

PAEA RESEARCH

Program Report 36

By the Numbers | Data from the 2021 Program Survey

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Acknowledgements

PAEA acknowledges the Research Mission Advancement Commission (RMAC) and its current chair, Mary Warner, DBH, PA-C, for their review and guidance. The PAEA Research Team was responsible for the development and administration of the survey as well as for the preparation of this report. For any questions regarding the contents of this report, please contact research@PAEAonline.org.

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The PAEA RMAC and Research Team would like to thank the program directors, faculty, and staff who provided these data.

Recommended Citation

PA Education Association, *By the Numbers: Program Report 36: Data from the 2021 Program Survey*, Washington, DC: PAEA; 2023 DOI: 10.17538/PR36.2021



Program Report 36

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INTRODUCTION

PA EDUCATION ASSOCIATION

Founded in 1972, the PA Education Association (PAEA) represents all physician assistant (PA) education programs in the United States. At the beginning of the 2021 Program Survey administration in November 2021, PAEA represented 284 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 late 2021, during the midst of the COVID-19 (coronavirus) pandemic. During the period of the survey administration, the Omicron variant was beginning to spread throughout communities across the United States. In light of the challenges faced by programs due to the constantly changing nature of the pandemic and CDC and state guidelines during the past several academic years, the timeline for the administration of the Program Survey was shifted from late spring/summer as in past administrations to late Fall/winter and the completion window was shortened. In addition, PAEA chose not to make Program survey completion a requirement for its members due to these constraints. As a result, the response rate for the 2021 Program Survey is much lower than in previous administrations. As members utilize the findings within the Program Report, please keep in mind that some figures might be lower than expected, both due to the lowered response rate and due to the changes that programs underwent due to the pandemic. PAEA members are also encouraged to refer back to our limited series of COVID-19 Rapid Response Reports that were released in 2021 and 2022 to find out more out how PA programs have undergone since the onset of the pandemic in March 2020.

METHODS

THE SURVEY INSTRUMENTS

The 2021 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 2021 cohort of PA students
- **Section 5. Specialized Supervised Clinical Practice Experience:** Program usage of Veterans Affairs and Community Health Centers

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 2020–2021 academic year. The financial information is based on the 2020–2021 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 2021 Program Survey was sent to the program directors of PAEA's 284 member programs in November 2021. The PAEA Research Team sent email reminders to non-respondents and conducted follow-up calls until the survey closed in January 2022. The survey yielded an overall response rate of 71.8% based on the 204 respondents; however, the response rate varies for individual items. No survey was conducted in 2020 due to the onset of the COVID-19 (coronavirus) pandemic in March 2020. Completion of the 2021 Program Survey was not mandatory due to the ongoing nature of the pandemic in the Fall/Winter of 2021. As a result, the Program survey response rate is significantly lower than response rates for past survey administrations.

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.

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. As in recent years, this report includes information on the proportion of programs that did not report demographic information for their first-year class (Table 48) and their 2021 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. In addition, for the first time, Program Report 36 includes information about member programs' Minority Serving Institution status, rurality/urbanicity (locale classification), Veterans Affairs (VA) and community health centers as clinical placements, and use of MAT Waiver Training.

LIMITATIONS

As previously noted, impacts of the COVID-19 pandemic may significantly limit the generalizability of this report. This report does not contain complete coverage of all PAEA member programs at the time of survey administration. Still, the response rate of 71.8% 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).

QUESTIONS & DATA REQUESTS

The data from the 2021 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 data@PAEAonline.org.

SECTION 1. GENERAL INFORMATION

FIGURE 1. CUMULATIVE TOTAL NUMBER OF PROGRAMS SINCE 1965

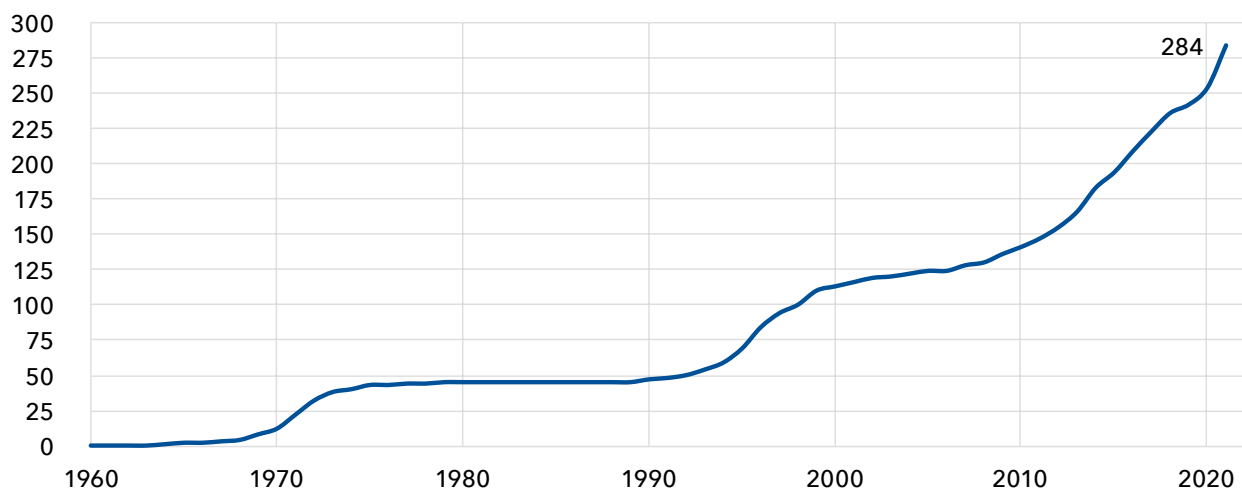


TABLE 1: SPONSORING INSTITUTION ATTRIBUTES

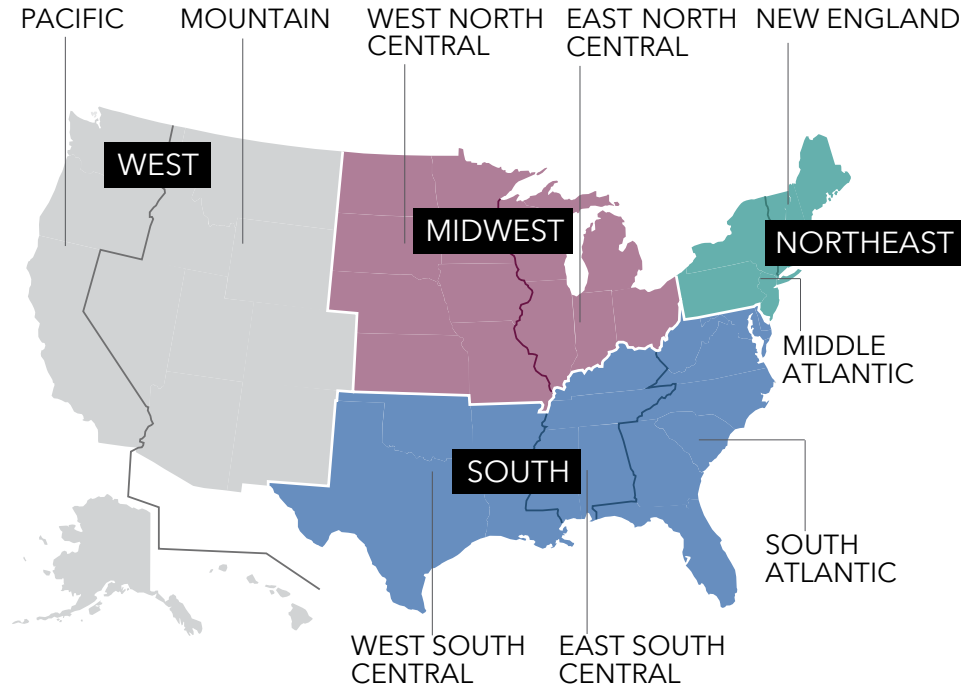
	<i>n</i>	%
Type of Institution		
Private, non-profit	127	62.3
Public	64	31.4
Private, for-profit	8	3.9
Public/private hybrid	5	2.5
Academic Health Center Status		
Non-AHC	143	70.1
AHC	61	29.9
Administrative Housing		
School of Allied Health/Health Professions/Health Sciences	106	52
Department of PA Studies/PA Program	42	20.6
College/School of Medicine	34	16.7
Other	2	1
College of Graduate/Professional Studies	8	3.9
Science Department	6	2.9
Other health discipline (e.g., Nursing, Pharmacy, Podiatry etc)	5	2.5
College of Arts and Sciences	1	0.5
Total	204	100

TABLE 2: MINORITY SERVING INSTITUTION STATUS

	<i>n</i>	%
Historically Black College or University	1	0.5
Hispanic-Serving Institution	8	3.9
Predominantly Black Institution	1	0.5
Native American Serving Institution	1	0.5
Total	11	5.4

****Note:** According to the [US Department of the Interior's Office of Diversity, Inclusion, and Civil Rights](#), MSIs are institutions of higher education that serve minority populations and include Historically Black Colleges and Universities (HBCUs), Hispanic-Serving Institution (HSIs), Tribal Colleges and Universities (TCUs), and Asian American and Pacific Islander Serving Institutions (AAPISIs). PAEA began collecting this data in 2021 during the COVID-19 Rapid Response Series.

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
(78 PROGRAMS)**

DIVISION 1 NEW ENGLAND

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

DIVISION 2 MIDDLE ATLANTIC

- New Jersey (6)
- New York (28)
- Pennsylvania (25)

**REGION 2 MIDWEST
(65 PROGRAMS)**

DIVISION 3 EAST NORTH CENTRAL

- Illinois (7)
- Indiana (8)
- Michigan (9)
- Ohio (14)
- Wisconsin (5)

DIVISION 4 WEST NORTH CENTRAL

- Iowa (5)
- Kansas (2)
- Minnesota (5)
- Missouri (4)
- Nebraska (4)
- North Dakota (1)
- South Dakota (1)

**REGION 3 SOUTH
(101 PROGRAMS)**

DIVISION 5 SOUTH ATLANTIC

- Delaware (0)
- District of Columbia (1)
- Georgia (6)
- Florida (17)
- Maryland (4)
- North Carolina (11)
- South Carolina (6)
- Virginia (8)
- West Virginia (5)

DIVISION 6 EAST SOUTH CENTRAL

- Alabama (4)
- Kentucky (4)
- Mississippi (2)
- Tennessee (11)

DIVISION 7 WEST SOUTH CENTRAL

- Arkansas (2)
- Louisiana (4)
- Oklahoma (5)
- Texas (11)

**REGION 4 WEST
(39 PROGRAMS)**

DIVISION 8 MOUNTAIN

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

DIVISION 9 PACIFIC

- Alaska (0)
- California (18)
- Hawaii (0)
- Oregon (3)
- Washington (2)

**PUERTO RICO AND THE OUTLYING AREAS
(1 PROGRAM)**

- Puerto Rico (1)

TABLE 3. GEOGRAPHIC DISTRIBUTION OF PROGRAMS

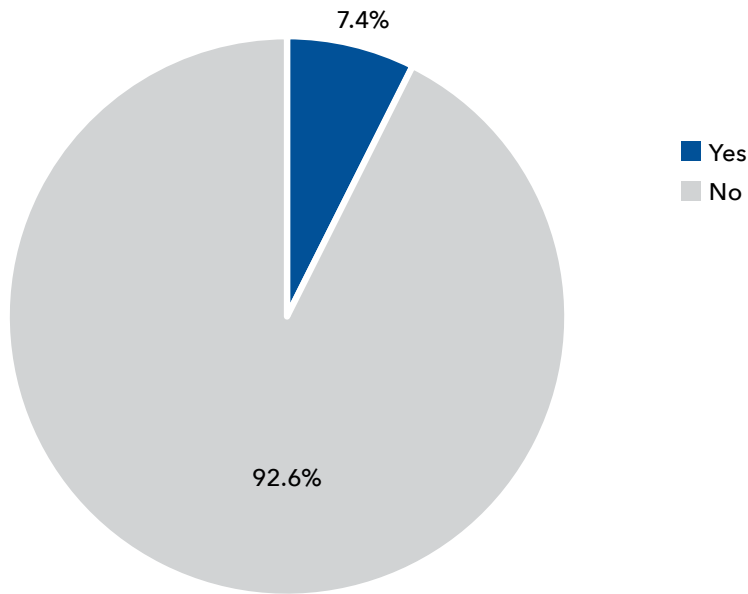
	Represented Programs		All Programs	
	<i>n</i>	%	<i>n</i>	%
Northeast Region				
New England Division	15	7.4	19	6.7
Middle Atlantic Division	42	20.6	59	20.8
Subtotal	57	27.9	78	27.5
Midwest Region				
East North Central Division	32	15.6	43	15.1
West North Central Division	19	9.3	22	7.8
Subtotal	51	24.9	65	22.9
South Region				
South Atlantic Division	42	20.6	58	20.4
East South Central Division	15	7.4	21	7.4
West South Central Division	15	7.4	22	7.8
Subtotal	72	35.4	101	35.6
West Region				
Mountain Division	11	5.4	16	5.6
Pacific Division	13	6.4	23	8.1
Subtotal	24	11.8	39	13.7
Puerto Rico and the Outlying Areas	0	0	1	0.4
Total	204	100.0	284	100.0

TABLE 4. PROGRAMS BY LOCALE CLASSIFICATION

	Represented Programs		All Programs	
	<i>n</i>	%	<i>n</i>	%
City				
Large	65	32.0	89	31.3
Midsized	32	15.8	42	15.1
Small	34	16.7	40	14.1
Subtotal	131	64.5	172	60.6
Suburban				
Large	41	20.2	64	22.5
Midsized	3	1.5	4	1.4
Small	2	1.0	5	2.1
Subtotal	46	22.7	74	26.1
Town				
Fringe	9	4.4	9	3.2
Distant	13	6.4	15	5.3
Remote	1	0.5	7	2.5
Subtotal	23	11.3	31	10.9
Rural				
Fringe	3	1.5	6	2.1
Distant	0	0.0	1	0.4
Remote	0	0.0	0	0.0
Subtotal	3	1.5	7	2.5
Total	203	100.0	284	100.0

Note: For more information about locale classifications, visit [NCES Locale Definitions](#).

FIGURE 3. SATELLITE CAMPUSES



15 programs reported operating a total of 21 satellite campuses. Of those programs with satellite campuses, 4 (26.7%) had separate admissions processes.

ACADEMIC TERMS & SCHEDULES

TABLE 5. ACADEMIC TERMS

	<i>n</i>	%
Semesters	171	83.8
Trimesters	14	6.9
Quarters	16	7.8
Other	3	1.5
Total	204	100.0

TABLE 6. CREDITS REQUIRED FOR COMPLETION BY ACADEMIC TERM

	<i>n</i>	Min	Max	<i>M</i>	<i>SD</i>	<i>Mdn</i>
Semesters	170	54.0	147.0	109.2	15.6	108.0
Trimesters	14	85.0	130.0	122.8	11.1	115.0
Quarters	16	110.0	193.0	149.0	24.3	146.5
Other	3	109.0	116.0	112.8	3.5	113.5
Total	203	54.0	193.0	112.7	19.3	112.0

FIGURE 4. PROGRAM START AND END MONTHS

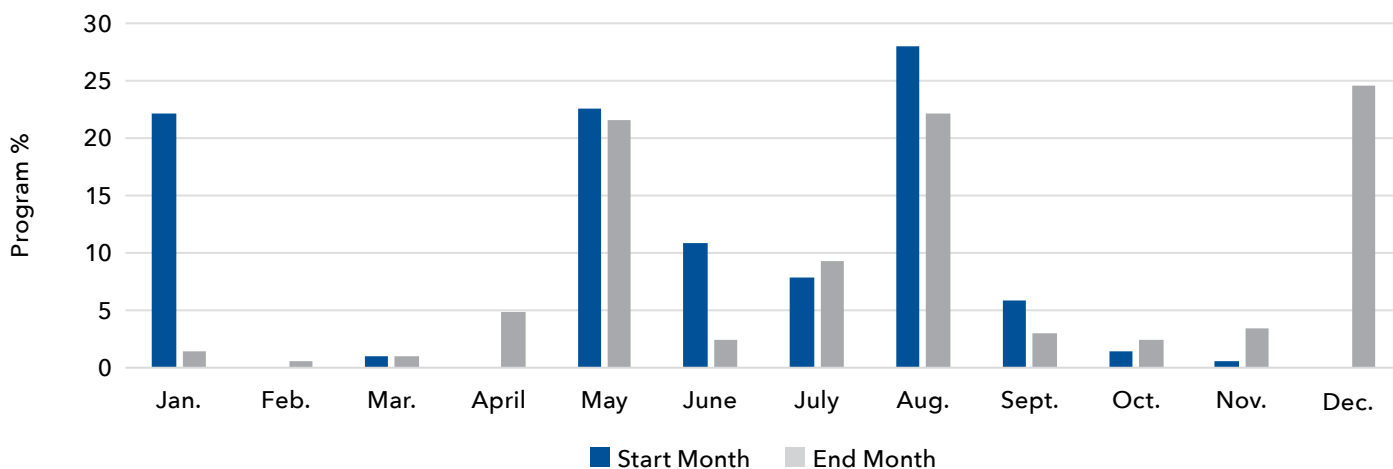


TABLE 7. PROGRAM LENGTH (WEEKS)

	<i>n</i>	Min	Max	<i>M</i>	<i>SD</i>	P10	P25	P50 (<i>Mdn</i>)	P75	P90
Didactic phase	202	43.0	94.0	56.6	9.0	48.0	52.0	52.0	63.0	68.0
Clinical phase	202	26.0	78.0	54.8	7.8	48.0	50.0	52.0	60.0	68.0
Vacation	203	2.0	33.0	9.4	4.4	5.0	7.0	8.0	11.0	14.0

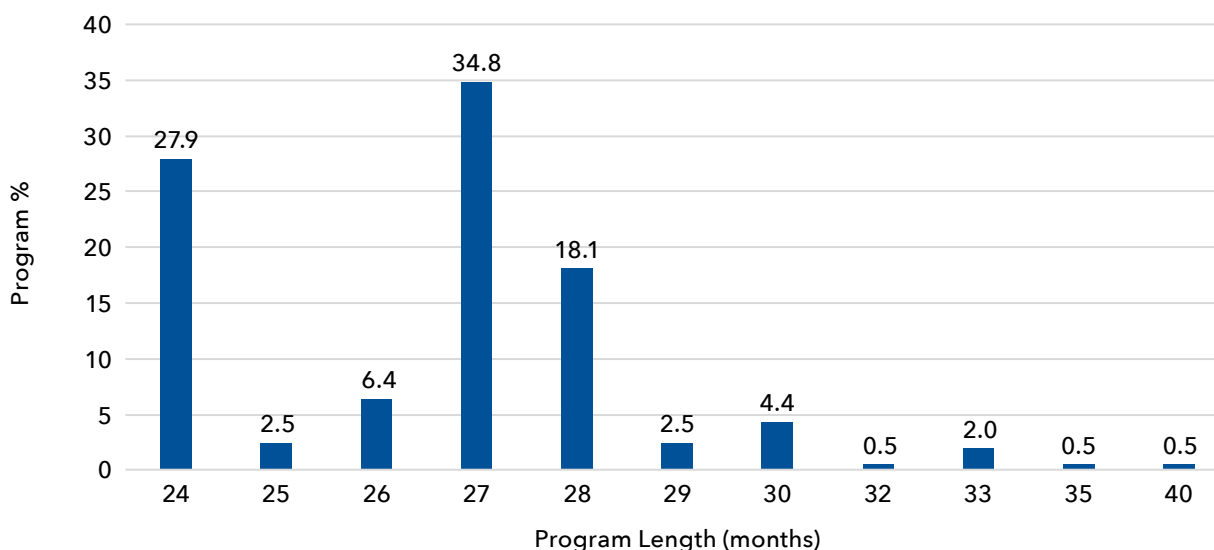
Note: The length of didactic and clinical phases did not exclude vacations or other time off. 46 programs (22.5%) offered clinical experiences during the didactic phase. On average, these programs offered clinical experiences on 14.9 days (Min = 2.0, Max = 40.0, SD = 9.5, Mdn = 9.0).

48 programs (23.5%) offered clinical experiences during the didactic phase. On average, these programs offered clinical experiences on 14.9 days (Min = 2.0, Max = 160.0, SD = 23.6, Mdn = 9.0).

TABLE 8. TOTAL PROGRAM LENGTH (MONTHS)

	<i>n</i>	Min	Max	<i>M</i>	<i>SD</i>	<i>Mdn</i>
PA program length	204	24.0	40.0	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 2020–2021 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 9. ADMISSIONS

	<i>n (P)</i>	<i>n (S)</i>	<i>M</i>	<i>SD</i>	<i>P10</i>	<i>P25</i>	<i>P50 (Mdn)</i>	<i>P75</i>	<i>P90</i>	Mean % of Admissions
Admitted from undergraduate, pre-professional track to the graduate phase	16	440	27.5	20.7	3.7	7.5	28.0	39.3	61.7	50.7
Direct program admission (not through CASPA) to the graduate phase	19	318	16.7	17.9	1.0	2.0	5.0	32.0	44.0	45.0
CASPA applicant to the graduate phase (not part of undergraduate, pre-professional track)	192	8,760	45.6	24.8	24.0	30.0	40.0	54.0	80.0	97.1

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. For example, for the 16 programs reporting that they admitted from undergraduate, pre-professional track to the graduate phase, on average 50.7% of their admissions used this pathway.

TABLE 10. USE OF CASPA IN ADMISSIONS

	<i>n</i>	<i>%</i>
All students were admitted through CASPA	170	83.7
Some but not all students were admitted through CASPA	22	10.8
No students were admitted through CASPA	11	5.4
Total	203	100.0

94.1% of programs reported using CASPA to admit some or all students.

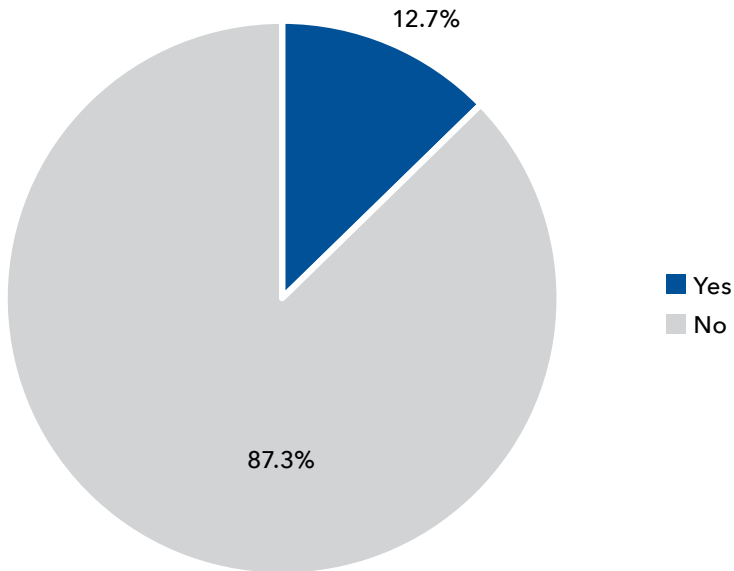
CREDENTIALS

TABLE 11. PRIMARY CREDENTIAL AWARDED TO PA GRADUATES

	<i>n</i>	%
Master's degree (not Master's of Public Health)	194	95.1
Master's of Public Health (MPH) as part of a dual Master's degree program	8	3.9
Dual Degree	1	0.5
Certificate of Completion	1	0.5
Total	204	100.0

PRE-PROFESSIONAL PHASE

FIGURE 6. PROGRAMS WITH A PRE-PROFESSIONAL PHASE



26 programs (12.7%) reported having a pre-professional phase. These programs reported admitting a total of 853 preprofessional students (Min = 2, Max = 150, $M=35.5$, $SD = 35.5$, $Mdn = 29.5$) in the 2020-2021 academic year.

TABLE 12. PROGRAM MODELS FOR THE PRE-PROFESSIONAL PHASE

	<i>n</i>	%
3+2	14	56.0
4+2	4	16.0
3+3	1	4.0
2+3	1	4.0
Other	5	20.0
Total	25	100.0

SECTION 2. FINANCIAL INFORMATION

Programs were asked to supply their financial information for the 2020–2021 fiscal year, as defined by the program, rather than the 2020–2021 academic year.

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

	<i>n</i>	%
July 1 - June 30	154	75.5
June 1 - May 31	31	15.2
September 1 - August 31	8	3.9
October 1 - September 30	6	2.9
January 1 - December 31	4	2.0
Other (August 1 - July 31)	1	0.5
Total	204	100.0

PROGRAM BUDGET

Programs were asked to indicate all funding sources for their 2020–2021 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 185 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	66.5	123	1,733,623	1,368,184	1,994,526	235,183	659,043	1,348,754	2,062,724	3,341,105	82.8
Tuitions and fees received directly by the program	50.8	94	2,681,918	2,318,889	2,421,957	119,129	626,531	2,340,668	3,651,167	5,778,248	74.2
Federal grant/contract	13.0	24	236,641	209,970	230,313	13,893	66,022	126,918	351,369	632,200	10.5
Private donations and gifts	11.9	22	38,792	25,748	59,352	1,082	1,565	11,250	64,401	118,589	6.7
State appropriations	11.4	21	828,846	730,824	766,100	32,915	246,857	689,535	1,175,113	1,616,758	37.9
Other	11.4	21	356,777	189,233	694,944	9,214	19,298	47,259	348,054	1,552,399	21.3
Endowment	5.9	11	130,108	103,340	174,653	2,499	18,950	35,112	291,947	475,000	5.6
State grant/contract (not appropriations)	4.9	9	155,056	155,056	215,732	42,508	51,500	60,000	176,500	355,000	4.4
Clinical practice income	2.7	5	64,348	64,348	50,777	17,503	25,143	38,796	116,330	120,945	2.8
Total		185	2,733,660	2,237,345	2,555,044	464,781	1,294,775	1,928,050	3,270,555	6,014,248	100.0

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
Public											
Budgeted funds from sponsoring institution	66.1	39	1,650,664	1,205,471	2,250,066	273,183	660,000	1,114,532	1,689,449	3,525,733	75.9
Tuition and fees received directly by the program	49.2	29	1,754,054	1,423,656	2,141,633	119,057	263,116	1,457,828	2,419,823	3,592,315	60.1
State appropriations	35.6	21	828,846	740,631	766,100	32,915	246,857	689,535	1,175,113	1,616,758	37.9
Federal grant/contract	16.9	10	263,750	263,750	201,634	71,734	91,214	197,193	470,521	579,168	17.4
Private donations and gifts	11.9	7	27,395	27,395	29,971	1,289	1,300	8,000	71,168	71,198	1.4
Endowment	8.5	5	121,310	121,310	189,968	9,731	11,882	35,112	273,838	319,070	8.4
Total		59	2,395,486	1,911,273	2,349,249	731,697	1,190,570	1,689,449	2,728,088	3,939,195	100.0
Private											
Budgeted funds from sponsoring institution	67.5	83	1,781,866	1,476,676	1,886,710	231,706	633,580	1,507,000	2,131,400	3,341,105	85.8
Tuition and fees received directly by the program	52.0	64	3,087,459	2,788,276	2,458,223	115,866	1,591,960	2,742,691	4,037,582	6,357,670	80.7
State appropriations	11.4	14	217,278	186,408	245,169	7,500	31,484	94,208	340,580	742,500	5.6
Federal grant/contract	12.2	15	44,111	32,080	68,845	880	1,600	12,500	32,145	182,762	7.5
Private donations and gifts	30.0	6	137,439	137,439	143,695	13,475	16,213	65,369	312,710	333,474	3.2
Endowment	4.9	6	62,251	62,251	16,210	46,254	48,127	56,500	84,000	84,000	1.9
Total		123	2,912,190	2,443,811	2,662,966	336,180	1,425,230	2,066,424	3,566,944	6,529,690	100.0

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>	P10	P25	P50 (Mdn)	P75	P90	Mean % of Budget
25 or fewer students										
Budgeted funds from sponsoring institution	16	1,013,942	923,610	796,211	97,209	431,006	945,200	1,309,061	2,442,771	77.0
Federal grant/contract	6	185,239	185,239	217,547	10,000	51,022	78,672	369,848	439,698	20.4
State appropriations	5	537,798	537,798	314,868	238,114	246,857	516,666	839,305	869,258	39.2
Tuition and fees received directly by the program	17	1,270,704	1,226,864	976,833	99,646	274,450	1,112,712	1,985,940	2,841,305	73.2
Total	28	1,938,577	1,549,170	2,404,582	291,310	1,107,743	1,505,763	2,101,408	3,183,454	100.0
26-50 students										
Budgeted funds from sponsoring institution	73	1,529,315	1,217,106	1,529,315	235,183	470,618	1,235,783	1,752,458	2,692,085	82.4
Endowment	5	151,243	151,243	169,286	18,950	20,795	47,676	333,474	341,779	3.8
Federal grant/contract	11	212,905	170,773	275,134	7,557	36,050	101,784	300,000	777,000	6.2
Private donations and gifts	16	37,225	24,531	67,789	910	1,340	6,175	44,979	171,389	6.9
State appropriations	10	724,709	700,576	509,197	42,826	275,816	664,048	1,109,376	1,586,398	31.5
Tuition and fees received directly by the program	56	2,724,426	2,491,769	2,099,185	94,150	1,509,063	2,562,855	3,584,944	5,097,369	2.1
Total	109	2,554,311	2164551	2,226,450	397,138	1,369,566	1,775,534	3,222,661	4,700,000	100.0

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

	<i>n</i>	<i>M</i>	<i>M(T)</i>	<i>SD</i>	P10	P25	P50 (Mdn)	P75	P90	Mean % of Budget
51-75 students										
Budgeted funds from sponsoring institution	26	2,274,094	1,965,491	1,976,492	149,039	1,176,671	1,959,250	2,658,531	4,577,600	85.5
Federal grant/contract	6	311,539	311,539	176,779	85,000	166,000	289,575	470,521	506,043	9.8
State appropriations	6	1,244,948	1,244,948	1,219,610	30,502	39,550	1,237,000	2,037,575	2,461,310	47.5
Tuition and fees received directly by the program	14	2,972,067	2,603,624	3,109,695	105,428	243,790	2,411,863	5,163,837	8,444,569	65.2
Total	37	3,633,317	2,859,241	4,439,279	219,621	1,547,272	2,465,293	3,950,020	7,648,640	100.0
76-100 students										
Total	6	5,408,354	5,408,354	2,890,229	2,336,374	2,394,801	5,132,291	8,508,965	8,717,446	100.0

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>	P10	P25	P50 (Mdn)	P75	P90
Public									
Budgeted funds from sponsoring institution									
25 or fewer students	9	892,417	892,417	637,389	51,000	320,538	833,399	1,247,469	1,518,791
26-50 students	19	1,735,957	1,254,500	2,450,797	395,633	659,043	1,116,523	1,689,449	3,525,733
51-75 students	7	2,411,400	2,411,400	3,233,651	16,627	731,697	1,280,000	20,758,380	5,085,228
Subtotal	39	1,650,664	1,205,471	2,250,066	273,183	660,000	1,114,532	1,689,449	3,525,733
Tuition and fees received directly by the program									
25 or fewer students	5	635,092	635,092	461,680	119,057	181,573	612,000	1,100,157	1,102,668
26-50 students	18	1,604,711	1,578,631	1,103,954	37,378	343,284	1,689,077	2,368,880	3,276,222
Subtotal	29	1,754,054	1,423,656	2,141,633	119,057	263,116	1,457,828	2,419,823	3,592,315
Total budget									
25 or fewer students	12	1,275,403	1,300,816	530,754	323,610	1,107,743	1,156,065	1,720,554	2,056,279
26-50 students	31	2,353,547	2,072,815	1,916,073	889,329	1,474,368	1,713,215	2,935,626	3,578,999
51-75 students	10	3,029,554	3,029,554	2,711,804	784,168	1,515,752	2,320,440	3,212,539	9,667,615
Subtotal	59	2,395,486	1,911,273	2,349,249	731,697	1,190,570	1,689,449	2,728,088	3,939,195

TABLE 17 (CONTINUED). 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>
Private									
Budgeted funds from sponsoring institution									
25 or fewer students	7	1,170,190	1,170,190	996,272	295,900	399,987	1,057,000	1,348,754	2,105,868
26-50 students	53	1,465,885	1,308,640	1,460,724	224,863	420,869	1,372,580	1,968,502	2,692,085
51-75 students	19	2,223,508	2,223,508	1,389,313	108,000	1,507,000	2,131,400	3,000,000	3,917,378
Subtotal	83	1,781,866	1,476,676	1,886,710	231,706	633,580	1,507,000	2,131,400	3,341,105
Tuition and fees received directly by the program									
25 or fewer students	12	1,535,542	1,522,751	1,024,826	90,400	410,925	1,752,105	2,306,944	3,051,114
26-50 students	38	3,254,818	3,148,224	2,256,438	100,050	2,131,578	3,073,040	4,000,570	5,902,826
51-75 students	9	3,818,932	3,818,932	3,496,490	91,656	236,366	3,711,881	6,357,670	7,347,032
Subtotal	64	3,087,459	2,788,276	2,458,223	115,866	1,591,960	2,742,691	4,037,582	6,357,670
Total budget									
25 or fewer students	16	2,435,957	1,802,698	3,096,018	282,130	1,095,997	1,848,523	2,669,886	6,515,340
26-50 students	76	2,669,879	2,455,977	2,365,001	336,452	1,204,646	2,015,294	3,535,749	6,211,177
51-75 students	23	3,252,520	3,008,100	2,390,717	522,231	1,574,326	2,538,616	4,506,396	6,642,657
76-100 students	5	4,829,928	4,829,928	2,816,461	2,336,374	2,375,326	4,437,582	7,480,704	7,811,445
Subtotal	123	2,912,190	2,443,811	2,662,966	336,180	1,425,230	2,066,424	3,566,944	6,529,690

TABLE 17 (CONTINUED). 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>
All programs									
Budgeted funds from sponsoring institution									
25 or fewer students	16	1,013,942	1,013,942	796,211	97,209	431,006	945,200	1,309,061	2,442,771
26-50 students	73	1,529,315	1,292,296	1,749,649	235,183	470,618	1,235,783	1,752,458	2,692,086
51-75 students	26	2,274,094	2,061,122	1,976,492	149,039	1,176,671	1,959,250	2,658,531	4,577,600
Subtotal	123	1,733,623	1,368,184	1,994,526	235,183	659,043	1,348,754	2,062,724	3,341,105
Tuition and fees received directly by the program									
25 or fewer students	17	1,270,704	1,270,704	976,833	99,646	274,450	1,112,712	1,985,940	2,841,305
26-50 students	56	2,724,426	2,562,023	2,099,185	94,150	1,509,063	2,562,855	3,584,944	5,097,369
51-75 students	14	2,972,067	2,812,210	3,109,695	105,428	243,790	2,411,863	5,163,837	8,444,569
Subtotal	94	2,681,918	2,318,889	2,421,957	119,129	626,531	2,340,668	3,651,167	5,778,248
Total budget									
25 or fewer students	28	1,938,577	2,166,887	2,404,582	291,310	1,107,743	1,505,763	2,101,408	3,183,454
26-50 students	109	2,554,311	2,287,246	2,226,450	397,138	1,369,566	1,775,534	3,222,661	4,700,000
51-75 students	34	3,198,486	3,071,667	2,415,094	841,089	1,595,232	2,501,955	3,945,087	6,555,234
76-100 students	6	5,408,354	5,408,354	2,890,229	2,336,374	2,394,801	5,132,291	8,508,965	8,717,446
Subtotal	185	2,733,660	2,237,345	2,555,044	464,781	1,294,775	1,928,050	3,270,555	6,014,248

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>	P10	P25	P50 (Mdn)	P75	P90	Mean % of Budget
Academic Health Center											
Budgeted funds from sponsoring institution	53.7	29	1,966,494	1,752,271	2,016,702	273,183	695,849	1,517,017	2,491,491	4,200,854	72.9
Federal grant/contract	14.8	8	283,554	283,554	168,823	101,784	115,167	271,981	415,441	477,626	9.6
Private donations and gifts	9.3	5	48,972	48,972	55,016	1,000	4,500	36,446	99,708	107,220	6.3
State appropriations	31.5	17	868,705	762,281	845,015	29,402	220,688	689,535	1,394,794	1,955,746	38.9
Tuitions and fees received directly by the program	59.3	32	3,134,773	2,971,789	2,985,403	168,083	745,432	2,473,202	4,003,816	8,850,363	74.2
Total		54	3,347,418	3,167,163	2,665,486	1,110,310	1,686,735	2,488,983	3,749,982	8,630,892	100.0
Non-Academic Health Center											
Endowment	71.8	94	1,661,780	1,372,715	1,992,987	232,186	617,685	1,338,798	2,024,475	2,838,354	85.9
Federal grant/contract	5.3	7	153,181	153,181	199,826	8,000	18,950	47,676	375,000	425,000	8.0
Private donations and gifts	12.2	16	213,185	213,185	257,436	8,500	39,538	86,172	326,389	719,500	11.0
State grant/contract (not appropriations)	13.0	17	35,798	35,798	61,845	1,158	1,530	10,000	61,404	110,200	6.9
Tuitions and fees received directly by the program	3.8	5	56,702	56,702	15,910	42,508	46,254	53,000	69,000	72,000	2.0
Endowment	47.3	62	2,448,186	2,272,996	2,061,693	95,059	446,458	2,292,347	3,367,813	5,176,118	7.4
Total		131	2,480,661	2,141,757	2,474,354	343,290	1,116,523	1,730,654	2,950,387	4,661,815	100

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>	P10	P25	P50 (Mdn)	P75	P90	Mean % of Budget
College of Graduate and Professional Studies (n=8)										
Total	7	3,242,389	3,242,389	1,903,736	70,943	2,175,684	3,177,000	3,407,482	4,841,429	100.0
College/School of Medicine										
Budgeted funds from sponsoring institution	18	1,462,072	1,374,964	1,090,514	257,566	508,797	1,365,434	1,893,684	3,120,085	64.8
Tuitions and fees received directly by the program	20	3,466,391	3,051,611	2,987,302	288,328	1,541,131	3,148,074	4,062,411	8,924,321	75.9
Total	30	3,418,473	2,926,080	2,728,248	1,216,479	1,695,156	2,373,469	3,844,065	8,895,218	100.0
Department of PA Studies/ PA Program										
Budgeted funds from sponsoring institution	26	2,806,515	2,486,443	3,382,767	276,066	848,209	1,980,525	2,479,686	9,886,150	88.7
Tuitions and fees received directly by the program	20	2,695,781	2,414,624	2,333,067	309,196	1,683,974	2,285,567	2,979,412	5,975,178	80.5
Total	41	3,231,951	2,888,476	3,146,487	343,290	1,696,066	2,131,400	3,348,020	9,485,624	100.0
School of Allied Health/ Health Professions/ Health Sciences										
Budgeted funds from sponsoring institution	61	1,340,476	1,265,475	1,013,213	224,181	645,872	1,200,341	1,603,268	3,014,542	83.9
Tuitions and fees received directly by the program	43	2,215,009	1,986,341	2,220,202	48,670	250,000	1,917,340	3,302,806	5,531,770	69.4
Total	88	2,289,069	2,014,184	2,159,475	330,735	1,087,428	1,649,823	3,049,472	4,008,514	100.0

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 2020–2021 fiscal year. In addition, programs were asked to indicate itemized expenses incurred during the 2020–2021 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 202 programs reported dollar amounts. “Total expenses” refers to the sum of each program’s itemized expenses.

TABLE 20. PROGRAM EXPENSES (\$)

	% Reporting	<i>n</i>	<i>M</i>	<i>M(T)</i>	<i>SD</i>	P10	P25	P50 (<i>Mdn</i>)	P75	P90
ARC-PA/Accreditation	85.6	173	29,664	16,751	115,447	15,000	15,000	15,000	15,000	24,321
Building expenses (e.g. lease, rent, furniture, renovations)	28.7	58	291,027	149,592	838,154	1,330	3,449	27,465	241,778	602,015
Education equipment/texts (not including simulation products)	58.9	119	33,029	21,743	68,458	994	2,344	15,000	33,891	59,829
Events (e.g. white coat ceremony, graduation)	70.3	142	9,999	5,560	26,694	1,000	2,000	3,500	7,930	16,245
Exam/testing (board review materials and test item banks)	71.3	144	28,018	20,845	42,723	4,667	9,800	15,100	24,520	44,460
Faculty development (e.g., CME, conferences, coursework, advanced degree)	83.2	168	17,802	12,834	30,408	1,595	3,530	9,400	20,175	36,948
Faculty fringe benefits	68.8	139	376,405	285,961	522,247	100,124	157,516	251,508	370,083	576,420
Faculty salaries (excluding fringe benefits)	89.1	180	1,130,712	949,495	1,213,129	498,491	663,261	898,026	1,200,886	1,602,861
Institution tax	13.9	28	637,439	551,781	809,247	3,852	23,122	522,307	872,444	1,330,045

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

	% Reporting	n	M	M(T)	SD	P10	P25	P50 (Mdn)	P75	P90
IT (e.g. hardware, databases, clinical tracking, other software)	64.9	131	37,587	27,869	68,911	5,000	10,000	23,450	42,462	61,320
Laboratory supplies	69.8	141	49,866	17,753	329,802	2,000	5,852	12,500	25,010	46,000
Marketing and student recruitment	34.2	69	12,891	4,547	55,119	524	1,000	2,041	6,618	12,696
Office expenses (e.g., supplies, printing)	72.3	146	21,547	8,131	92,009	988	2,000	4,533	9,312	28,898
Payment for didactic instruction not included in faculty salaries	60.4	122	110,213	64,552	247,081	4,051	12,000	36,568	98,201	221,581
Payment for student housing and travel to remote clinical training sites	16.8	34	40,778	37,783	46,651	1,529	5,937	19,188	65,706	108,218
Payment for supervised clinical practice (sites and/or clinical preceptors)	50.0	101	218,823	170,421	305,466	8,000	35,000	112,000	295,200	450,000
Program membership/association fees and dues (including PAEA)	79.2	160	18,902	9,549	72,002	4,275	4,275	6,217	12,000	25,579
Simulation activities (excluding capital and standardized patients)	27.2	55	32,414	25,757	54,459	1,564	3,054	10,000	30,000	93,770
Staff fringe benefits	60.4	122	90,634	71,413	122,090	15,497	30,025	55,116	91,223	213,409
Staff salaries (excluding fringe benefits)	84.2	170	274,368	214,071	394,217	54,972	97,163	157,199	294,247	484,427
Standardized patients	44.6	90	24,125	13,687	66,566	2,374	5,000	8,530	20,000	37,783
Travel (not faculty development)	50.0	101	18,600	8,102	66,128	299	1,100	2,981	7,800	30,000
Other	32.7	66	342,027	177,106	915,488	5,340	19,909	47,564	166,189	540,201
Total expenses		202	2,070,398	1,879,586	1,457,616	952,355	1,279,616	1,653,999	2,347,298	3,334,487

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

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

Public	% Reporting	n	M	M(T)	SD	P10	P25	P50 (Mdn)	P75	P90
ARC-PA/Accreditation	86.8	46	16,051	15,604	5,275	15,000	15,000	15,000	15,000	19,638
Building expenses (e.g. lease, rent, furniture, renovations)	35.8	19	159,409	159,409	313,992	1,394	2,541	7,802	141,125	469,032
Education equipment/texts (not including simulation products)	56.6	30	19,467	16,622	27,689	1,064	1,826	5,600	28,426	45,655
Events (e.g. white coat ceremony, graduation)	66.0	35	11,288	4,394	41,914	851	1,636	2,571	5,016	9,317
Exam/testing (board review materials and test item banks)	67.9	36	30,945	26,118	49,757	4,675	9,688	15,169	25,320	44,994
Faculty development (e.g., CME, conferences, coursework, advanced degree)	84.9	45	14,116	10,706	23,330	2,190	3,495	9,000	13,447	30,065
Faculty fringe benefits	73.6	39	324,974	316,328	222,931	130,756	188,580	254,381	370,083	739,973
Faculty salaries (excluding fringe benefits)	96.2	51	1,114,099	997,666	888,175	463,393	625,370	948,783	1,255,348	1,835,200
Institution tax	17.0	9	521,910	521,910	461,808	3,933	5,848	600,000	869,990	1,023,293
IT (e.g. hardware, databases, clinical tracking, other software)	66.0	35	48,917	33,664	102,680	4,100	10,000	23,450	44,691	83,505
Laboratory supplies	64.2	34	28,083	20,339	54,841	1,857	5,213	9,298	24,000	74,807
Marketing and student recruitment	30.2	16	31,074	31,074	111,756	538	1,000	2,120	5,000	9,369
Office expenses (e.g., supplies, printing)	67.9	36	24,530	17,150	58,330	1,409	2,679	6,688	15,790	35,223
Payment for didactic instruction not included in faculty salaries	47.2	25	54,068	45,713	75,938	3,709	8,750	27,200	61,356	131,305

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

Public	% Reporting	<i>n</i>	<i>M</i>	<i>M(T)</i>	<i>SD</i>	P10	P25	P50 (Mdn)	P75	P90
Payment for student housing and travel to remote clinical training sites	17.0	9	44,161	44,161	51,112	1,800	4,413	19,875	96,000	113,280
Payment for supervised clinical practice (sites and/or clinical preceptors)	28.3	15	227,835	227,835	436,353	5,024	9,038	44,999	202,025	565,564
Program membership/association fees and dues (including PAEA)	79.2	42	13,020	8,921	23,993	4,275	4,275	5,038	10,719	26,207
Simulation activities (excluding capital and standardized patients)	32.1	17	49,237	49,237	69,492	2,589	5,000	10,000	78,000	147,556
Staff fringe benefits	69.8	37	83,382	72,926	106,912	15,053	29,945	53,939	91,656	122,915
Staff salaries (excluding fringe benefits)	92.5	49	232,516	191,800	270,039	40,012	96,356	161,449	280,114	393,429
Standardized patients	34.0	18	41,131	41,131	131,297	2,868	4,201	6,381	10,632	36,412
Travel (not faculty development)	43.4	23	11,993	8,768	22,279	391	2,169	3,500	8,500	24,849
Other	41.5	22	187,357	111,678	409,919	5,043	18,444	30,127	144,570	424,854
Total expenses		53	1,981,300	1,820,766	1,290,046	1,068,865	1,277,305	1,667,437	2,262,131	2,983,986
Private	% Reporting	<i>n</i>	<i>M</i>	<i>M(T)</i>	<i>SD</i>	P10	P25	P50 (Mdn)	P75	P90
ARC-PA/Accreditation	89.7	105	37,405	17,895	147,316	15,000	15,000	15,000	19,275	30,000
Building expenses (e.g. lease, rent, furniture, renovations)	27.4	32	315,897	161,558	932,639	1,210	3,480	50,980	253,870	662,818
Education equipment/texts (not including simulation products)	58.1	68	31,721	21,770	66,017	617	4,679	16,897	33,722	58,536
Events (e.g. white coat ceremony, graduation)	77.8	91	8,726	6,377	13,884	1,000	2,175	4,000	8,577	19,638
Exam/testing (board review materials and test item banks)	82.1	96	28,654	22,532	42,376	4,830	10,278	15,340	25,000	59,978

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

Private	% Reporting	n	M	M(T)	SD	P10	P25	P50 (Mdn)	P75	P90
Faculty development (e.g., CME, conferences, coursework, advanced degree)	88.0	103	19,063	12,859	34,948	1,586	3,136	9,300	21,241	38,160
Faculty fringe benefits	71.8	84	350,943	267,291	495,529	100,000	146,728	253,137	358,789	483,255
Faculty salaries (excluding fringe benefits)	89.7	105	1,209,681	970,056	1,450,458	578,068	680,323	903,412	1,194,487	1,635,460
Institution tax	13.7	16	772,586	772,586	992,168	15,175	59,125	522,307	880,771	2,084,356
IT (e.g. hardware, databases, clinical tracking, other software)	67.5	79	33,123	26,622	54,824	6,189	10,000	22,990	38,407	57,031
Laboratory supplies	78.6	92	63,136	18,152	407,044	2,033	7,125	13,374	25,960	42,411
Marketing and student recruitment	37.6	44	8,294	5,298	16,750	551	1,250	2,498	9,001	16,050
Office expenses (e.g., supplies, printing)	78.6	92	22,305	7,168	109,583	611	1,736	4,377	8,025	22,576
Payment for didactic instruction not included in faculty salaries	71.8	84	117,189	73,104	234,555	5,246	19,680	40,200	116,794	218,735
Payment for student housing and travel to remote clinical training sites	19.7	23	42,639	38,220	46,722	2,400	10,819	26,361	64,237	103,248
Payment for supervised clinical practice (sites and/or clinical preceptors)	65.8	77	220,811	179,640	288,082	13,000	55,000	138,100	309,128	386,049
Program membership/association fees and dues (including PAEA)	84.6	99	20,953	10,644	86,306	4,275	4,568	7,053	13,168	24,246
Simulation activities (excluding capital and standardized patients)	26.5	31	24,893	18,257	48,629	1,330	2,600	8,975	18,930	56,497
Staff fringe benefits	62.4	73	98,129	79,236	134,507	20,568	42,795	58,579	88,588	213,170
Staff salaries (excluding fringe benefits)	83.8	98	286,447	241,369	346,592	65,381	113,004	163,876	322,464	568,599

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

Private	% Reporting	n	M	M(T)	SD	P10	P25	P50 (Mdn)	P75	P90
Standardized patients	54.7	64	20,818	14,638	38,558	2,409	5,375	9,619	20,382	40,534
Travel (not faculty development)	59.0	69	21,914	9,542	78,875	260	1,062	2,500	6,039	38,919
Other	32.5	38	471,300	361,061	1,154,942	5,432	17,958	49,350	253,815	1,176,685
Total expenses		117	2,242,721	2,044,833	1,622,473	1,074,268	1,369,433	1,762,795	2,409,277	3,934,453

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

AHC	% Reporting	n	M	M(T)	SD	P10	P25	P50 (Mdn)	P75	P90
ARC-PA/Accreditation	78.7	48	18,498	15,726	19,769	15,000	15,000	15,000	15,000	19,572
Building expenses (e.g. lease, rent, furniture, renovations)	39.3	24	185,369	146,596	334,299	703	2,191	28,770	141,835	736,511
Education equipment/texts (not including simulation products)	52.5	32	22,481	14,142	53,432	188	1,000	3,500	20,784	44,196
Events (e.g. white coat ceremony, graduation)	63.9	39	13,776	7,761	39,805	1,599	2,146	4,000	9,265	27,984
Exam/testing (board review materials and test item banks)	68.9	42	25,630	19,585	35,013	7,280	11,408	15,900	24,345	37,405
Faculty development (e.g., CME, conferences, coursework, advanced degree)	77.0	47	14,700	12,537	17,959	2,435	3,812	9,000	14,500	39,898
Faculty fringe benefits	72.1	44	443,728	343,077	581,220	131,837	213,774	280,790	425,270	811,037
Faculty salaries (excluding fringe benefits)	86.9	53	1,265,999	1,162,220	837,659	630,452	826,035	1,139,028	1,394,279	1,857,120

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

AHC	% Reporting	n	M	M(T)	SD	P10	P25	P50 (Mdn)	P75	P90
Institution tax	32.8	20	786,327	679,070	891,265	5,673	108,496	639,457	910,913	1,824,634
IT (e.g. hardware, databases, clinical tracking, other software)	62.3	38	51,480	37,641	99,018	4,550	10,000	28,330	52,453	97,967
Laboratory supplies	60.7	37	25,014	17,783	51,068	970	2,000	8,055	28,811	51,600
Marketing and student recruitment	36.1	22	27,104	7,313	95,267	600	1,002	1,775	9,050	22,839
Office expenses (e.g., supplies, printing)	67.2	41	33,328	23,395	65,468	1,000	4,109	7,757	20,390	121,990
Payment for didactic instruction not included in faculty salaries	50.8	31	81,744	77,026	88,297	3,138	9,250	55,000	112,438	223,004
Payment for student housing and travel to remote clinical training sites	21.3	13	55,438	55,438	54,628	3,527	15,264	39,032	74,119	123,120
Payment for supervised clinical practice (sites and/or clinical preceptors)	23.0	14	118,324	118,324	118,713	34,800	55,115	88,177	121,038	189,384
Program membership/association fees and dues (including PAEA)	75.4	46	11,939	8,422	22,371	4,275	4,275	5,638	10,300	24,725
Simulation activities (excluding capital and standardized patients)	34.4	21	50,213	43,561	65,936	1,330	3,037	13,770	78,000	130,815
Staff fringe benefits	63.9	39	96,302	87,110	102,702	19,777	39,126	69,034	97,299	211,741
Staff salaries (excluding fringe benefits)	78.7	48	353,584	273,190	537,530	51,230	128,905	200,247	333,332	628,991
Standardized patients	39.3	24	42,101	20,222	113,694	2,239	5,615	11,000	27,692	52,250
Travel (not faculty development)	29.5	18	50,609	50,609	142,625	195	1,031	4,000	24,686	72,838
Other	34.4	21	719,306	536,539	1,423,851	5,429	24,963	147,672	449,838	1,886,000
Total expenses		61	2,682,262	2,447,577	1,989,934	1,083,853	1,582,352	2,115,687	3,006,302	4,168,726

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

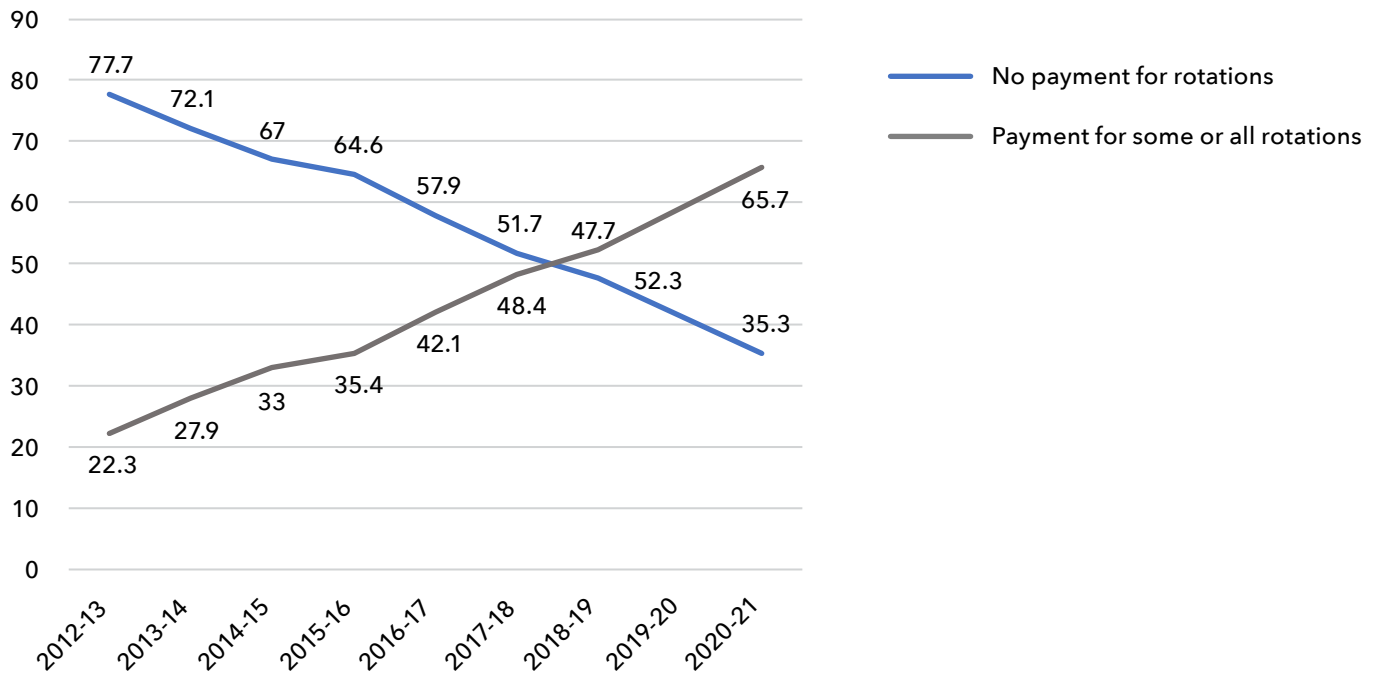
Non-AHC	% Reporting	n	M	M(T)	SD	P10	P25	P50 (Mdn)	P75	P90
ARC-PA/Accreditation	87.4	125	33,951	17304.85	135,174	15,000	15,000	15,000	16,330	25,000
Building expenses (e.g. lease, rent, furniture, renovations)	23.8	34	365,608	224,012	1,059,091	2,064	3,875	26,759	241,778	441,231
Education equipment/texts (not including simulation products)	60.8	87	36,909	24,618	73,107	1,383	4,553	18,546	37,939	60,000
Events (e.g. white coat ceremony, graduation)	72.0	103	8,569	4,920	19,677	1,000	1,710	3,182	7,500	12,900
Exam/testing (board review materials and test item banks)	71.3	102	29,001	21,360	45,643	4,629	8,450	15,005	24,775	44,820
Faculty development (e.g., CME, conferences, coursework, advanced degree)	84.6	121	19,006	12,949	34,029	1,500	3,495	9,744	22,320	35,526
Faculty fringe benefits	66.4	95	345,224	259,534	492,718	100,000	136,221	236,888	331,165	524,904
Faculty salaries (excluding fringe benefits)	88.8	127	1,074,253	866,038	1,337,996	465,346	647,070	797,930	1,058,218	1,403,754
Institution tax	5.6	8	265,221	265,221	384,957	2,771	17,276	46,748	406,026	872,935
IT (e.g. hardware, databases, clinical tracking, other software)	65.0	93	31,910	25,820	51,524	5,040	10,000	22,223	41,342	55,122
Laboratory supplies	72.7	104	58,707	18,317	382,922	3,034	8,843	12,561	24,645	42,093
Marketing and student recruitment	32.9	47	6,238	3,942	14,349	518	1,000	2,198	5,895	10,000
Office expenses (e.g., supplies, printing)	73.4	105	16,947	5,695	100,392	754	1,835	3,900	6,965	15,591
Payment for didactic instruction not included in faculty salaries	63.6	91	119,911	69,419	281,254	4,760	12,006	31,000	89,059	202,046
Payment for student housing and travel to remote clinical training sites	14.7	21	31,703	28,182	39,677	1,327	4,413	16,590	34,568	100,000

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

Non-AHC	% Reporting	<i>n</i>	<i>M</i>	<i>M(T)</i>	<i>SD</i>	P10	P25	P50 (Mdn)	P75	P90
Payment for supervised clinical practice (sites and/or clinical preceptors)	60.8	87	234,996	184,114	323,203	5,036	32,486	138,050	309,564	503,600
Program membership/association fees and dues (including PAEA)	79.7	114	21,712	10,500	84,070	4,275	4,425	6,353	12,395	28,629
Simulation activities (excluding capital and standardized patients)	23.8	34	21,421	15,186	43,498	1,941	4,250	9,238	15,806	38,618
Staff fringe benefits	58.0	83	87,971	67,187	130,710	14,732	27,877	50,000	79,786	207,163
Staff salaries (excluding fringe benefits)	85.3	122	243,201	191,124	318,363	57,087	95,250	141,757	268,919	420,838
Standardized patients	46.2	66	17,588	11,804	36,476	2,449	5,000	8,038	17,250	29,927
Travel (not faculty development)	58.0	83	11,658	5,851	29,017	320	1,100	2,959	6,270	21,020
Other	31.5	45	165,963	71,059	465,798	5,354	19,288	39,670	110,183	252,845
Total expenses		142	1,811,865	1,696,303	1,070,126	952,355	1,235,229	1,519,787	2,125,211	2,807,040

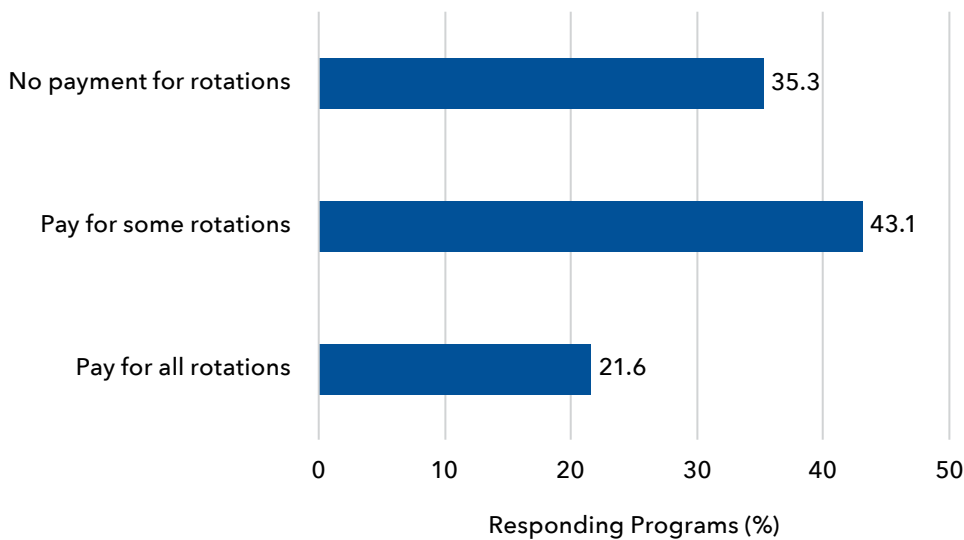
PAYMENT FOR CLINICAL SITES

FIGURE 7. TRENDS IN PAYMENT FOR CLINICAL SITES, 2012-2021



Note: Clinical payment site data were not collected for the 2019-2020 academic year.

FIGURE 8. PROGRAM PAYMENT FOR CLINICAL SITES



Continuing the trend first seen in 2019, more than half of responding programs again reported paying for some or all of rotations. Disruptions caused by the COVID-19 may be responsible for the increasing numbers of programs who now report paying for some or all of their clinical site rotations.

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

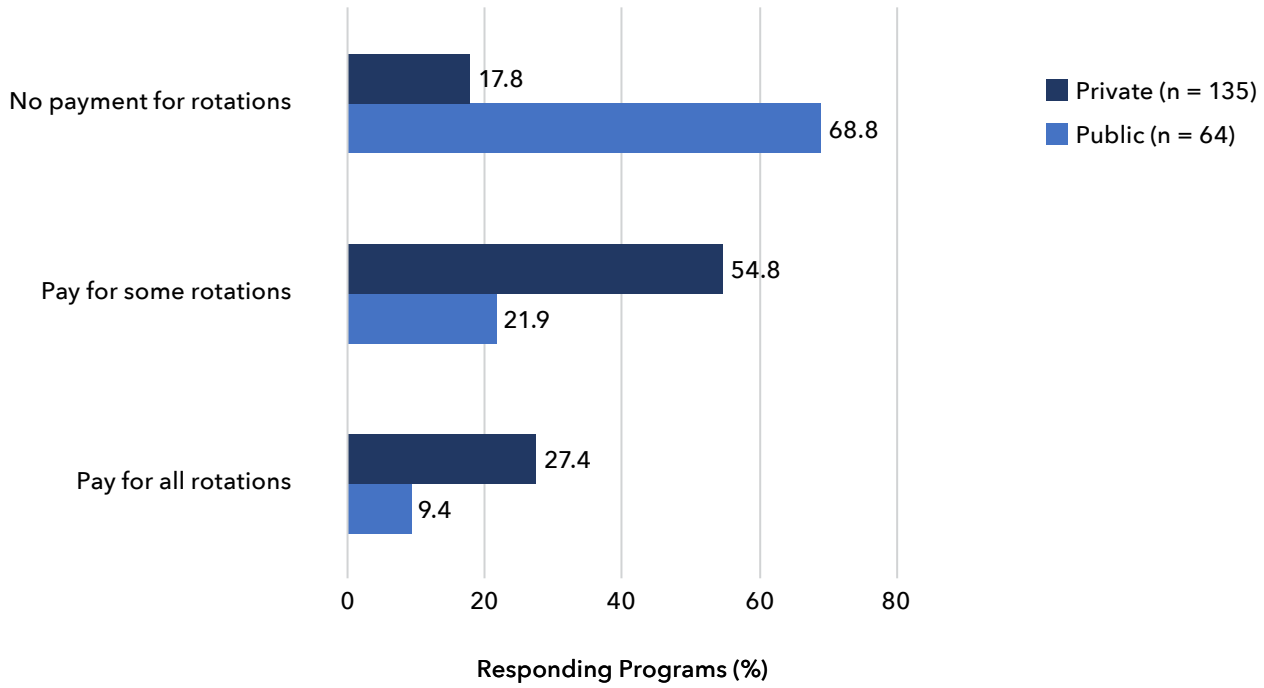


FIGURE 10. DIFFERENCES IN RATES OF PAYMENT TO CLINICAL SITES BY ACADEMIC HEALTH CENTER STATUS

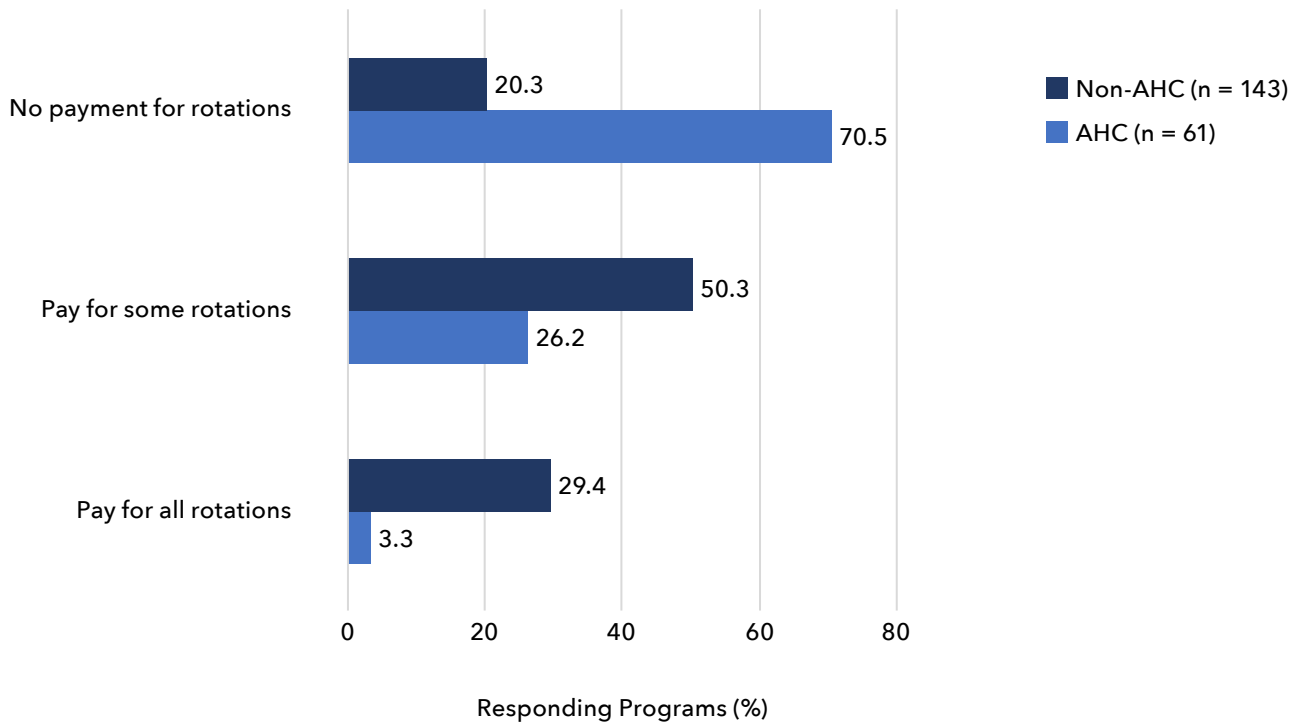


TABLE 23. PAYMENT FOR CLINICAL SITES BY GEOGRAPHIC LOCATION

	<i>n</i>	% Paying
Northeast Region		
New England Division	15	86.6
Middle Atlantic Division	40	75.0
Subtotal	45	78.2
Midwest Region		
East North Central Division	32	71.9
West North Central Division	19	36.8
Subtotal	51	58.8
South Region		
South Atlantic Division	42	57.2
East South Central Division	15	80.0
West South Central Division	15	20.0
Subtotal	72	54.2
West Region		
Mountain Division	11	81.9
Pacific Division	13	76.9
Subtotal	24	79.2
Total	192	64.7

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)	116	56.9
Clinic(s) or practice(s)	109	53.4
Hospital(s)	72	35.3
Hospital department(s) (e.g., Surgery, Pediatrics, OB, etc.)	47	23.0
Health systems	78	38.2
Hospital Department of Medical Education(s)	29	14.2

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(T)</i>	<i>SD</i>	P10	P25	P50 (Mdn)	P75	P90
Type of institution									
Public	20	311	289	326	47	100	163	401	1,000
Private	111	307	216	694	85	100	176	250	500
Academic Health Center status									
AHC	18	263	233	247	24	97	188	433	586
Non-AHC	114	312	223	691	86	100	166	250	675
Overall	132	306	227	648	81	100	171	250	582

FIGURE 11. STUDENT PLACEMENTS AT REMOTE CLINICAL SITES

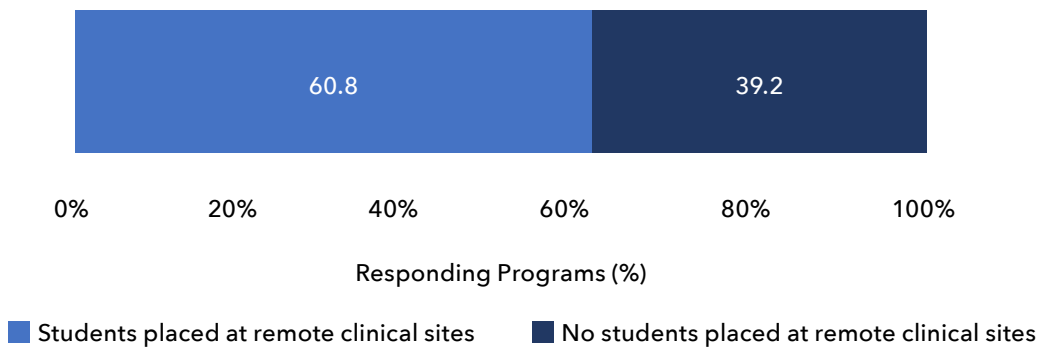


FIGURE 12. STUDENT PLACEMENTS AT REMOTE CLINICAL SITES AMONG PUBLIC AND PRIVATE PROGRAMS

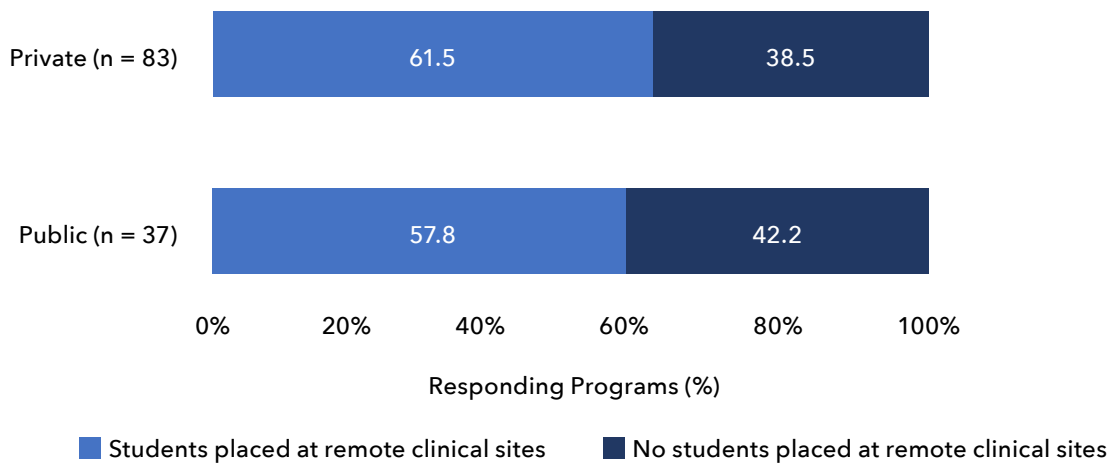


FIGURE 13. STUDENT PLACEMENTS AT REMOTE CLINICAL SITES BY ACADEMIC HEALTH CENTER STATUS

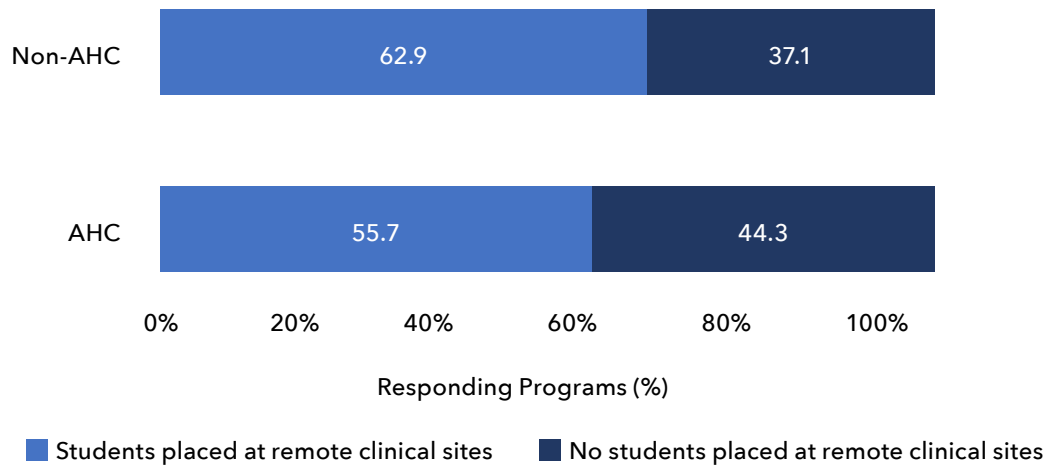


TABLE 26. STUDENTS' OUT-OF-POCKET EXPENSES FOR REMOTE CLINICAL SITES (\$)

	<i>n</i>	<i>M</i>	<i>M(T)</i>	<i>SD</i>	P10	P25	P50 (Mdn)	P75	P90
Type of institution									
Public	37	2,530	2,074	4,481	100	400	1,000	2,500	6,100
Private	81	4,045	3,149	7,781	200	821	2,000	4,426	9,906
Academic Health Center status									
AHC	33	2,276	1,745	4,692	70	200	600	2,000	5,568
Non-AHC	89	4,149	2,156	7,632	250	1,000	2,000	4,900	10,000
Overall	122	3,642	2,587	6,992	178	500	1,500	3,125	9,371

Programs were asked to report the average out-of-pocket housing expenses incurred by only those students placed at remote clinical sites. 1 additional program reported that they had students placed at remote clinical sites but reported \$0 or \$1 of out-of-pocket student expenses; this program was 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 131 private (0.8%) 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>	P10	P25	P50 (Mdn)	P75	P90
Public									
Resident/In-state tuition	55	57,955	57,159	18,586	36,661	44,608	56,718	70,420	81,141
Non-resident/Out-of-state tuition	55	96,171	94,653	25,328	70,167	79,870	88,168	106,586	135,715
Private									
Standard tuition	129	100,212	98,900	18,748	84,000	90,546	96,960	105,428	117,000

**Note: Based on the small sample size of private institutions reporting separate tuitions for resident and non-resident students, only standard tuition is reported for these institutions.*

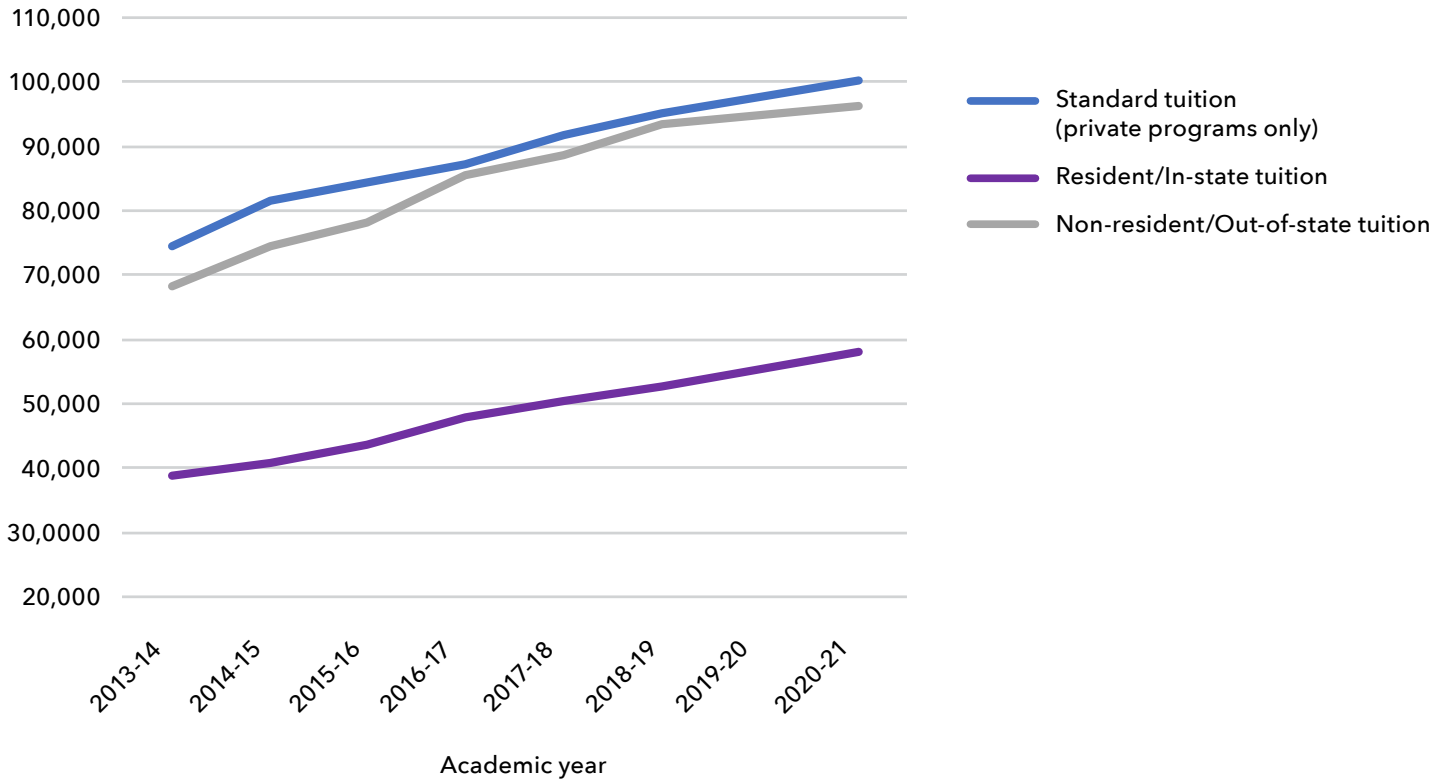
TABLE 28. TRENDS IN AVERAGE PA SCHOOL TUITION, 2013-2021

	2013-14		2014-2015			2015-2016			2016-2017		
	<i>n</i>	<i>M(\$)</i>	<i>n</i>	<i>M(\$)</i>	% Increase	<i>n</i>	<i>M(\$)</i>	% Increase	<i>n</i>	<i>M(\$)</i>	% Increase
Public											
Resident/In-state tuition	58	38,794	56	40,918	5.5	60	43,550	6.4	62	47,886	10.0
Non-resident/Out-of-state tuition	58	68,311	56	74,607	9.2	60	78,214	4.8	62	85,401	9.2
Private											
Standard tuition	107	74,475	108	81,555	9.5	137	84,349	3.4	144	87,160	3.3

	2017-18			2018-2019			2020-2021		
	<i>n</i>	<i>M(\$)</i>	% Increase	<i>n</i>	<i>M(\$)</i>	% Increase	<i>n</i>	<i>M(\$)</i>	% Increase
Public									
Resident/In-state tuition	62	50,289	5.0	58	52,585	4.6	55	57,955	10.2*
Non-resident/Out-of-state tuition	62	88,677	3.8	59	93,313	5.2	55	96,171	3.1
Private									
Standard tuition	160	91,630	5.1	154	95,058	3.7	129	100,212	5.4

**Note: “% increase” represents the percentage of increase in tuition from the previous academic year.*

FIGURE 14. TRENDS IN AVERAGE PA SCHOOL TUITION, 2013-2021



Note: Tuition data were not collected for the 2019-2020 academic year.

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

	% Reporting	<i>n</i>	<i>M</i>	<i>M(T)</i>	<i>SD</i>	P10	P25	P50 (Mdn)	P75	P90
ACLS/BLS/PALS/POCUS/ Simulation fees/etc.	34.2	64	411	313	587	113	174	250	418	646
Application and/or graduation fees	45.5	85	244	169	462	50	75	105	280	444
Background check	44.4	83	125	112	113	40	58	100	150	230
Clinical fee(s)	16.6	31	4,197	3,314	6,436	250	706	2,200	4,250	8,200
Clinical site costs/transportation	17.6	33	4,107	2,787	8,495	133	765	2,000	4,032	6,740
Computer/IT/software	39.6	74	1,568	1,235	2,706	256	443	1,153	2,000	2,514
Drug screening	34.8	65	83	75	72	26	37	50	100	180
Equipment (e.g. stethoscope, lab coat)	44.9	84	1,537	1,039	4,433	550	750	953	1,200	1,976
Fees for tests/assessments	19.3	36	580	439	950	95	240	420	653	785
Laboratory fee(s)	31.0	58	735	637	901	100	203	500	969	1,680
Liability insurance	11.2	21	148	134	157	15	32	82	200	385
Parking	24.6	46	378	317	452	60	91	200	530	768
Professional or association dues	23.5	44	136	132	62	75	95	125	150	225
Student health services	19.3	36	2,069	1,775	3,332	200	350	639	1,288	7,573
Student services fee(s)	31.6	59	1,569	1,430	1,733	143	330	980	2,258	3,547
Textbooks/Ebooks/Library resources	35.8	67	1,589	1,512	1,203	300	500	1,400	2,385	3,356
Other	31.0	58	2,849	2,314	4,392	130	306	936	3,770	7,959
Total fees		187	7,914	6,645	8,976	1,123	2,450	5,239	9,906	14,526

187 programs (91.6%) 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 (\$)

Public	% Reporting	n	M	M(T)	SD	P10	P25	P50 (Mdn)	P75	P90
ACLS/BLS/PALS/POCUS/ Simulation fees/etc.	41.9	26	536	408	885	115	161	225	423	1,228
Application and/or graduation fees	51.6	32	245	133	665	50	54	92	115	294
Background check	46.8	29	87	86	48	40	51	79	110	151
Clinical fee(s)	9.7	6	4,099	4,099	5,331	351	798	2,495	4,275	9,450
Clinical site costs/transportation	19.4	12	1,685	1,685	1,504	103	333	1,250	2,846	3,932
Computer/IT/software	41.9	26	1,398	1,345	919	292	645	1,403	2,034	2,395
Drug screening	38.7	24	63	59	42	30	39	50	85	100
Equipment (e.g. stethoscope, lab coat)	46.8	29	1,133	1,109	566	630	850	1,000	1,300	2,000
Fees for tests/assessments	22.6	14	469	469	308	115	287	427	639	782
Laboratory fee(s)	32.3	20	686	646	589	96	208	525	1,009	1,231
Liability insurance	21.0	13	157	157	188	13	24	66	250	437
Parking	35.5	22	528	455	580	78	131	390	668	1,052
Professional or association dues	25.8	16	143	143	64	75	99	130	206	225
Student health services	32.3	20	705	596	721	183	244	442	920	1,265
Student services fee(s)	35.5	22	1,750	1,593	1,881	251	513	1,071	2,228	5,193
Textbooks/Ebooks/Library resources	40.3	25	2,027	1,975	1,308	500	1,000	1,700	2,700	4,000
Other	33.9	21	4,473	3,652	5,616	410	566	3,200	6,050	9,428
Total fees		62	9,347	8,486	9,157	1,689	3,489	6,253	10,486	27,486

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

Private	% Reporting	<i>n</i>	<i>M</i>	<i>M(T)</i>	<i>SD</i>	P10	P25	P50 (Mdn)	P75	P90
ACLS/BLS/PALS/POCUS/ Simulation fees/etc.	30.9	38	325	309	197	118	226	300	409	508
Application and/or graduation fees	42.3	52	239	196	286	65	100	135	300	449
Background check	43.9	54	145	130	132	40	61	100	195	259
Clinical fee(s)	20.3	25	4,221	3,109	6,772	307	800	2,200	4,000	8,010
Clinical site costs/transportation	17.1	21	5,491	3,479	10,425	500	1,000	3,000	5,000	9,530
Computer/IT/software	38.2	47	1,642	1,140	3,335	230	430	1,099	1,825	2,630
Drug screening	33.3	41	95	85	83	25	37	60	140	200
Equipment (e.g. stethoscope, lab coat)	43.9	54	1,777	1,032	5,516	544	750	938	1,100	1,902
Fees for tests/assessments	17.9	22	651	419	1,196	91	240	420	626	776
Laboratory fee(s)	30.9	38	760	635	1,035	100	213	500	823	1,680
Liability insurance	6.5	8	133	133	94	58	79	91	185	236
Parking	19.5	24	241	226	227	56	79	128	433	528
Professional or association dues	22.0	27	130	127	63	75	90	125	150	200
Student health services	13.0	16	3,774	3,774	4,435	350	448	1,055	7,234	9,452
Student services fee(s)	29.3	36	1,499	1,382	1,664	120	340	915	2,239	2,850
Textbooks/Ebooks/Library resources	34.1	42	1,329	1,275	1,069	243	389	1,038	1,948	3,000
Other	30.1	37	1,927	1,587	3,256	117	150	519	1,700	5,830
Total fees		123	7,335	5,897	9,069	1,049	2,284	5,004	9,088	12,153

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

AHC	% Reporting	<i>n</i>	<i>M</i>	<i>M(T)</i>	<i>SD</i>	P10	P25	P50 (Mdn)	P75	P90
ACLS/BLS/PALS/POCUS/ Simulation fees/etc.	37.3	22	361	313	339	151	166	240	441	676
Application and/or graduation fees	45.8	27	226	175	348	50	63	100	232	518
Background check	40.7	24	96	94	49	40	59	81	126	155
Clinical fee(s)	13.6	8	7,274	7,274	11,797	306	545	2,100	6,975	20,280
Clinical site costs/transportation	22.0	13	6,395	6,395	13,190	106	400	2,000	4,870	9,800
Computer/IT/software	47.5	28	2,362	1,654	4,171	311	750	1,500	2,350	2,824
Drug screening	33.9	20	61	59	35	25	39	53	86	101
Equipment (e.g. stethoscope, lab coat)	44.1	26	1,023	1,017	442	546	763	1,000	1,275	1,605
Fees for tests/assessments	20.3	12	438	438	264	105	248	401	682	750
Laboratory fee(s)	33.9	20	704	666	643	60	175	519	1,125	1,685
Liability insurance	18.6	11	128	128	161	12	20	32	186	385
Parking	32.2	19	585	585	606	87	113	480	730	1,173
Professional or association dues	23.7	14	134	134	55	75	96	130	184	200
Student health services	35.6	21	2,417	1,928	3,778	193	250	730	1,400	8,250
Student services fee(s)	40.7	24	1,415	1,297	1,483	146	258	1,120	1,964	2,878
Textbooks/Ebooks/ Library resources	42.4	25	2,017	1,974	1,376	500	900	1,790	2,800	4,000
Other	42.4	25	4,113	3,405	5,896	108	290	1,016	5,166	9,377
Total fees		59	10,567	9,351	12,035	1,553	2,497	7,273	11,236	28,259

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

Non-AHC	% Reporting	n	M	M(T)	SD	P10	P25	P50 (Mdn)	P75	P90
ACLS/BLS/PALS/POCUS/ Simulation fees/etc.	32.8	42	436	312	685	101	200	283	384	530
Application and/or graduation fees	45.3	58	253	176	509	50	92	125	279	411
Background check	46.1	59	137	123	129	40	58	100	165	256
Clinical fee(s)	18.0	23	3,127	2,996	2,751	322	1,154	2,200	4,000	7,639
Clinical site costs/transportation	15.6	20	2,620	2,375	2,398	465	941	1,500	4,008	5,070
Computer/IT/software	35.9	46	1,084	1,011	902	200	401	800	1,500	2,099
Drug screening	35.2	45	93	84	82	29	37	50	116	200
Equipment (e.g. stethoscope, lab coat)	45.3	58	1,768	1,076	5,325	550	763	938	1,100	2,150
Fees for tests/assessments	18.8	24	651	440	1,151	93	240	420	575	787
Laboratory fee(s)	29.7	38	751	625	1,019	118	220	500	825	1,605
Liability insurance	7.8	10	169	169	158	65	71	91	195	343
Parking	21.1	27	233	220	215	50	78	130	365	516
Professional or association dues	23.4	30	137	134	66	75	95	125	150	228
Student health services	11.7	15	1,582	1,582	2,634	308	350	500	1,055	3,591
Student services fee(s)	27.3	35	1,675	1,565	1,899	184	413	849	2,475	3,642
Textbooks/Ebooks/Library resources	32.8	42	1,335	1,282	1,022	255	449	1,138	1,900	3,000
Other	25.8	33	1,891	1,677	2,468	132	354	850	1,940	5,740
Total fees		128	6,692	5,761	6,862	1,114	2,459	5,067	8,612	11,669

SECTION 3. PROGRAM PERSONNEL

TABLE 32. FULL-TIME FACULTY HEADCOUNTS

	<i>n(P)</i>	<i>n(F)</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>
Assigned ONLY or PRIMARILY to the didactic phase of the program	179	943	1	25	5.3	2.9	3.0	3.0	5.0	6.0	9.0
Assigned ONLY or PRIMARILY to the clinical phase of the program	152	283	1	13	1.9	1.4	1.0	1.0	1.0	2.0	3.0
Assigned to BOTH the didactic and clinical phases of the program	140	455	1	16	3.2	2.9	1.0	1.0	2.0	5.0	8.0
All full-time faculty	203	1,681	3	3	8.3	3.5	5.0	6.0	8.0	10.0	13.0

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.

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.

FIGURE 15. FULL-TIME FACULTY ASSIGNMENTS

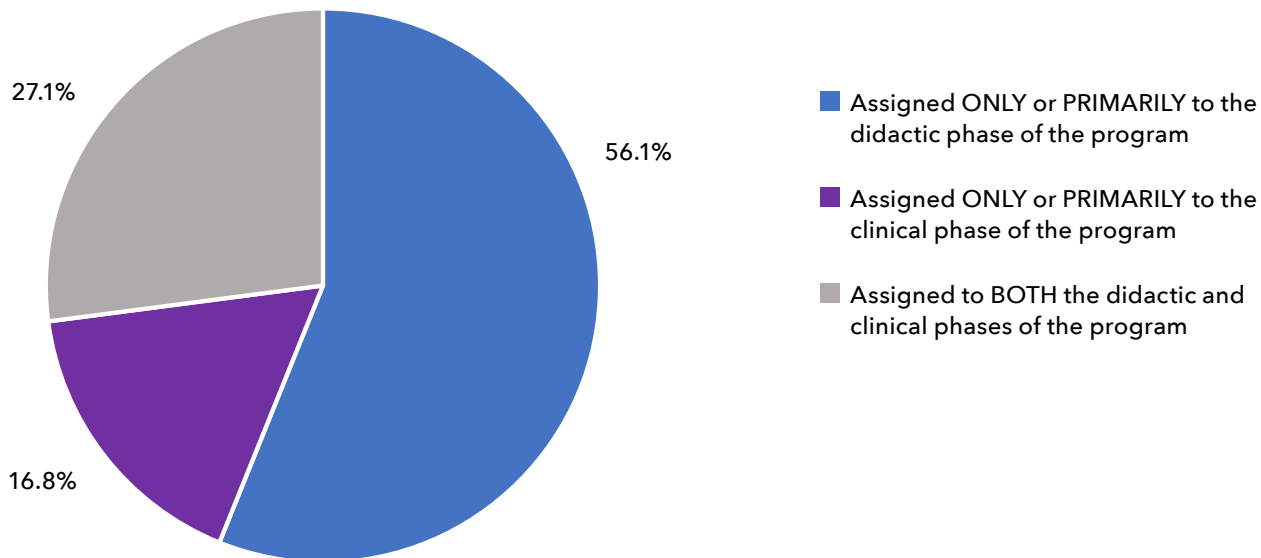


TABLE 33. PART-TIME FACULTY AND GUEST LECTURERS

	<i>n(P)</i>	<i>n(F)</i>	<i>Min</i>	<i>Max</i>	<i>M</i>	<i>SD</i>	P10	P25	P50 (Mdn)	P75	P90
Part-time faculty											
Headcount	136	577	1.0	70	4.2	6.9	1.0	1.0	2.0	4.8	11.0
FTE	142	359.3	0.1	130	2.5	11.4	0.2	0.3	0.7	1.3	3.9
Guest lecturers											
Headcount	191	8,558	1	350	44.8	62.2	6.0	11.0	22.0	50.0	108.0

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 (%)

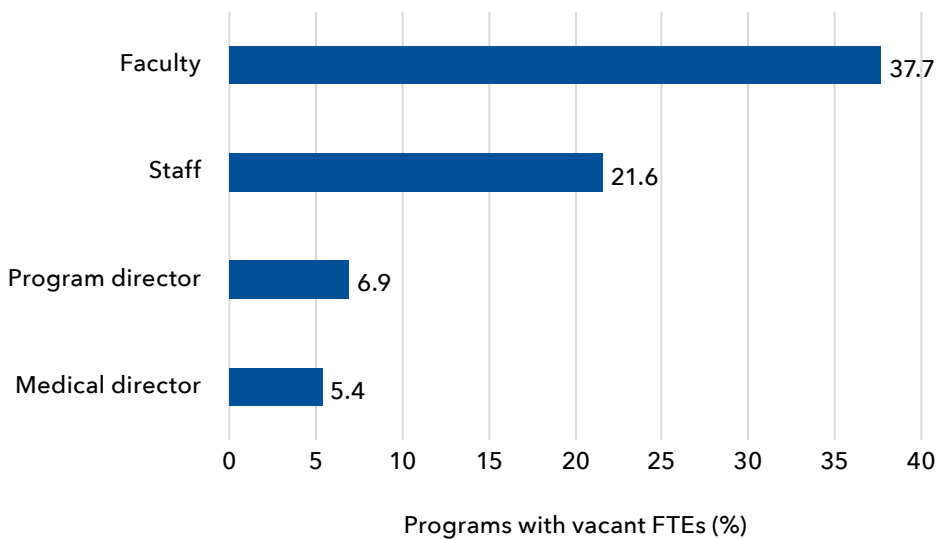
	<i>n</i>	<i>Min</i>	<i>Max</i>	<i>M</i>	<i>SD</i>	P10	P25	P50 (Mdn)	P75	P90
Taught directly by your program’s core/ principal faculty	199	18.0	100.0	71.3	18.9	40.0	60.0	75.0	85.0	93.0
Taught by others but actively coordinated by your program’s core/principal faculty (e.g., arranging schedules, selecting topics, course mastering)	185	2.0	73.0	22.8	16.4	5.0	10.0	20.0	30.0	50.0
Taught directly by non-program personnel (e.g., faculty from biology department) with minimal input from program core/ principal faculty	106	1.0	52.0	14.0	12.2	5.0	5.0	10.0	20.0	31.8

TABLE 35. CAPACITY, FILLED, AND VACANT FTE

	n(P)	n(FTE)	Min	Max	M	SD	P10	P25	P50 (Mdn)	P75	P90
Capacity											
Faculty	204	1576.2	1.0	31.9	7.7	3.9	4.1	5.0	7.0	9.0	12.0
Staff	204	717.0	1.0	19.3	3.5	2.3	1.5	2.0	3.0	4.0	6.0
Program director	204	204.1	0.6	2.0	1.0	0.1	1.0	1.0	1.0	1.0	1.0
Medical director	204	125.1	0.0	3.0	0.6	0.4	0.1	0.2	0.5	1.0	1.0
Filled											
Faculty	203	1,440.4	0.8	26.8	7.1	3.6	4.0	5.0	6.0	8.5	11.4
Staff	203	667.7	1.0	19.3	3.3	2.2	1.0	2.0	3.0	4.0	5.2
Program director	199	199.1	0.6	2.0	1.0	0.1	1.0	1.0	1.0	1.0	1.0
Medical director	202	121.8	0.0	3.0	0.6	0.4	0.1	0.2	0.5	1.0	1.0
Vacant											
Faculty	77	105.5	0.2	5.1	1.4	0.9	1.0	1.0	1.0	1.5	2.0
Staff	44	57.3	0.5	6.0	1.3	1.0	0.5	1.0	1.0	1.0	2.0
Program director	14	14.0	1.0	1.0	1.0	0.0	1.0	1.0	1.0	1.0	1.0
Medical director	11	7.2	0.1	1.0	0.7	0.4	0.2	0.2	1.0	1.0	1.0

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 2021, during the COVID-19 pandemic. Reports published by PAEA during the pandemic indicate that staffing was affected at many programs.

TABLE 36. OPEN POSITIONS

	<i>n</i> (P)	<i>n</i> (O)	Max	<i>M</i>	<i>SD</i>	P10	P25	P50 (Mdn)	P75	P90
Faculty All open positions	153	281	8	1.8	1.2	1.0	1.0	1.0	2.0	3.0
Staff All open positions	84	112	3	1.3	0.6	1.0	1.0	1.0	2.0	2.0

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.

163 (79.9%) programs reported seeking to hire new faculty or staff in the 2020-2021 academic year, Some programs appear to have reported FTE instead of headcounts. All decimals were rounded up to the nearest integer to approximate headcounts.

TABLE 37. BARRIERS TO HIRING NEW FACULTY (%)

	<i>n</i>	Not at all a Barrier	Slight Barrier	Moderate Barrier	Serious Barrier
Salary	201	15.4	21.9	32.8	29.9
Lack of qualified candidates	201	20.9	22.9	28.4	27.9
Location	201	45.3	27.4	18.4	9.0
Candidates' lack of teaching experience	199	21.1	29.6	40.7	8.5
Area cost of living	200	64.0	16.0	12.0	8.0
Degree requirements	201	71.6	20.4	6.0	2.0
Lifestyle	201	64.7	22.9	10.4	2.0

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	45	56	25.8
Job change: Accepted position at another PA program	37	43	19.8
Personal reason	31	36	16.6
Retirement	27	34	15.7
Job change: Other reason	13	14	6.5
Dismissal due to performance issues	10	10	4.6
Dismissal due to professionalism issues	8	10	4.6
Medical/disability/death	6	6	2.8
All faculty departure	135	217	100.0

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.

135 (66.2%) programs reported that at least one faculty member had left in the 2020-2021 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

	n	Min	Max	M	SD	P10	P25	P50 (Mdn)	P75	P90
Overall	197	2.3	26	12.8	4.8	7.1	9.7	12	16	19.1
Public vs. private										
Private	133	2.7	26	12.8	4.8	6.9	9.7	12.1	16	19.0
Public	59	2.3	24.9	12.8	5	6.5	9.2	11.8	16.4	20.7
Academic Health Center status										
AHC	60	3.7	24.9	13.1	4.9	6.6	9.4	12.2	16.5	20.6
Non-AHC	137	2.3	26	12.7	4.8	7.1	9.7	11.9	15.9	18.7
Administrative Housing										
College of Graduate and Professional Studies	7	6.5	16.7	12.2	3.4	6.5	10.6	11.5	15.8	16.2
College/School of Medicine	32	4.2	23	13.2	4.3	8.5	10.1	12.9	16.5	19.0

TABLE 39 (CONTINUED). STUDENT-TO-FACULTY RATIO: FULL-TIME FACULTY HEADCOUNT

	<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>
Department of PA Studies/PA Program	39	4.4	24.6	11.9	4.1	6.7	9	11.8	14.7	17.0
School of Allied Health/Health Professions/Health Sciences	98	2.29	25.5	13.1	5.3	6.3	9.7	12.3	17.5	20.4
Satellite campuses										
Program does not have satellite campus	182	2.3	26	12.7	4.8	7.2	9.7	12	15.9	19.0
Program has satellite campus	15	6.3	24.6	14.1	5.2	6.4	9	14.2	17.7	22.2
Enrolled classes										
First-year only	12	2.3	6.7	4.7	1.6	2.4	3.1	4.9	6.2	6.6
First-and second year only	71	3.7	19	11.1	3.1	7.5	9.1	10.9	12.6	16.0
First-,second-, and third-year students	114	5	26	14.7	4.6	9.2	11.5	14.2	18	21.4
Census Regions and Divisions										
Northeast Region										
New England Division	15	8.3	23.6	14.5	4.7	8.5	10	14	16.8	22.2
Middle Atlantic Division	36	3	25.5	12.7	5.3	6.1	8.5	12.3	15.9	20.7
Subtotal	51	3	25.5	13.2	5.1	6.6	9.5	12.9	16.5	21.1
Midwest Region										
East North Central Divison	31	4.4	21.7	12.1	4.3	6.3	9.2	11.8	15.6	17.7
West North Central Division	19	3.7	20.7	13.3	4.9	7.1	9.7	12.8	18	20.0
Subtotal	50	3.7	21.7	12.6	4.5	6.6	9.4	12	16.1	19.0
South Region										
South Atlantic Division	42	2.3	21.8	12.6	4.5	6	9.7	12.5	16.3	18.3
East South Central Division	15	3.3	24.9	13.7	6.8	5.2	9.7	11.7	20.5	24.7
West South Central Division	14	9	23	13.9	4.1	9.4	10.7	12.6	17.3	21.3
Subtotal	71	2.3	24.9	13.1	4.9	6.8	9.9	12	17	19.8
West Region										
Mountain Division	10	6	26	12.9	5.4	6.4	10.1	11.6	14.1	25.2
Pacific Division	13	2.7	18.9	10.8	3.8	5	8.8	10.8	12.9	17.1
Subtotal	23	2.7	26	11.7	4.6	7	9	11.2	12.9	18.4

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

TABLE 40. STUDENT-TO-FACULTY RATIO: FTE

	<i>n</i>	<i>Min</i>	<i>Max</i>	<i>M</i>	<i>SD</i>	P10	P25	P50 (Mdn)	P75	P90
Overall	195	2.3	28.6	12.2	4.8	5.7	9.2	11.6	14.7	18.4
Public vs. private										
Private	131	2.3	25.4	12	4.7	5.6	9.1	11.6	14.6	18.1
Public	60	2.7	28.6	12.6	5.1	6.2	9.7	11.6	16.4	19.1
Academic Health Center status										
AHC	58	2.8	28.6	12.8	5.1	6.9	9.4	12	16.8	19.2
Non-AHC	137	2.3	27.1	11.9	4.6	5.5	9.2	11.6	14.5	17.6
Administrative Housing										
College of Graduate and Professional Studies	7	6.5	13.6	11	2.6	6.5	8.6	11.6	13	13.6
College/School of Medicine	33	4.6	21	12.8	4.2	6.6	9.6	12.7	16.8	18.4
Department of PA Studies/PA Program	39	4.1	27.1	11.7	4.7	4.9	9.1	11.5	14.3	17.5
School of Allied Health/Health Professions/Health Sciences	95	2.3	28.6	12.4	5.2	5.5	9.5	11.6	15.5	19.3
Satellite campuses										
Program does not have satellite campus	180	2.3	27.1	11.9	4.7	5.6	9.2	11.6	14.4	18.2
Program has satellite campus	15	6.5	28.6	14.7	5.4	8	9.7	15.5	17.2	22.7
Enrolled classes										
First-year only	12	2.3	28.6	6	7.2	2.4	2.8	4.3	4.9	21.7
First-and second year only	69	2.8	27.1	10.5	3.6	6.1	8.7	10.1	12	14.1
First-,second-, and third-year students	114	4	25.4	13.8	4.2	8.9	10.7	13.2	16.8	19.4
Census Regions and Divisions										
Northeast Region										
New England Division	15	7.5	23.5	13.5	4.8	8.1	9.7	12.9	15.6	22.0
Middle Atlantic Division	36	2.9	28.6	12.3	5.6	5.1	9.2	12	15.5	19.5
Subtotal	51	2.9	28.6	16.7	5.4	5.7	9.6	12.7	15.6	20.3
Midwest Region										
East North Central Divison	30	4.4	20.8	11.3	4.4	4.8	7.7	11.3	14.1	18.1
West North Central Division	19	2.8	27.1	13.6	6.2	6.9	9.1	13	17.3	24.6
Subtotal	49	2.8	27.1	12.2	5.2	5.7	8.7	11.6	14.6	18.9

TABLE 40 (CONTINUED). STUDENT-TO-FACULTY RATIO: FTE

	<i>n</i>	<i>Min</i>	<i>Max</i>	<i>M</i>	<i>SD</i>	P10	P25	P50 (Mdn)	P75	P90
South Region										
South Atlantic Division	41	2.7	18.6	12	4	5.4	9.9	12.3	15.3	17.2
East South Central Division	15	2.7	21.5	12.8	5.9	4.1	9.1	11.5	19.0	20.6
West South Central Division	14	7.6	19	16.1	3.3	8.3	9.6	10.8	14.2	18.0
Subtotal	70	2.7	21.5	12.2	4.3	5.6	9.8	11.9	15.4	18.5
West Region										
Mountain Division	10	5.4	17.3	11.8	3.6	5.7	9.9	10.8	15.5	17.2
Pacific Division	13	2.3	18.1	10.2	4.1	3.2	8.6	10	12.8	16.6
Subtotal	23	2.3	18.1	10.9	3.9	4.8	9.1	10.6	14.2	16.8

Note: Programs with other categories of 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	25	54.3
Enrolled in the first year	13	28.3
Enrolled in the second year	7	15.2
Enrolled in the third year	1	2.2
Total	46	100.0

47 programs (23.0%) were provisionally accredited.

FIGURE 17. ENROLLED COHORTS

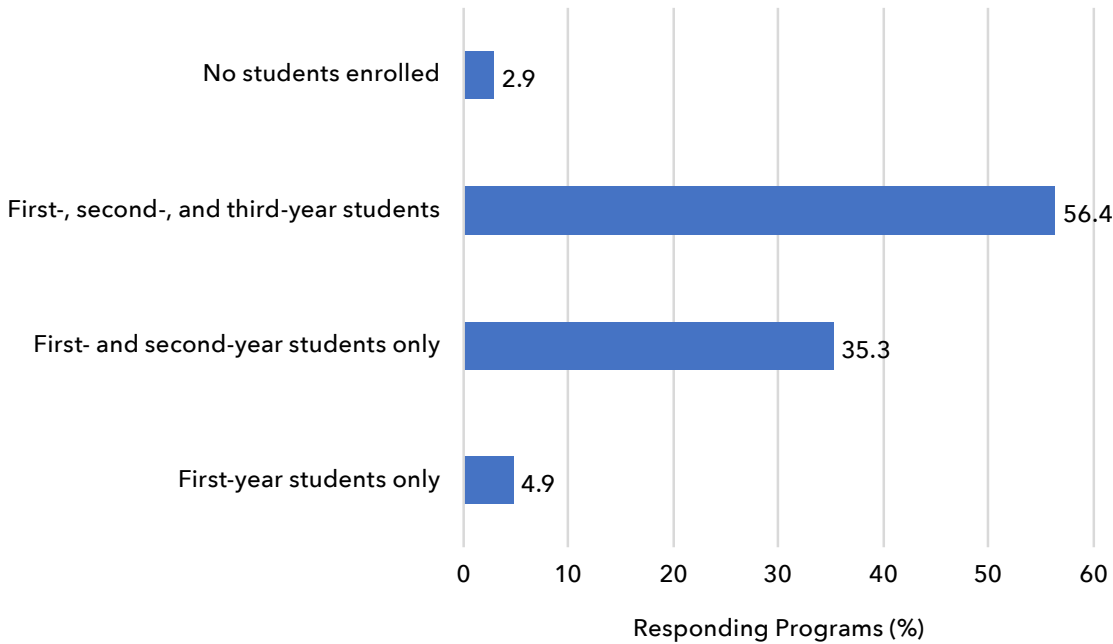


TABLE 42. STUDENT MAXIMUM CAPACITY AND CURRENT ENROLLMENT

	<i>n</i> (P)	<i>n</i> (S)	Min	Max	<i>M</i>	<i>SD</i>	P10	P25	P50 (<i>Mdn</i>)	P75	P90
Maximum capacity											
First-year (didactic phase)	197	9,534	20	170	48.4	23.7	27.6	32.0	40.0	58.5	80.0
Second-year (clinical phase)	187	9,122	17	156	48.8	23.3	29.6	33.0	40.0	60.0	80.0
Third-year (end-of-clinical phase)	111	5,082	1	156	45.8	22.8	26.4	32.0	40.0	50.0	74.0
Total	198	23,738	20	468	120	65.7	60.0	78.0	108.0	144.3	194.1
Current enrollment											
First-year (didactic phase)	196	8,875	13	169	45.3	21.8	25.0	30.0	40.0	54.8	74.3
Second-year (clinical phase)	184	3,424	15	138	44.4	20.4	25.0	30.0	39.0	53.8	72.5
Third-year (end-of-clinical phase)	95	3,768	1	123	39.7	17.9	24.2	29.0	35.0	46.0	62.8
Total	198	16,067	16	430	105.1	54.2	50.9	67.8	97.0	130.3	172.2

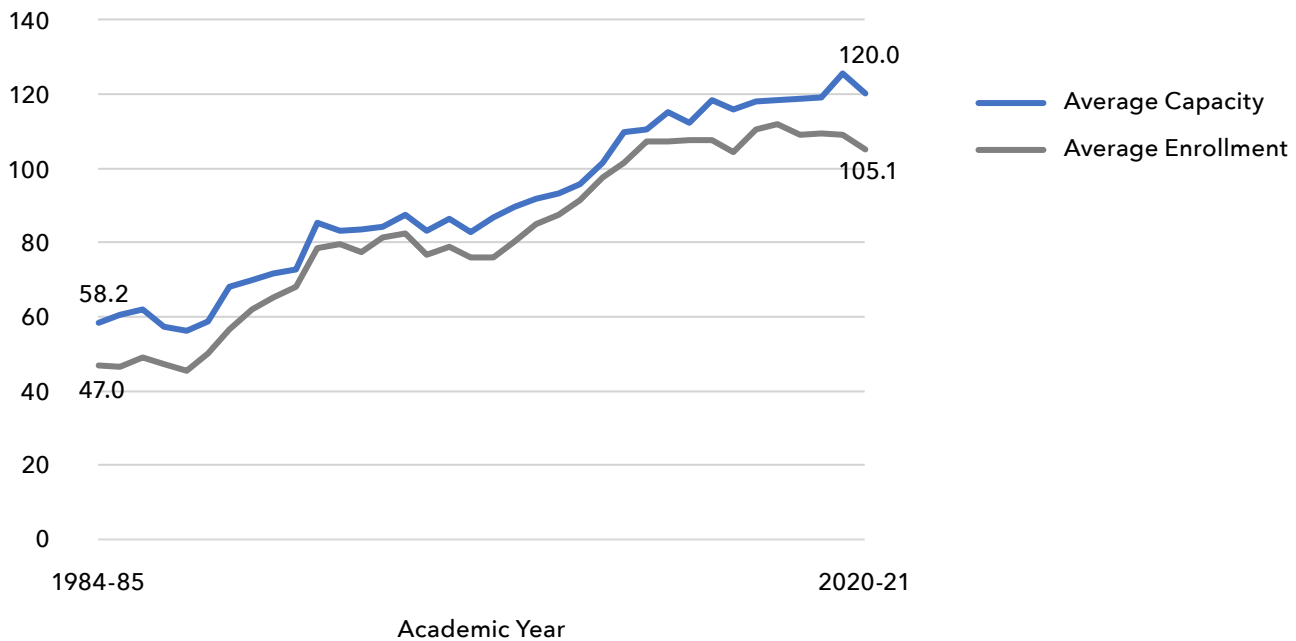
Note: Zeroes were excluded. “*n* (P)” refers to the number of reporting programs. “*n* (S)” refers to the number of students reported by the programs.

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

	n(P)	n(S)	Min	Max	M	SD	P10	P25	P50 (Mdn)	P75	P90
Type of institution											
Private	133	6,113	17	125	46.0	19.5	26.4	31.0	40.0	55.0	75.0
Public	59	2,506	17	140	42.5	19.6	24.0	30.0	40.0	50.0	60.0
Academic Health Center status											
AHC	59	2,906	22	140	49.3	22.7	25.0	35.0	44.0	60.0	86.0
Non-AHC	138	6,037	17	125	43.7	18.5	25.9	30.0	40.0	50.0	75.0
Overall	197	8,943	17	140	45.4	19.9	25.0	30.0	40.0	54.5	75.0

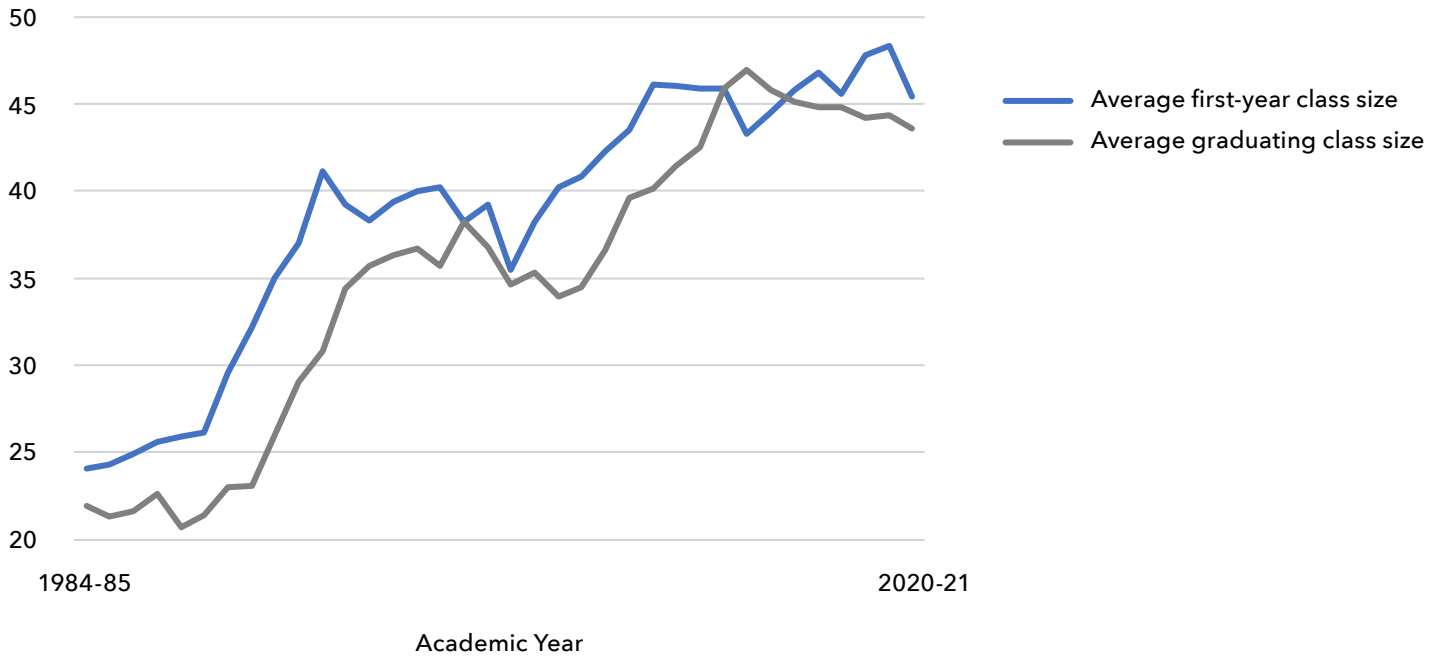
Based on programs' reports of their ARC-PA-approved first-year capacity and the day-one enrollment of their most recently admitted class, 27 programs reported a total of 268 unfilled seats ($M = 9.9$, $SD = 17.1$, $Mdn = 4.0$). This number differs from the difference of total first-year capacity reported 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, 1985-2021



****Note:** This data was not collected for the 2019-2020 academic year. In addition, these numbers reflect the data provided by the 204 participating respondents and are not reflective of the full population of students enrolled in member programs during the 2020-2021 academic year.

FIGURE 19. AVERAGE FIRST-YEAR AND GRADUATING CLASS SIZES 1985-2021



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.

This data was not collected for the 2019-2020 academic year. In addition, these numbers reflect the data provided by the 204 participating respondents and are not reflective of the full population of students enrolled in member programs during the 2020-2021 academic year.

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	87	42.6
TOEFL	63	30.9
None	48	23.5
CASPer	19	9.3
GRE or MCAT	16	7.8
IELTS	6	2.9
PA-CAT	5	2.5
SAT	4	2.0
ACT	2	1.5
MCAT	1	0.5
Total	156	

*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	76	153.1	2.7	153
Quantitative reasoning	76	152.7	2.8	152.4
Analytical	65	4.1	0.3	4.1

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	194	3.5	0.2	3.6
Non-science	187	3.6	0.3	3.7
CASPA biology, chemistry, physics (BCP)	192	3.5	0.2	3.5
Overall	195	3.6	0.1	3.6

Note: Zeroes were excluded.

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

	n	Min	Max	M	M(T)	SD	P10	P25	P50 (Mdn)	P75	P90
Patient contact experience	134	30	12,700	3,235	3,125	1,988	1,147	1,977	2,928	4,000	5,575
Health care shadowing	76	8	1,185	157	130	202	19	58	120	179	259
Community service/volunteering	68	10	1,580	432	430	366	96	200	314	568	880
Other health care experience	51	50	9,962	1,470	1,360	1,552	113	600	1,069	2,072	2,569
Other work experience	27	10	6,181	1,966	1,952	1,394	50	1,000	1,936	2,506	3,832

Note: Zeroes were excluded.

153 programs (75.0%) 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 195 programs (95.6%) reported having a first-year class enrolled in the 2020-2021 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, 194 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, 99.0 % of the 195 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, 194 programs reported a total of 6,936 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 9,121 reported first-year students, 76.0% 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 194 programs that reported at least one female student, an average of 79.6% 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	2	1.0
Missing ethnicity information	12	6.1
Missing race information	13	6.6

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 197 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	194	99.0	6,936	76.0	79.6	35.8	17.7	30.5
Male	194	99.0	2,182	23.9	25.4	11.2	7.3	9.0
Unknown gender	3	1.5	3	0.0	43.3	1.0	0.0	1.0
Total	195	99.5	9,121	100.0	100.0	47.3	22.8	40

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	160	81.6	829	9.5	11.5	5.2	6.8	3.0
Not Hispanic, Latino, or Spanish in origin Male	171	87.2	7,204	82.9	93.0	42.1	21.6	37.0
Unknown ethnicity	36	18.4	659	7.6	36.5	18.3	25.7	5.0
Total	191	97.4	8,692	100.0	100.0	45.5	24.3	40

Of the 185 programs that reported some ethnicity information (excluding those that only reported “Do not know”) for their first-year class, 21 (11.4%) reported no Hispanic students.

TABLE 51. FIRST-YEAR CLASS: RACE

	n(P)	% (P)	n (S)	% (S)	Mean % (S)	M	SD	Mdn
American Indian or Alaskan Native	30	15.3	42.0	0.5	3.8	1.4	1.0	1.0
Asian	157	80.1	927.0	10.5	12.8	5.9	4.7	5.0
Black or African American	144	73.5	432.0	4.9	7.0	3.0	2.6	4.0
Multiracial	76	38.8	270.0	3.1	7.9	3.6	3.5	2.0
Native Hawaiian or Pacific Islander	14	7.1	16.0	0.2	3.1	1.1	0.4	1.0
White	179	91.3	6162.0	69.8	76.9	34.4	17.3	30.0
Other	55	28.1	232.0	2.6	9.7	4.2	3.9	3.0
Unknown race	54	27.6	746.0	8.5	27.1	13.8	22.4	3.0
Total	191	97.4	8827	100.0	100.0	46.2	21.4	40

Of the 184 programs that reported some race information (excluding those that only reported “Other” or “Do not know”) for their first-year class, 3 (1.6%) reported no non-White students.

TABLE 52. FIRST-YEAR CLASS: AGE

	n	M	SD	Mdn
Average age of first-year class	187	24.9	1.8	25
Age of youngest matriculant	183	21.3	1.3	21
Age of oldest matriculant	183	38.5	4.4	38

2021 COHORT

This section refers to the 2021 cohort, or the group of students who entered a PA program expecting to graduate in 2021. For most programs, this group of students matriculated in 2019. 184 programs (90.2%) reported that they had graduated or would be graduating a 2021 cohort of PA students.

For Table 53:

- “*n* (P)” refers to the number of programs reporting at least one student of that status (e.g., in Table 53, 72 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 184 programs that reported graduating a 2021 cohort of students (e.g., in Table 53, of the 184 programs with a 2021 cohort, 39.1% 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 53, 72 programs reported 120 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 53, of 8,827 total students, 1.4% 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 53, of the 72 programs that reported at least one student who was dismissed for academic reasons, an average of 3.8% of their 2021 cohort was dismissed for academic reasons).
- *M*, *SD*, and *Mdn* are calculated using data from the *n* (P) reporting programs.

TABLE 53. 2021 COHORT: STUDENT STATUS AT GRADUATION

	<i>n</i> (P)	% (P)	<i>n</i> (S)	% (S)	Mean % (S)	<i>M</i>	<i>SD</i>	<i>Mdn</i>
Graduated, or expect to graduate, on time	184	100.0	8,015	94.1	94.2	43.6	19.1	38.0
Academic dismissal	72	39.1	120	1.4	3.8	1.7	1.0	1.0
Non-academic dismissal (e.g., professionalism sanction)	14	7.6	15	0.2	2.9	1.1	0.3	1.0
Withdrew: Medical reason(s)	23	12.5	36	0.4	3.1	1.6	0.9	1.0
Withdrew: Personal reason(s)	57	31.0	97	1.1	3.8	1.7	1.1	1.0
Decelerated: Short term (graduated less than one year late)	46	25.0	107	1.3	5.1	2.3	1.9	1.5
Decelerated: To next cohort	61	33.2	124	1.5	3.9	2.0	1.6	1.0
Total	184.0	100.0	8,514.0	100.0	100.0	46.8	20.8	40.0

2021 COHORT DEMOGRAPHICS

The following section details the graduation, deceleration, and withdrawal status of the 2021 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 2021 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 55A shows that, among female students, 94.7% graduated, and female graduates comprised 66.5% of all reported students in the 2021 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 55B shows that 74.0% of all graduates in the 2021 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 55A, 49 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 2021 cohort of students (e.g., in Table 55A, of the 182 programs with a 2021 cohort, 26.9% 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 55A, programs reported a total of 78 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 55A, of 6,103 total female students, 1.3% 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 55A, of 8,284 total students, 0.9% 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 54. 2021 COHORT: PROGRAMS WITH MISSING DEMOGRAPHIC INFORMATION

	<i>n</i>	%
Missing gender information	3	1.6
Missing ethnicity information	19	10.3
Missing race information	15	8.2

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 184 programs that reported that they would be graduating a 2021 cohort of students.

TABLE 55A. 2021 COHORT: GENDER BY STUDENT STATUS

	<i>n</i> (P)	% (P)	<i>n</i> (S)	% (S)	% (All S)	<i>M</i>	<i>SD</i>	<i>Mdn</i>
Female								
Graduated, or expect to graduate, on time	175	96.2	5,779	94.7	66.5	33.0	15.2	30.0
Academic dismissal	49	26.9	78	1.3	0.9	1.6	0.9	1.0
Non-academic dismissal (e.g., professionalism sanction)	10	5.5	11	0.2	0.1	1.1	0.1	1.0
Withdrew: Medical reason(s)	17	9.3	21	0.3	0.2	1.2	0.4	1.0
Withdrew: Personal reason(s)	38	20.9	58	1.0	0.7	1.5	1.0	1.0
Decelerated: Short term (graduated less than one year late)	35	19.2	74	1.2	0.9	2.1	1.3	2.0
Decelerated: To next cohort	49	26.9	82	1.3	0.9	1.7	1.2	1.0
Subtotal	182	100.0	6,103	100.0	70.2	34.3	16.6	31.0
Male								
Graduated, or expect to graduate, on time	175	96.2	1,854	92.7	21.3	10.6	6.3	9.0
Academic dismissal	36	19.8	41	2.0	0.5	1.1	0.5	1.0
Non-academic dismissal (e.g., professionalism sanction)	8	4.4	8	0.4	0.1	1.0	0.0	1.0
Withdrew: Medical reason(s)	7	3.8	7	0.3	0.1	1.0	0.0	1.0
Withdrew: Personal reason(s)	36	19.8	39	1.9	0.4	1.1	0.3	1.0
Decelerated: Short term (graduated less than one year late)	16	8.8	22	1.1	0.3	1.4	0.7	1.0
Decelerated: To next cohort	25	13.7	30	1.5	0.3	1.2	0.5	1.0
Subtotal	178	97.8	2,001	100.0	23.0	11.2	6.8	10.0
Unknown gender								
Graduated, or expect to graduate, on time	3	1.6	173	96.1	2.0	NR	NR	NR
Academic dismissal	1	0.5	4	2.2	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)	2	1.1	2	1.1	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: To next cohort	1	0.5	1	0.6	0.0	NR	NR	NR
Subtotal	3	1.6	180	100.0	2.1	NR	NR	NR

TABLE 55A (CONTINUED). 2021 COHORT: GENDER BY STUDENT STATUS

	<i>n</i> (P)	% (P)	<i>n</i> (S)	% (S)	% (All S)	<i>M</i>	<i>SD</i>	<i>Mdn</i>
Total								
Graduated, or expect to graduate, on time	178	96.7	7,806	89.8	89.8	43.9	19.0	38.5
Academic dismissal	71	38.6	123	1.4	1.4	1.7	1.2	1.0
Non-academic dismissal (e.g., professionalism sanction)	17	9.2	19	0.2	0.2	1.1	0.3	1.0
Withdrew: Medical reason(s)	23	12.5	28	0.3	0.3	1.2	0.4	1.0
Withdrew: Personal reason(s)	60	32.6	99	1.1	1.1	1.7	1.0	1.0
Decelerated: Short term (graduated less than one year late)	42	22.8	96	1.1	1.1	2.3	1.7	2.0
Decelerated: To next cohort	63	34.2	113	1.3	1.3	1.8	1.4	1.0
Total	182	100.0	8,284	100.0	100.0	45.5	28.7	40.0

TABLE 55B. 2021 COHORT: STUDENT STATUS BY GENDER (%)

	<i>n</i> (S)	Female	Male	Unknown Gender
Total				
Graduated, or expect to graduate, on time	7,806	74.0	23.8	2.2
Academic dismissal	123	63.4	33.3	3.3
Non-academic dismissal (e.g., professionalism sanction)	19	57.9	42.1	0.0
Withdrew: Medical reason(s)	28	75.0	25.0	0.0
Withdrew: Personal reason(s)	99	58.6	39.4	2.0
Decelerated: Short term (graduated less than one year late)	96	77.1	22.9	0.0
Decelerated: To next cohort	113	72.6	26.5	0.9
Total	8284	70.2	23.0	2.1

TABLE 56A. 2021 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>
Hispanic, Latino, or Spanish in origin								
Graduated, or expect to graduate, on time	128	73.1	587	94.1	7.7	4.6	5.8	3.0
Academic dismissal	9	5.1	11	1.8	0.1	1.2	0.4	1.0
Non-academic dismissal (e.g., professionalism sanction)	1	0.6	1	0.2	0.0	1.0	0.0	1.0
Withdrew: Medical reason(s)	0	0.0	0	0.0	0.0	0.0	0.0	0.0
Withdrew: Personal reason(s)	5	2.9	6	1.0	0.1	1.2	0.4	1.0
Decelerated: Short term (graduated less than one year late)	7	4.0	8	1.3	0.1	1.1	0.4	1.0
Decelerated: To next cohort	8	4.6	11	1.8	0.1	1.4	0.7	1.0
Subtotal	131	74.9	624	100.0	8.2	4.8	5.9	3.0
Not Hispanic, Latino, or Spanish in origin								
Graduated, or expect to graduate, on time	137	78.3	5,540	93.9	72.5	40.4	18.9	36.0
Academic dismissal	53	30.3	88	1.5	1.2	1.7	1.1	1.0
Non-academic dismissal (e.g., professionalism sanction)	12	6.9	14	0.2	0.2	1.2	0.4	1.0
Withdrew: Medical reason(s)	18	10.3	22	0.4	0.3	1.2	0.4	1.0
Withdrew: Personal reason(s)	47	26.9	74	1.3	1.0	1.6	0.8	1.0
Decelerated: Short term (graduated less than one year late)	37	21.1	89	1.5	1.2	2.4	1.9	2
Decelerated: To next cohort	46	26.3	71	1.2	0.9	1.5	1.0	1.0
Subtotal	153	87.4	5,898	100.0	77.2	38.5	22.5	35.0
Unknown ethnicity								
Graduated, or expect to graduate, on time	35	20.0	1,082	96.8	14.2	30.9	26.5	28.0
Academic dismissal	4	2.3	9	0.8	0.1	NR	NR	NR
Non-academic dismissal (e.g., professionalism sanction)	4	2.3	7	0.6	0.1	NR	NR	NR
Withdrew: Medical reason(s)	2	1.1	2	0.2	0.0	NR	NR	NR
Withdrew: Personal reason(s)	5	2.9	10	0.9	0.1	2.0	1.2	2.0
Decelerated: Short term (graduated less than one year late)	1	0.6	2	0.2	0.0	NR	NR	NR
Decelerated: To next cohort	3	1.7	6	0.5	0.1	NR	NR	NR
Subtotal	38	21.7	1,118	100.0	14.6	29.4	27.4	30.0

TABLE 56A (CONTINUED). 2021 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>
Total								
Graduated, or expect to graduate, on time	173	98.9	7,209	94.4	94.4	41.9	22.2	38.0
Academic dismissal	62	35.4	108	1.4	1.4	1.7	1.1	1.0
Non-academic dismissal (e.g., professionalism sanction)	17	9.7	22	0.3	0.3	1.3	0.8	1.0
Withdrew: Medical reason(s)	20	11.4	24	0.3	0.3	1.2	0.4	1.0
Withdrew: Personal reason(s)	55	31.4	90	1.2	1.2	1.6	0.9	1.0
Decelerated: Short term (graduated less than one year late)	40	22.9	99	1.3	1.3	2.5	1.9	2.0
Decelerated: To next cohort	53	30.3	88	1.2	1.2	1.7	1.2	1.0
Subtotal	175	100.0	7,640	100.0	100.0	44.4	29.2	39.5

TABLE 56B. 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	7,209	7.7	72.5	14.2
Academic dismissal	108	0.1	1.2	0.1
Non-academic dismissal (e.g., professionalism sanction)	22	0.0	0.2	0.1
Withdrew: Medical reason(s)	24	0.0	0.3	0.0
Withdrew: Personal reason(s)	90	0.1	1.0	0.1
Decelerated: Short term (graduated less than one year late)	99	0.1	1.2	0.0
Decelerated: To next cohort	88	0.1	0.9	0.1
Total	7,640	8.2	77.2	14.6

TABLE 57A. 2021 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>
American Indian or Alaska Native								
Graduated, or expect to graduate, on time	25	14.1	40	97.6	0.5	1.6	1.2	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)	1	0.6	1	2.4	0.0	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: To next cohort	0	0.0	0	0.0	0.0	NR	NR	NR
Subtotal	26	14.7	41	100.0	0.5	1.6	1.2	1.0
Asian								
Graduated, or expect to graduate, on time	132	74.6	722	94.0	9.0	5.5	4.5	4.0
Academic dismissal	8	4.5	8	1.0	0.1	1.0	0.0	1.0
Non-academic dismissal (e.g., professionalism sanction)	2	1.1	2	0.3	0.0	NR	NR	NR
Withdrew: Medical reason(s)	3	1.7	3	0.4	0.0	NR	NR	NR
Withdrew: Personal reason(s)	9	5.1	10	1.3	0.1	1.1	0.3	1.0
Decelerated: Short term (graduated less than one year late)	11	6.2	15	2.0	0.2	1.4	0.7	1.0
Decelerated: To next cohort	7	4.0	8	1.0	0.1	1.1	0.4	1.0
Subtotal	135	76.3	768	100.0	9.6	5.7	4.7	4.0
Black or African American								
Graduated, or expect to graduate, on time	104	58.8	249	85.9	3.1	2.4	1.6	2.0
Academic dismissal	12	6.8	12	4.1	0.2	1.0	0.0	1.0
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)	10	5.6	11	3.8	0.1	1.1	0.3	1.0
Decelerated: Short term (graduated less than one year late)	8	4.5	9	3.1	0.1	1.1	0.4	1.0
Decelerated: To next cohort	9	5.1	9	3.1	0.1	1.0	0.0	1.0
Subtotal	112	63.3	290	100.0	3.6	2.6	1.8	2.0

TABLE 57A (CONTINUED). 2021 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>
Multiracial								
Graduated, or expect to graduate, on time	63	35.6	165	95.9	2.1	2.6	2.5	2.0
Academic dismissal	2	1.1	2	1.2	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	0.6	1	0.6	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: To next cohort	3	1.7	4	2.3	0.1	NR	NR	NR
Subtotal	65	36.7	172	100.0	2.2	2.6	2.5	2.0
Native Hawaiian or Pacific Islander								
Graduated, or expect to graduate, on time	17	9.6	19	86.4	2.4	1.1	0.3	1.0
Academic dismissal	1	0.6	1	4.5	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)	0	0.0	0	0.0	0.0	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)	1	0.6	1	4.5	0.1	NR	NR	NR
Decelerated: To next cohort	1	0.6	1	4.5	0.1	NR	NR	NR
Subtotal	19	10.7	22	100.0	2.8	1.2	0.5	1.0
White								
Graduated, or expect to graduate, on time	155	87.6	5,231	95.0	65.5	33.7	15.8	29.0
Academic dismissal	43	24.3	62	1.1	0.8	1.4	0.7	1.0
Non-academic dismissal (e.g., professionalism sanction)	11	6.2	13	0.2	0.2	1.2	0.4	1.0
Withdrew: Medical reason(s)	15	8.5	18	0.3	0.2	1.2	0.4	1.0
Withdrew: Personal reason(s)	38	21.5	55	1.0	0.7	1.4	0.7	1.0
Decelerated: Short term (graduated less than one year late)	31	17.5	66	1.2	0.8	2.1	1.4	2.0
Decelerated: To next cohort	40	22.6	62	1.1	0.8	1.6	1.1	1.0
Subtotal	158	89.3	5,507	100.0	68.9	34.9	16.9	30.5

TABLE 57A (CONTINUED). 2021 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>
Other								
Graduated, or expect to graduate, on time	45	25.4	160	92.5	2.0	3.6	2.8	2.0
Academic dismissal	3	1.7	3	1.7	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)	1	0.6	1	0.6	0.0	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)	3	1.7	4	2.3	0.1	NR	NR	NR
Decelerated: To next cohort	5	2.8	5	2.9	0.1	1.0	0.0	1.0
Subtotal	50	28.2	173	100.0	2.2	3.5	3.0	2.0
Unknown race								
Graduated, or expect to graduate, on time	51	28.8	972	95.4	12.2	19.1	24.9	4.0
Academic dismissal	7	4.0	13	1.3	0.2	1.9	1.1	2.0
Non-academic dismissal (e.g., professionalism sanction)	3	1.7	3	0.3	0.0	NR	NR	NR
Withdrew: Medical reason(s)	2	1.1	2	0.2	0.0	NR	NR	NR
Withdrew: Personal reason(s)	8	4.5	14	1.4	0.2	1.8	1.0	1.5
Decelerated: Short term (graduated less than one year late)	2	1.1	3	0.3	0.0	NR	NR	NR
Decelerated: To next cohort	5	2.8	12	1.2	0.2	2.4	0.9	3.0
Subtotal	58	32.8	1,019	100.0	12.8	22.9	25.9	4.0
Total								
Graduated, or expect to graduate, on time	175	98.9	7,558	94.6	94.6	43.2	20.2	38.0
Academic dismissal	62	35.0	101	1.3	1.3	1.6	1.0	1.0
Non-academic dismissal (e.g., professionalism sanction)	17	9.6	18	0.2	0.2	5.2	17.0	1.0
Withdrew: Medical reason(s)	20	11.3	25	0.3	0.3	1.3	0.4	1.0
Withdrew: Personal reason(s)	55	31.1	91	1.1	1.1	1.7	1.0	1.0
Decelerated: Short term (graduated less than one year late)	41	23.2	98	1.2	1.2	2.4	1.8	2.0
Decelerated: To next cohort	60	33.9	101	1.3	1.3	1.7	1.3	1.0
Total	177	100.0	7,992	100.0	100.0	47.0	30.0	40.0

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

	n(S)	American Indian or Alaskan Native	Asian	Black or African American	Multiracial	Native Hawaiian or Pacific Islander	White	Other Race	Unknown Race
Other									
Graduated, or expect to graduate, on time	7,558	0.5	9.6	3.3	2.2	0.3	69.2	2.1	12.9
Academic dismissal	101	0.0	7.9	11.9	2.0	1.0	61.4	3.0	12.9
Non-academic dismissal (e.g., professionalism sanction)	18	0.0	11.1	0.0	0.0	0.0	72.2	0.0	16.7
Withdrew: Medical reason(s)	25	4.0	12.0	0.0	0.0	0.0	72.0	4.0	8.0
Withdrew: Personal reason(s)	91	0.0	11.0	12.1	1.1	0.0	60.4	0.0	15.4
Decelerated: Short term (graduated less than one year late)	98	0.0	15.3	9.2	0.0	1.0	67.3	4.1	3.1
Decelerated: To next cohort	101	0.0	7.9	8.9	4.0	1.0	61.4	5.0	11.9
Total	7,992	0.5	9.6	3.6	2.2	0.3	68.9	2.2	12.8

Of the 162 programs that reported some race information (excluding those that only reported “Other” or “Do not know”) for their 2021 graduating cohort, 6 (3.7%) reported no non-White graduates.

SECTION 5. SPECIALIZED SUPERVISED CLINICAL PRACTICE EXPERIENCE

This section details additional information about supervised clinical practice experiences (SCPEs), including the utilization of Veterans Affairs (VA) and community health centers (CHCs). These questions were asked for the first time on the 2020-2021 Program Survey and will be included in future Curriculum Surveys (Didactic, Clinical). In addition, programs were also surveyed on waiver training for medication assisted treatments for substance use disorders (MAT).

TABLE 58. MAT WAIVER TRAINING

	n	%
Provided	132	64.7
Required	112	54.9

TABLE 59. MAT WAIVER TRAINING HOURS RECOMMENDED/REQUIRED BY PROGRAMS

	n	Min	Max	M	SD	Mdn
Number of hours	108	2.0	41.0	19.2	7.5	24.0

TABLE 60: PERCENTAGE OF PROGRAMS REPORTING ACTIVE PRECEPTORS BY PROFESSION (%)

Profession	<i>n</i>	%	Min	Max	<i>M</i>	<i>SD</i>	P10	P25	P50 (<i>Mdn</i>)	P75	P90
Advanced Practice Nursing (APN; Nurse Practitioner)	170	83.3	1.0	33.0	7.8	6.1	2.0	4.0	5.0	10.0	15.0
Doctor of Medicine (MD) or Doctor of Osteopathic Medicine (DO)	202	99.0	8.0	94.0	54.2	18.5	30.0	42.0	51.3	70.0	15.0
Physician Assistant/ Associate (PA)	203	99.5	5.0	95.0	39.4	17.7	16.0	27.0	40.0	50.0	60.0
Other	21	10.3	0.1	100.0	7.2	21.3	0.6	1.0	2.0	5.0	5.0

Note: Other professions include, but were not limited to: clinicians who hold other doctoral degrees (PhD, PsyD), as well as psychologists, licensed behavioral health counselors, physical therapists, and occupational therapists.

TABLE 61: USAGE OF VETERANS AFFAIRS (VA) AND COMMUNITY HEALTH CENTERS (CHCS) FOR CLINICAL ROTATIONS

Type of Facility	<i>n</i>	%	# of Students		
			<i>Mn</i>	<i>SD</i>	<i>Mdn</i>
Veteran Affairs (VA) facilities	122	59.8	14.7	16.8	9.5
Community Health Centers (CHCs)	121	59.3	17.6	20.0	12.5

Note: "n" denotes number of programs.

TABLE 62: OBSTACLES OR BARRIERS TO USAGE OF VA AND CHCS FOR CLINICAL ROTATIONS

Obstacles or Barriers to Placement	Veterans Affairs (VA)		Community Health Center (CHCs)	
	<i>n</i>	%	<i>n</i>	%
Placing students at remote sites is financially prohibitive to the program and/or students	9	4.4	12	5.9
The local facility administrators preferentially give slots not already reserved for medical students to students from other non-PA health professions (e.g., APRN)	35	17.2	35	17.2
The local facility administrators only give slots to medical students	30	14.7	20	9.8
There are no sites of this type within the vicinity of my program	3	1.5	4	2.0
The local facilities do not use advanced practice clinicians	3	1.5	4	2.0
Other barriers	67	32.8	47	23.0
N/A: My program has placed students in this type of facility with no obstacles or barriers	66	32.4	66	32.4
N/A: My program has not attempted to place students at this type of facility	20	9.8	30	14.7

Other barriers listed by programs for both VA and CHC placement include the COVID-19 pandemic and competition with other PA programs. In addition, programs noted the onboarding process/administrative barriers and difficulties with obtaining affiliation agreements as barriers specific to VA facilities while high staff/provider turnover, lack of experienced preceptors, and the overburdened nature of CHCs as barriers to placing students at those facilities.