged to read our limited series of [COVID-19 Rapid Response Reports](#).

## METHODS

### The Survey Instruments

The 2019 Program Survey collected data that are reported in the following sections:

- **Section 1. General Information:** Geographic location of programs, credentials awarded, program length, and program start and end months
- **Section 2. Financial Information:** Program budget sources, expense areas, tuition and fees, and payments for clinical sites
- **Section 3. Program Personnel:** Faculty teaching load, faculty and staff headcounts and full-time equivalents (FTE), and barriers to hiring new faculty
- **Section 4. Students:** Capacity and enrollment, and academic and demographic information for the first-year class and 2019 cohort of PA students

In addition, the Program Survey contained a section dedicated to [the Support to Advance Research \(STAR\) Program](#). STAR is an initiative developed by the PAEA RMAC and Research Team that allows faculty of PAEA member programs to submit up to 10 questions for inclusion in the Program Survey to gather data for their own research. The data were provided to the principal investigator of the project for separate analysis and publication and are not reported here.

The questions in all sections of the survey, except those relating to financial information, reflect the 2018–2019 academic year. The financial information is based on the 2018–2019 fiscal year, as defined by each program. Unless otherwise indicated, the survey covers the professional phase of the program. The “professional phase” is defined as the portion of a PA student’s education that occurs in an educational program accredited by the Accreditation Review Commission on Education for the Physician Assistant (ARC-PA); this is typically about 27 continuous months in length, with one “year” of classroom and laboratory instruction followed by one “year” of clinical rotations. Students in “pre-PA” or “pre-professional” programs (i.e., the first two or three years of 2+2, 3+2, and similar programs) were not considered to be in the professional phase.

## Survey Administration

The 2019 Program Survey was sent to the program directors of PAEA's 242 member programs in July 2019. The PAEA Research Team sent email reminders to non-respondents and conducted follow-up calls until the survey closed in December 2019. The survey yielded an overall response rate of 97.1% based on the 235 respondents; however, the response rate varies for individual items.

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## Data Cleaning & Analysis

Responses were checked for logical consistency and examined for extreme values and possible errors. In cases of obvious misinterpretations or inconsistencies in the responses to specific items, respondents were contacted for clarification. Responses that fell outside of reasonable parameters (e.g., total annual program budgets of \$1,000) were not included in the analyses. Some reasonably plausible outliers were retained in some statistics, particularly in those presenting financial data. When interpreting financial statistics, readers are advised to rely primarily on medians and trimmed means, which are less susceptible to outlier influence than arithmetic means and are more useful for comparisons across time and between programs within the same year.

In general, analyses of the data consisted of calculating descriptive statistics on the variables of interest — percentage, minimum (Min) and maximum (Max) values; arithmetic mean (*M*); standard deviation (*SD*); median (*Mdn*); and 10th, 25th, 50th, 75th, and 90th percentiles (P10, P25, P50, P75, P90). Tables describing financial information also include a 10% trimmed mean (*M* (T)), the mean when the bottom and top 10% of responses are excluded. For some tables and figures, percentages will not equal 100% due to rounding or when multiple responses were allowed. Total columns on tables and figures are designated by *n*. Exact financial data were not reported if there were fewer than five respondents. Any other notations not described here are defined in the body of the report.

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## Report Enhancements

While PAEA aims to maintain as much consistency as possible in data collection and reporting, some changes are made each year to improve data quality and to add clarity or additional information to the results that have been *Program Report* fixtures for years.

For the third year, this report includes information on the proportion of programs that did not report demographic information for their first-year class (Table 48) and their 2019 cohort (Table 56). The consolidation of statistics on missing student demographic data was a necessary inclusion due to this recurring problem, which has potentially adverse effects for the PA profession as a whole and for PA education, specifically. Diversity is a core aspect of the PAEA mission and one of the dominant themes of the [PAEA Strategic Plan](#). When programs do not report student demographic information — either because they did not collect this information or chose not to provide it — critical information about the national PA student body is lost. This not only limits the Research Team's reporting and capacity for empirical research on the PA student body, but it also weakens the data that PAEA's Government Relations Team uses to advocate for debt relief and the support of PA education in state and federal policy. While the PAEA Research Team is exploring methods for improving these data and making collecting them less onerous, programs are encouraged to prioritize the accurate collection and tracking of student demographic information to ensure the most reliable data are available for the profession.



## Limitations

As previously noted, impacts of the COVID-19 pandemic may significantly limit the generalizability of this report.

For the first time in 10 years, PAEA's annual Program Survey did not achieve a 100% response rate; therefore, this report does not contain complete coverage of all PAEA member programs at the time of survey administration. Still, the high response rate of 97.1% does ensure that the results presented here are broadly representative of the entire landscape of PA programs in the United States. Cognizant that a 100% response rate was not going to be possible this year, the PAEA Research Team investigated whether non-responding and responding programs differed based on certain program characteristics, such as institution type and Academic Health Center status. Fortunately, no clear patterns were identified, but this analysis revealed inconsistencies in reported program characteristics over the years.

As with any survey, all data presented in this and prior reports are self-reported by programs and may vary in response rate and accuracy; thus, yearly fluctuations in the data do occur. For example, some programs reported changing public/private statuses where no record could be found in changes at the institutional level. Additionally, in questions addressing student demographics, some programs only reported headcounts of students belonging to a non-majority demographic group (e.g., in response to the question about first-year students' ethnicities, a program might report two Hispanic students but no non-Hispanic students). If substantial changes in any data occur in a particular year, PAEA recommends waiting until the following year's report is released before taking any permanent actions in your program, in order to identify whether the change was unique to that year (e.g., due to response rate or random fluctuation).

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## Questions & Data Requests

The data from the 2019 Program Survey, as well as custom reports using these data, are available upon request. For more information, refer to PAEA's [Data Request & Sharing Policies](#). Please direct inquiries regarding data requests or this report to the Research Team at [research@PAEAonline.org](mailto:research@PAEAonline.org).

# SECTION 1. GENERAL INFORMATION

FIGURE 1. CUMULATIVE TOTAL NUMBER OF PROGRAMS SINCE 1965

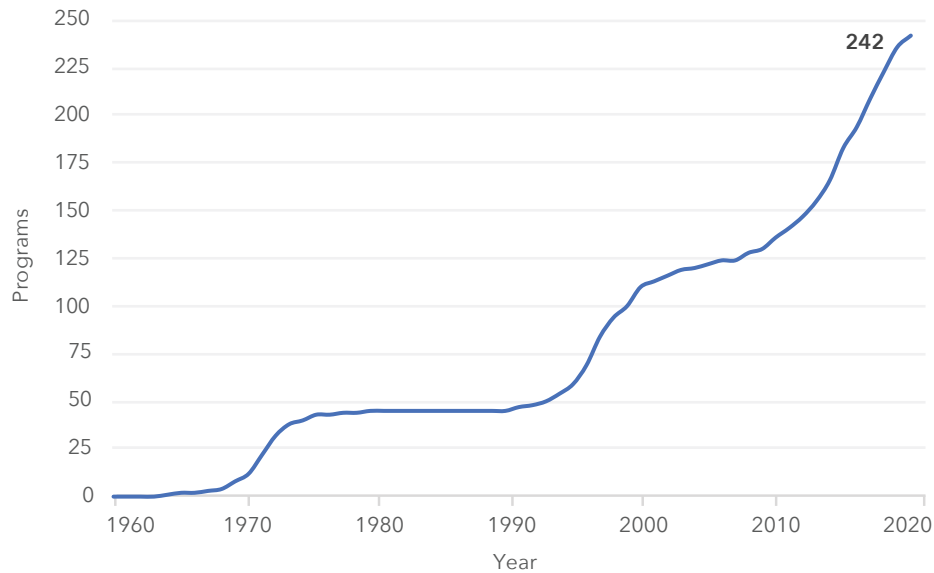
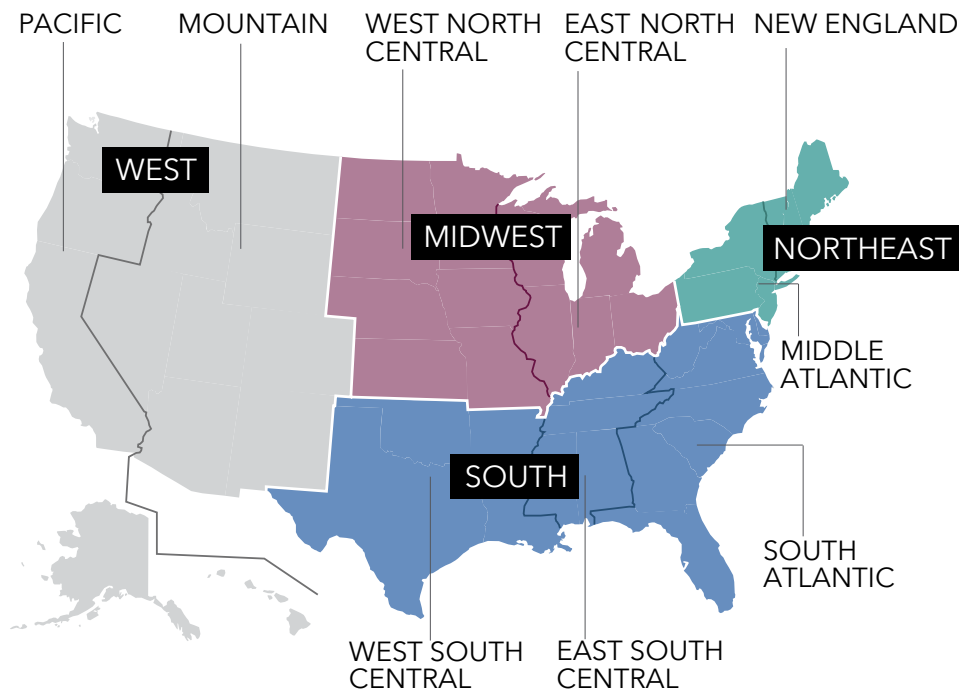


TABLE 1. SPONSORING INSTITUTION ATTRIBUTES

	<i>n</i>	%
<b>Type of institution</b>		
Private, non-profit	145	61.7
Public	69	29.4
Private, for-profit	13	5.5
Public/private hybrid	7	3.0
Military	1	0.4
<b>Academic Health Center status</b>		
Non-AHC	171	72.8
AHC	64	27.2
<b>Administrative housing</b>		
School of Allied Health/Health Professions/Health Sciences	130	55.3
Department of PA Studies/PA Program	41	17.4
College/School of Medicine	37	15.7
College of Graduate and Professional Studies	10	4.3
College of Arts and Sciences	8	3.4
Other health discipline (e.g., Nursing, Pharmacy, Podiatry, etc.)	5	2.1
Science department	4	1.7
<b>Total</b>	<b>235</b>	<b>100.0</b>

**FIGURE 2. U.S. CENSUS BUREAU REGIONS AND DIVISIONS**



*Note: Numbers in parentheses indicate the number of PAEA member programs in each state.*

**REGION 1 NORTHEAST**

**DIVISION 1 NEW ENGLAND**

- Connecticut (6)
- Maine (1)
- Massachusetts (8)
- New Hampshire (2)
- Rhode Island (2)
- Vermont (0)

**DIVISION 2 MIDDLE ATLANTIC**

- New Jersey (3)
- New York (23)
- Pennsylvania (21)

**REGION 2 MIDWEST**

**DIVISION 3 EAST NORTH CENTRAL**

- Illinois (5)
- Indiana (8)
- Michigan (5)
- Ohio (12)
- Wisconsin (5)

**DIVISION 4 WEST NORTH CENTRAL**

- Iowa (3)
- Kansas (1)
- Minnesota (3)
- Missouri (4)
- Nebraska (4)
- North Dakota (1)
- South Dakota (1)

**REGION 3 SOUTH**

**DIVISION 5 SOUTH ATLANTIC**

- Delaware (0)
- District of Columbia (1)
- Florida (16)
- Georgia (5)
- Maryland (3)
- North Carolina (10)
- South Carolina (5)
- Virginia (8)
- West Virginia (3)

**DIVISION 6 EAST SOUTH CENTRAL**

- Alabama (3)
- Kentucky (3)
- Mississippi (1)
- Tennessee (8)

**DIVISION 7 WEST SOUTH CENTRAL**

- Arkansas (2)
- Louisiana (3)
- Oklahoma (3)
- Texas (9)

**REGION 4 WEST**

**DIVISION 8 MOUNTAIN**

- Arizona (3)
- Colorado (4)
- Idaho (1)
- Montana (1)
- Nevada (2)
- New Mexico (2)
- Utah (2)
- Wyoming (0)

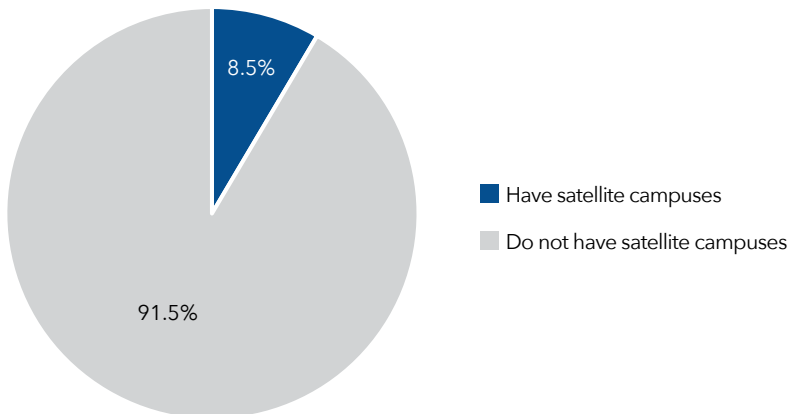
**DIVISION 9 PACIFIC**

- Alaska (0)
- California (15)
- Hawaii (0)
- Oregon (2)
- Washington (2)

**TABLE 2. GEOGRAPHIC DISTRIBUTION OF PROGRAMS**

	<i>n</i>	%
<b>Northeast Region</b>		
New England Division	19	8.1
Middle Atlantic Division	47	20.0
Subtotal	66	28.1
<b>Midwest Region</b>		
East North Central Division	35	14.9
West North Central Division	17	7.2
Subtotal	52	22.1
<b>South Region</b>		
South Atlantic Division	51	21.7
East South Central Division	15	6.4
West South Central Division	17	7.2
Subtotal	83	35.3
<b>West Region</b>		
Mountain Division	15	6.4
Pacific Division	19	8.1
Subtotal	34	14.5
<b>Total</b>	<b>235</b>	<b>100.0</b>

**FIGURE 3. SATELLITE CAMPUSES**



*20 programs operated a total of 24 satellite campuses. Of those programs with satellite campuses, 3 (15.0%) had separate admissions processes.*

## ACADEMIC TERMS & SCHEDULES

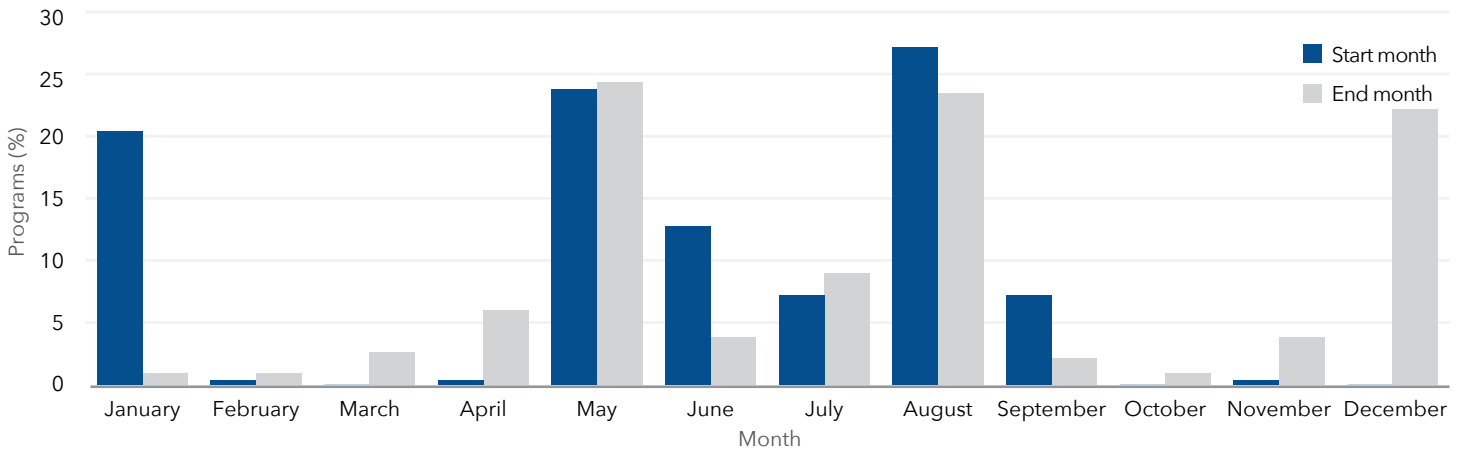
**TABLE 3. ACADEMIC TERMS**

	<i>n</i>	%
Semesters	188	80.0
Trimesters	20	8.5
Quarters	20	8.5
Other	7	3.0
<b>Total</b>	<b>235</b>	<b>100.0</b>

**TABLE 4. CREDITS REQUIRED FOR COMPLETION BY ACADEMIC TERM**

	<i>n</i>	<i>Min</i>	<i>Max</i>	<i>M</i>	<i>SD</i>	<i>Mdn</i>
Semesters	186	54.0	154.0	108.6	16.3	108.0
Trimesters	20	82.0	161.5	110.7	17.8	110.3
Quarters	20	105.0	182.0	149.8	22.1	151.0
Other	7	91.0	165.0	118.9	23.0	116.0
<b>Overall</b>	<b>233</b>	<b>54.0</b>	<b>182.0</b>	<b>112.7</b>	<b>20.6</b>	<b>111.0</b>

**FIGURE 4. PROGRAM START AND END MONTHS**



**TABLE 5. PROGRAM LENGTH (WEEKS)**

	<i>n</i>	<i>Min</i>	<i>Max</i>	<i>M</i>	<i>SD</i>	<i>P10</i>	<i>P25</i>	<i>P50 (Mdn)</i>	<i>P75</i>	<i>P90</i>
Didactic phase	233	26.0	94.0	57.8	9.6	50.0	52.0	55.0	64.0	70.0
Clinical phase	234	24.0	105.0	53.2	8.4	47.0	49.0	52.0	55.0	64.0
Vacation	234	2.0	33.0	9.5	4.8	5.0	6.0	8.0	11.0	15.0

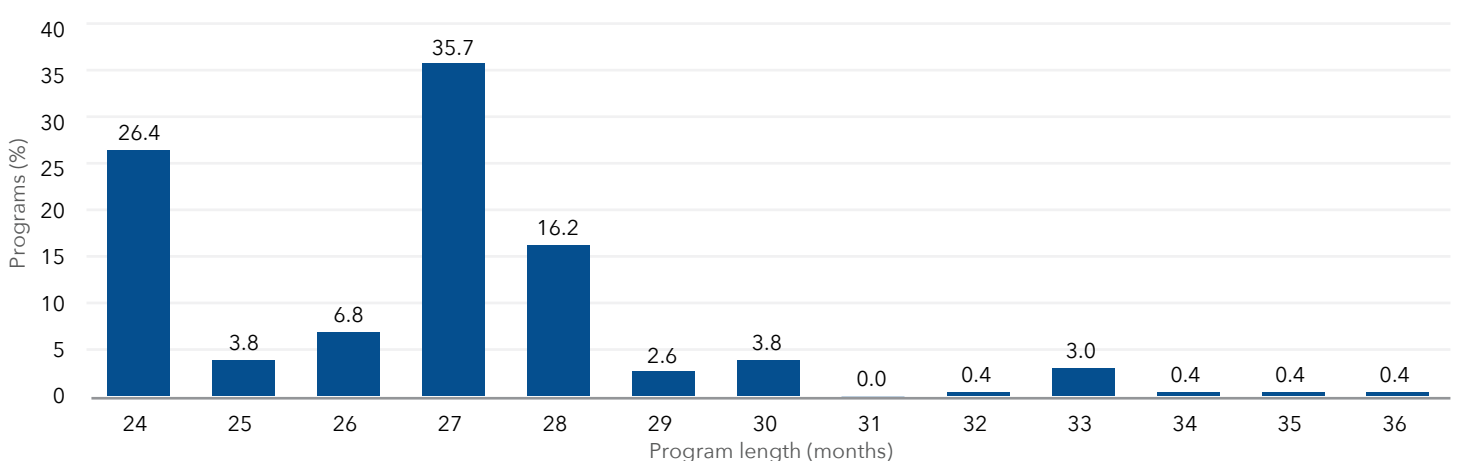
77 programs (32.8%) offered clinical experiences during the didactic phase. On average, these programs offered clinical experiences on 15.3 days (Min = 1.0, Max = 120.0, SD = 18.1, Mdn = 10.0).

Note: The length of didactic and clinical phases did not exclude vacations or other time off.

**TABLE 6. TOTAL PROGRAM LENGTH (MONTHS)**

	<i>n</i>	<i>Min</i>	<i>Max</i>	<i>M</i>	<i>SD</i>	<i>Mdn</i>
PA program length	235	24.0	36.0	26.7	2.3	27.0

**FIGURE 5. TOTAL PROGRAM LENGTH (MONTHS)**





## ADMISSIONS

Programs were asked to report how many students were admitted during the graduate, professional phase of the 2018–2019 academic year from three categories:

- Admitted from undergraduate, pre-professional track to the graduate phase
- Direct program admission (not through CASPA) to the graduate phase
- CASPA applicant to the graduate phase (not part of undergraduate, pre-professional track)

**TABLE 7. ADMISSIONS**

	<i>n</i> (P)	<i>n</i> (S)	<i>M</i>	<i>SD</i>	P10	P25	P50 ( <i>Mdn</i> )	P75	P90	Mean % of Admissions
CASPA applicants to the graduate phase (not part of undergraduate, pre-professional track)	214	11,193	52.3	99.0	25.0	30.0	40.0	57.8	75.7	96.4
Direct program admission (not through CASPA) to the graduate phase	20	553	27.7	47.0	1.0	4.8	10.5	34.5	46.0	43.9
Admitted from undergraduate, pre-professional track to the graduate phase	38	910	23.9	22.0	2.0	5.0	18.5	35.8	52.0	52.5

*Note: "n (P)" refers to the number of reporting programs. "n (S)" refers to the number of students reported by the programs. "Mean % of admissions" represents the average percentage of admissions for that category for programs that reported admissions from that category.*

**TABLE 8. USE OF CASPA IN ADMISSIONS**

	<i>n</i>	%
All students were admitted through CASPA	182	77.4
Some but not all students were admitted through CASPA	32	13.6
No students were admitted through CASPA	21	8.9
No students were admitted in the 2018-2019 academic year	0	0.0
<b>Total</b>	<b>235</b>	<b>100.0</b>

*91.0% of programs reported using CASPA to admit some or all students.*

## CREDENTIALS

**TABLE 9. CREDENTIALS AWARDED TO PA GRADUATES**

	<i>n</i>	%
Certificate of Completion	15	6.4
Associate degree	1	0.4
Baccalaureate degree	10	4.3
Master's degree	232	98.7
Master's degree plus Master of Public Health (MPH)	9	3.8
Other	1	0.4
<b>Total</b>	<b>235</b>	<b>-</b>

*Note: Programs were asked to select all credentials awarded to their PA graduates. Percentages will sum to more than 100% because programs could select multiple credentials.*

**TABLE 10. PRIMARY CREDENTIAL AWARDED TO PA GRADUATES**

	<i>n</i>	%
Certificate of Completion	0	0.0
Associate degree	0	0.0
Baccalaureate degree	1	3.4
Master's degree (not Master of Public Health)	26	89.7
Master of Public Health (MPH) as part of a dual master's degree program	1	3.4
Doctorate degree	0	0.0
Other	1	3.4
<b>Total</b>	<b>29</b>	<b>100.0</b>

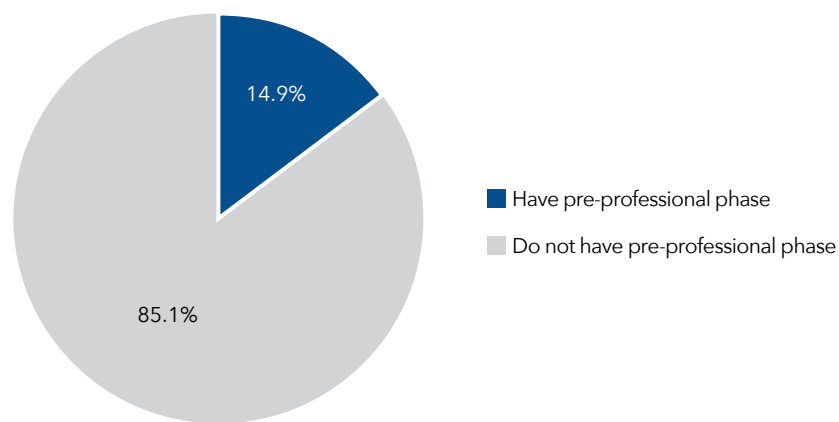
*Note: Programs that selected more than one credential awarded to PA graduates were asked to indicate which was their program's primary credential.*

**TABLE 11. TYPE OF MASTER'S DEGREE AWARDED TO PA GRADUATES**

	<i>n</i>	%
MPAS: Master of Physician Assistant Studies	77	33.8
MSPAS: Master of Science in Physician Assistant Studies	41	18.0
MS: Master of Science	33	14.5
MMS/MMSc: Master of Medical Science	30	13.2
MSPA: Master of Science Physician Assistant	10	4.4
MHS: Master of Health Science	9	3.9
MPA: Master of Physician Assistant	7	3.1
MPAP: Master of Physician Assistant Practice	4	1.8
MSHS: Master of Science in Health Science	4	1.8
MSM: Master of Science in Medicine	3	1.3
Other master's degree	10	4.4
<b>Total</b>	<b>228</b>	<b>100.0</b>

**PRE-PROFESSIONAL PHASE**

**FIGURE 6. PROGRAMS WITH A PRE-PROFESSIONAL PHASE**



*35 programs (14.9%) reported having a pre-professional phase. These programs reported admitting a total of 1,248 pre-professional students (Min = 2, Max = 127, M = 39.0, SD = 27.5, Mdn = 39.0) in the 2018–2019 academic year.*

**TABLE 12. PROGRAM MODELS FOR THE PRE-PROFESSIONAL PHASE**

	<i>n</i>	%
3+2	20	57.1
3+3	4	11.4
4+2	4	11.4
2+3	3	8.6
Other	4	11.4
<b>Total</b>	<b>35</b>	<b>100.0</b>

# SECTION 2. FINANCIAL INFORMATION

Programs were asked to supply their financial information for the 2018–2019 fiscal year, as defined by the program, rather than the 2018–2019 academic year. All data were collected in 2019, prior to the onset of the COVID-19 pandemic. Therefore, it is unknown to what extent this information is still reflective of PA program finances. PAEA members are encouraged to read our limited series of [COVID-19 Rapid Response Reports](#) for information on how the pandemic impacted PA program finances.

Missing values, obvious and extreme outliers, and reports of \$0 were excluded prior to analysis.

Throughout this section:

- “% reporting” refers to the proportion of responding programs that provided a dollar amount for a budget source, expense, or fee, divided by the total number of programs that provided dollar amounts for at least one budget source, expense, or fee. These numerators exclude programs that were unable to provide dollar amounts for that specific category.
- “n” refers to the number of programs that reported a dollar amount.
- “M (T)” refers to the 10% trimmed mean, or the mean when the top and bottom 10% of values are excluded. When interpreting financial statistics, readers are advised to rely primarily on medians and trimmed means, which are less susceptible to outlier influence than arithmetic means and are more useful for comparisons across time and between programs within the same year.

TABLE 13. FISCAL YEAR DEFINITIONS

	n	%
July 1 - June 30	174	74.0
June 1 - May 31	29	12.3
September 1 - August 31	14	6.0
January 1 - December 31	8	3.4
October 1 - September 30	7	3.0
Other	3	1.3
<b>Total</b>	<b>235</b>	<b>100.0</b>

## PROGRAM BUDGET

Programs were asked to indicate all funding sources for their 2018–2019 fiscal year operations budgets, excluding in-kind contributions, from a list of 11 sources. Programs could provide up to five “Other” sources, which were recoded into existing categories when possible. Programs were then asked to report the dollar amount of funding received from each selected source. “Total budget” refers to the sum of each program’s itemized budget sources. Programs that reported total budgets of under \$120,000 were excluded. A total of 229 programs reported dollar amounts. “Mean % of budget” was calculated by dividing each program’s amount of financial support from each source by the program’s total budget, then taking the average percentage across reporting programs. The percentages do not sum to 100% because not all programs reported receiving financial support from each source.

**TABLE 14. SOURCES OF PROGRAMS' FINANCIAL SUPPORT (\$)**

	% Reporting	n	M	M (T)	SD	P10	P25	P50 (Mdn)	P75	P90	Mean % of Budget
Budgeted funds from sponsoring institution	74.7	171	1,420,862	1,192,967	1,403,381	152,188	304,218	1,186,000	1,885,100	2,932,956	83.1
Clinical practice income	3.9	9	67,085	67,085	78,800	13,730	34,872	49,206	62,196	113,493	2.5
Endowment	7.4	17	229,043	55,108	732,726	3,303	8,200	31,899	94,680	138,729	4.7
Federal grant/contract	8.7	20	152,227	122,214	167,036	9,350	34,908	84,834	210,008	322,534	6.6
Private donations and gifts	9.2	21	49,927	36,624	68,001	1,989	7,100	13,750	50,000	127,109	3.1
Private foundation	2.6	6	160,857	160,857	131,111	25,500	47,500	147,533	273,767	309,537	13.0
State appropriations	8.7	20	731,948	687,954	526,034	215,282	400,684	615,504	1,009,952	1,343,979	47.2
State grant/contract	3.9	9	95,235	95,235	53,918	26,281	75,000	96,000	120,000	163,961	4.1
Tuition and fees received directly by the program	43.2	99	2,218,583	1,852,754	2,268,203	72,864	318,151	1,784,813	3,111,349	5,023,057	71.8
Other	3.1	7	656,566	656,566	1,041,319	20,903	30,426	400,000	594,345	1,600,612	33.6
<b>Total budget</b>	-	<b>229</b>	<b>2,149,697</b>	<b>1,831,535</b>	<b>1,894,131</b>	<b>305,887</b>	<b>1,030,000</b>	<b>,663,794</b>	<b>2,802,459</b>	<b>4,163,458</b>	<b>100.0</b>

**TABLE 15. SOURCES OF FINANCIAL SUPPORT AMONG PUBLIC AND PRIVATE PROGRAMS (\$)**

	% Reporting	n	M	M (T)	SD	P10	P25	P50 (Mdn)	P75	P90	Mean % of Budget
<b>Public</b>											
Budgeted funds from sponsoring institution	74.6	50	991,794	925,196	756,126	119,472	259,436	944,802	1,502,313	1,981,500	69.8
Clinical practice income	11.9	8	66,174	66,174	84,190	13,514	29,695	42,517	53,897	124,537	2.7
Endowment	10.4	7	451,625	451,625	1,152,947	2,152	3,236	25,891	30,950	1,245,573	7.7
Federal grant/contract	10.4	7	144,100	144,100	110,964	29,926	48,272	150,420	215,928	272,454	6.6
Private donations and gifts	11.9	8	13,968	13,968	14,761	3,120	6,226	9,950	14,563	26,420	0.5
State appropriations	29.9	20	731,948	687,954	526,034	215,282	400,684	615,504	1,009,952	1,343,979	47.2
Tuition and fees received directly by the program	55.2	37	1,476,990	1,067,975	2,004,816	62,193	215,280	730,479	2,064,000	3,041,043	55.5
<b>Total budget</b>	-	<b>67</b>	<b>1,867,661</b>	<b>1,594,365</b>	<b>1,595,582</b>	<b>607,432</b>	<b>1,064,189</b>	<b>1,421,678</b>	<b>2,159,932</b>	<b>3,117,421</b>	<b>100.0</b>
<b>Private</b>											
Budgeted funds from sponsoring institution	76.0	117	1,596,615	1,334,786	1,579,185	157,400	325,000	1,299,256	2,059,032	3,175,220	88.1
Endowment	6.5	10	73,235	71,023	52,618	7,865	28,106	82,550	108,255	128,432	2.5
Federal grant/contract	7.8	12	169,361	138,310	197,745	12,000	42,272	84,834	220,471	421,682	7.1
Private donations and gifts	8.4	13	72,056	62,357	78,659	2,040	9,700	44,667	122,657	164,029	4.8
State grant/contract	4.5	7	84,987	84,987	48,979	25,062	51,250	96,000	108,000	135,600	3.0
Tuition and fees received directly by the program	38.3	59	2,696,647	2,389,763	2,357,907	76,590	906,270	2,293,000	3,611,266	5,456,365	80.5
<b>Total budget</b>	-	<b>154</b>	<b>2,298,518</b>	<b>1,970,752</b>	<b>2,030,053</b>	<b>263,396</b>	<b>1,030,500</b>	<b>1,787,600</b>	<b>3,014,123</b>	<b>4,639,976</b>	<b>100.0</b>

Note: Sources with fewer than 5 programs reporting dollar amounts were excluded.

Average class size was calculated as the sum of first-, second-, and third-year enrollment (total enrollment) divided by the total number of enrolled cohorts. This number was then classified into one of the following categories:

- 25 or fewer students
- 26–50 students
- 51–75 students
- 76–100 students

**TABLE 16. SOURCES OF FINANCIAL SUPPORT BY AVERAGE CLASS SIZE (\$)**

	<i>n</i>	<i>M</i>	<i>M (T)</i>	<i>SD</i>	<i>P10</i>	<i>P25</i>	<i>P50 (Mdn)</i>	<i>P75</i>	<i>P90</i>
<b>25 or fewer students</b>									
Budgeted funds from sponsoring institution	18	696,768	671,035	555,742	74,747	128,592	722,463	1,007,727	1,336,500
Tuition and fees received directly by the program	11	656,439	606,660	593,585	56,322	166,594	575,653	1,055,270	1,347,406
<b>Total budget</b>	<b>47</b>	<b>489,961</b>	<b>422,496</b>	<b>524,273</b>	<b>11,160</b>	<b>75,501</b>	<b>215,280</b>	<b>812,640</b>	<b>1,252,000</b>
<b>26-50 students</b>									
Budgeted funds from sponsoring institution	96	1,183,150	1,103,908	845,593	207,151	320,500	1,177,463	1,576,818	2,337,354
Other	7	62,990	62,990	127,671	2,550	4,500	8,950	35,552	170,000
<b>Total budget</b>	<b>208</b>	<b>1,142,036</b>	<b>980,894</b>	<b>1,152,298</b>	<b>23,922</b>	<b>148,364</b>	<b>908,400</b>	<b>1,787,410</b>	<b>2,934,799</b>
<b>51-75 students</b>									
Budgeted funds from sponsoring institution	39	2,132,122	1,864,777	2,044,120	137,252	426,425	1,814,953	2,467,123	5,070,632
Federal grant/contract	6	204,727	204,727	243,176	16,750	37,500	128,755	266,392	468,676
Private donations and gifts	6	55,798	55,798	96,701	4,545	7,825	13,500	40,550	149,350
State appropriations	7	1,110,163	1,110,163	642,877	359,368	630,835	1,299,253	1,383,836	1,717,212
Tuition and fees received directly by the program	16	2,692,986	2,340,805	3,310,581	70,980	128,464	459,043	5,035,571	6,754,010
<b>Total budget</b>	<b>91</b>	<b>1,537,842</b>	<b>1,080,194</b>	<b>2,162,280</b>	<b>21,000</b>	<b>81,180</b>	<b>398,946</b>	<b>2,149,152</b>	<b>4,940,724</b>
<b>76-100 students</b>									
Budgeted funds from sponsoring institution	11	2,178,945	1,791,486	2,174,757	195,760	512,589	1,917,012	2,895,338	3,444,417
<b>Total budget</b>	<b>27</b>	<b>2,245,278</b>	<b>1,864,885</b>	<b>2,861,874</b>	<b>26,500</b>	<b>55,896</b>	<b>1,534,650</b>	<b>2,895,338</b>	<b>7,837,981</b>

Note: Subgroups with fewer than 5 programs reporting dollar amounts were excluded. Therefore, subgroup “n”s may not sum to the subtotal “n”s.



**TABLE 17. SOURCES OF FINANCIAL SUPPORT BY AVERAGE CLASS SIZE AMONG PUBLIC AND PRIVATE PROGRAMS (\$)**

	<i>n</i>	<i>M</i>	<i>M (T)</i>	<i>SD</i>	<i>P10</i>	<i>P25</i>	<i>P50 (Mdn)</i>	<i>P75</i>	<i>P90</i>
<b>Public</b>									
<b>Budgeted funds from sponsoring institution</b>									
25 or fewer students	8	525,141	525,141	417,106	17,641	92,264	644,659	852,152	957,000
26 – 50 students	30	1,039,454	1,018,693	626,579	195,564	445,257	1,094,256	1,502,313	1,785,514
51 – 75 students	10	1,056,475	1,026,332	876,240	144,862	313,485	918,353	1,760,309	2,170,593
Subtotal	50	991,794	925,196	756,126	119,472	259,436	944,802	1,502,313	1,981,500
<b>Tuition and fees received directly by the program</b>									
25 or fewer students	5	503,134	503,134	492,808	156,856	215,280	276,830	575,653	1,028,261
26 – 50 students	23	1,188,149	1,106,697	1,024,677	49,386	334,690	1,059,598	1,924,407	2,477,170
51 – 75 students	6	2,304,326	2,304,326	3,378,959	129,368	194,050	297,111	3,812,252	6,486,500
Subtotal	37	1,476,990	1,067,975	2,004,816	62,193	215,280	730,479	2,064,000	3,041,043
<b>Total budget</b>									
25 or fewer students	24	389,093	349,655	396,064	5,070	25,708	225,547	644,494	972,123
26 – 50 students	76	852,089	756,183	799,363	30,950	151,746	714,353	1,379,682	2,006,378
51 – 75 students	40	832,998	495,856	1,524,927	9,710	34,371	267,107	1,307,944	2,143,866
76 – 100 students	6	1,531,260	1,531,260	1,621,956	24,325	71,817	1,314,206	2,907,725	3,255,250
Subtotal	67	851,247	625,431	1,233,756	14,849	61,098	393,557	1,222,502	2,095,418
<b>Private</b>									
<b>Budgeted funds from sponsoring institution</b>									
25 or fewer students	10	834,069	804,942	633,195	118,893	205,983	894,421	1,187,608	1,670,016
26 – 50 students	64	1,215,864	1,130,909	906,109	213,052	305,609	1,178,727	1,705,024	2,452,204
51 – 75 students	29	2,503,035	2,268,911	2,206,404	137,252	1,496,419	1,904,900	3,249,689	5,612,191
Subtotal	117	1,596,615	1,334,786	1,579,185	157,400	325,000	1,299,256	2,059,032	3,175,220
<b>Tuition and fees received directly by the program</b>									
25 or fewer students	6	784,193	784,193	683,601	39,661	232,242	770,270	1,205,690	1,542,647
26 – 50 students	35	2,459,651	2,467,560	1,402,699	203,074	1,672,385	2,557,500	3,336,759	4,188,920
51 – 75 students	8	3,217,314	3,217,314	3,774,299	54,850	77,470	2,274,373	5,294,469	6,936,313
76 – 100 students	5	6,093,616	6,093,616	3,477,101	2,287,282	2,699,162	8,052,424	8,099,731	9,002,332
Subtotal	59	2,696,647	2,389,763	2,357,907	76,590	906,270	2,293,000	3,611,266	5,456,365
<b>Total budget</b>									
25 or fewer students	23	595,215	533,272	622,923	27,673	95,340	195,066	1,069,670	1,593,481
26 – 50 students	129	1,285,546	1,128,957	1,287,169	18,884	127,109	1,119,650	2,100,000	3,196,613
51 – 75 students	48	2,147,853	1,780,876	2,471,789	66,910	154,732	1,602,136	3,158,461	5,532,692
76 – 100 students	20	2,559,797	2,091,183	3,168,365	27,250	65,131	1,725,831	2,876,529	8,057,155
Subtotal	147	1,525,741	1,172,919	1,869,813	29,789	126,582	1,073,814	2,203,920	3,617,015
<b>All programs</b>									
<b>Budgeted funds from sponsoring institution</b>									
25 or fewer students	18	696,768	671,035	555,742	74,747	128,592	722,463	1,007,727	1,336,500
26 – 50 students	94	1,159,563	1,084,035	827,914	204,904	311,500	1,170,857	1,571,780	2,283,305
51 – 75 students	39	2,132,122	1,864,777	2,044,120	137,252	426,425	1,814,953	2,467,123	5,070,632
76 – 100 students	10	2,372,939	1,985,546	2,189,773	191,184	973,294	2,066,346	2,914,147	3,869,477
Subtotal	167	1,415,531	1,186,805	1,410,188	151,335	304,218	1,180,730	1,885,100	2,887,814

**TABLE 17. SOURCES OF FINANCIAL SUPPORT BY AVERAGE CLASS SIZE AMONG PUBLIC AND PRIVATE PROGRAMS (\$) (continued)**

	<i>n</i>	<i>M</i>	<i>M (T)</i>	<i>SD</i>	<i>P10</i>	<i>P25</i>	<i>P50 (Mdn)</i>	<i>P75</i>	<i>P90</i>
<b>Tuition and fees received directly by the program</b>									
25 or fewer students	11	656,439	606,660	593,585	56,322	166,594	575,653	1,055,270	1,347,406
26 – 50 students	58	1,955,435	1,888,540	1,404,474	111,397	592,114	1,929,280	3,003,774	3,713,931
51 – 75 students	14	2,826,033	2,437,331	3,504,525	65,788	101,537	297,111	5,160,714	7,252,406
76 – 100 students	7	4,702,697	4,702,697	3,766,791	1,214,876	2,222,674	2,699,162	8,076,078	8,701,465
Subtotal	96	2,226,571	1,848,515	2,296,416	69,660	298,928	1,761,350	3,197,218	5,098,143
<b>Total budget</b>									
25 or fewer students	47	489,961	422,496	524,273	11,160	75,501	215,280	812,640	1,252,000
26 – 50 students	205	1,124,850	958,096	1,148,272	22,844	142,197	858,101	1,764,429	2,912,513
51 – 75 students	88	1,550,191	1,115,332	2,185,555	26,510	82,570	375,898	2,145,848	4,950,407
76 – 100 students	26	2,322,442	1,938,789	2,889,764	26,250	46,660	1,725,831	2,914,147	7,873,722
Subtotal	214	1,264,130	930,841	1,683,089	21,084	115,317	652,488	1,800,180	3,141,280

Note: Subgroups with fewer than 5 programs reporting dollar amounts were excluded. Therefore, subgroup “n”s may not sum to the subtotal “n”s.

**TABLE 18. SOURCES OF FINANCIAL SUPPORT BY ACADEMIC HEALTH CENTER STATUS (\$)**

	% Reporting	<i>n</i>	<i>M</i>	<i>M (T)</i>	<i>SD</i>	<i>P10</i>	<i>P25</i>	<i>P50 (Mdn)</i>	<i>P75</i>	<i>P90</i>	Mean % of Budget
<b>Academic Health Center</b>											
Budgeted funds from sponsoring institution	63.5	40	1,693,772	1,331,451	1,894,080	148,955	656,836	1,328,168	1,855,693	3,011,027	71.5
Clinical practice income	12.7	8	67,696	67,696	84,218	13,514	29,695	42,517	56,939	133,056	2.6
Endowment	14.3	9	397,399	397,399	1,002,104	4,083	30,000	75,000	112,780	740,676	6.3
Federal grant/contract	11.1	7	246,320	246,320	229,781	48,000	74,775	150,420	373,135	521,031	5.2
Private donations and gifts	15.9	10	51,187	32,322	78,498	6,690	9,925	15,375	43,741	135,421	0.8
State appropriations	23.8	15	674,789	666,398	467,867	112,626	349,473	527,235	1,030,831	1,320,110	49.1
Tuition and fees received directly by the program	58.7	37	2,516,964	2,158,799	2,669,426	45,693	330,008	1,858,560	3,630,847	6,333,971	66.0
<b>Total budget</b>	-	<b>63</b>	<b>2,820,847</b>	<b>2,393,114</b>	<b>2,488,724</b>	<b>719,088</b>	<b>1,234,481</b>	<b>1,832,831</b>	<b>3,291,698</b>	<b>7,181,141</b>	<b>100.0</b>
<b>Non-Academic Health Center</b>											
Budgeted funds from sponsoring institution	79.4	131	1,337,531	1,151,048	1,212,146	153,937	291,310	1,176,724	1,885,100	2,857,720	86.6
Endowment	4.8	8	39,643	39,643	45,384	3,370	7,043	25,446	47,594	103,776	2.8
Federal grant/contract	7.9	13	101,561	93,610	99,154	4,800	20,000	63,821	184,354	237,503	7.3
Private donations and gifts	6.7	11	48,782	40,316	60,824	1,800	2,797	13,500	80,237	127,109	5.3
Private foundation	3.6	6	160,857	160,857	131,111	25,500	47,500	147,533	273,767	309,537	13.0
State appropriations	3.0	5	903,426	903,426	706,558	452,240	468,575	719,591	745,070	1,583,554	41.5
State grant/contract	3.6	6	87,286	87,286	60,874	24,453	39,375	85,500	114,000	151,904	5.2
Tuition and fees received directly by the program	37.6	62	2,040,517	1,735,216	1,993,410	80,088	328,109	1,718,986	2,916,644	3,955,883	75.2
<b>Total budget</b>	-	<b>165</b>	<b>1,878,615</b>	<b>1,664,151</b>	<b>1,550,613</b>	<b>245,516</b>	<b>923,555</b>	<b>1,549,570</b>	<b>2,472,863</b>	<b>3,612,903</b>	<b>100.0</b>

Note: Sources with fewer than 5 programs reporting dollar amounts were excluded.

**TABLE 19. SOURCES OF FINANCIAL SUPPORT BY ADMINISTRATIVE HOUSING (\$)**

	<i>n</i>	<i>M</i>	<i>M (T)</i>	<i>SD</i>	<i>P10</i>	<i>P25</i>	<i>P50 (Mdn)</i>	<i>P75</i>	<i>P90</i>	<b>Mean % of Budget</b>
<b>College of Arts and Sciences</b>										
Budgeted funds from sponsoring institution	7	708,680	708,680	588,672	121,701	209,139	644,991	1,239,993	1,346,516	79.6
<b>Total budget</b>	<b>8</b>	<b>556,574</b>	<b>511,943</b>	<b>622,534</b>	<b>1,518</b>	<b>76,169</b>	<b>209,139</b>	<b>1,210,362</b>	<b>1,415,741</b>	<b>100.0</b>
<b>College of Graduate and Professional Studies</b>										
Budgeted funds from sponsoring institution	7	1,583,596	1,583,596	1,165,240	267,028	751,400	1,593,745	2,085,484	2,794,348	74.0
Tuition and fees received directly by the program	6	1,675,982	1,675,982	1,515,022	197,184	548,820	1,369,603	2,586,522	3,461,160	73.6
<b>Total budget</b>	<b>10</b>	<b>1,105,698</b>	<b>909,904</b>	<b>1,254,693</b>	<b>20,431</b>	<b>115,768</b>	<b>392,805</b>	<b>1,669,050</b>	<b>3,022,171</b>	<b>100.0</b>
<b>College/School of Medicine</b>										
Budgeted funds from sponsoring institution	24	1,788,636	1,457,837	2,026,037	116,201	542,438	1,283,984	2,476,796	3,372,852	65.8
Tuition and fees received directly by the program	23	2,657,906	2,343,815	2,312,099	61,581	1,009,374	2,162,115	3,487,911	4,868,200	70.8
<b>Total budget</b>	<b>37</b>	<b>1,273,849</b>	<b>892,140</b>	<b>1,881,472</b>	<b>10,200</b>	<b>49,375</b>	<b>375,632</b>	<b>1,862,400</b>	<b>3,331,105</b>	<b>100.0</b>
<b>Department of PA Studies/PA Program</b>										
Budgeted funds from sponsoring institution	28	1,638,704	1,329,160	1,812,764	191,342	347,246	1,300,438	1,807,608	3,469,616	90.2
Tuition and fees received directly by the program	16	2,497,567	2,456,790	1,951,252	77,329	989,015	2,245,704	3,815,544	5,333,369	83.5
<b>Total budget</b>	<b>40</b>	<b>1,693,253</b>	<b>1,378,420</b>	<b>1,846,770</b>	<b>75,466</b>	<b>233,861</b>	<b>1,300,438</b>	<b>2,083,214</b>	<b>4,690,323</b>	<b>100.0</b>
<b>School of Allied Health/Health Professions/Health Sciences</b>										
Budgeted funds from sponsoring institution	98	1,310,504	1,150,945	1,154,090	153,412	302,827	1,170,857	1,894,616	2,542,752	85.0
Tuition and fees received directly by the program	47	2,020,316	1,566,347	2,382,892	108,584	297,111	1,347,406	2,909,760	4,080,962	69.9
<b>Total budget</b>	<b>125</b>	<b>1,204,935</b>	<b>920,452</b>	<b>1,566,507</b>	<b>25,446</b>	<b>141,445</b>	<b>719,927</b>	<b>1,759,649</b>	<b>2,909,760</b>	<b>100.0</b>

Note: Sources with fewer than 5 programs reporting dollar amounts were excluded.

## PROGRAM EXPENSES

Programs were asked to report their total, non-itemized expenses for the 2018–2019 fiscal year. In addition, programs were asked to indicate itemized expenses incurred during the 2018–2019 fiscal year, from a list of 22 expense categories. Programs were then asked to report dollar amounts for each selected category. Programs could provide up to five “Other” sources, which were recoded into existing categories when possible. A total of 234 programs reported dollar amounts. “**Total expenses**” refers to the sum of each program’s itemized expenses.

**TABLE 20. PROGRAM EXPENSES (\$)**

	% Reporting	n	M	M(T)	SD	P10	P25	P50 (Mdn)	P75	P90
ARC-PA/Accreditation	85.2	195	16,249	15,453	5,810	15,000	15,000	15,000	15,000	22,500
Building expenses (e.g., lease, rent, furniture, renovations)	31.9	73	129,980	79,806	213,946	1,093	4,527	29,566	136,256	392,040
Education equipment/texts (not including simulation products)	75.1	172	20,023	12,570	34,395	1,000	2,499	7,647	23,725	45,900
Events (e.g., whitecoat, graduation)	82.1	188	9,793	7,305	12,094	1,000	2,223	5,332	11,341	24,860
Exams/testing (e.g., PACKRAT/EOR)	81.2	186	15,069	11,425	21,070	2,710	6,030	10,000	15,965	28,775
Faculty development (e.g., conferences, coursework, advanced degree)	93.0	213	20,172	17,520	18,563	5,080	9,788	16,000	25,000	39,818
Faculty fringe benefits	67.7	155	252,528	236,687	170,751	48,918	145,074	231,604	325,108	463,977
Faculty salaries (excluding fringe benefits)	94.3	216	909,758	863,031	414,036	498,500	611,265	835,682	1,081,657	1,436,072
Institution tax	16.6	38	862,053	645,054	1,209,335	900	53,458	280,677	1,115,143	2,232,500
IT (e.g., hardware, databases, clinical tracking, other software)	75.1	172	21,454	17,201	22,870	3,173	6,980	13,571	27,002	53,283
Laboratory supplies	85.6	196	20,800	14,798	31,436	1,350	4,742	10,000	23,800	51,000
Marketing and student recruitment	48.9	112	6,903	5,273	9,097	500	1,059	3,752	10,000	19,661
Office expenses (e.g., supplies, printing)	92.6	212	12,977	8,916	18,695	2,000	3,200	7,026	14,161	29,907
Payment for didactic instruction not included in faculty salaries	76.0	174	57,651	41,886	73,932	3,054	8,550	35,300	75,000	139,208
Payment for student housing and travel to remote clinical training sites	18.3	42	43,602	32,951	59,580	3,839	9,108	17,725	63,938	109,028
Payment for supervised clinical practice (sites and/or clinical preceptors)	41.0	94	200,811	147,644	268,346	14,300	32,985	121,450	278,250	380,694
Program membership/association fees and dues (including PAEA)	89.5	205	10,094	8,526	8,357	4,100	4,380	6,500	12,885	21,236
Simulation activities (excluding capital and standardized patients)	34.5	79	29,400	18,855	47,194	940	5,000	11,940	31,857	71,280
Staff fringe benefits	69.4	159	70,600	50,140	106,510	10,094	20,173	40,000	79,939	151,528
Staff salaries (excluding fringe benefits)	91.3	209	179,043	150,321	184,047	44,840	86,450	133,181	218,703	327,893
Standardized patients	60.3	138	12,338	10,157	12,678	2,129	4,340	7,040	17,375	27,748
Travel (not faculty development)	71.2	163	16,066	9,591	28,941	1,000	2,475	7,341	15,484	29,927
Other	27.9	64	266,016	104,472	673,488	4,579	13,767	58,425	190,627	457,536
<b>Total expenses</b>	<b>100.0</b>	<b>229</b>	<b>1,789,793</b>	<b>1,573,290</b>	<b>1,336,477</b>	<b>725,285</b>	<b>1,091,685</b>	<b>1,497,398</b>	<b>2,024,248</b>	<b>3,147,430</b>

Note: Sources with fewer than 5 programs reporting dollar amounts were excluded.

The average institutional fringe rate for faculty salaries was 25.2% (n = 220, SD = 11.9, Mdn = 27.0).

**TABLE 21. PROGRAM EXPENSES AMONG PRIVATE AND PUBLIC PROGRAMS (\$)**

	% Reporting	n	M	M (T)	SD	P10	P25	P50 (Mdn)	P75	P90
<b>Public</b>										
ARC-PA/Accreditation	82.4	56	16,429	15,400	6,514	15,000	15,000	15,000	15,000	22,500
Building expenses (e.g., lease, rent, furniture, renovations)	20.6	14	198,671	153,330	322,519	5,122	6,029	58,015	162,767	745,202
Education equipment/texts (not including simulation products)	77.9	53	21,375	12,474	39,217	800	2,000	7,413	28,138	42,355
Events (e.g., whitecoat, graduation)	82.4	56	8,033	5,779	10,417	1,000	2,000	5,000	8,410	19,291
Exams/testing (e.g., PACKRAT/EOR)	77.9	53	13,391	10,661	13,705	2,720	7,210	10,000	13,458	23,740
Faculty development (e.g., conferences, coursework, advanced degree)	91.2	62	20,117	16,728	24,149	6,373	9,850	15,171	23,901	34,600
Faculty fringe benefits	63.2	43	263,142	245,322	166,109	109,447	148,684	235,131	355,058	464,760
Faculty salaries (excluding fringe benefits)	98.5	67	890,173	827,607	506,101	455,967	553,741	734,098	1,090,314	1,454,295
Institution tax	19.1	13	230,983	173,957	320,144	294	19,066	100,000	241,375	609,647
IT (e.g., hardware, databases, clinical tracking, other software)	77.9	53	19,104	13,650	23,943	2,564	5,000	10,565	23,300	34,328
Laboratory supplies	82.4	56	19,890	11,116	44,538	459	2,500	6,850	17,179	48,749
Marketing and student recruitment	45.6	31	4,895	4,085	5,195	290	1,100	2,397	7,125	11,519
Office expenses (e.g., supplies, printing)	88.2	60	16,084	10,058	26,135	2,000	3,000	7,312	15,362	30,307
Payment for didactic instruction not included in faculty salaries	63.2	43	38,979	31,428	45,497	2,000	5,142	22,465	56,451	107,400
Payment for student housing and travel to remote clinical training sites	10.3	7	50,178	50,178	50,065	5,800	10,694	22,000	88,294	108,507
Payment for supervised clinical practice (sites and/or clinical preceptors)	13.2	9	161,647	161,647	160,394	43,000	54,700	59,999	300,000	347,320
Program membership/association fees and dues (including PAEA)	91.2	62	8,944	7,231	8,430	4,100	4,275	4,795	10,559	19,900
Simulation activities (excluding capital and standardized patients)	29.4	20	38,665	20,197	68,686	2,290	5,054	8,750	40,500	87,864
Staff fringe benefits	70.6	48	90,741	49,878	169,865	15,695	18,168	35,467	75,910	155,230
Staff salaries (excluding fringe benefits)	95.6	65	190,763	142,071	267,170	34,663	61,923	120,349	230,856	341,589
Standardized patients	58.8	40	11,273	8,551	12,084	2,895	5,000	7,191	13,020	24,673
Travel (not faculty development)	69.1	47	14,978	8,188	32,394	1,000	2,000	5,122	13,899	27,178
Other	20.6	14	207,397	74,531	524,176	1,672	9,946	38,689	161,038	204,330
<b>Total expenses</b>	<b>100.0</b>	<b>68</b>	<b>1,618,639</b>	<b>1,425,746</b>	<b>1,237,433</b>	<b>693,991</b>	<b>1,008,114</b>	<b>1,336,278</b>	<b>1,927,785</b>	<b>2,421,204</b>
<b>Private</b>										
ARC-PA/Accreditation	85.6	131	16,210	15,526	5,676	15,000	15,000	15,000	15,000	22,500
Building expenses (e.g., lease, rent, furniture, renovations)	35.3	54	100,494	61,365	173,755	756	2,954	24,500	103,293	305,587
Education equipment/texts (not including simulation products)	72.5	111	18,128	11,752	30,882	1,178	2,799	7,125	20,173	45,000
Events (e.g., whitecoat, graduation)	83.0	127	10,728	8,179	12,897	1,000	2,322	6,215	14,938	25,227
Exams/testing (e.g., PACKRAT/EOR)	82.4	126	16,150	12,069	23,886	2,916	6,445	10,075	17,652	30,305
Faculty development (e.g., conferences, coursework, advanced degree)	93.5	143	19,831	17,559	15,755	5,000	8,817	16,000	25,197	40,319
Faculty fringe benefits	69.3	106	246,264	228,907	175,505	45,022	132,358	214,433	315,553	462,774
Faculty salaries (excluding fringe benefits)	92.8	142	916,774	874,715	373,799	546,003	634,588	860,132	1,078,201	1,433,557
Institution tax	15.7	24	1,239,799	1,024,873	1,375,837	24,164	182,995	754,664	1,937,321	2,679,566
IT (e.g., hardware, databases, clinical tracking, other software)	73.9	113	22,541	18,903	22,525	3,568	8,004	14,997	30,000	53,019



**TABLE 21. PROGRAM EXPENSES AMONG PRIVATE AND PUBLIC PROGRAMS (\$) (continued)**

	% Reporting	n	M	M (T)	SD	P10	P25	P50 (Mdn)	P75	P90
Laboratory supplies	86.3	132	21,412	16,552	24,679	2,001	5,245	12,500	29,989	51,900
Marketing and student recruitment	49.0	75	7,828	6,076	10,345	500	1,039	4,000	10,000	20,000
Office expenses (e.g., supplies, printing)	94.1	144	11,877	8,542	15,037	1,714	3,200	6,986	13,913	26,336
Payment for didactic instruction not included in faculty salaries	82.4	126	64,760	47,102	81,659	3,965	10,375	38,250	77,915	163,797
Payment for student housing and travel to remote clinical training sites	20.9	32	44,965	32,969	64,099	2,182	9,423	17,725	59,813	107,221
Payment for supervised clinical practice (sites and/or clinical preceptors)	54.2	83	205,643	147,649	279,838	11,400	31,000	122,900	263,290	381,230
Program membership/association fees and dues (including PAEA)	88.2	135	10,831	9,351	8,443	4,110	4,715	7,616	14,041	23,200
Simulation activities (excluding capital and standardized patients)	35.9	55	26,375	18,392	37,344	1,110	5,000	14,648	29,223	62,400
Staff fringe benefits	68.0	104	60,365	49,091	60,000	9,720	20,259	41,503	79,852	128,018
Staff salaries (excluding fringe benefits)	89.5	137	169,095	150,430	128,237	55,128	89,783	142,000	216,315	310,422
Standardized patients	60.1	92	12,919	10,821	13,245	2,018	3,535	7,040	20,275	28,043
Travel (not faculty development)	71.2	109	15,383	9,996	25,635	1,000	3,130	8,600	15,415	29,062
Other	29.4	45	296,888	115,921	748,893	5,840	17,198	58,470	195,961	453,578
<b>Total expenses</b>	<b>100.0</b>	<b>153</b>	<b>1,861,154</b>	<b>1,631,525</b>	<b>1,399,373</b>	<b>763,771</b>	<b>1,107,824</b>	<b>1,537,607</b>	<b>2,052,494</b>	<b>3,287,396</b>

**TABLE 22. PROGRAM EXPENSES BY ACADEMIC HEALTH CENTER STATUS (\$)**

	% Reporting	n	M	M (T)	SD	P10	P25	P50 (Mdn)	P75	P90
<b>Academic Health Center</b>										
ARC-PA/Accreditation	79.4	50	15,953	15,000	6,066	15,000	15,000	15,000	15,000	15,012
Building expenses (e.g., lease, rent, furniture, renovations)	33.3	21	198,166	141,537	290,446	1,111	5,426	75,000	249,405	745,080
Education equipment/texts (not including simulation products)	73.0	46	14,390	7,110	33,725	492	1,613	3,597	10,383	30,193
Events (e.g., whitecoat, graduation)	79.4	50	15,393	11,750	18,264	1,881	3,156	7,000	20,000	41,023
Exams/testing (e.g., PACKRAT/EOR)	81.0	51	15,461	12,295	16,166	2,475	4,260	10,000	20,100	34,440
Faculty development (e.g., conferences, coursework, advanced degree)	93.7	59	27,242	22,995	27,326	8,416	10,034	20,842	33,000	57,525
Faculty fringe benefits	74.6	47	294,772	286,068	160,878	109,675	198,864	269,838	385,366	479,335
Faculty salaries (excluding fringe benefits)	100.0	63	1,064,552	1,002,257	530,386	559,199	692,972	948,834	1,297,223	1,645,334
Institution tax	36.5	23	847,958	586,080	1,322,591	294	30,151	230,021	1,106,513	2,245,000
IT (e.g., hardware, databases, clinical tracking, other software)	77.8	49	25,912	20,096	30,877	2,950	7,000	14,957	30,000	62,032
Laboratory supplies	76.2	48	13,937	9,330	21,179	235	2,280	6,039	15,054	34,629
Marketing and student recruitment	49.2	31	9,005	6,404	13,051	500	1,157	5,000	10,728	19,618
Office expenses (e.g., supplies, printing)	90.5	57	15,435	10,967	20,986	2,000	3,900	8,000	15,413	30,132
Payment for didactic instruction not included in faculty salaries	63.5	40	72,833	59,752	79,198	2,450	5,830	41,895	112,183	184,362
Payment for student housing and travel to remote clinical training sites	27.0	17	51,989	36,539	82,125	5,555	12,935	19,000	49,563	118,638
Payment for supervised clinical practice (sites and/or clinical preceptors)	14.3	9	168,700	168,700	155,131	42,000	50,071	117,111	220,500	365,078

**TABLE 22. PROGRAM EXPENSES BY ACADEMIC HEALTH CENTER STATUS (\$) (continued)**

	% Reporting	n	M	M (T)	SD	P10	P25	P50 (Mdn)	P75	P90
Program membership/association fees and dues (including PAEA)	85.7	54	9,543	7,982	8,413	4,000	4,275	5,014	10,750	20,608
Simulation activities (excluding capital and standardized patients)	41.3	26	50,355	38,032	72,165	575	4,863	18,844	53,552	159,447
Staff fringe benefits	76.2	48	109,916	70,654	168,659	20,125	30,993	56,687	103,157	171,013
Staff salaries (excluding fringe benefits)	95.2	60	243,613	192,120	282,045	46,886	108,476	179,055	275,586	447,087
Standardized patients	55.6	35	18,705	16,124	18,277	3,000	5,000	13,320	24,908	41,200
Travel (not faculty development)	66.7	42	21,244	13,423	36,064	615	3,075	8,083	24,926	49,769
Other	39.7	25	502,701	289,069	1,024,437	3,007	18,998	102,318	205,589	1,941,761
<b>Total expenses</b>	<b>100.0</b>	<b>63</b>	<b>2,435,799</b>	<b>2,048,406</b>	<b>1,971,845</b>	<b>882,004</b>	<b>1,213,668</b>	<b>1,857,320</b>	<b>2,677,553</b>	<b>4,615,400</b>
<b>Non-Academic Health Center</b>										
ARC-PA/Accreditation	87.3	145	16,351	15,681	5,737	15,000	15,000	15,000	15,000	22,500
Building expenses (e.g., lease, rent, furniture, renovations)	31.3	52	102,443	64,267	169,856	1,065	4,414	27,283	107,793	305,596
Education equipment/texts (not including simulation products)	75.9	126	22,079	14,968	34,539	1,347	3,318	9,900	26,404	49,007
Events (e.g., whitecoat, graduation)	83.1	138	7,764	6,382	8,047	1,000	2,199	5,000	10,464	17,150
Exams/testing (e.g., PACKRAT/EOR)	81.3	135	14,921	11,164	22,701	2,899	6,490	10,000	14,875	27,037
Faculty development (e.g., conferences, coursework, advanced degree)	92.8	154	17,463	15,862	12,952	4,206	8,141	15,000	22,616	35,739
Faculty fringe benefits	65.1	108	234,144	214,587	172,368	43,548	129,728	201,645	302,500	440,768
Faculty salaries (excluding fringe benefits)	92.2	153	846,020	809,714	337,212	491,800	600,000	782,899	1,021,600	1,299,814
Institution tax	9.0	15	883,665	731,241	1,056,176	27,034	125,359	476,170	1,315,638	2,037,314
IT (e.g., hardware, databases, clinical tracking, other software)	74.1	123	19,678	16,537	18,623	3,206	7,025	13,417	24,289	46,635
Laboratory supplies	89.2	148	23,025	16,846	33,869	2,000	5,202	11,922	30,178	53,800
Marketing and student recruitment	48.8	81	6,098	4,838	6,969	500	1,078	3,500	8,542	19,666
Office expenses (e.g., supplies, printing)	93.4	155	12,073	8,315	17,767	1,880	3,082	7,000	13,942	25,000
Payment for didactic instruction not included in faculty salaries	80.7	134	53,119	37,374	71,977	3,724	9,304	34,250	65,000	121,671
Payment for student housing and travel to remote clinical training sites	15.1	25	37,899	33,520	38,524	2,728	8,950	16,950	66,000	89,835
Payment for supervised clinical practice (sites and/or clinical preceptors)	51.2	85	204,211	147,565	278,048	14,400	30,000	122,900	279,000	380,158
Program membership/association fees and dues (including PAEA)	91.0	151	10,291	8,726	8,356	4,110	4,500	6,635	12,943	21,659
Simulation activities (excluding capital and standardized patients)	31.9	53	19,120	14,596	22,582	1,055	5,000	10,000	27,000	45,032
Staff fringe benefits	66.9	111	53,599	41,754	56,343	10,000	17,147	35,000	67,497	113,073
Staff salaries (excluding fringe benefits)	89.8	149	153,041	136,884	116,287	44,840	76,700	125,000	195,596	293,859
Standardized patients	62.0	103	10,174	8,789	9,267	2,000	3,937	6,000	14,772	24,725
Travel (not faculty development)	72.9	121	14,269	8,840	25,956	1,000	2,241	7,000	14,398	26,180
Other	23.5	39	114,295	83,168	169,392	6,680	12,364	34,093	129,036	354,775
<b>Total expenses</b>	<b>100.0</b>	<b>166</b>	<b>1,544,622</b>	<b>1,430,341</b>	<b>887,320</b>	<b>704,811</b>	<b>1,030,284</b>	<b>1,364,291</b>	<b>1,817,769</b>	<b>2,806,082</b>

## PAYMENT FOR CLINICAL SITES

FIGURE 7. TRENDS IN PAYMENT FOR CLINICAL SITES, 2012-2019

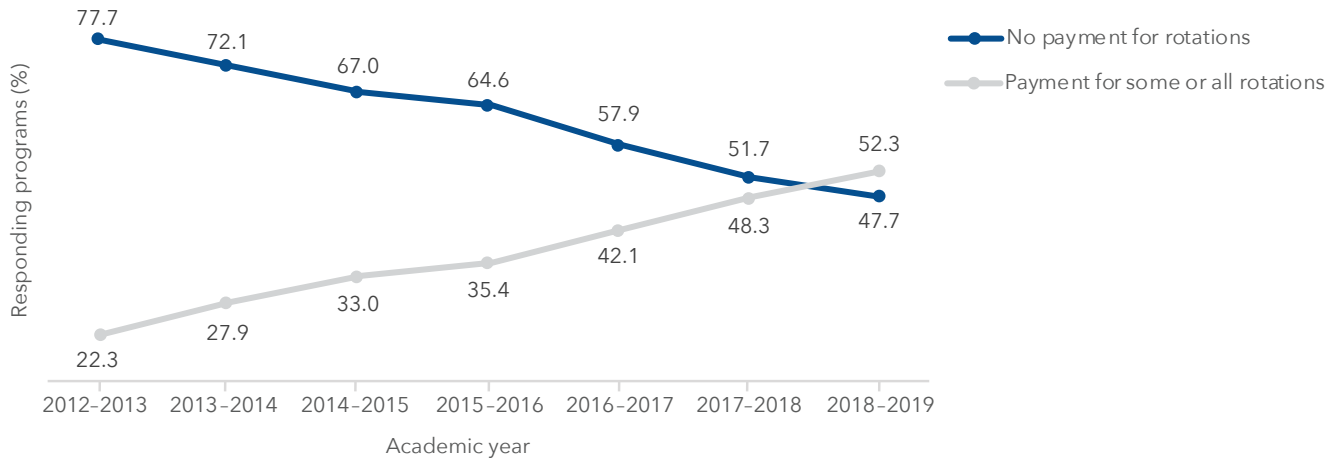
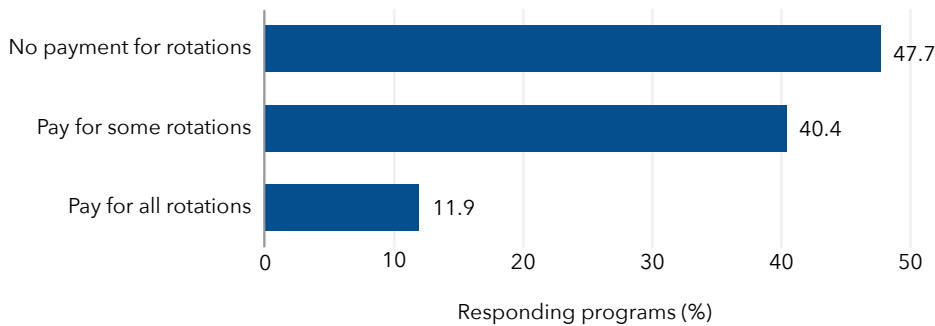


FIGURE 8. PROGRAM PAYMENT FOR CLINICAL SITES



For the first time, more than half of responding programs reported paying for some or all rotations. This percentage may have changed since data collection closed due to disruptions caused by the COVID-19 pandemic. PAEA members are encouraged to read our limited series of [COVID-19 Rapid Response Reports](#) for information on how the pandemic impacted the availability of clinical sites.

FIGURE 9. PAYMENT TO CLINICAL SITES AMONG PUBLIC AND PRIVATE PROGRAMS

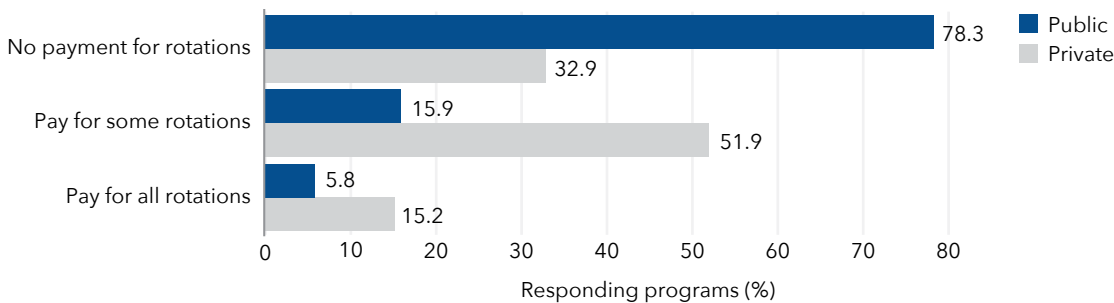
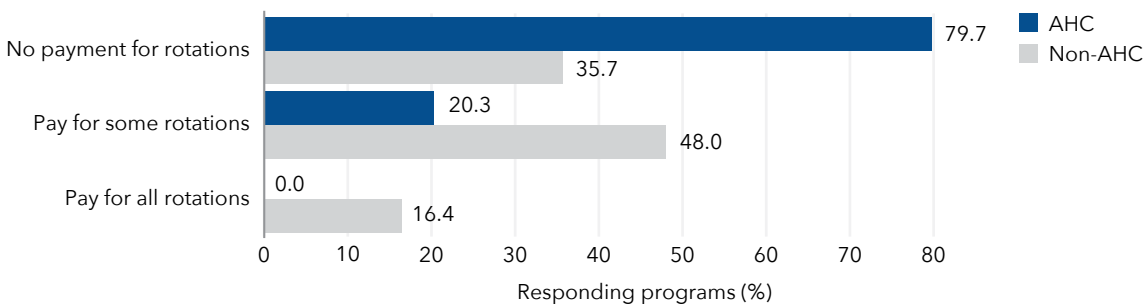


FIGURE 10. DIFFERENCES IN RATES OF PAYMENT TO CLINICAL SITES BY ACADEMIC HEALTH CENTER STATUS



**TABLE 23. PAYMENT FOR CLINICAL SITES BY GEOGRAPHIC LOCATION**

	<i>n</i>	% Paying
<b>Northeast Region</b>		
New England Division	19	89.5
Middle Atlantic Division	47	59.6
Subtotal	66	68.2
<b>Midwest Region</b>		
East North Central Division	35	42.9
West North Central Division	17	41.2
Subtotal	52	42.3
<b>South Region</b>		
South Atlantic Division	51	56.9
East South Central Division	15	60.0
West South Central Division	17	5.9
Subtotal	83	47.0
<b>West Region</b>		
Mountain Division	15	46.7
Pacific Division	19	52.6
Subtotal	34	50.0
<b>Total</b>	<b>235</b>	<b>52.3</b>

Note: “*n*” represents the number of programs in each Census Region and Division that reported their clinical site payment arrangement. “% paying” represents the proportion of programs in that Census Region or Division that reported paying for some or all clinical rotations.

**TABLE 24. RECIPIENTS OF CLINICAL ROTATION PAYMENTS**

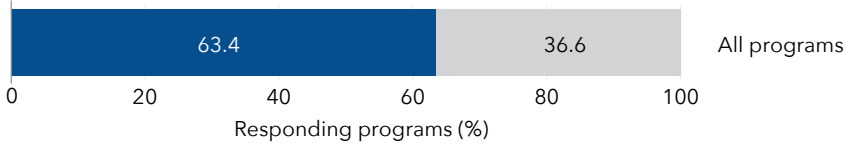
	<i>n</i>	%
Individual preceptor(s)	106	93.0
Clinic(s) or practice(s)	97	85.1
Hospital	67	58.8
Health system	52	45.6
Hospital department (e.g., surgery, pediatrics, etc.)	32	28.1
Hospital Department of Medical Education	12	10.5

Note: Only programs that reported paying for some or all clinical sites and/or preceptors were asked to report the recipients of their payments. Percentages may sum to more than 100% because programs could indicate multiple recipients.

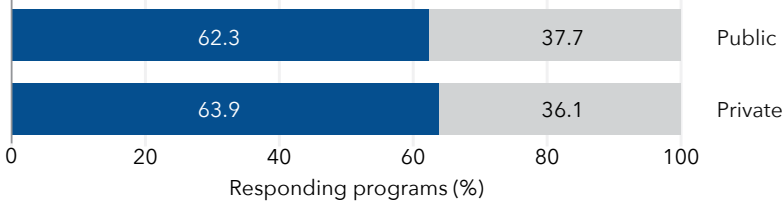
**TABLE 25. AVERAGE COST PER STUDENT PER WEEK FOR CLINICAL SITES PAID BY PROGRAMS (\$)**

	<i>n</i>	<i>M</i>	<i>M</i> (T)	<i>SD</i>	<i>P</i> 10	<i>P</i> 25	<i>P</i> 50 ( <i>Mdn</i> )	<i>P</i> 75	<i>P</i> 90
<b>Type of institution</b>									
Public	15	269	232	248	60	100	250	338	484
Private	106	296	155	1,253	71	100	146	200	317
<b>Academic Health Center status</b>									
AHC	13	260	213	261	66	124	173	250	507
Non-AHC	110	294	157	1,230	60	100	150	224	340
<b>Overall</b>	<b>123</b>	<b>291</b>	<b>162</b>	<b>1,165</b>	<b>60</b>	<b>100</b>	<b>150</b>	<b>240</b>	<b>395</b>

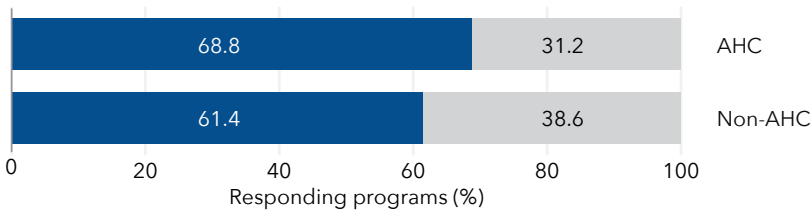
**FIGURE 11. STUDENT PLACEMENTS AT REMOTE CLINICAL SITES**



**FIGURE 12. STUDENT PLACEMENTS AT REMOTE CLINICAL SITES AMONG PUBLIC AND PRIVATE PROGRAMS**



**FIGURE 13. STUDENT PLACEMENTS AT REMOTE CLINICAL SITES BY ACADEMIC HEALTH CENTER STATUS**



■ Students placed at remote clinical sites  
 ■ No students placed at remote clinical sites

**TABLE 26. STUDENTS' OUT-OF-POCKET EXPENSES FOR REMOTE CLINICAL SITES (\$)**

	<i>n</i>	<i>M</i>	<i>M (T)</i>	<i>SD</i>	<i>P10</i>	<i>P25</i>	<i>P50 (Mdn)</i>	<i>P75</i>	<i>P90</i>
<b>Type of institution</b>									
Public	33	3,078	2,006	4,437	320	750	1,500	3,500	6,200
Private	78	3,703	2,288	6,943	500	1,000	1,500	3,750	10,000
<b>Academic Health Center status</b>									
AHC	31	1,931	1,374	2,763	250	450	1,200	2,450	3,000
Non-AHC	83	4,171	2,710	7,031	500	1,000	1,500	5,000	10,400
<b>Overall</b>	<b>114</b>	<b>3,562</b>	<b>2,240</b>	<b>6,237</b>	<b>430</b>	<b>1,000</b>	<b>1,500</b>	<b>3,875</b>	<b>9,880</b>

*Programs were asked to report the average out-of-pocket housing expenses incurred by only those students placed at remote clinical sites. 35 additional programs reported that they had students placed at remote clinical sites but reported \$0 or \$1 of out-of-pocket student expenses; these programs were excluded from this table.*

**TUITION, STUDENT FEES & INCIDENTAL COSTS**

In this section, tuition is defined as the “estimated current total tuition that each student will incur for the entire length of the graduate, professional phase of the PA program, excluding fees.” One of the 157 private (0.6%) and 59 of the 69 public (85.5%) responding programs reported having separate tuition rates for resident and non-resident students. Therefore, resident and non-resident tuition are reported for public programs only and standard tuition is reported for private programs only.

**TABLE 27. TUITION (\$)**

	<i>n</i>	<i>M</i>	<i>M (T)</i>	<i>SD</i>	<i>P10</i>	<i>P25</i>	<i>P50 (Mdn)</i>	<i>P75</i>	<i>P90</i>
<b>Public</b>									
Resident/In-state tuition	58	52,585	51,583	17,763	31,681	37,490	53,131	64,606	75,815
Non-resident/Out-of-state tuition	59	93,313	90,573	25,908	65,919	74,361	87,750	105,352	135,200
<b>Private</b>									
Standard tuition	154	95,058	93,376	18,154	79,000	84,244	92,175	102,779	115,395



**TABLE 28. TRENDS IN AVERAGE PA SCHOOL TUITION, 2013-2019**

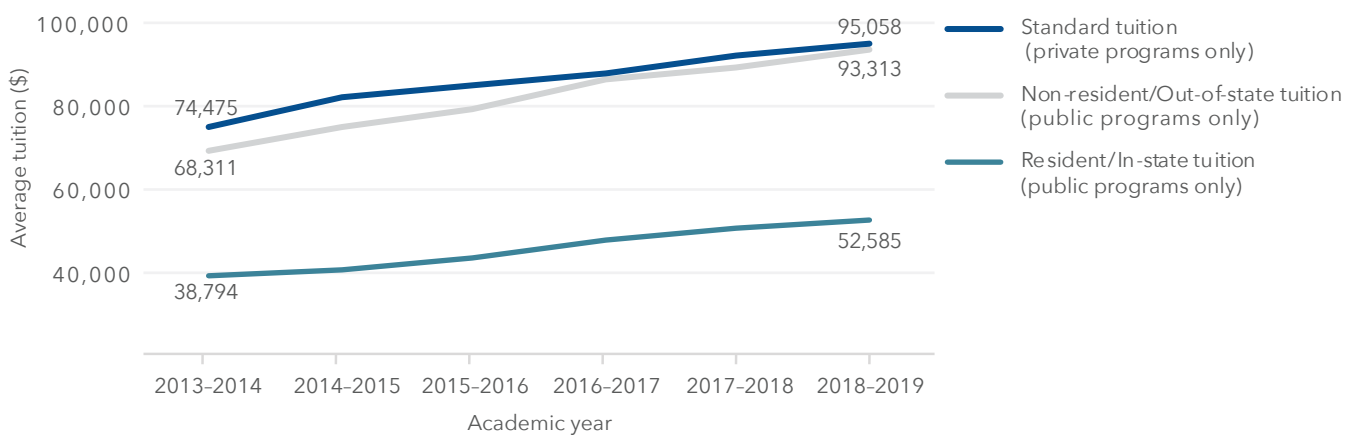
	2013-2014		2014-2015			2015-2016		
	<i>n</i>	<i>M</i> (\$)	<i>n</i>	<i>M</i> (\$)	% Increase	<i>n</i>	<i>M</i> (\$)	% Increase
<b>Public</b>								
Resident/In-state tuition	58	38,794	56	40,918	5.5	60	43,550	6.4
Non-resident/Out-of-state tuition	58	68,311	56	74,607	9.2	60	78,214	4.8
<b>Private</b>								
Standard tuition	107	74,475	108	81,555	9.5	137	84,349	3.4

	2016-2017			2017-2018			2018-2019		
	<i>n</i>	<i>M</i> (\$)	% Increase	<i>n</i>	<i>M</i> (\$)	% Increase	<i>n</i>	<i>M</i> (\$)	% Increase
<b>Public</b>									
Resident/In-state tuition	62	47,886	10.0	62	50,289	5.0	58	52,585	4.6
Non-resident/Out-of-state tuition	62	85,401	9.2	62	88,677	3.8	59	93,313	5.2
<b>Private</b>									
Standard tuition	144	87,160	3.3	160	91,630	5.1	154	95,058	3.7

Note: "% increase" represents the percentage of increase in tuition from the previous academic year.

**FIGURE 14. TRENDS IN AVERAGE PA SCHOOL TUITION, 2013-2019**



**TABLE 29. ITEMIZED STUDENT FEES COLLECTED BY THE INSTITUTION/PROGRAM (\$)**

	% Reporting	<i>n</i>	<i>M</i>	<i>M</i> (T)	<i>SD</i>	<b>P10</b>	<b>P25</b>	<b>P50 (Mdn)</b>	<b>P75</b>	<b>P90</b>
ACLS/BLS/PALS/POCUS/Simulation fees, etc.	44.4	60	299	276	187	148	191	245	350	527
Application and/or graduation fees	66.7	90	257	161	380	50	66	125	248	551
Association dues	31.1	42	177	108	302	46	75	100	141	271
Background check	57.0	77	113	99	87	38	50	91	150	230
Clinical fee(s)	26.7	36	2,842	2,478	3,350	90	333	1,200	4,600	8,650
Clinical site costs/transportation	21.5	29	1,812	1,577	1,880	196	500	1,200	2,500	5,000
Computer/IT/Software	59.3	80	1,067	966	844	155	424	930	1,511	2,016
Drug screening	44.4	60	72	63	52	30	40	50	90	122
Equipment (e.g., stethoscope, lab coat)	67.4	91	1,074	1,005	544	561	798	928	1,258	1,737
Fees for tests/assessments	29.6	40	519	341	859	89	245	308	466	699
Health services fees	31.9	43	2,244	1,626	2,921	230	320	945	3,062	5,780
Laboratory fee(s)	48.1	65	867	609	1,184	88	210	480	1,000	2,078
Liability insurance	22.2	30	271	140	648	15	41	118	233	399
Parking	34.1	46	351	294	365	50	95	243	503	700
Student services fee(s)	47.4	64	1,795	1,447	2,012	111	379	907	2,953	4,883
Textbooks	54.1	73	1,705	1,602	1,106	500	1,000	1,500	2,410	3,378
Other	40.7	55	4,369	3,122	6,390	173	550	2,044	5,880	10,316
<b>Total fees</b>	-	<b>135</b>	<b>7,978</b>	<b>7,153</b>	<b>6,523</b>	<b>1,608</b>	<b>3,314</b>	<b>6,395</b>	<b>10,958</b>	<b>15,624</b>

*135 programs (57.4%) provided detailed, itemized student fees collected by their institution or program. "Total fees" represents the sum of all fees reported by these programs.*

**TABLE 30. ITEMIZED STUDENT FEES COLLECTED BY THE INSTITUTION/PROGRAM AMONG PUBLIC AND PRIVATE PROGRAMS (\$)**

	% Reporting	n	M	M (T)	SD	P10	P25	P50 (Mdn)	P75	P90
<b>Public</b>										
ACLS/BLS/PALS/POCUS/Simulation fees, etc.	57.5	23	243	223	107	150	175	225	245	349
Application and/or graduation fees	62.5	25	187	137	254	50	50	82	250	342
Association dues	32.5	13	104	97	67	31	75	100	125	141
Background check	65.0	26	101	91	73	45	55	86	121	161
Clinical fee(s)	20.0	8	440	440	668	44	80	219	423	929
Clinical site costs/transportation	17.5	7	1,500	1,500	957	300	1,000	1,500	2,250	2,500
Computer/IT/Software	55.0	22	960	892	767	164	289	790	1,483	2,000
Drug screening	52.5	21	71	67	37	40	45	60	80	120
Equipment (e.g., stethoscope, lab coat)	67.5	27	1,288	1,215	720	552	875	1,000	1,630	2,068
Fees for tests/assessments	40.0	16	665	367	1,304	90	189	298	407	951
Health services fees	40.0	16	1,791	1,338	2,729	213	302	702	1,131	5,566
Laboratory fee(s)	52.5	21	823	470	1,519	50	125	350	849	1,418
Liability insurance	32.5	13	105	89	129	8	15	45	150	308
Parking	50.0	20	312	294	249	48	94	273	486	686
Student services fee(s)	57.5	23	2,119	1,837	2,307	140	287	750	3,492	5,314
Textbooks	50.0	20	1,775	1,751	1,033	476	1,375	1,525	2,425	3,447
Other	47.5	19	6,482	4,976	9,154	224	880	3,757	6,968	12,624
<b>Total</b>	-	<b>40</b>	<b>8,930</b>	<b>7,434</b>	<b>9,252</b>	<b>1,401</b>	<b>2,389</b>	<b>6,243</b>	<b>12,036</b>	<b>19,631</b>
<b>Private</b>										
ACLS/BLS/PALS/POCUS/Simulation fees, etc.	38.0	35	321	305	208	108	200	300	410	570
Application and/or graduation fees	67.4	62	282	172	425	50	75	125	229	645
Association dues	31.5	29	210	129	357	49	75	100	150	450
Background check	54.3	50	121	106	94	35	50	100	150	251
Clinical fee(s)	28.3	26	3,521	3,289	3,492	245	625	1,500	6,850	8,803
Clinical site costs/transportation	21.7	20	1,727	1,329	2,077	198	500	800	2,125	5,000
Computer/IT/Software	62.0	57	1,092	981	874	150	450	950	1,500	2,064
Drug screening	41.3	38	73	63	60	30	35	49	90	140
Equipment (e.g., stethoscope, lab coat)	67.4	62	984	936	430	565	750	884	1,068	1,590
Fees for tests/assessments	25.0	23	427	363	348	106	250	310	475	622
Health services fees	26.1	24	2,705	2,106	3,182	286	315	1,641	3,690	6,006
Laboratory fee(s)	45.7	42	885	676	1,022	104	251	493	1,000	2,853
Liability insurance	18.5	17	398	209	841	58	85	150	280	563
Parking	27.2	25	388	299	444	54	93	240	510	700
Student services fee(s)	42.4	39	1,671	1,356	1,858	129	458	1,000	2,210	3,755
Textbooks	55.4	51	1,665	1,523	1,157	500	720	1,370	2,405	3,150
Other	38.0	35	3,262	2,538	4,084	146	550	1,424	3,584	9,560
<b>Total</b>	-	<b>92</b>	<b>7,453</b>	<b>7,033</b>	<b>4,922</b>	<b>1,681</b>	<b>3,463</b>	<b>6,299</b>	<b>10,556</b>	<b>14,639</b>

**TABLE 31. ITEMIZED STUDENT FEES COLLECTED BY THE INSTITUTION/PROGRAM BY ACADEMIC HEALTH CENTER STATUS (\$)**

	% Reporting	n	M	M (T)	SD	P10	P25	P50 (Mdn)	P75	P90
<b>Academic Health Center</b>										
ACLS/BLS/PALS/POCUS/Simulation fees, etc.	48.8	20	222	211	116	125	150	200	248	355
Application and/or graduation fees	53.7	22	251	185	309	50	50	108	353	536
Association dues	31.7	13	97	101	33	79	100	100	105	122
Background check	46.3	19	92	89	46	49	55	75	120	151
Clinical fee(s)	17.1	7	740	740	1,191	66	145	414	523	1,717
Clinical site costs/transportation	14.6	6	1,267	1,267	1,023	251	525	1,300	2,000	2,250
Computer/IT/Software	65.9	27	1,060	982	895	153	280	800	1,500	2,240
Drug screening	39.0	16	58	57	21	36	40	50	76	80
Equipment (e.g., stethoscope, lab coat)	53.7	22	1,251	1,155	707	609	861	1,000	1,520	1,970
Fees for tests/assessments	36.6	15	310	305	148	116	225	306	400	502
Health services fees	43.9	18	2,779	2,419	3,311	243	698	1,033	4,275	7,062
Laboratory fee(s)	51.2	21	486	375	565	50	86	350	525	950
Liability insurance	24.4	10	77	48	120	6	17	35	49	201
Parking	41.5	17	330	320	248	42	120	300	504	622
Student services fee(s)	68.3	28	1,784	1,460	2,216	118	197	845	2,612	5,210
Textbooks	41.5	17	1,707	1,698	1,093	464	1,000	1,550	2,000	3,453
Other	56.1	23	6,012	4,160	8,935	210	410	3,531	6,968	15,344
<b>Total</b>	-	<b>41</b>	<b>9,056</b>	<b>7,569</b>	<b>9,413</b>	<b>1,244</b>	<b>2,170</b>	<b>6,395</b>	<b>11,979</b>	<b>19,573</b>
<b>Non-Academic Health Center</b>										
ACLS/BLS/PALS/POCUS/Simulation fees, etc.	42.6	40	337	314	204	159	229	290	424	600
Application and/or graduation fees	72.3	68	258	159	402	50	74	125	226	548
Association dues	30.9	29	214	134	358	44	75	100	150	450
Background check	61.7	58	120	106	96	34	50	100	150	252
Clinical fee(s)	30.9	29	3,350	3,122	3,515	98	420	1,200	7,000	8,771
Clinical site costs/transportation	24.5	23	1,954	1,666	2,039	260	500	1,200	2,500	5,000
Computer/IT/Software	56.4	53	1,070	979	826	204	450	950	1,500	2,000
Drug screening	46.8	44	77	67	59	30	39	50	100	146
Equipment (e.g., stethoscope, lab coat)	73.4	69	1,018	964	473	500	780	900	1,100	1,667
Fees for tests/assessments	26.6	25	645	433	1,068	80	250	350	480	1,340
Health services fees	26.6	25	1,859	1,340	2,607	232	300	553	2,859	3,983
Laboratory fee(s)	46.8	44	1,049	775	1,354	143	274	500	1,018	2,993
Liability insurance	21.3	20	368	194	777	65	89	150	290	535
Parking	30.9	29	363	285	423	50	93	230	500	700
Student services fee(s)	38.3	36	1,804	1,520	1,871	150	499	937	2,980	3,933
Textbooks	59.6	56	1,704	1,582	1,120	500	998	1,500	2,412	3,075
Other	34.0	32	3,188	2,709	3,323	179	675	1,760	4,819	9,021
<b>Total</b>	-	<b>94</b>	<b>7,508</b>	<b>7,152</b>	<b>4,739</b>	<b>2,109</b>	<b>3,762</b>	<b>6,362</b>	<b>10,621</b>	<b>14,355</b>

# SECTION 3. PROGRAM PERSONNEL

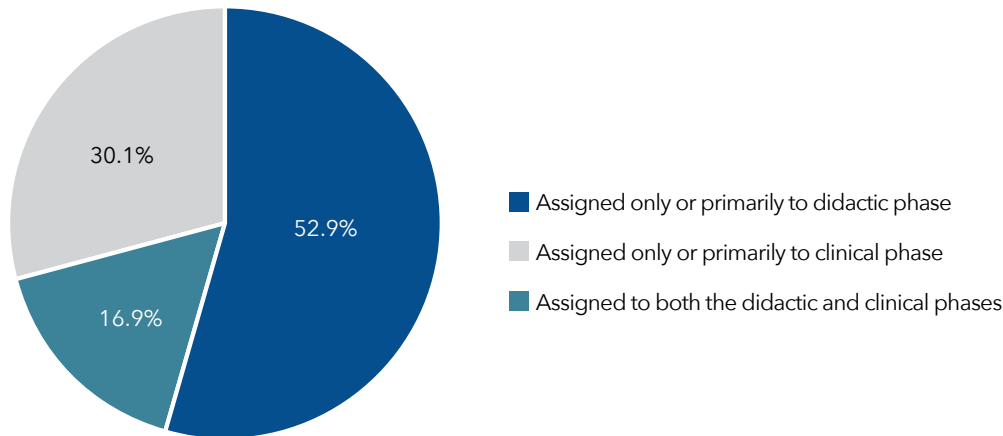
**TABLE 32. FULL-TIME FACULTY HEADCOUNTS**

	n (P)	n (F)	Min	Max	M	SD	P10	P25	P50 (Mdn)	P75	P90
Assigned only or primarily to didactic phase	205	1,053	1	35	5.1	3.5	2.0	3.0	5.0	7.0	8.0
Assigned only or primarily to clinical phase	171	337	1	22	2.0	1.9	1.0	1.0	2.0	2.0	3.0
Assigned to both the didactic and clinical phases	167	599	1	25	3.6	3.9	1.0	1.0	2.0	4.5	8.0
<b>All full-time faculty</b>	<b>235</b>	<b>1,989</b>	<b>3</b>	<b>45</b>	<b>8.5</b>	<b>4.7</b>	<b>5.0</b>	<b>6.0</b>	<b>8.0</b>	<b>10.0</b>	<b>12.0</b>

Programs were asked to provide full-time faculty headcounts; however, some appear to have reported FTEs instead. Because full-time faculty were defined as those with .5 or greater FTE, any decimal under .5 was rounded down and any decimal .5 or above was rounded up to approximate a headcount of full-time faculty.

Note: "n (P)" represents the number of reporting programs. "n (F)" represents the total faculty headcount across all reporting programs. Faculty with .5 or more FTE were considered to be full-time. Zeroes were excluded.

**FIGURE 15. FULL-TIME FACULTY ASSIGNMENTS**



**TABLE 33. PART-TIME FACULTY AND GUEST LECTURERS**

	n (P)	n (F)	Min	Max	M	SD	P10	P25	P50 (Mdn)	P75	P90
<b>Part-time faculty</b>											
Headcount	159	624	1	20	3.9	3.8	1.0	2.0	3.0	4.0	9.0
FTE	156	138.1	0.1	7.5	0.9	0.9	0.2	0.3	0.7	1.1	1.5
<b>Guest lecturers</b>											
Headcount	227	10,521	2	378	46.3	59.5	7.0	12.0	26.0	51.5	107.0

Note: "n (P)" represents the number of reporting programs. "n (F)" represents the total headcount or FTE across all reporting programs. Faculty with less than .5 FTE were considered to be part-time.

**TABLE 34. PERCENTAGE OF DIDACTIC CURRICULUM TAUGHT BY CORE FACULTY (%)**

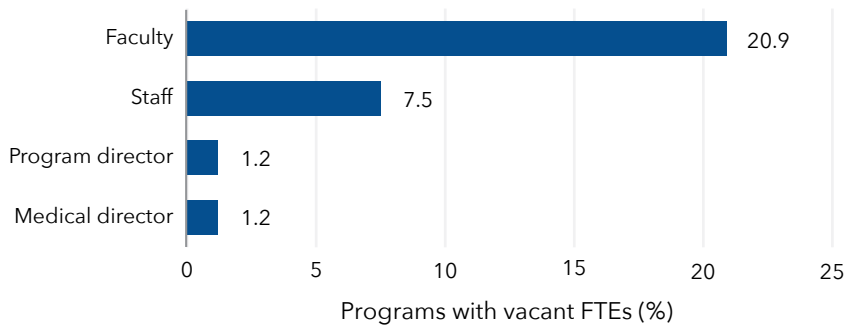
	n	Min	Max	M	SD	P10	P25	P50 (Mdn)	P75	P90
Taught directly by core/principal faculty	231	11.0	100.0	70.1	18.6	45.0	60.0	75.0	81.5	90.0
Taught by others but actively coordinated by core/principal faculty (e.g., arranging schedules, selecting topics, course mastering)	215	1.0	85.0	23.8	16.4	5.0	10.5	20.0	30.0	45.0
Taught directly by non-program personnel (e.g., faculty from biology department) with minimal input from core/principal faculty	133	1.0	53.0	13.4	11.8	5.0	5.0	10.0	18.0	30.0

**TABLE 35. CAPACITY, FILLED, AND VACANT FTE**

	<i>n</i> (P)	<i>n</i> (FTE)	Min	Max	<i>M</i>	<i>SD</i>	P10	P25	P50 ( <i>Mdn</i> )	P75	P90
<b>Capacity</b>											
Faculty	235	1,793.8	1.0	36.6	7.6	3.8	4.0	5.0	7.0	9.0	12.0
Staff	235	801.9	1.0	22.1	3.4	2.3	1.4	2.0	3.0	4.0	6.0
Program director	234	232.4	0.5	1.0	1.0	0.0	1.0	1.0	1.0	1.0	1.0
Medical director	233	149.6	0.1	1.0	0.6	0.4	0.2	0.2	1.0	1.0	1.0
<b>Filled</b>											
Faculty	234	1,691.3	1.0	36.6	7.2	3.7	4.0	5.0	7.0	8.5	11.2
Staff	233	776.4	1.0	22.1	3.3	2.4	1.0	2.0	3.0	4.0	5.9
Program director	231	229.2	0.5	1.0	1.0	0.0	1.0	1.0	1.0	1.0	1.0
Medical director	231	146.9	0.1	1.0	0.6	0.4	0.1	0.2	1.0	1.0	1.0
<b>Vacant</b>											
Faculty	87	115.3	0.1	4.9	1.3	0.8	0.6	1.0	1.0	2.0	2.0
Staff	31	31.5	0.5	2.0	1.0	0.4	0.5	1.0	1.0	1.0	1.0
Program director	5	4.2	0.2	1.0	0.8	0.4	0.5	1.0	1.0	1.0	1.0
Medical director	<b>5</b>	<b>2.8</b>	<b>0.2</b>	<b>1.0</b>	<b>0.6</b>	<b>0.4</b>	<b>0.2</b>	<b>0.3</b>	<b>0.3</b>	<b>1.0</b>	<b>1.0</b>

Note: “*n* (P)” represents the number of reporting programs. “*n* (FTE)” represents the total FTE across all reporting programs. Zeroes were excluded.

**FIGURE 16. PROGRAMS WITH VACANT FTEs**



## RECRUITMENT & RETENTION

Data were collected in 2019, prior to the onset of the COVID-19 pandemic. [Reports published by PAEA](#) during the pandemic indicate that staffing was affected at many programs; these impacts are not captured in this report.

**TABLE 36. OPEN POSITIONS**

	n (P)	n (O)	Max	M	SD	P10	P25	P50 (Mdn)	P75	P90
<b>Faculty</b>										
New position	76	106	6	1.4	0.7	1.0	1.0	1.0	2.0	2.0
Replacing existing position	144	252	7	1.8	1.1	1.0	1.0	1.0	2.0	3.0
All open positions	184	358	10	1.9	1.3	1.0	1.0	2.0	2.0	3.0
<b>Staff</b>										
New position	42	52	3	1.2	0.5	1.0	1.0	1.0	1.0	2.0
Replacing existing position	83	114	5	1.4	0.7	1.0	1.0	1.0	2.0	2.0
All open positions	113	167	8	1.5	1.0	1.0	1.0	1.0	2.0	3.0

Note: "n (P)" represents the number of reporting programs. "n (O)" represents the total number of open positions available across all reporting programs. Zeroes were excluded.

196 (83.4%) programs reported seeking to hire new faculty or staff in the 2018–2019 academic year, before the COVID-19 pandemic. Some programs appear to have reported FTE instead of headcounts. All decimals were rounded up to the nearest integer to approximate headcounts.

Programs were asked to report the number of open faculty and staff positions first and then report the number of open faculty and staff positions that were either new or replacing existing positions separately. For some programs, the reported total number of open positions was not equal to the sum of new and replacement positions.

**TABLE 37. BARRIERS TO HIRING NEW FACULTY (%)**

	n	Not at All a Barrier	Slight Barrier	Moderate Barrier	Serious Barrier
Salary	196	10.2	25.5	37.2	27.0
Lack of qualified candidates	196	12.2	26.0	37.2	24.5
Candidates' lack of teaching experience	196	9.7	33.2	44.4	12.8
Area cost of living	196	56.6	23.0	10.7	9.7
Location	196	45.9	25.5	20.9	7.7
Degree requirements	196	46.4	33.7	15.8	4.1
Lifestyle	196	52.0	34.2	11.2	2.6

Note: Table rows are sorted from most serious barrier to least.

**TABLE 38. REASONS FOR FACULTY DEPARTURES**

	n (P)	n (F)	% (F)
Job change: Return to clinical practice	62	81	30.9
Personal reasons	39	48	18.3
Job change: Accepted position at another PA program	36	42	16.0
Job change: Other reason	29	35	13.4
Retirement	27	32	12.2
Dismissal due to performance issues	14	15	5.7
Dismissal due to professionalism issues	5	6	2.3
Medical/Disability/Death	3	3	1.1
<b>All faculty departures</b>	<b>139</b>	<b>262</b>	<b>100.0</b>

Note: "n (P)" represents the number of reporting programs. "n (F)" represents the total number of faculty departures across all reporting programs. "% (F)" represents the percentage of all faculty departures that occurred for each reason.

140 (59.6%) programs reported that at least one faculty member had left in the 2018–2019 academic year.

## STUDENT-TO-FACULTY RATIO

Each program's student-to-faculty ratio (SFR) was calculated in two ways. For Table 39, SFR was calculated by dividing each program's total number of enrolled students by their full-time faculty headcount. For Table 40, SFR was calculated by dividing each program's total number of enrolled students by the sum of their filled faculty, program director, and medical director FTEs.



**TABLE 39. STUDENT-TO-FACULTY RATIO: FULL-TIME FACULTY HEADCOUNT**

	<i>n</i>	Min	Max	<i>M</i>	<i>SD</i>	P10	P25	P50 ( <i>Mdn</i> )	P75	P90
<b>Overall</b>	<b>224</b>	<b>3.2</b>	<b>31.7</b>	<b>13.4</b>	<b>5.0</b>	<b>7.1</b>	<b>10.1</b>	<b>13.2</b>	<b>16.1</b>	<b>18.6</b>
<b>Public vs. private</b>										
Private	148	3.2	30.0	13.3	4.6	7.5	10.6	13.6	15.9	18.3
Public	69	3.8	31.7	13.4	5.7	6.9	9.5	12.8	16.7	19.1
<b>Academic Health Center status</b>										
AHC	62	4.8	30.9	14.2	4.9	8.5	11.7	13.6	16.9	18.8
Non-AHC	162	3.2	31.7	13.1	5.0	6.4	9.7	13.0	15.8	18.5
<b>Administrative housing</b>										
College of Arts and Sciences	7	6.3	21.6	11.3	6.3	6.5	7.0	7.8	14.8	19.8
College of Graduate and Professional Studies	9	4.7	18.4	14.4	4.2	10.5	14.3	14.6	16.7	18.1
College/School of Medicine	36	4.8	31.7	13.0	5.8	6.7	9.9	12.1	14.7	17.8
Department of PA Studies/PA Program	37	3.6	22.2	13.3	4.3	8.9	10.3	13.6	15.9	18.5
School of Allied Health/Health Professions/ Health Sciences	127	3.2	30.9	13.6	4.8	7.7	10.5	13.5	16.4	18.4
Science department	4	7.5	26.0	14.0	8.4	8.0	8.9	11.2	16.3	22.1
Other health discipline (e.g., Nursing, Pharmacy, Podiatry, etc.)	4	3.8	16.0	11.8	5.7	6.2	9.8	13.8	15.8	15.9
<b>Satellite campuses</b>										
Program does not have satellite campus	206	3.2	31.7	13.3	5.1	6.8	9.9	13.1	16.0	18.6
Program has satellite campus	18	6.2	18.9	14.0	3.3	10.3	12.0	14.3	16.6	17.2
<b>Enrolled classes</b>										
First-year students only	19	3.2	14.8	6.3	3.0	3.7	4.8	5.6	6.3	9.8
First- and second-year students only	79	6.2	26.0	11.3	3.3	7.5	9.2	11.1	13.0	15.3
First-, second-, and third-year students	125	6.6	31.7	15.8	4.4	10.9	13.2	15.2	17.7	21.0
<b>Census Regions and Divisions</b>										
<b>Northeast Region</b>										
New England Division	19	7.8	30.0	15.5	5.8	8.6	12.6	14.8	16.8	23.0
Middle Atlantic Division	46	3.2	31.7	13.3	5.5	7.3	9.7	12.9	15.3	18.3
Subtotal	65	3.2	31.7	13.9	5.6	8.2	10.1	14.0	15.9	19.0
<b>Midwest Region</b>										
East North Central Division	34	3.6	21.7	12.7	4.5	6.7	10.1	12.1	16.1	18.4
West North Central Division	16	4.7	20.0	12.9	4.6	7.7	10.0	11.9	17.7	18.6
Subtotal	50	3.6	21.7	12.8	4.5	7.0	10.1	11.9	16.3	18.5
<b>South Region</b>										
South Atlantic Division	46	5.0	25.2	13.5	4.4	7.2	10.6	13.7	16.2	17.8
East South Central Division	14	6.1	30.9	14.1	6.4	7.7	10.1	13.0	16.6	20.3
West South Central Division	17	7.5	27.7	14.2	4.9	9.1	11.3	13.1	17.2	18.5
Subtotal	77	5.0	30.9	13.8	4.9	7.6	10.6	13.6	16.7	18.1
<b>West Region</b>										
Mountain Division	14	3.8	21.6	11.4	5.2	4.5	7.7	11.9	13.7	17.3
Pacific Division	18	6.0	18.6	12.9	4.0	6.3	10.2	14.2	15.6	17.5
Subtotal	32	3.8	21.6	12.2	4.6	6.0	9.0	13.0	15.1	18.2

Note: Programs with "other" administrative housing were excluded due to low frequencies.

**TABLE 40. STUDENT-TO-FACULTY RATIO: FTE**

	<i>n</i>	Min	Max	<i>M</i>	<i>SD</i>	P10	P25	P50 ( <i>Mdn</i> )	P75	P90
<b>Overall</b>	<b>223</b>	<b>2.5</b>	<b>25.0</b>	<b>12.3</b>	<b>4.6</b>	<b>6.3</b>	<b>9.1</b>	<b>12.1</b>	<b>15.3</b>	<b>18.2</b>
<b>Public vs. private</b>										
Private	149	2.5	25.0	12.3	4.5	6.3	9.1	12.5	15.3	17.6
Public	67	2.8	23.1	11.9	4.3	7.1	9.1	11.3	14.8	18.4
<b>Academic Health Center status</b>										
AHC	60	3.4	24.4	12.9	4.4	7.4	9.8	12.6	15.4	18.5
Non-AHC	163	2.5	25.0	12.0	4.6	5.8	8.9	12.0	15.2	17.8
<b>Administrative housing</b>										
College of Arts and Sciences	7	5.6	20.8	10.5	6.1	5.8	6.0	8.7	13.2	18.8
College of Graduate and Professional Studies	9	3.7	16.7	12.3	3.7	9.4	11.4	13.3	14.0	14.7
College/School of Medicine	36	3.4	25.0	11.6	4.6	6.5	9.3	10.9	14.1	18.3
Department of PA Studies/PA Program	38	3.5	24.5	12.2	4.2	7.8	9.8	11.8	15.0	16.8
School of Allied Health/Health Professions/ Health Sciences	124	3.2	24.4	12.7	4.5	7.3	9.1	12.4	15.4	18.5
Science department	4	5.1	16.8	10.7	5.1	6.0	7.4	10.4	13.6	15.5
Other health discipline (e.g., Nursing, Pharmacy, Podiatry, etc.)	5	2.5	16.7	10.1	7.0	2.7	2.8	12.5	16.0	16.4
<b>Satellite campuses</b>										
Program does not have satellite campus	205	2.5	25.0	12.1	4.6	6.3	9.0	12.1	15.1	18.2
Program has satellite campus	18	6.7	20.6	13.7	3.7	9.3	11.4	12.9	16.8	17.5
<b>Enrolled classes</b>										
First-year students only	20	2.5	12.8	5.5	2.9	3.2	3.6	4.6	6.0	9.2
First- and second-year students only	79	5.1	16.8	10.3	2.9	6.9	8.2	9.7	11.9	14.9
First-, second-, and third-year students	123	6.7	25.0	14.7	3.8	9.8	12.1	14.2	17.1	19.5
<b>Census Regions and Divisions</b>										
<b>Northeast Region</b>										
New England Division	19	6.3	25.0	14.0	4.6	8.9	11.0	12.8	16.2	19.8
Middle Atlantic Division	46	3.2	19.6	12.0	4.0	6.7	9.1	12.0	15.3	17.1
Subtotal	65	3.2	25.0	12.6	4.3	7.5	9.6	12.5	15.3	18.2
<b>Midwest Region</b>										
East North Central Division	35	2.5	21.3	11.9	4.6	6.8	8.9	11.6	15.7	17.8
West North Central Division	16	3.7	22.8	11.8	4.9	7.5	8.4	10.5	14.7	17.7
Subtotal	51	2.5	22.8	11.9	4.7	7.3	8.7	11.5	15.5	17.9
<b>South Region</b>										
South Atlantic Division	46	3.9	24.4	12.4	4.2	6.8	9.7	12.4	14.8	17.3
East South Central Division	12	4.8	24.5	13.6	6.8	6.2	8.5	13.0	17.7	23.8
West South Central Division	17	5.1	23.1	13.4	4.5	8.3	11.3	13.4	15.1	19.5
Subtotal	75	3.9	24.5	12.8	4.7	6.6	9.6	13.0	15.1	18.7
<b>West Region</b>										
Mountain Division	14	2.8	20.8	10.5	5.3	3.7	7.4	10.4	12.1	17.8
Pacific Division	18	4.3	16.9	11.3	3.8	6.3	8.9	12.0	13.4	16.3
Subtotal	32	2.8	20.8	11.0	4.5	4.6	8.3	10.9	13.3	16.6

Note: Programs with "other" administrative housing were excluded due to low frequencies.

# SECTION 4. STUDENTS

## CAPACITY & ENROLLMENT

“Maximum capacity” refers to programs’ capacity as approved by ARC-PA. “Current enrollment” refers to enrollment at the time that programs responded to the survey, which does not necessarily reflect day-one student enrollment. For example, if a program has a third-year cohort for part of the academic year but survey administration does not coincide with that period, that program may report zero third-year enrollment. Therefore, discrepancies between capacity and enrollment do not necessarily reflect unfilled seats.

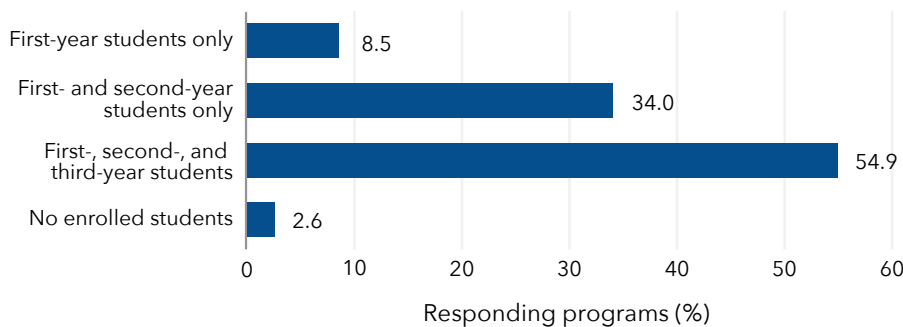
“First-year” students were defined as didactic-phase students, and “second-year” students as clinical-phase students. “Third-year” students were defined as “end-of-clinical-phase students who, when present, may overlap with second-year clinical phase students; this may be typical in programs that are longer than two years.

**TABLE 41. STATUS OF INAUGURAL CLASSES IN PROVISIONALLY ACCREDITED PROGRAMS**

	<i>n</i>	%
Graduated	34	54.0
Enrolled in the second year	14	22.2
Enrolled in the first year	11	17.5
Not yet enrolled	2	3.2
Enrolled in the third year	2	3.2
<b>Total</b>	<b>63</b>	<b>100.0</b>

63 programs (26.8%) were provisionally accredited.

**FIGURE 17. ENROLLED COHORTS**



**TABLE 42. STUDENT MAXIMUM CAPACITY AND CURRENT ENROLLMENT**

	<i>n</i> (P)	<i>n</i> (S)	Min	Max	<i>M</i>	<i>SD</i>	P10	P25	P50 ( <i>Mdn</i> )	P75	P90
<b>Maximum capacity</b>											
First-year (didactic phase)	234	11,299	16	240	48.3	24.5	26.0	32.0	42.0	59.8	76.4
Second-year (clinical phase)	232	11,063	17	240	47.7	24.3	26.0	31.5	40.0	56.0	75.0
Third-year (end-of-clinical phase)	151	6,979	10	100	46.2	18.1	30.0	35.0	42.0	54.0	70.0
<b>Total</b>	<b>234</b>	<b>29,341</b>	<b>16</b>	<b>560</b>	<b>125.4</b>	<b>62.9</b>	<b>60.0</b>	<b>86.0</b>	<b>120.0</b>	<b>150.0</b>	<b>194.7</b>
<b>Current enrollment</b>											
First-year (didactic phase)	225	10,439	15	213	46.4	23.1	25.4	30.0	40.0	57.0	75.0
Second-year (clinical phase)	206	9,426	14	184	45.8	21.9	26.0	30.0	40.5	54.0	73.0
Third-year (end-of-clinical phase)	117	4,762	1	91	40.7	16.4	23.6	30.0	38.0	49.0	60.0
<b>Total</b>	<b>226</b>	<b>24,627</b>	<b>15</b>	<b>468</b>	<b>109.0</b>	<b>57.6</b>	<b>45.5</b>	<b>65.5</b>	<b>104.0</b>	<b>141.0</b>	<b>175.0</b>

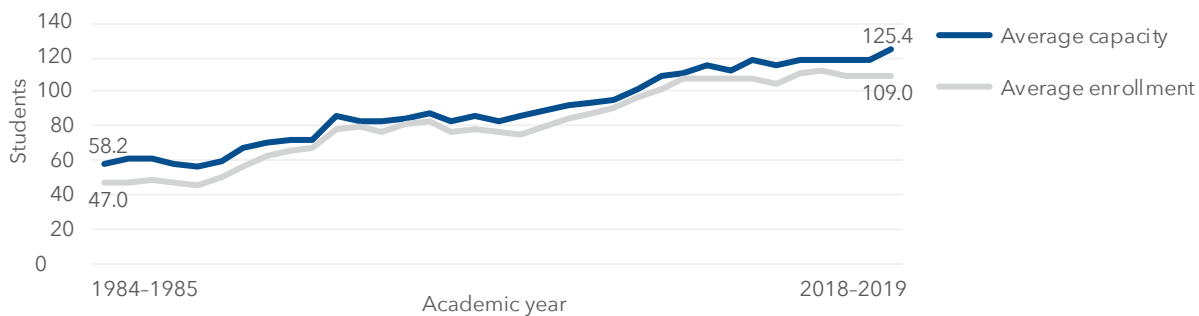
Note: Zeroes were excluded. “*n* (P)” refers to the number of reporting programs. “*n* (S)” refers to the number of students reported by the programs.

**TABLE 43. DAY-ONE ENROLLMENT OF MOST RECENTLY ADMITTED CLASS**

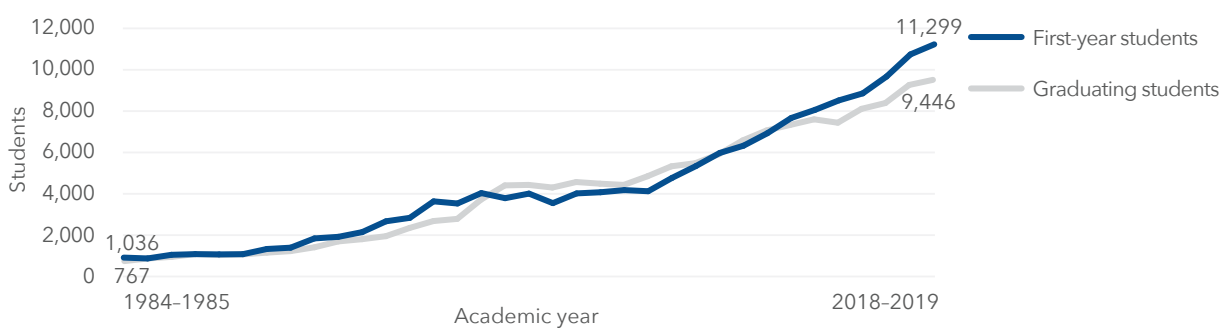
	n (P)	n (S)	Min	Max	M	SD	P10	P25	P50 (Mdn)	P75	P90
<b>Type of institution</b>											
Private	154	7,461	16	125	48.4	21.0	28.3	32.0	42.0	60.0	77.0
Public	69	2,992	16	136	43.4	20.2	24.0	30.0	40.0	50.0	65.0
<b>Academic Health Center status</b>											
AHC	63	3,198	17	136	50.8	21.9	27.2	35.5	46.0	60.0	80.0
Non-AHC	167	7,796	16	213	46.7	24.0	26.0	30.0	40.0	55.0	75.0
<b>Overall</b>	<b>230</b>	<b>10,994</b>	<b>16</b>	<b>213</b>	<b>47.8</b>	<b>23.4</b>	<b>26.0</b>	<b>31.3</b>	<b>42.0</b>	<b>59.8</b>	<b>76.1</b>

Based on programs' reports of their ARC-PA-approved first-year capacity and the day-one enrollment of their most recently admitted class, 61 programs reported a total of 345 unfilled seats ( $M = 5.7, SD = 6.6, Mdn = 3.0$ ). This number differs from the difference of total first-year capacity reported in **Table 42** and overall day-one enrollment because programs that reported greater day-one enrollment than capacity, or that reported first-year capacity but not day-one enrollment, were excluded.

**FIGURE 18. AVERAGE PROGRAM ENROLLMENT AND CAPACITY, 1985-2019**

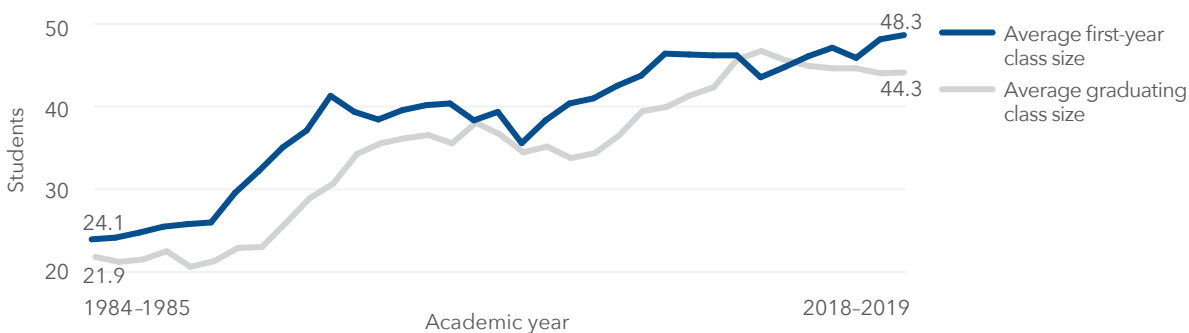


**FIGURE 19. TOTAL FIRST-YEAR AND GRADUATING STUDENTS, 1985-2019**



Note: Prior to 2016's Program Report 31, the number of graduates depicted in this figure was calculated based on the size of the graduating cohort at matriculation. From 2016 onwards, the figure reports only those students who have or will graduate on time.

**FIGURE 20. AVERAGE FIRST-YEAR AND GRADUATING CLASS SIZES 1985-2019**



Note: Prior to 2016's Program Report 31, the number of graduates depicted in this figure was calculated based on the size of the graduating cohort at matriculation. From 2016 onwards, the figure reports only those students who have or will graduate on time.

## FIRST-YEAR CLASS

This section refers to students who began or were in their first year at the time of the survey administration.

**TABLE 44. EXAMS REQUIRED FOR ADMISSION**

	<i>n</i>	%
GRE	131	57.7
TOEFL	71	31.3
MCAT or GRE	14	6.2
SAT	10	4.4
ACT	7	3.1
CASPer*	5	2.2
MCAT	3	1.3
None	35	15.4
<b>Total</b>	<b>227</b>	<b>-</b>

Note: Percentages will not sum to 100% because programs could report more than one required exam. \* indicates that the exam was recoded from programs' write-in "Other" responses.

**TABLE 45. FIRST-YEAR CLASS: GRE SCORES**

	<i>n</i>	<i>M</i>	<i>SD</i>	<i>Mdn</i>
Verbal reasoning	124	153.4	3.4	153.0
Quantitative reasoning	123	152.8	3.2	153.0
Analytical writing	108	4.1	0.2	4.0

Note: Programs that required the GRE were asked to report their first-year students' average GRE scores. Although zeroes are technically valid analytic writing scores, they were excluded from this table.

**TABLE 46. FIRST-YEAR CLASS: UNDERGRADUATE GRADE-POINT AVERAGES**

	<i>n</i>	<i>M</i>	<i>SD</i>	<i>Mdn</i>
Science	218	3.52	0.15	3.53
Non-science	161	3.63	0.15	3.67
CASPA biology, chemistry, physics (BCP)	165	3.49	0.16	3.50
Overall	222	3.58	0.14	3.60

Note: Zeroes were excluded.

**TABLE 47. FIRST-YEAR CLASS: HEALTH CARE EXPERIENCE HOURS**

	<i>n</i>	Min	Max	<i>M</i>	<i>M</i> (T)	<i>SD</i>	P10	P25	P50 ( <i>Mdn</i> )	P75	P90
Patient contact experience	157	30	25,000	3,240	2,854	2,669	1,231	1,705	2,634	3,850	5,834
Health care shadowing	83	10	2,807	215	108	491	37	57	98	152	231
Community service	70	25	18,000	719	378	2,155	123	200	334	515	938
Other health care experience	49	10	9,000	1,791	1,490	1,709	507	937	1,396	2,098	2,903
Other work experience	27	70	12,651	2,315	1,883	2,456	669	1,177	1,594	2,278	4,200

Note: Zeroes were excluded.

167 programs (73.2%) reported that they collected data on their first-year class's average number of hours of health care experience (HCE) or work/volunteer experience.

## FIRST-YEAR CLASS DEMOGRAPHICS

This section details the enrollment of first-year PA students by demographic factors (i.e., gender, ethnicity, and race). Omissions and imprecisions in programs' reporting of student demographic data make it difficult to provide a complete and accurate picture of the PA student body. This is also why cohort sample sizes differ across demographic tables. For example, programs that do not collect or have access to student race data may be reporting all students as "other" or "unknown" race. PAEA is exploring new ways to collect this information but would like to underscore the importance of member programs gathering and accurately reporting detailed student demographic data. Beginning with 2018's *Program Report 33*, statistics in this section were calculated using a different method from prior years. Therefore, data in these tables will be very different from previous Program Reports. Please see "Report Enhancements" (p. 2) for more details.

A total of 229 programs (97.4%) reported having a first-year class enrolled in the 2018–2019 academic year and/or reported first-year demographic data. This is accounted for by the fact that a small number of provisionally accredited programs had not matriculated their first student cohort.

For Tables 49 - 51:

- "**n (P)**" refers to the number of programs reporting at least one student of that demographic (e.g., in Table 49, 225 programs reported having at least one female first-year student).
- "**% (P)**" refers to the proportion of programs reporting at least one student of that demographic, out of the 228 that either reported having a first-year class enrolled and/or reported first-year demographic data (e.g., in Table 49, 98.3% of the 228 programs with a first-year class reported having at least one female first-year student).
- "**n (S)**" refers to the number of students reported by the *n (P)* programs who belonged to each demographic (e.g., in Table 49, 225 programs reported a total of 7,833 female first-year students).
- "**% (S)**" refers to the proportion of all students reported across programs who belonged to each demographic (e.g., in Table 49, of the 10,846 reported first-year students, 72.2% were female).
- "**Mean % (S)**" refers to the average proportion of students belonging to each demographic among the *n (P)* reporting programs (e.g., in Table 49, of the 225 programs that reported at least one female student, an average of 73.8% of their students were female).
- **M**, **SD**, and **Mdn** were calculated using data from the *n (P)* reporting programs and were not reported when fewer than 5 programs reported data.

**TABLE 48. FIRST-YEAR CLASS: PROGRAMS WITH MISSING DEMOGRAPHIC INFORMATION**

	<i>n</i>	%
Missing gender information	9	3.9
Missing ethnicity information	21	9.2
Missing race information	20	8.7

The percent of programs missing demographic information was calculated by dividing the number of programs that did not report demographic information, or reported all “Do not know,” by the 229 programs that reported having a first-year class enrolled and/or reported demographic data on their first-year students. Three programs reported that they had a first-year class enrolled but did not provide first-year student demographics.

**TABLE 49. FIRST-YEAR CLASS: GENDER**

	<i>n</i> (P)	% (P)	<i>n</i> (S)	% (S)	Mean % (S)	<i>M</i>	<i>SD</i>	<i>Mdn</i>
Female	225	98.3	7,833	72.2	73.8	34.8	15.9	31.0
Male	225	98.3	2,868	26.4	26.3	12.7	11.2	11.0
Unknown gender	5	2.2	145	1.3	55.7	29.0	30.4	30.0
<b>Total</b>	<b>228</b>	<b>99.6</b>	<b>10,846</b>	<b>100.0</b>	<b>100.0</b>	<b>23.8</b>	<b>17.7</b>	<b>20.0</b>

**TABLE 50. FIRST-YEAR CLASS: ETHNICITY**

	<i>n</i> (P)	% (P)	<i>n</i> (S)	% (S)	Mean % (S)	<i>M</i>	<i>SD</i>	<i>Mdn</i>
Hispanic, Latino, or Spanish in origin	168	73.4	814	7.6	10.0	4.8	6.2	3.0
Not Hispanic, Latino, or Spanish in origin	208	90.8	8,959	83.7	91.6	43.1	19.9	39.0
Unknown ethnicity	47	20.5	926	8.7	39.7	19.7	23.9	6.0
<b>Total</b>	<b>226</b>	<b>98.7</b>	<b>10,699</b>	<b>100.0</b>	<b>100.0</b>	<b>25.3</b>	<b>24.4</b>	<b>23.0</b>

Of the 214 programs that reported some ethnicity information (excluding those that only reported “Do not know”) for their first-year class, 46 (21.5%) reported no Hispanic students.

**TABLE 51. FIRST-YEAR CLASS: RACE**

	<i>n</i> (P)	% (P)	<i>n</i> (S)	% (S)	Mean % (S)	<i>M</i>	<i>SD</i>	<i>Mdn</i>
American Indian or Alaskan Native	36	15.7	57	0.5	3.3	1.6	1.4	1.0
Asian	190	83.0	1,064	9.9	11.2	5.6	4.9	4.0
Black or African American	156	68.1	417	3.9	6.7	2.7	2.4	2.0
Multiracial	74	32.3	238	2.2	7.3	3.2	4.3	2.0
Native Hawaiian or Pacific Islander	21	9.2	177	1.6	14.0	8.4	18.3	1.0
White	205	89.5	7,473	69.4	77.5	36.5	18.3	32.0
Other	81	35.4	335	3.1	8.2	4.1	4.3	2.0
Unknown race	80	34.9	1,007	9.4	25.4	12.6	19.6	4.0
<b>Total</b>	<b>227</b>	<b>99.1</b>	<b>10,768</b>	<b>100.0</b>	<b>100.0</b>	<b>12.8</b>	<b>18.0</b>	<b>4.0</b>

Of the 215 programs that reported some race information (excluding those that only reported “Other” or “Do not know”) for their first-year class, 6 (2.8%) reported no non-White students.

**TABLE 52. FIRST-YEAR CLASS: AGE**

	<i>n</i>	<i>M</i>	<i>SD</i>	<i>Mdn</i>
Average age of first-year class	228	25.2	2.7	25.0
Age of youngest matriculant	228	21.1	2.6	21.0
Age of oldest matriculant	227	39.4	8.5	39.0

## 2019 COHORT

This section refers to the 2019 cohort, or the group of students who entered a PA program expecting to graduate in 2019. For most programs, this group of students matriculated in 2016. 213 programs (90.6%) reported that they had graduated or would be graduating a 2019 cohort of PA students.

For Tables 54 and 55:

- “**n (P)**” refers to the number of programs reporting at least one student of that status (e.g., in Table 55, 96 programs reported at least one student who was dismissed for academic reasons).
- “**% (P)**” refers to the proportion of programs reporting at least one student of that status, out of the 213 programs that reported graduating a 2019 cohort of students (e.g., in Table 55, of the 213 programs with a 2019 cohort, 45.1% reported at least one student who was dismissed for academic reasons).
- “**n (S)**” refers to the number of students of each status as reported by the  $n$  (P) programs (e.g., in Table 55, 96 programs reported 181 students who were dismissed for academic reasons).
- “**% (S)**” refers to the proportion of all students reported across programs of each status (e.g., in Table 55, of 10,121 total students, 1.8% were dismissed for academic reasons).
- “**Mean % (S)**” refers to the average proportion of students of each status among the  $n$  (P) reporting programs (e.g., in Table 55, of the 96 programs that reported at least one student who was dismissed for academic reasons, an average of 5.1% of their 2019 cohort was dismissed for academic reasons).
- **M**, **SD**, and **Mdn** are calculated using data from the  $n$  (P) reporting programs.



**TABLE 53. 2019 COHORT: PERCENT RECEIVING FEDERAL FINANCIAL AID (%)**

	<i>n</i>	<i>M</i>	<i>M (T)</i>	<i>SD</i>	<i>P10</i>	<i>P25</i>	<i>P50 (Mdn)</i>	<i>P75</i>	<i>P90</i>
Percent of students receiving federal financial aid	190	84.7	87.9	17.3	69.0	79.3	90.0	96.0	100.0

*Note: Programs that reported 0% were excluded.*

**TABLE 54. 2019 COHORT: ENROLLMENT AT MATRICULATION**

	<i>n (P)</i>	<i>% (P)</i>	<i>n (S)</i>	<i>% (S)</i>	<i>Mean % (S)</i>	<i>M</i>	<i>SD</i>	<i>Mdn</i>
New students	212	100.0	9,901	98.1	98.3	46.7	22.1	40.0
Decelerated students from previous class	82	38.7	162	1.6	3.5	2.0	1.4	2.0
Delayed/Deferred admission from previous year	9	4.2	10	0.1	2.4	1.1	0.3	1.0
Other students	3	1.4	22	0.2	15.4	7.3	11.0	1.0
<b>Total</b>	<b>212</b>	<b>100.0</b>	<b>10,095</b>	<b>100.0</b>	<b>100.0</b>	<b>33.0</b>	<b>27.7</b>	<b>30.5</b>

**TABLE 55. 2019 COHORT: STUDENT STATUS AT GRADUATION**

	<i>n (P)</i>	<i>% (P)</i>	<i>n (S)</i>	<i>% (S)</i>	<i>Mean % (S)</i>	<i>M</i>	<i>SD</i>	<i>Mdn</i>
Graduated, or expect to graduate, on time	212	99.5	9,446	93.3	93.6	44.6	21.5	39.0
Academic dismissal	96	45.1	181	1.8	5.1	1.9	1.5	1.0
Non-academic dismissal (e.g., professionalism sanction)	8	3.8	8	0.1	2.5	1.0	0.0	1.0
Withdrew: Medical reason(s)	32	15.0	42	0.4	3.0	1.3	0.5	1.0
Withdrew: Personal reason(s)	86	40.4	147	1.5	3.6	1.7	1.3	1.0
Decelerated: Short-term (graduated less than one year late)	52	24.4	140	1.4	4.9	2.7	3.4	1.0
Decelerated: Long-term (to next cohort)	74	34.7	157	1.6	4.1	2.1	1.5	1.5
<b>Total</b>	<b>213</b>	<b>100.0</b>	<b>10,121</b>	<b>100.0</b>	<b>100.00</b>	<b>18.1</b>	<b>24.6</b>	<b>2.0</b>

## 2019 COHORT DEMOGRAPHICS

The following section details the graduation, deceleration, and withdrawal status of the 2019 cohort of PA students by demographic factors (i.e., gender, ethnicity, and race). Omissions and imprecisions in programs' reporting of student demographic data make it difficult to provide a complete and accurate picture of the PA student body. This is also why cohort sample sizes differ across demographic tables. For example, programs that do not collect or have access to student race data may be reporting all students as "other" or "unknown" race.

Demographic breakdowns are presented in two ways, in the "A" and "B" tables. The two types of tables present the same information in two different but complementary ways, giving further insight into the demographic makeup and statuses of the 2019 cohort.

In the "**A**" tables, we report student demographics by their status (i.e., graduation, dismissal, withdrawal, and deceleration rates). The "% (S)" column in the "A" tables can be interpreted as "Within each demographic category, what percentage of students had that status?" The "% (All S)" column of the "A" tables can be interpreted as "Of all students reported by demographics and status, how many students were of that demographic and status?" For example, Table 57A shows that, among female students, 97.6% graduated, and female graduates comprised 66.4% of all reported students in the 2019 cohort.

The "**B**" tables report student statuses by demographics. The interpretation of the percentages in the "B tables" is "Within each status, what percentage of students belonged to each demographic?" For example, Table 57B shows that 71.0% of all graduates in the 2019 cohort were female.

For all "**A**" tables:

- "**n (P)**" refers to the number of programs reporting at least one student of that demographic and status (e.g., in Table 57A, 70 programs reported at least one female student who was dismissed for academic reasons).
- "**% (P)**" refers to the proportion of programs reporting at least one student of that demographic and status, out of the 208 programs that reported graduating a 2019 cohort of students (e.g., in Table 57A, of the 208 programs with a 2019 cohort, 33.2% reported at least one female student who was dismissed for academic reasons).
- "**n (S)**" refers to the number of students of each demographic who had each status (e.g., in Table 57A, programs reported a total of 113 female students who were dismissed for academic reasons).
- "**% (S)**" refers to the proportion of all students within a demographic who had each status (e.g., in Table 57A, of 6,980 total female students, 1.6% were dismissed for academic reasons).
- "**% (All S)**" refers to the proportion of all students who belonged to a demographic and who had each status (e.g., in Table 57A, of 9,926 total students, 1.1% were female students who were dismissed for academic reasons).
- **M**, **SD**, and **Mdn** were calculated using data from the *n (P)* reporting programs and were not tabled when there were fewer than 5 reporting programs. Instead, they are labeled "NR."

**TABLE 56. 2019 COHORT: PROGRAMS WITH MISSING DEMOGRAPHIC INFORMATION**

	<i>n</i>	<i>%</i>
Missing gender information	27	12.7
Missing ethnicity information	37	17.4
Missing race information	35	16.4

*The percent of programs missing demographic information was calculated by dividing the number of programs that did not report demographic information, or reported all “Do not know,” by the 213 programs that reported that they would be graduating a 2019 cohort of students.*

**TABLE 57A. 2019 COHORT: GENDER BY STUDENT STATUS**

	<i>n</i> (P)	<i>%</i> (P)	<i>n</i> (S)	<i>%</i> (S)	<i>%</i> (All S)	<i>M</i>	<i>SD</i>	<i>Mdn</i>
<b>Female</b>								
Graduated, or expect to graduate, on time	206	97.6	6,585	94.3	66.4	32.0	14.7	28.0
Academic dismissal	70	33.2	113	1.6	1.1	1.6	1.2	1.0
Non-academic dismissal (e.g., professionalism sanction)	2	0.9	2	0.0	0.0	NR	NR	NR
Withdrew: Medical reason(s)	16	7.6	17	0.2	0.2	1.1	0.3	1.0
Withdrew: Personal reason(s)	66	31.3	90	1.3	0.9	1.4	0.7	1.0
Decelerated: Short-term (graduated less than one year late)	43	20.4	81	1.2	0.8	1.9	1.3	1.0
Decelerated: Long-term (to next cohort)	50	23.7	92	1.3	0.9	1.8	1.4	1.0
Subtotal	207	98.1	6,980	100.0	70.3	33.7	15.6	30.0
<b>Male</b>								
Graduated, or expect to graduate, on time	205	97.2	2,488	91.5	25.1	12.1	10.7	10.0
Academic dismissal	47	22.3	52	1.9	0.5	1.1	0.4	1.0
Non-academic dismissal (e.g., professionalism sanction)	6	2.8	6	0.2	0.1	1.0	0.0	1.0
Withdrew: Medical reason(s)	9	4.3	9	0.3	0.1	1.0	0.0	1.0
Withdrew: Personal reason(s)	38	18.0	52	1.9	0.5	1.4	1.1	1.0
Decelerated: Short-term (graduated less than one year late)	25	11.8	50	1.8	0.5	2.0	2.7	1.0
Decelerated: Long-term (to next cohort)	41	19.4	62	2.3	0.6	1.5	1.0	1.0
Subtotal	205	97.2	2,719	100.0	27.4	13.3	12.0	11.0
<b>Unknown gender</b>								
Graduated, or expect to graduate, on time	5	2.4	200	89.7	2.0	40.0	13.1	42
Academic dismissal	2	0.9	12	5.4	0.1	NR	NR	NR
Non-academic dismissal (e.g., professionalism sanction)	0	0.0	0	0.0	0.0	NR	NR	NR
Withdrew: Medical reason(s)	2	0.9	5	2.2	0.1	NR	NR	NR
Withdrew: Personal reason(s)	0	0.0	0	0.0	0.0	NR	NR	NR
Decelerated: Short-term (graduated less than one year late)	0	0.0	0	0.0	0.0	NR	NR	NR
Decelerated: Long-term (to next cohort)	2	0.9	6	2.7	0.1	NR	NR	NR
Subtotal	6	2.8	223	100.0	2.2	37.2	23.2	37.5
<b>Total</b>								
Graduated, or expect to graduate, on time	211	100.0	9,273	93.5	93.5	43.9	20.5	39.0
Academic dismissal	93	44.1	177	1.8	1.8	1.9	1.5	1.0
Non-academic dismissal (e.g., professionalism sanction)	8	3.8	8	0.1	0.1	1.0	0.0	1.0
Withdrew: Medical reason(s)	25	11.8	31	0.3	0.3	1.2	0.5	1.0
Withdrew: Personal reason(s)	86	40.8	142	1.4	1.4	1.7	1.2	1.0
Decelerated: Short-term (graduated less than one year late)	54	25.6	131	1.3	1.3	2.4	2.9	2.0
Decelerated: Long-term (to next cohort)	73	34.6	160	1.6	1.6	2.2	1.8	1.0
<b>Total</b>	<b>211</b>	<b>100.0</b>	<b>9,922</b>	<b>100.0</b>	<b>100.0</b>	<b>47.0</b>	<b>22.4</b>	<b>41.0</b>

**TABLE 57B. 2019 COHORT: STUDENT STATUS BY GENDER (%)**

	<i>n</i> (S)	Female	Male	Unknown Gender
Graduated, or expect to graduate, on time	9,273	71.0	26.8	2.2
Academic dismissal	177	63.8	29.4	6.8
Non-academic dismissal (e.g., professionalism sanction)	8	25.0	75.0	0.0
Withdrew: Medical reason(s)	31	54.8	29.0	16.1
Withdrew: Personal reason(s)	142	63.4	36.6	0.0
Decelerated: Short-term (graduated less than one year late)	131	61.8	38.2	0.0
Decelerated: Long-term (to next cohort)	160	57.5	38.8	3.8
<b>Total</b>	<b>9,922</b>	<b>70.3</b>	<b>27.4</b>	<b>2.2</b>

**TABLE 58A. 2019 COHORT: ETHNICITY BY STUDENT STATUS**

	<i>n</i> (P)	% (P)	<i>n</i> (S)	% (S)	% (All S)	<i>M</i>	<i>SD</i>	<i>Mdn</i>
<b>Hispanic, Latino, or Spanish in origin</b>								
Graduated, or expect to graduate, on time	155	73.8	772	91.6	7.9	5.0	8.2	3.0
Academic dismissal	14	6.7	18	2.1	0.2	1.3	0.6	1.0
Non-academic dismissal (e.g., professionalism sanction)	0	0.0	0	0.0	0.0	NR	NR	NR
Withdrew: Medical reason(s)	3	1.4	3	0.4	0.0	NR	NR	NR
Withdrew: Personal reason(s)	15	7.1	17	2.0	0.2	1.1	0.5	1.0
Decelerated: Short-term (graduated less than one year late)	7	3.3	12	1.4	0.1	1.7	1.3	1.0
Decelerated: Long-term (to next cohort)	15	7.1	21	2.5	0.2	1.4	0.6	1.0
Subtotal	160	76.2	843	100.0	8.6	5.3	8.4	3.0
<b>Not Hispanic, Latino, or Spanish in origin</b>								
Graduated, or expect to graduate, on time	186	88.6	7,303	93.6	74.8	39.3	17.8	34.0
Academic dismissal	73	34.8	131	1.7	1.3	1.8	1.3	1.0
Non-academic dismissal (e.g., professionalism sanction)	7	3.3	7	0.1	0.1	1.0	0.0	1.0
Withdrew: Medical reason(s)	21	10.0	25	0.3	0.3	1.2	0.4	1.0
Withdrew: Personal reason(s)	70	33.3	110	1.4	1.1	1.6	1.2	1.0
Decelerated: Short-term (graduated less than one year late)	41	19.5	100	1.3	1.0	2.4	2.7	2.0
Decelerated: Long-term (to next cohort)	61	29.0	125	1.6	1.3	2.0	1.8	1.0
Subtotal	195	92.9	7,801	100.0	79.9	40.0	20.4	36.0
<b>Unknown ethnicity</b>								
Graduated, or expect to graduate, on time	51	24.3	1,050	94.3	10.8	20.6	20.0	16.0
Academic dismissal	11	5.2	24	2.2	0.2	2.2	2.7	1.0
Non-academic dismissal (e.g., professionalism sanction)	0	0.0	0	0.0	0.0	NR	NR	NR
Withdrew: Medical reason(s)	4	1.9	7	0.6	0.1	NR	NR	NR
Withdrew: Personal reason(s)	6	2.9	10	0.9	0.1	1.7	1.0	1.0
Decelerated: Short-term (graduated less than one year late)	7	3.3	10	0.9	0.1	1.4	0.8	1.0
Decelerated: Long-term (to next cohort)	8	3.8	13	1.2	0.1	1.6	1.1	1.0
Subtotal	62	29.5	1,114	100.0	11.4	18.0	20.4	7.5
<b>Total</b>								
Graduated, or expect to graduate, on time	207	98.6	9,125	93.5	93.5	44.1	20.6	39.0
Academic dismissal	91	43.3	173	1.8	1.8	1.9	1.6	1.0
Non-academic dismissal (e.g., professionalism sanction)	7	3.3	7	0.1	0.1	1.0	0.0	1.0
Withdrew: Medical reason(s)	28	13.3	35	0.4	0.4	1.3	0.5	1.0
Withdrew: Personal reason(s)	81	38.6	137	1.4	1.4	1.7	1.2	1.0
Decelerated: Short-term (graduated less than one year late)	50	23.8	122	1.3	1.3	2.4	3.0	1.5
Decelerated: Long-term (to next cohort)	70	33.3	159	1.6	1.6	2.3	1.9	2.0
<b>Total</b>	<b>210</b>	<b>100.0</b>	<b>9,758</b>	<b>100.0</b>	<b>100.0</b>	<b>46.5</b>	<b>23.0</b>	<b>40.0</b>

**TABLE 58B. 2019 COHORT: STUDENT STATUS BY ETHNICITY (%)**

	<i>n</i> (S)	Hispanic, Latino, or Spanish in Origin	Not Hispanic, Latino, or Spanish in Origin	Unknown Ethnicity
Graduated, or expect to graduate, on time	9,125	8.5	80.0	11.5
Academic dismissal	173	10.4	75.7	13.9
Non-academic dismissal (e.g., professionalism sanction)	7	0.0	100.0	0.0
Withdrew: Medical reason(s)	35	8.6	71.4	20.0
Withdrew: Personal reason(s)	137	12.4	80.3	7.3
Decelerated: Short-term (graduated less than one year late)	122	9.8	82.0	8.2
Decelerated: Long-term (to next cohort)	159	13.2	78.6	8.2
<b>Total</b>	<b>9,758</b>	<b>8.6</b>	<b>79.9</b>	<b>11.4</b>

*Of the 197 programs that reported some ethnicity information (excluding those that only reported “Do not know”) for their 2019 graduating cohort, 42 (21.3%) reported no Hispanic graduates.*

**TABLE 59A. 2019 COHORT: RACE BY STUDENT STATUS**

	<i>n</i> (P)	% (P)	<i>n</i> (S)	% (S)	% (All S)	<i>M</i>	<i>SD</i>	<i>Mdn</i>
<b>American Indian or Alaskan Native</b>								
Graduated, or expect to graduate, on time	40	19.0	48	90.6	0.5	1.2	0.5	1.0
Academic dismissal	3	1.4	3	5.7	0.0	NR	NR	NR
Non-academic dismissal (e.g., professionalism sanction)	0	0.0	0	0.0	0.0	NR	NR	NR
Withdrew: Medical reason(s)	0	0.0	0	0.0	0.0	NR	NR	NR
Withdrew: Personal reason(s)	1	0.5	1	1.9	0.0	NR	NR	NR
Decelerated: Short-term (graduated less than one year late)	1	0.5	1	1.9	0.0	NR	NR	NR
Decelerated: Long-term (to next cohort)	0	0.0	0	0.0	0.0	NR	NR	NR
Subtotal	43	20.5	53	100.0	0.5	1.2	0.6	1.0
<b>Asian</b>								
Graduated, or expect to graduate, on time	170	81.0	793	92.0	8.0	4.7	3.8	3.5
Academic dismissal	19	9.0	22	2.6	0.2	1.2	0.7	1.0
Non-academic dismissal (e.g., professionalism sanction)	2	1.0	2	0.2	0.0	NR	NR	NR
Withdrew: Medical reason(s)	1	0.5	1	0.1	0.0	NR	NR	NR
Withdrew: Personal reason(s)	12	5.7	13	1.5	0.1	1.1	0.3	1.0
Decelerated: Short-term (graduated less than one year late)	11	5.2	14	1.6	0.1	1.3	0.6	1.0
Decelerated: Long-term (to next cohort)	12	5.7	17	2.0	0.2	1.4	0.7	1.0
Subtotal	172	81.9	862	100.0	8.7	5.0	4.0	4.0
<b>Black or African American</b>								
Graduated, or expect to graduate, on time	124	59.0	298	81.2	3.0	2.4	2.2	2.0
Academic dismissal	15	7.1	18	4.9	0.2	1.2	0.4	1.0
Non-academic dismissal (e.g., professionalism sanction)	1	0.5	1	0.3	0.0	NR	NR	NR
Withdrew: Medical reason(s)	0	0.0	0	0.0	0.0	NR	NR	NR
Withdrew: Personal reason(s)	11	5.2	15	4.1	0.2	1.4	0.9	1.0
Decelerated: Short-term (graduated less than one year late)	12	5.7	15	4.1	0.2	1.3	0.5	1.0
Decelerated: Long-term (to next cohort)	15	7.1	20	5.4	0.2	1.3	0.5	1.0
Subtotal	133	63.3	367	100.0	3.7	2.8	2.6	2.0
<b>Multiracial</b>								
Graduated, or expect to graduate, on time	67	31.9	190	95.0	1.9	2.8	3.6	2.0
Academic dismissal	4	1.9	4	2.0	0.0	NR	NR	NR
Non-academic dismissal (e.g., professionalism sanction)	0	0.0	0	0.0	0.0	NR	NR	NR
Withdrew: Medical reason(s)	0	0.0	0	0.0	0.0	NR	NR	NR
Withdrew: Personal reason(s)	1	0.5	1	0.5	0.0	NR	NR	NR
Decelerated: Short-term (graduated less than one year late)	2	1.0	2	1.0	0.0	NR	NR	NR

**TABLE 59A. 2019 COHORT: RACE BY STUDENT STATUS (continued)**

Decelerated: Long-term (to next cohort)	1	0.5	3	1.5	0.0	NR	NR	NR
Subtotal	72	34.3	200	100.0	2.0	2.8	3.8	2.0
<b>Native Hawaiian or Pacific Islander</b>								
Graduated, or expect to graduate, on time	18	8.6	92	97.9	0.9	5.1	11.3	1.0
Academic dismissal	0	0.0	0	0.0	0.0	NR	NR	NR
Non-academic dismissal (e.g., professionalism sanction)	0	0.0	0	0.0	0.0	NR	NR	NR
Withdrew: Medical reason(s)	0	0.0	0	0.0	0.0	NR	NR	NR
Withdrew: Personal reason(s)	1	0.5	1	1.1	0.0	NR	NR	NR
Decelerated: Short-term (graduated less than one year late)	1	0.5	1	1.1	0.0	NR	NR	NR
Decelerated: Long-term (to next cohort)	0	0.0	0	0.0	0.0	NR	NR	NR
Subtotal	20	9.5	94	100.0	1.0	4.7	10.7	1.0
<b>White</b>								
Graduated, or expect to graduate, on time	190	90.5	6,635	94.6	67.1	34.9	17.1	30.0
Academic dismissal	57	27.1	93	1.3	0.9	1.6	1.0	1.0
Non-academic dismissal (e.g., professionalism sanction)	4	1.9	4	0.1	0.0	NR	NR	NR
Withdrew: Medical reason(s)	21	10.0	24	0.3	0.2	1.1	0.4	1.0
Withdrew: Personal reason(s)	60	28.6	86	1.2	0.9	1.4	0.9	1.0
Decelerated: Short-term (graduated less than one year late)	34	16.2	77	1.1	0.8	2.3	2.6	1.0
Decelerated: Long-term (to next cohort)	54	25.7	93	1.3	0.9	1.7	1.3	1.0
Subtotal	194	92.4	7,012	100.0	70.9	36.1	18.8	32.0
<b>Other race</b>								
Graduated, or expect to graduate, on time	68	32.4	265	90.4	2.7	3.9	3.7	2.5
Academic dismissal	6	2.9	8	2.7	0.1	1.3	0.5	1.0
Non-academic dismissal (e.g., professionalism sanction)	0	0.0	0	0.0	0.0	NR	NR	NR
Withdrew: Medical reason(s)	1	0.5	1	0.3	0.0	NR	NR	NR
Withdrew: Personal reason(s)	8	3.8	8	2.7	0.1	1.0	0.0	1.0
Decelerated: Short-term (graduated less than one year late)	4	1.9	4	1.4	0.0	NR	NR	NR
Decelerated: Long-term (to next cohort)	7	3.3	7	2.4	0.1	1.0	0.0	1.0
Subtotal	74	35.2	293	100.0	3.0	4.0	3.7	3.0
<b>Unknown race</b>								
Graduated, or expect to graduate, on time	69	32.9	927	92.2	9.4	13.4	18.1	5.0
Academic dismissal	9	4.3	23	2.3	0.2	2.6	2.9	1.0
Non-academic dismissal (e.g., professionalism sanction)	0	0.0	0	0.0	0.0	NR	NR	NR
Withdrew: Medical reason(s)	7	3.3	11	1.1	0.1	1.6	0.8	1.0
Withdrew: Personal reason(s)	7	3.3	10	1.0	0.1	1.4	0.8	1.0
Decelerated: Short-term (graduated less than one year late)	8	3.8	14	1.4	0.1	1.8	1.4	1.0
Decelerated: Long-term (to next cohort)	12	5.7	20	2.0	0.2	1.7	0.9	1.5
Subtotal	75	35.7	1,005	100.0	10.2	13.4	19.0	5.0
<b>Total</b>								
Graduated, or expect to graduate, on time	210	100.0	9,248	93.5	93.5	44.0	20.5	39.0
Academic dismissal	89	42.4	171	1.7	1.7	1.9	1.6	1.0
Non-academic dismissal (e.g., professionalism sanction)	7	3.3	7	0.1	0.1	1.0	0.0	1.0
Withdrew: Medical reason(s)	30	14.3	37	0.4	0.4	1.2	0.5	1.0
Withdrew: Personal reason(s)	80	38.1	135	1.4	1.4	1.7	1.2	1.0
Decelerated: Short-term (graduated less than one year late)	53	25.2	128	1.3	1.3	2.4	2.9	2.0
Decelerated: Long-term (to next cohort)	72	34.3	160	1.6	1.6	2.2	1.8	2.0
<b>Total</b>	<b>210</b>	<b>100.0</b>	<b>9,886</b>	<b>100.0</b>	<b>100.0</b>	<b>47.1</b>	<b>22.4</b>	<b>41.0</b>

**TABLE 59B. 2019 COHORT: STUDENT STATUS BY RACE (%)**

	<i>n</i> (S)	American Indian or Alaskan Native	Asian	Black or African American	Multiracial	Native Hawaiian or Pacific Islander	White	Other Race	Unknown Race
Graduated, or expect to graduate, on time	9,248	0.5	8.6	3.2	2.1	1.0	71.7	2.9	10.0
Academic dismissal	171	1.8	12.9	10.5	2.3	0.0	54.4	4.7	13.5
Non-academic dismissal (e.g., professionalism sanction)	7	0.0	28.6	14.3	0.0	0.0	57.1	0.0	0.0
Withdrew: Medical reason(s)	37	0.0	2.7	0.0	0.0	0.0	64.9	2.7	29.7
Withdrew: Personal reason(s)	135	0.7	9.6	11.1	0.7	0.7	63.7	5.9	7.4
Decelerated: Short-term (graduated less than one year late)	128	0.8	10.9	11.7	1.6	0.8	60.2	3.1	10.9
Decelerated: Long-term (to next cohort)	160	0.0	10.6	12.5	1.9	0.0	58.1	4.4	12.5
<b>Total</b>	<b>9,886</b>	<b>0.5</b>	<b>8.7</b>	<b>3.7</b>	<b>2.0</b>	<b>1.0</b>	<b>70.9</b>	<b>3.0</b>	<b>10.2</b>

*Of the 199 programs that reported some race information (excluding those that only reported “Other” or “Do not know”) for their 2019 graduating cohort, 14 (7.0%) reported no non-White graduates.*