



PAEA RESEARCH

Program Report 33

By the Numbers | Data from the 2017 Program Survey



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BY THE NUMBERS

PROGRAM REPORT 33: DATA FROM THE 2017 PROGRAM SURVEY

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INTRODUCTION

Physician Assistant Education Association

Founded in 1972, the Physician Assistant Education Association (PAEA) is the only national organization representing PA education programs in the United States. At the time of the 2017

Program Survey administration in June 2017, PAEA represented 224 PA programs. For more information about PAEA and our products and services, visit PAEAonline.org.

METHODS

The Survey Instrument

The 2017 Program Survey collected data that are reported in the following sections:

1. **Section 1. General Information:** Includes geographic location of programs, credentials awarded, program length, and program start and end months
2. **Section 2. Financial Information:** Includes information on program budget sources, expense areas, tuition and fees, and payments for clinical sites
3. **Section 3. Program Personnel:** Includes information on faculty teaching load, faculty and staff headcounts and full-time equivalents (FTEs), and barriers to hiring new faculty
4. **Section 4. Students:** Includes information on capacity and enrollment, and academic and demographic information for the first-year class and 2017 cohort of PA students

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

The questions in all sections of the survey, except those relating to financial information, reflect the 2016–2017 academic year. The financial information is based on the 2016–2017 fiscal year, as defined by each program. Unless otherwise indicated, the survey covers the graduate, professional phase of the program. The “graduate, professional phase” is defined as the portion of a PA student’s education that is conducted in an educational program accredited by the Accreditation Review Commission on Education for the Physician Assistant (ARC-PA); this is typically about two years in length, with one year of classroom and laboratory instruction followed by one year of clinical rotations. Students in pre-professional programs, or 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 2017 Program Survey was sent to the program directors of PAEA’s 224 member programs on June 7, 2017. During the course of administration, one program withdrew from accreditation, reducing the total population of PA programs to 223. The PAEA Research Team sent email reminders to non-respondents and conducted follow-up calls between July and October 2017 until all 223 accredited member programs had completed the survey. The survey closed in October 2017. The survey yielded an overall response rate of 100% based on the 223 respondents; however, the response rate varies for individual items.

Data Cleaning & Analysis

Responses were checked for logical consistency and examined for extreme values and possible errors. In cases of obvious misinterpretation 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 comparison 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 and maximum values (range), arithmetic mean (*M*), standard deviation (*SD*), median (*Mdn*), and percentiles (*P*). Tables describing financial information also include a 10% trimmed mean (*M(T)*), or 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 every year to improve data quality and to add clarity or additional information to the results that have been Program Report fixtures for years.

This year, one notable change is how first-year and 2017 cohort student demographic data are reported. In previous years, these tables presented aggregate statistics for all responding programs, including those that reported zero students belonging to a demographic. This year, zeroes were removed from the analyses, altering the number of programs reported in the tables (*n(P)*) and the interpretation of the mean, standard deviation, and median (*M*, *SD*, *Mdn*). For example, in last year's **Program Report 32**, Table 39A presented data on the 2016 cohort's

gender by student status (i.e., graduation, dismissal, withdrawal, and deceleration rates). The table showed that 178 programs reported a total of 76 female students who were dismissed for academic reasons, with a mean of 0.4. This mean is difficult to interpret: "On average, PA programs reported 0.4 female students dismissed for academic reasons." Is this meaningful when it is evident that the majority of PA programs dismissed zero female students for academic reasons? This year, Table 56A presents the same data for the 2017 cohort, excluding zeroes prior to analysis. The table shows that 60 programs reported a total of 99 female students who were dismissed for academic reasons, with a mean of 1.6. The interpretation now is: "Among programs that reported at least one female student dismissed for academic reasons, the average number of female students dismissed for academic reasons per program was 1.6." These tables also report the proportion of programs (% (*P*)) that report any students of each demographic and status. More details about these and other enhancements are available in the body of the report. PAEA's Research Team believes that, while different from past Program Reports, these changes improve the utility and clarity of the data.

In addition, for the second year, this report includes information on the proportion of programs that did not report demographic information for their first-year class (Table 46) and their 2017 cohort (Table 55). While the majority of programs provide adequate student demographic data, omissions of this valuable information by some programs has been a chronic and recurring concern with potentially negative effects for the PA profession, as a whole, and for PA education, specifically. Documenting the extent of the missing data is necessary because it helps us understand what we know — and don't know — about diversity in the PA student body. Diversity is a core aspect of the PAEA mission and one of the dominant themes of the **2017 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 reporting and capacity for empirical research on the PA student body by PAEA's Research Team and other researchers, 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 their collection less onerous for programs, programs are encouraged to prioritize the accurate collection and tracking of student demographic information, and to ensure that the most reliable data are available for the profession.

Limitations

Program personnel and student data included in this report are provided by PA programs and may vary in response rate and accuracy; thus, yearly fluctuations in the data do occur. For example, in questions addressing student demographics, some programs only reported headcounts of students belonging to a non-majority demographic (e.g., in response to the question about first-year students' ethnicities, a program might report 2 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 determine whether the change was unique to that year (i.e., due to response rate or random fluctuation or was representative of an emerging trend.).

Questions & Data Requests

The data from the 2017 Program Survey, as well as custom reports using these data, are available upon request. More information is available in PAEA's **Data Request & Sharing Policies**. Please direct inquiries regarding data requests or about this report to the Research Team at research@PAEAonline.org.

SECTION 1. GENERAL INFORMATION

FIGURE 1. CUMULATIVE TOTAL NUMBER OF PA PROGRAMS SINCE 1965

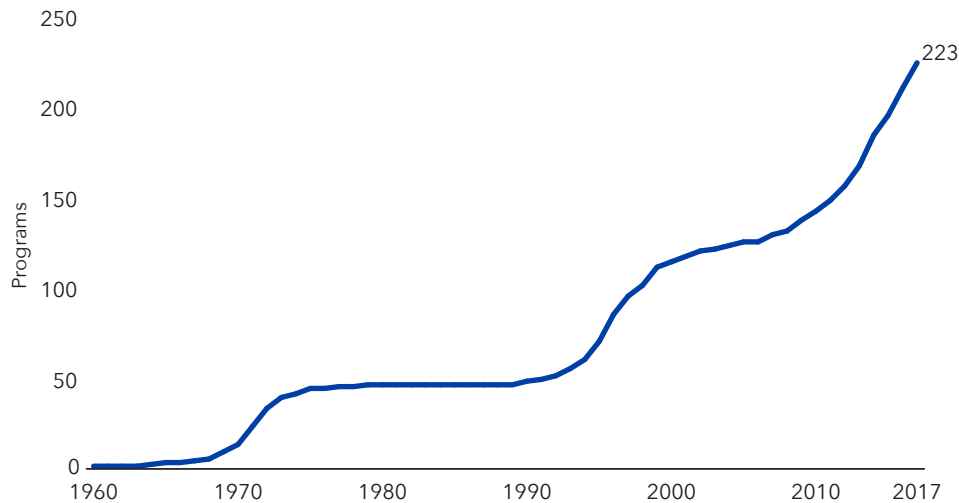
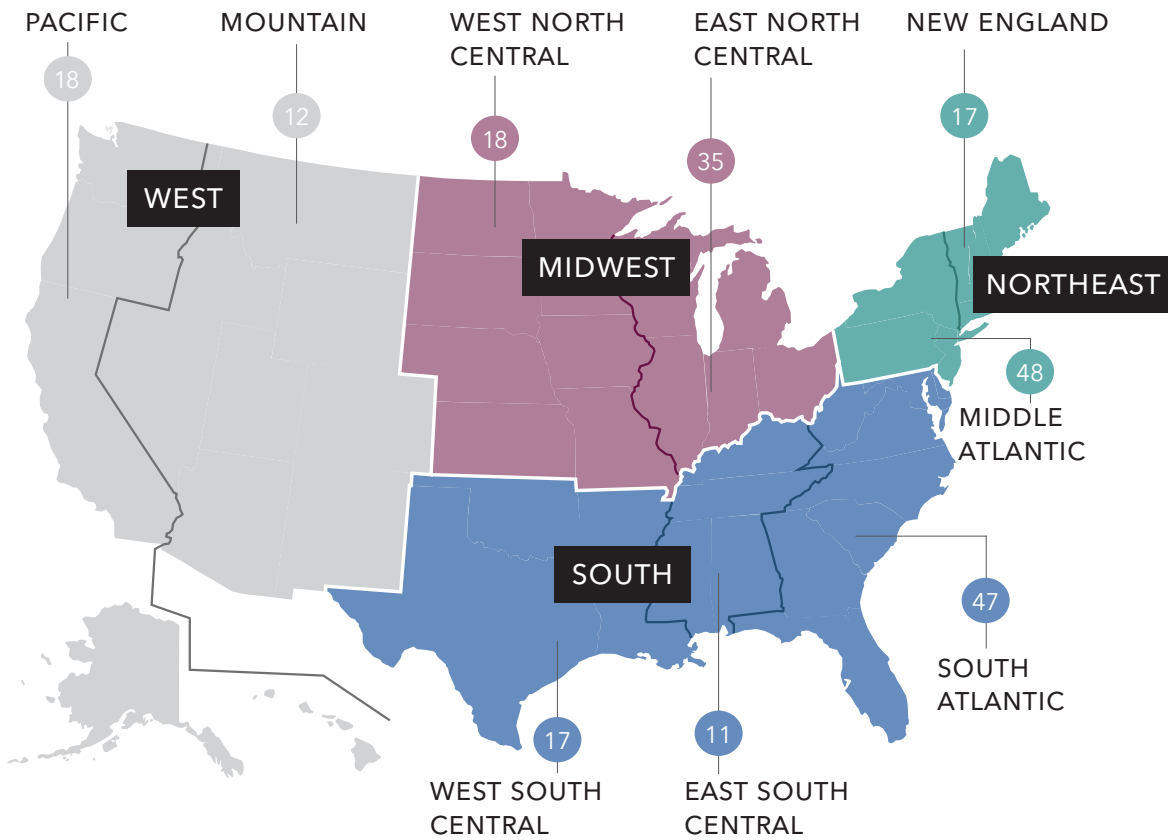


TABLE 1. SPONSORING INSTITUTION ATTRIBUTES

	<i>n</i>	%
Type of institution		
Private, non-profit	134	60.1
Public	68	30.5
Private, for-profit	16	7.2
Public/private hybrid	4	1.8
Military	1	0.4
Academic Health Center status		
Non-AHC	159	71.3
AHC	64	28.7
Administrative housing		
School of Allied Health/Health Professions/Health Sciences	120	53.8
College/School of Medicine	33	14.8
Department/School of Physician Assistant Studies (stand-alone)	40	17.9
College of Graduate and Professional Studies	12	5.4
College of Arts and Sciences	6	2.7
Science Department	5	2.2
Other health discipline (e.g., Nursing, Pharmacy, Podiatry)	5	2.2
Other	2	0.9
Total	223	100.0

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



REGION 1 NORTHEAST
64 PROGRAMS

DIVISION 1 NEW ENGLAND

- Connecticut (5)
- Maine (1)
- Massachusetts (7)
- New Hampshire (2)
- Rhode Island (2)
- Vermont (0)

DIVISION 2 MIDDLE ATLANTIC

- New Jersey (3)
- New York (23)
- Pennsylvania (22)

REGION 2 MIDWEST
53 PROGRAMS

DIVISION 3 EAST NORTH CENTRAL

- Illinois (6)
- Indiana (5)
- Michigan (6)
- Ohio (13)
- Wisconsin (5)

DIVISION 4 WEST NORTH CENTRAL

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

REGION 3 SOUTH
75 PROGRAMS

DIVISION 5 SOUTH ATLANTIC

- Delaware (0)
- District of Columbia (1)
- Florida (14)
- Georgia (4)
- Maryland (2)
- North Carolina (11)
- South Carolina (4)
- Virginia (8)
- West Virginia (3)

DIVISION 6 EAST SOUTH CENTRAL

- Alabama (2)
- Kentucky (3)
- Mississippi (1)
- Tennessee (5)

DIVISION 7 WEST SOUTH CENTRAL

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

REGION 4 WEST
30 PROGRAMS

DIVISION 8 MOUNTAIN

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

DIVISION 9 PACIFIC

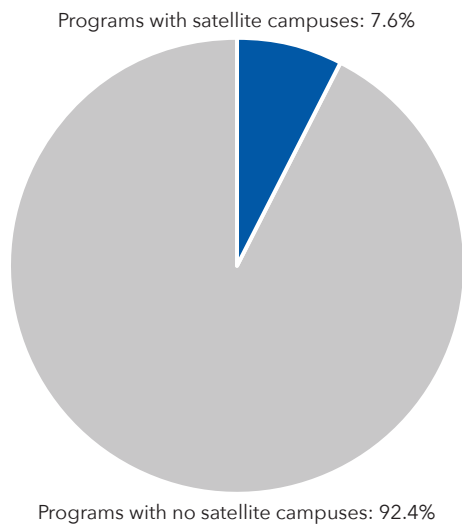
- Alaska (0)
- California (14)
- Hawaii (0)
- Oregon (2)
- Washington (2)

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

TABLE 2. GEOGRAPHIC DISTRIBUTION OF PA PROGRAMS

	<i>n</i>	%
Northeast Region		
New England Division	17	7.6
Middle Atlantic Division	48	21.5
Subtotal	65	29.1
Midwest Region		
East North Central Division	35	15.7
West North Central Division	18	8.1
Subtotal	53	23.8
South Region		
South Atlantic Division	47	21.1
East South Central Division	11	4.9
West South Central Division	17	7.6
Subtotal	75	33.6
West Region		
Mountain Division	12	5.4
Pacific Division	18	8.1
Subtotal	30	13.5
Total	223	100.0

FIGURE 3. PROGRAMS WITH SATELLITE CAMPUSES (%)



Seventeen programs operated a total of 26 satellite campuses accredited through their sponsoring institutions. Of these programs with satellite campuses, 3 (17.6%) had separate admissions processes.

Academic Terms & Schedules

TABLE 3. ACADEMIC TERMS

	<i>n</i>	%
Semesters	177	79.4
Trimesters	21	9.4
Quarters	19	8.5
Other	6	2.7
Total	223	100.0

TABLE 4. CREDITS REQUIRED FOR COMPLETION BY ACADEMIC TERM

	<i>n</i>	Range	<i>M</i>	<i>SD</i>	<i>Mdn</i>
Semesters	177	30.0-154.0	106.5	18.6	106.0
Trimesters	21	64.0-142.0	106.7	18.4	108.0
Quarters	19	117.0-175.0	150.7	19.2	154.0
Other	6	91.0-141.0	112.3	16.9	110.5
Overall	223	30.0-175.0	110.5	22.2	109.0

FIGURE 4. PA PROGRAM START AND END MONTHS

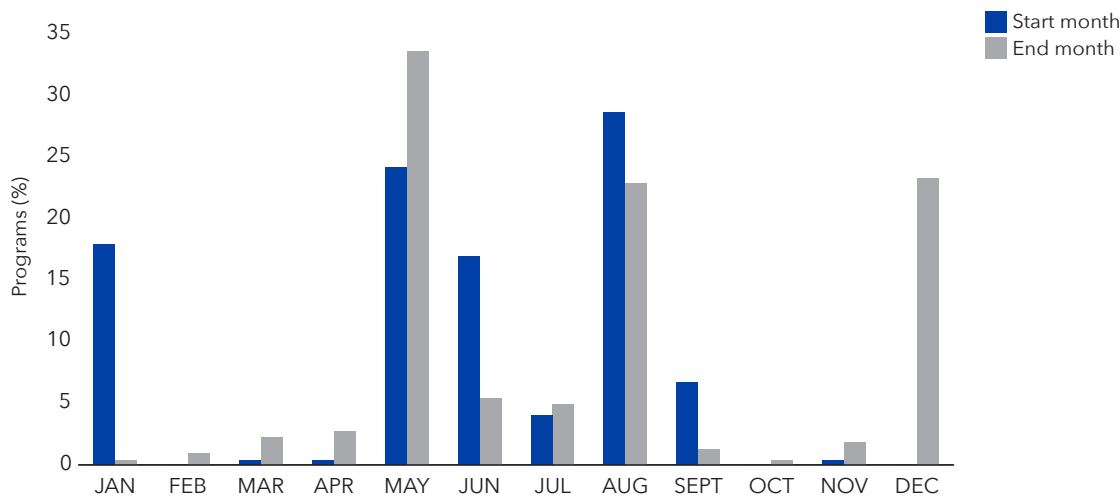


TABLE 5. PA PROGRAM LENGTH (WEEKS)

	<i>n</i>	Range	<i>M</i>	<i>SD</i>	P10	P25	P50 (<i>Mdn</i>)	P75	P90
Didactic phase	223	30.0-104.0	57.9	10.3	48.0	52.0	56.0	64.0	70.0
Clinical phase	223	36.0-105.0	53.7	8.2	48.0	50.0	52.0	56.0	64.0
Vacation	222	2.0-30.0	9.4	5.0	4.0	6.0	8.0	11.0	15.0

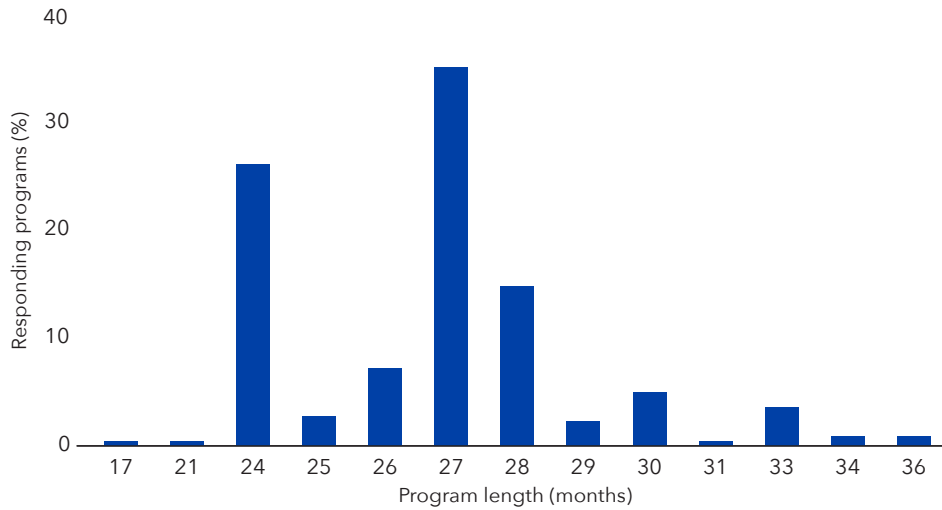
81 programs (36.3%) offered clinical experiences during the didactic phase. On average, these programs offered clinical experiences on 15.8 days (range = 0.5–80.0, *SD* = 15.9, *Mdn* = 10.0).

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

TABLE 6. TOTAL PA PROGRAM LENGTH (MONTHS)

	<i>n</i>	Range	<i>M</i>	<i>SD</i>	<i>Mdn</i>
PA program length	222	17.0-36.0	26.7	2.5	27.0

FIGURE 5. TOTAL PA PROGRAM LENGTH (MONTHS)



Admissions

TABLE 7. USE OF CASPA IN ADMISSIONS

	<i>n</i>	%
All students were admitted through CASPA	190	85.2
Some but not all students were admitted through CASPA	16	7.2
No students were admitted through CASPA	12	5.4
No students were admitted in the 2016-2017 academic year	5	2.2
Total	223	100.0

92.4% of programs reported using CASPA to admit some or all students.

Credentials

TABLE 8. CREDENTIALS AWARDED TO PA GRADUATES

	<i>n</i>	%
Certificate of completion	25	11.2
Associate's degree	1	0.4
Baccalaureate degree	8	3.6
Master's degree	213	95.5
Associate's degree and master's degree	1	0.4
Associate's degree and optional master's degree	1	0.4
Bachelor's degree/Master's degree (accelerated program)	11	4.9
Master's degree plus Master of Public Health (MPH)	9	4.0
Doctoral degree	1	0.4

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

TABLE 9. PRIMARY CREDENTIAL AWARDED TO PA GRADUATES

	<i>n</i>	%
Certificate of completion	1	0.5
Baccalaureate degree	2	0.9
Master's degree	209	96.8
Associate's degree and master's degree	1	0.5
Associate's degree and optional master's degree	1	0.5
Bachelor's degree/Master's degree (accelerated program)	1	0.5
Master's degree plus Master of Public Health (MPH)	1	0.5
Total	216	100.0

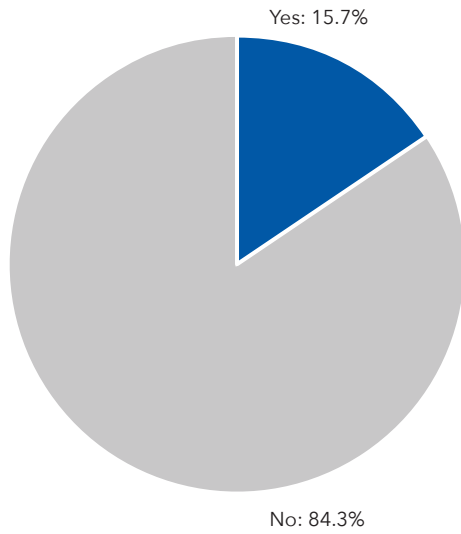
Note: Programs that selected more than one credential awarded to PA graduates were asked to indicate which was their program's primary credential.

TABLE 10. TYPE OF MASTER'S DEGREE AWARDED TO PA GRADUATES

	<i>n</i>	%
Master of Physician Assistant Studies (MPAS), Master of Science in Physician Assistant Studies (MSPAS), Master of Physician Assistant Practice (MPAP), or Master of Physician Assistant (MPA)	131	60.6
Master of Science (MS)	34	15.7
Master of Medical Science (MMS/MMSc) or Master of Science in Medicine (MSM)	26	12.0
Master of Health Science (MHS) or Master of Science in Health Science (MSHS)	15	6.9
Other	10	4.6
Total	216	100.0

Pre-Professional Phase

FIGURE 6. PROGRAMS WITH A PRE-PROFESSIONAL PHASE (%)



35 programs (15.7%) reported having a pre-professional phase. Among these programs, 30 (85.7%) operated on a semester schedule with an average pre-professional phase length of 6.2 semesters ($SD = 1.5$, $Mdn = 6.0$). Programs reported admitting a total of 1,049 pre-professional students (range = 2–130, $M = 36.2$, $SD = 27.9$, $Mdn = 31.0$) in the 2016–2017 academic year.

TABLE 11. PROGRAM MODELS FOR THE PRE-PROFESSIONAL PHASE

	<i>n</i>	%
3+2	17	48.6
4+2	5	14.3
3+3	4	11.4
2+3	3	8.6
Other	6	17.1
Total	35	100.0

SECTION 2. FINANCIAL INFORMATION

Programs were asked to supply their financial information for the 2016–2017 fiscal year, as defined by the program, rather than the 2016–2017 academic year. 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 indicated a funding source, expense, or fee, regardless of whether they reported dollar amounts. In tables reporting itemized student fees (Tables 27–29), “% Reporting” refers to the number of responding programs that indicated a fee, divided by the 120 programs that were able to provide detailed, itemized student fees.
- **“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.

TABLE 12. FISCAL YEAR DEFINITIONS

	<i>n</i>	%
July 1–June 30	170	76.2
June 1– May 31	24	10.8
September 1–August 31	14	6.3
October 1–September 30	8	3.6
January 1–December 31	5	2.2
Other	2	0.9
Total	223	100.0

Program Budget

Programs were asked to indicate all funding sources for their 2016–2017 fiscal year operations budgets, excluding in-kind contributions, from a list of 10 sources. Programs could provide up to three “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. Programs that reported total budgets of under \$120,000 were excluded. A total of 222 programs checked off budget sources and 211 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 programs. The percentages do not sum to 100% because not all programs reported receiving financial support from each source.

TABLE 13. SOURCES OF PA PROGRAMS' FINANCIAL SUPPORT (\$)

	% Reporting	n	M	M (T)	SD	P10	P25	P50 (Mdn)	P75	P90	Mean % of Budget
AHEC support	2.7	5	9,698	9,698	8,576	2,716	3,790	4,700	18,000	19,200	0.7
Budgeted funds from sponsoring institution	82.9	173	1,531,933	1,367,212	1,181,564	404,654	874,062	1,319,842	1,781,770	2,950,729	84.5
Clinical practice income	4.5	9	56,306	56,306	49,072	5,038	19,984	53,540	80,435	110,000	3.6
Endowment	3.6	7	80,486	80,486	55,769	16,098	38,074	90,000	127,714	139,990	4.5
Federal grant/Contract	17.1	36	244,670	172,223	341,779	14,890	34,358	174,751	252,464	505,496	10.8
Private donations and gifts	13.5	26	79,987	18,255	236,292	725	2,062	6,750	35,500	70,135	4.5
Private foundation	6.3	13	38,857	27,473	52,483	8,532	12,610	23,000	30,000	74,000	2.2
State grant/Contract	8.6	19	426,405	389,724	400,567	70,168	158,022	210,607	665,363	947,116	21.6
Tuition and fees received directly by the program	41.4	78	2,267,242	1,897,602	2,189,848	137,538	782,413	1,776,446	3,007,350	4,632,860	69.5
Other	1.8	7	135,846	135,846	136,058	15,660	28,500	118,726	201,712	311,437	5.4
Total budget	-	211	2,196,368	1,893,005	1,686,782	800,000	1,242,692	1,716,020	2,636,450	3,852,821	100.0

TABLE 14. 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											
AHEC support	8.8	5	9,698	9,698	8,576	2,716	3,790	4,700	18,000	19,200	0.7
Budgeted funds from sponsoring institution	82.4	53	1,086,908	1,068,672	587,410	427,256	714,116	1,073,603	1,380,710	1,768,961	74.2
Clinical practice income	11.8	8	63,094	63,094	47,730	15,728	23,746	61,770	85,326	115,000	4.0
Federal grant/Contract	27.9	18	291,021	229,092	444,427	31,621	51,250	172,883	235,069	641,313	13.0
Private donations and gifts	16.2	10	9,452	6,883	11,536	1,395	2,266	5,500	10,000	19,200	0.4
Private foundation	7.4	5	12,742	12,742	10,278	5,026	8,165	10,000	12,610	23,044	0.6
State grant/Contract	17.6	12	576,997	544,757	438,304	84,546	199,466	480,418	903,770	969,764	30.4
Tuition and fees received directly by the program	54.4	33	1,503,061	1,166,876	1,714,372	116,797	307,720	1,119,960	1,864,500	3,102,370	60.7
Total budget	-	66	1,826,797	1,653,238	1,232,877	764,563	1,241,500	1,614,009	2,087,019	2,800,556	100.0
Private											
Budgeted funds from sponsoring institution	83.2	116	1,745,948	1,562,432	1,333,794	389,525	1,013,097	1,431,174	1,999,986	3,119,726	88.8
Endowment	4.0	5	107,246	107,246	38,124	66,000	90,000	115,979	139,450	140,260	5.8
Federal grant/Contract	12.1	17	193,409	175,618	200,932	7,947	18,250	168,982	243,451	484,397	8.7
Private donations and gifts	12.8	16	124,072	63,209	295,951	625	2,532	13,750	51,522	331,676	7.2
Private foundation	6.0	8	55,178	55,178	62,209	18,328	21,875	26,000	57,500	116,000	3.1
State grant/Contract	4.7	7	168,248	168,248	77,789	87,952	132,000	179,858	192,500	240,000	6.3
Tuition and fees received directly by the program	36.2	44	2,825,552	2,506,284	2,371,273	288,256	1,008,250	2,636,450	3,495,397	6,838,457	75.7
Total budget	-	140	2,391,252	2,057,244	1,854,714	883,635	1,246,132	1,798,365	2,971,251	4,527,297	100.0

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

TABLE 15. BUDGET SOURCES BY 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>	Mean % of Budget
Public										
Budget from sponsoring institution										
25 or fewer students	9	667,001	667,001	340,561	358,760	500,000	714,116	793,480	989,804	63.7
26-50 students	30	1,167,758	1,166,770	547,322	586,317	872,850	1,205,993	1,366,274	1,780,499	79.9
51-75 students	10	1,300,304	1,291,991	778,229	387,654	694,726	1,541,350	1,729,343	2,001,410	69.9
Subtotal	53	1,086,908	1,068,672	587,410	427,256	714,116	1,073,603	1,380,710	1,768,961	74.2
Tuition and fees received directly by the program										
25 or fewer students	5	536,100	536,100	327,384	187,755	307,720	578,000	809,153	850,371	38.7
26-50 students	16	1,579,735	1,427,039	1,314,905	158,210	843,079	1,425,566	1,921,393	2,989,984	71.0
51-75 students	6	1,093,268	1,093,268	1,664,200	129,242	176,567	354,838	1,014,644	2,795,724	44.0
Subtotal	33	1,503,061	1,166,876	1,714,372	116,797	307,720	1,119,960	1,864,500	3,102,370	60.7
Total budget										
25 or fewer students	9	1,125,742	1,125,742	397,372	681,489	793,480	1,163,198	1,262,610	1,641,491	100.0
26-50 students	38	1,745,618	1,649,900	979,798	797,769	1,248,865	1,494,500	2,048,952	2,790,709	100.0
51-75 students	12	2,028,594	1,875,168	848,391	1,360,658	1,578,914	1,822,574	2,162,390	2,578,104	100.0
Subtotal	66	1,826,797	1,653,238	1,232,877	764,563	1,241,500	1,614,009	2,087,019	2,800,556	100.0
Private										
Budget from sponsoring institution										
25 or fewer students	17	1,141,528	1,040,598	895,044	190,641	637,619	978,174	1,567,147	1,850,215	79.8
26-50 students	56	1,434,468	1,377,913	705,256	597,318	1,059,344	1,343,462	1,751,892	2,260,840	91.0
51-75 students	22	2,834,225	2,553,193	2,115,045	1,204,397	1,461,484	1,947,030	3,040,751	5,744,215	98.0
76-100 students	6	2,775,188	2,775,188	861,060	1,771,021	2,112,071	2,891,728	3,395,724	3,662,816	89.3
101 or more students	10	1,772,590	1,632,528	1,335,906	244,961	977,272	1,454,036	2,390,610	3,318,694	73.7
Subtotal	53	1,086,908	1,068,672	587,410	427,256	714,116	1,073,603	1,380,710	1,768,961	88.8
Tuition and fees received directly by the program										
25 or fewer students	6	806,551	806,551	626,995	192,240	410,639	711,750	1,130,875	1,515,662	55.7
26-50 students	24	2,146,677	2,177,448	1,170,978	458,405	1,083,750	2,463,736	2,903,985	3,394,413	76.9
76-100 students	6	6,754,476	6,754,476	2,559,892	3,593,384	4,885,500	7,567,066	8,599,682	9,102,978	90.4
Subtotal	33	1,503,061	1,166,876	1,714,372	116,797	307,720	1,119,960	1,864,500	3,102,370	75.7
Total budget										
25 or fewer students	18	1,393,267	1,280,718	905,672	557,150	881,930	1,310,540	1,669,232	1,952,233	100.0
26-50 students	71	1,902,407	1,797,109	1,049,933	923,000	1,204,452	1,722,150	2,470,620	3,162,949	100.0
51-75 students	24	3,175,772	2,832,921	2,410,972	1,230,976	1,504,452	2,381,085	4,206,634	5,956,391	100.0
76-100 students	11	5,299,027	5,238,986	2,833,523	2,068,134	3,273,816	4,064,000	7,872,562	8,921,757	100.0
101 or more students	10	2,853,142	2,735,598	1,431,880	1,336,621	1,719,159	2,661,198	3,615,140	4,570,037	100.0
Subtotal	66	1,826,797	1,653,238	1,232,877	764,563	1,241,500	1,614,009	2,087,019	2,800,556	100.0
All programs										
Budget from sponsoring institution										
25 or fewer students	26	977,269	885,818	776,417	178,970	528,981	767,009	1,343,032	1,656,771	74.2
26-50 students	87	1,343,040	1,297,269	659,920	601,304	961,605	1,282,595	1,660,646	1,981,080	87.3
51-75 students	34	2,255,603	1,964,871	1,914,302	640,320	1,224,331	1,606,258	2,767,250	5,152,471	89.9
76-100 students	8	2,404,784	2,404,784	1,083,162	1,312,096	1,829,648	2,427,868	3,131,908	3,608,742	83.5
101 or more students	10	1,772,590	1,632,528	1,335,906	244,961	977,272	1,454,036	2,390,610	3,318,694	73.7
Subtotal	173	1,531,933	1,367,212	1,181,564	404,654	874,062	1,319,842	1,781,770	2,950,729	84.5

(continued)

TABLE 15. BUDGET SOURCES BY CLASS SIZE AMONG PUBLIC AND PRIVATE PROGRAMS (\$), continued

	<i>n</i>	<i>M</i>	<i>M (T)</i>	<i>SD</i>	<i>P10</i>	<i>P25</i>	<i>P50 (Mdn)</i>	<i>P75</i>	<i>P90</i>	Mean % of Budget
Tuition and fees received directly by the program										
25 or fewer students	11	683,619	631,650	509,296	107,779	319,286	650,000	843,501	1,250,000	47.9
26-50 students	40	1,919,900	1,874,918	1,246,098	202,442	1,008,250	1,826,185	2,812,998	3,328,840	74.6
51-75 students	10	2,152,980	1,672,048	2,669,300	102,150	176,567	827,548	3,652,784	4,761,579	55.5
76-100 students	8	5,464,422	5,464,422	3,234,160	1,796,555	2,904,575	5,757,000	7,955,983	9,030,400	88.2
Subtotal	78	2,267,242	1,897,602	2,189,848	137,538	782,413	1,776,446	3,007,350	4,632,860	69.5
Total budget										
25 or fewer students	27	1,304,092	1,222,873	775,509	596,614	835,674	1,242,039	1,625,118	1,823,843	100.0
26-50 students	110	1,844,418	1,737,214	1,020,104	880,587	1,226,648	1,634,955	2,342,015	3,098,599	100.0
51-75 students	39	2,694,810	2,400,371	2,058,157	1,157,057	1,432,248	1,915,645	3,120,064	5,333,494	100.0
76-100 students	14	4,583,086	4,422,410	2,866,111	1,778,076	2,102,211	3,687,816	7,114,056	8,718,767	100.0
101 or more students	11	3,372,608	3,049,687	2,193,978	1,364,664	1,894,910	2,883,722	4,107,996	5,562,406	100.0
Subtotal	211	2,196,368	1,893,005	1,686,782	800,000	1,242,692	1,716,020	2,636,450	3,852,821	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 16. SOURCES OF FINANCIAL SUPPORT BY AHC STATUS (\$)

	% Reporting	<i>n</i>	<i>M</i>	<i>M (T)</i>	<i>SD</i>	<i>P10</i>	<i>P25</i>	<i>P50 (Mdn)</i>	<i>P75</i>	<i>P90</i>	Mean % of Budget
Academic Health Center											
AHEC support	9.4	5	9,698	9,698	8,576	2,716	3,790	4,700	18,000	19,200	0.7
Budgeted funds from sponsoring institution	78.1	47	1,406,762	1,154,266	1,473,015	469,308	781,573	1,171,986	1,477,352	2,244,010	73.9
Clinical practice income	6.3	7	57,822	57,822	48,973	14,309	22,492	53,540	75,218	108,261	4.1
Federal grant/Contract	29.7	17	341,009	282,871	470,930	29,361	50,000	158,905	306,539	958,980	12.2
Private donations and gifts	15.6	9	7,910	7,910	12,057	405	1,500	5,000	6,000	15,800	0.2
State grant/Contract	20.3	13	494,395	450,067	460,427	83,192	150,000	210,607	891,478	966,529	25.7
Tuition and fees received directly by the program	56.3	32	2,312,145	1,886,397	2,378,563	112,648	510,430	1,744,866	2,939,159	5,086,949	63.4
Total budget	-	61	2,512,604	2,057,869	2,106,880	1,049,000	1,306,995	1,729,502	2,768,026	5,818,482	100.0
Non-Academic Health Center											
Budgeted funds from sponsoring institution	84.8	126	1,578,624	1,458,500	1,055,680	389,525	908,904	1,405,728	1,890,469	3,022,306	88.5
Endowment	3.8	5	94,475	94,475	53,098	35,689	50,000	115,979	139,450	140,260	5.6
Federal grant/Contract	12.0	19	158,473	153,294	115,736	11,206	27,750	196,648	236,726	269,729	9.6
Private donations and gifts	12.7	17	118,146	60,549	287,574	1,076	3,000	17,000	50,530	282,496	6.8
Private foundation	7.6	11	44,033	31,270	55,792	10,000	18,214	25,000	40,000	80,000	2.4
State grant/Contract	3.8	6	279,096	279,096	175,480	114,369	181,144	242,500	420,626	480,418	12.5
Tuition and fees received directly by the program	35.4	46	2,236,005	1,905,269	2,075,008	241,750	883,387	1,776,446	3,007,350	4,201,854	73.8
Total budget	-	150	2,067,765	1,851,200	1,471,385	678,784	1,206,855	1,698,856	2,617,100	3,705,610	100.0

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

TABLE 17. SOURCES OF FINANCIAL SUPPORT BY ADMINISTRATIVE HOUSING (\$)

	<i>n</i>	<i>M</i>	<i>M (T)</i>	<i>SD</i>	<i>P10</i>	<i>P25</i>	<i>P50 (Mdn)</i>	<i>P75</i>	<i>P90</i>	Mean % of Budget
College of Arts and Sciences										
Budget from sponsoring institution	5	1,519,983	1,519,983	844,703	724,059	884,276	1,282,595	2,377,122	2,414,054	98.5
Total budget	5	1,547,706	1,547,706	862,935	724,059	884,276	1,337,091	2,438,675	2,452,215	100.0
College of Graduate and Professional Studies										
Budget from sponsoring institution	8	1,610,972	1,610,972	204,010	1,412,029	1,432,607	1,625,405	1,690,274	1,802,072	96.5
Total budget	12	1,944,264	1,941,768	935,740	1,383,969	1,432,607	1,702,864	2,383,451	3,251,130	100.0
College/School of Medicine										
Budget from sponsoring institution	24	1,359,145	1,038,575	1,771,363	206,388	469,762	1,062,378	1,582,744	2,030,888	68.2
Tuition and fees received directly by the program	20	2,157,426	1,695,104	2,272,470	173,848	530,272	1,621,090	2,711,672	4,376,013	66.0
Total budget	32	2,539,582	2,029,367	2,259,291	819,032	1,246,796	1,905,330	2,860,680	3,975,480	100.0
Department of PA Studies/PA Program										
Budget from sponsoring institution	33	1,987,448	1,771,476	1,546,401	639,388	1,085,709	1,380,710	2,783,455	4,307,819	85.4
Tuition and fees received directly by the program	11	2,156,410	2,172,885	1,522,337	330,852	879,000	2,598,342	3,512,794	3,897,178	64.9
Total budget	37	2,497,890	2,352,819	1,640,286	1,030,786	1,275,460	1,908,000	3,527,632	5,251,943	100.0
School of Allied Health/ Health Professions/ Health Sciences										
Budget from sponsoring institution	94	1,429,869	1,338,316	894,410	451,240	801,102	1,313,418	1,816,814	2,826,254	86.4
Tuition and fees received directly by the program	37	2,299,682	1,889,211	2,427,166	197,192	898,018	1,500,000	2,859,780	5,633,825	70.2
Total budget	113	2,043,886	1,774,737	1,594,474	716,543	1,201,741	1,634,568	2,385,969	3,277,832	100.0
Science Department										
Total budget	5	2,574,662	2,574,662	1,749,588	1,394,837	1,746,148	1,781,325	2,622,800	4,386,564	100.0
Other health discipline (e.g., Nursing, Pharmacy, Podiatry, etc.)										
Total budget	5	2,430,540	2,430,540	2,105,119	961,120	978,174	1,243,344	3,162,949	4,756,269	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 2016–2017 fiscal year. In addition, programs were asked to indicate any itemized expenses incurred during the 2016–2017 fiscal year from a list of 10 expense categories. Programs were then asked to report dollar amounts for each selected category. Programs could provide up to three “Other” sources, which were recoded into existing categories when possible. When more than 5 programs wrote in the same “Other” response, new categories were created. These new categories are reported under the “Other” subheading, indicating that these were expense categories not explicitly included in the survey instrument. A total of 221 programs indicated specific expense categories and 218 programs reported dollar amounts. **“Total expenses”** refers to programs’ reports of their total, non-itemized expenses for the 2016–2017 fiscal year and do not represent a sum of the itemized expenses reported in the tables.

TABLE 18. PA PROGRAM EXPENSES (\$)

	% Reporting	n	M	M (T)	SD	P10	P25	P50 (Mdn)	P75	P90
Faculty development (e.g., conferences, coursework, advanced degree)	93.7	196	25,438	20,394	29,610	6,762	10,368	20,000	30,000	45,700
Faculty salaries (excluding fringe benefits)	95.0	211	941,166	832,527	851,292	455,027	586,713	781,668	1,052,540	1,400,000
Laboratory supplies	89.1	184	23,095	16,548	29,786	3,528	6,000	12,000	27,500	54,913
Office expenses (e.g., supplies, printing)	95.9	200	41,806	17,291	117,351	2,000	4,375	12,000	29,000	87,188
Payment for didactic instruction not included in faculty salaries	77.4	158	65,376	46,760	97,849	5,210	15,850	40,509	74,898	143,100
Payment for student housing and travel to remote clinical sites	22.6	41	44,582	33,135	56,995	3,000	10,000	20,400	58,016	125,817
Payment for supervised clinical practice (sites and/or clinical preceptors)	39.4	75	171,731	113,061	285,854	3,000	16,225	72,000	228,250	382,529
Simulation activities (excluding capital and standardized patients)	47.1	84	22,902	15,396	31,952	1,227	4,600	10,000	25,576	58,500
Staff salaries (excluding fringe benefits)	96.4	208	180,646	155,025	159,023	52,247	85,545	128,114	239,476	355,532
Standardized patients	64.7	130	16,693	11,486	28,330	1,500	3,888	8,548	20,000	36,400
Other										
ARC-PA/Accreditation	7.2	9	15,023	15,023	4,425	9,790	10,000	15,000	18,950	19,312
Building fees (e.g., rent, remodeling)	3.2	6	328,061	328,061	306,759	32,413	83,380	310,643	477,751	641,126
Equipment	3.2	5	61,800	61,800	106,293	2,800	4,000	13,002	40,000	166,000
Events (e.g., white coat ceremony, graduation)	4.1	5	18,919	18,919	10,176	12,940	14,880	15,000	16,200	28,602
Exams	2.3	5	11,830	11,830	8,400	2,984	4,160	14,440	16,350	19,740
IT/Computer expenses	5.9	11	30,735	24,084	34,752	8,345	10,851	17,000	39,659	60,000
Marketing and student recruitment	4.5	7	12,736	12,736	14,232	922	3,250	5,800	21,308	32,992
Professional/Association dues	4.5	6	14,471	14,471	5,309	9,478	15,466	16,432	16,869	17,502
All other expenses	23.5	47	494,901	228,581	1,104,326	19,030	28,865	154,598	410,534	843,608
Total expenses	-	218	1,761,360	1,558,721	1,241,208	807,020	1,085,544	1,440,399	1,983,112	3,033,252

TABLE 19. PROGRAM EXPENSES AMONG PRIVATE AND PUBLIC PROGRAMS (\$)

	% Reporting	<i>n</i>	<i>M</i>	<i>M</i> (T)	<i>SD</i>	P10	P25	P50 (Mdn)	P75	P90
Public										
Faculty development (e.g., conferences, coursework, advanced degree)	94.1	62	20,319	17,915	15,877	6,775	10,000	17,600	26,362	34,154
Faculty salaries (excluding fringe benefits)	95.6	65	999,373	830,414	1,109,759	493,846	551,200	794,759	1,050,000	1,369,005
Laboratory supplies	79.4	51	16,103	12,828	16,577	3,010	5,290	10,000	21,212	31,013
Office expenses (e.g., supplies, printing)	91.2	60	56,023	27,691	137,979	2,515	8,332	20,598	46,617	109,277
Payment for didactic instruction not included in faculty salaries	60.3	40	48,850	38,628	52,497	6,844	11,648	24,278	65,094	105,700
Payment for student housing and travel to remote clinical sites	8.8	5	60,507	60,507	39,518	17,862	44,000	69,600	92,497	94,599
Payment for supervised clinical practice (sites and/or clinical preceptors)	20.6	13	113,946	90,811	144,886	3,600	12,130	44,000	200,000	280,200
Simulation activities (excluding capital and standardized patients)	47.1	26	24,011	18,482	33,321	1,305	4,200	6,572	28,500	76,500
Staff salaries (excluding fringe benefits)	95.6	64	193,139	162,232	198,639	50,215	81,833	135,768	250,622	352,060
Standardized patients	58.8	39	13,417	11,479	13,061	1,000	4,500	9,250	19,104	27,200
Total expenses	-	68	1,608,083	1,446,437	1,108,105	788,322	1,070,949	1,380,426	1,796,092	2,390,909
Private										
Faculty development (e.g., conferences, coursework, advanced degree)	93.9	130	27,691	21,722	34,015	6,729	12,500	20,073	30,375	48,091
Faculty salaries (excluding fringe benefits)	95.3	142	916,725	832,189	716,030	443,598	589,976	779,894	1,033,826	1,468,296
Laboratory supplies	93.9	129	26,176	18,784	33,533	3,846	6,289	13,000	31,096	61,015
Office expenses (e.g., supplies, printing)	98.0	135	31,573	12,999	100,217	2,000	4,000	9,717	21,773	42,743
Payment for didactic instruction not included in faculty salaries	85.8	115	72,322	50,572	109,699	5,000	20,000	46,000	78,836	148,977
Payment for student housing and travel to remote clinical sites	29.1	35	43,021	31,319	59,832	3,400	8,600	17,703	42,152	132,227
Payment for supervised clinical practice (sites and/or clinical preceptors)	49.3	62	183,847	117,956	306,816	3,050	16,912	84,655	238,500	397,132
Simulation activities (excluding capital and standardized patients)	47.3	56	23,151	16,050	31,916	1,600	5,000	10,000	25,576	57,500
Staff salaries (excluding fringe benefits)	97.3	140	173,238	149,008	138,423	54,795	85,835	125,730	226,722	353,332
Standardized patients	67.6	88	18,496	12,259	33,212	2,000	3,962	8,074	22,569	41,432
Total expenses	-	145	1,839,215	1,622,343	1,305,062	884,367	1,091,468	1,468,423	2,109,866	3,174,317

TABLE 20. PROGRAM EXPENSES BY AHC STATUS (\$)

	% Reporting	n	M	M (T)	SD	P10	P25	P50 (Mdn)	P75	P90
Academic Health Center										
Faculty development (e.g., conferences, coursework, advanced degree)	54.7	55	28,746	23,348	28,707	7,400	10,989	23,005	33,456	48,626
Faculty salaries (excluding fringe benefits)	96.9	59	1,067,470	881,341	1,164,832	515,056	599,144	794,759	1,178,854	1,494,232
Laboratory supplies	93.8	47	21,524	15,145	30,134	2,606	5,392	10,000	22,697	55,708
Office expenses (e.g., supplies, printing)	65.6	55	53,695	33,035	91,548	3,146	9,858	22,855	43,622	145,591
Payment for didactic instruction not included in faculty salaries	15.6	38	78,364	63,771	91,103	3,630	20,000	46,600	101,750	219,215
Payment for student housing and travel to remote clinical sites	28.1	16	53,339	41,867	69,698	3,000	11,950	26,470	72,490	119,966
Payment for supervised clinical practice (sites and/or clinical preceptors)	92.2	8	61,596	61,596	60,669	14,139	29,801	42,000	68,301	118,628
Simulation activities (excluding capital and standardized patients)	64.1	27	27,667	21,748	37,908	1,803	5,058	10,000	27,500	100,000
Staff salaries (excluding fringe benefits)	96.9	58	230,471	189,554	231,452	68,694	97,310	147,018	286,766	503,634
Standardized patients	79.7	27	27,667	21,748	37,908	1,803	5,058	10,000	27,500	100,000
Total expenses	-	62	2,063,053	1,637,086	1,854,826	796,571	1,123,577	1,419,376	2,150,521	3,177,100
Non-Academic Health Center										
Faculty development (e.g., conferences, coursework, advanced degree)	94.3	141	24,148	19,262	29,957	6,600	10,138	19,000	27,400	39,000
Faculty salaries (excluding fringe benefits)	94.3	152	892,141	814,820	691,403	423,929	584,321	779,894	1,020,585	1,389,012
Laboratory supplies	93.0	137	23,634	17,292	29,757	3,954	6,000	13,000	28,000	54,825
Office expenses (e.g., supplies, printing)	96.8	145	37,296	13,078	125,752	1,990	3,798	9,234	20,000	51,860
Payment for didactic instruction not included in faculty salaries	82.2	120	61,263	43,068	99,901	5,510	15,000	40,000	65,325	122,703
Payment for student housing and travel to remote clinical sites	20.4	25	38,978	31,274	47,897	3,800	7,200	19,600	45,000	113,890
Payment for supervised clinical practice (sites and/or clinical preceptors)	49.0	67	184,882	123,861	299,300	2,600	16,225	89,188	240,000	403,760
Simulation activities (excluding capital and standardized patients)	43.9	57	20,645	14,632	28,806	1,120	4,000	10,000	25,560	53,200
Staff salaries (excluding fringe benefits)	96.2	150	161,380	145,621	115,320	49,925	82,820	126,479	221,829	322,104
Standardized patients	65.0	92	16,032	9,933	31,993	2,000	3,450	8,000	15,288	29,374
Total expenses	-	156	1,641,456	1,529,784	867,182	832,473	1,078,986	1,450,680	1,906,992	2,867,652

Payment for Clinical Sites

FIGURE 7. TRENDS IN PAYMENT FOR CLINICAL SITES, 2012-2017

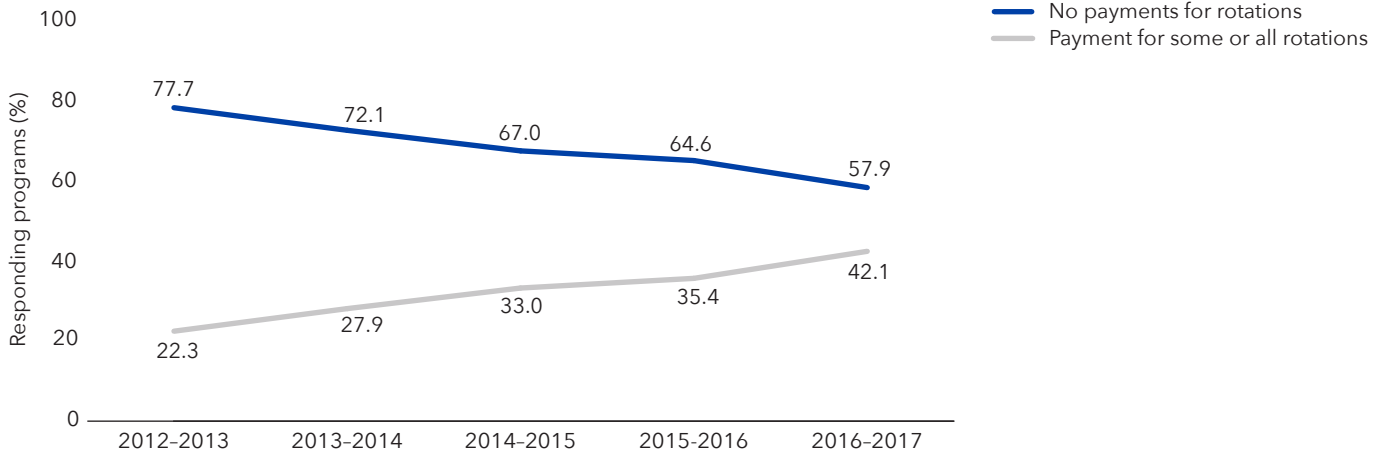
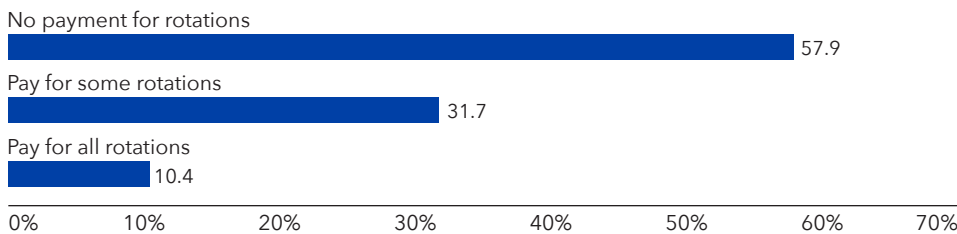


FIGURE 8. PROGRAM PAYMENT FOR CLINICAL SITES



93 programs (42.1%) reported paying for some or all rotations.

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

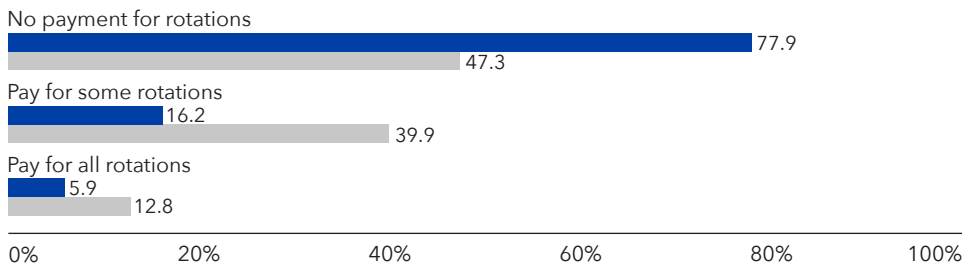


FIGURE 10. PAYMENT FOR CLINICAL SITES BY AHC STATUS

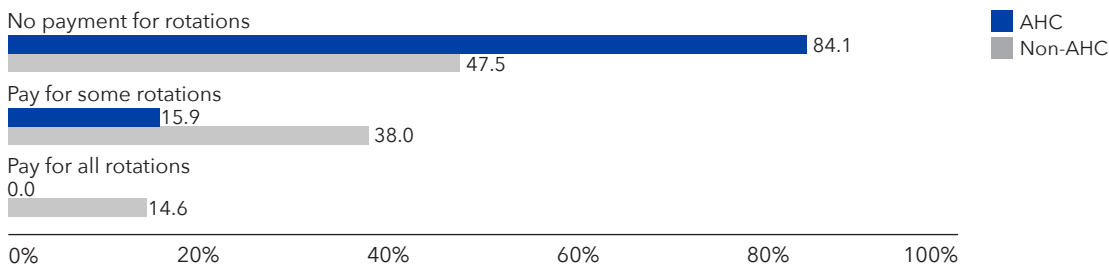


TABLE 21. PAYMENT FOR CLINICAL SITES BY GEOGRAPHIC LOCATION

	Total <i>n</i>	% Paying
Northeast Region		
New England Division	17	94.1
Middle Atlantic Division	47	44.7
Subtotal	64	57.8
Midwest Region		
East North Central Division	34	35.3
West North Central Division	18	16.7
Subtotal	52	28.8
South Region		
South Atlantic Division	47	51.1
East South Central Division	11	54.5
West South Central Division	17	5.9
Subtotal	75	41.3
West Region		
Mountain Division	12	41.7
Pacific Division	18	27.8
Subtotal	30	33.3
Total	221	42.1

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

TABLE 22. RECIPIENTS OF CLINICAL ROTATION PAYMENTS

	<i>n</i>	%
Individual preceptor(s)	71	77.2
Clinic(s) or practice(s)	63	68.5
Hospital	45	48.9
Health system	44	47.8
Hospital department (e.g., surgery, pediatrics, etc.)	28	30.4
Hospital Department of Medical Education	14	15.2

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 will sum to more than 100% because programs could indicate multiple recipients.

TABLE 23. 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>	<i>P10</i>	<i>P25</i>	<i>P50 (Mdn)</i>	<i>P75</i>	<i>P90</i>
Type of institution									
Public	15	233	189	238	55	100	175	250	390
Private	75	204	148	255	83	100	125	200	390
Academic Health Center status									
AHC	10	219	146	285	30	100	129	231	325
Non-AHC	80	208	154	249	79	100	125	200	400
Overall	90	209	154	251	64	100	125	200	400

FIGURE 11. STUDENT PLACEMENTS AT REMOTE CLINICAL SITES (%)

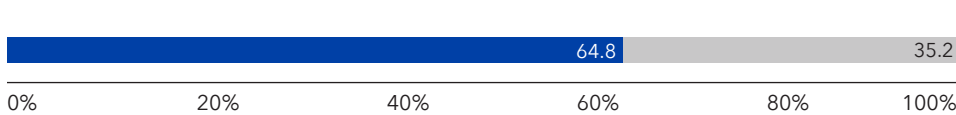


FIGURE 12. STUDENT PLACEMENTS AT REMOTE CLINICAL SITES AMONG PUBLIC AND PRIVATE PROGRAMS (%)

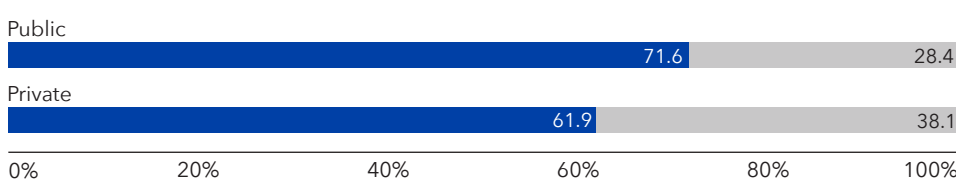
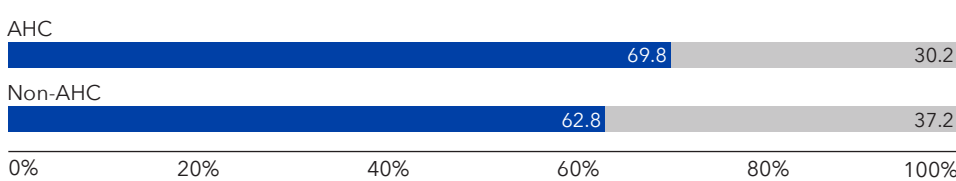


FIGURE 13. STUDENT PLACEMENTS AT REMOTE CLINICAL SITES BY AHC STATUS (%)



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

TABLE 24. STUDENTS' OUT-OF-POCKET EXPENSES FOR REMOTE CLINICAL SITES (\$)

	<i>n</i>	<i>M</i>	<i>M (T)</i>	<i>SD</i>	<i>P10</i>	<i>P25</i>	<i>P50 (Mdn)</i>	<i>P75</i>	<i>P90</i>
Type of institution									
Public	31	2,639	2,070	2,843	500	800	1,500	3,250	6,000
Private	52	3,205	2,519	3,508	500	575	2,000	4,500	7,980
Academic Health Center status									
AHC	23	1,373	1,164	1,275	310	500	1,200	2,000	2,400
Non-AHC	60	3,615	2,983	3,582	500	1,000	2,150	5,000	9,640
Overall	83	2,993	2,344	3,269	500	600	2,000	3,750	7,740

Programs were asked to report the average out-of-pocket housing expenses incurred by only those students placed at remote clinical sites. 12 additional programs reported that they had students placed at remote clinical sites but reported no (\$0) out-of-pocket student expenses; these programs were excluded from this table.

Tuition, Student Fees & Incidental Costs

63 public (92.6%) and 3 private (2.0%) programs reported having separate tuition rates for resident and non-resident students. Resident and non-resident tuition is reported for public programs only, and standard tuition rates are reported for private programs only.

TABLE 25. TUITION (\$)

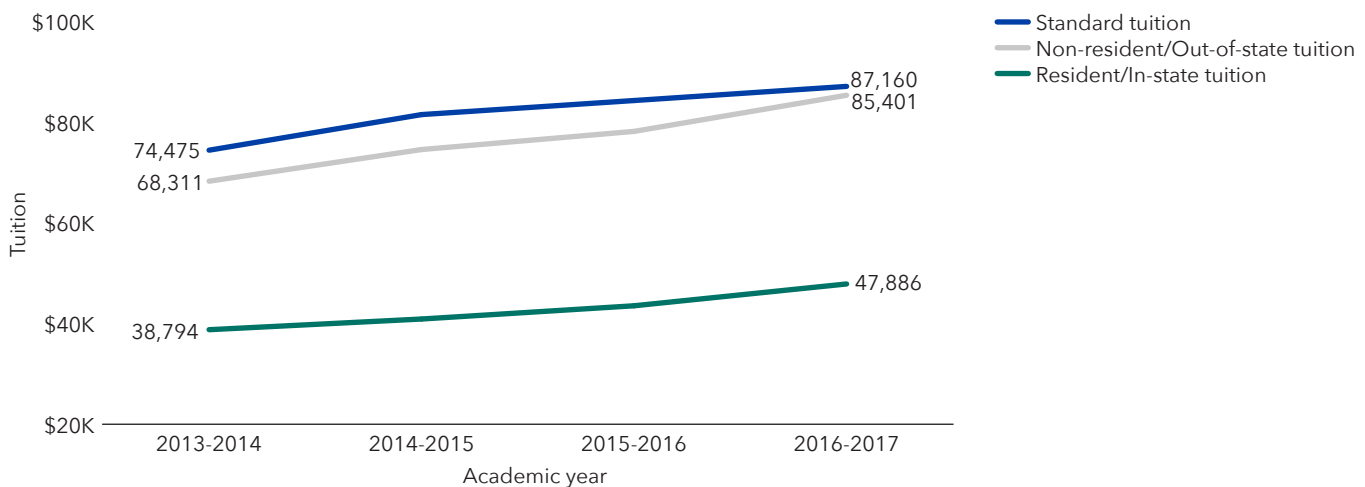
	<i>n</i>	<i>M</i>	<i>M (T)</i>	<i>SD</i>	<i>P10</i>	<i>P25</i>	<i>P50 (Mdn)</i>	<i>P75</i>	<i>P90</i>
Public									
Resident/In-state tuition	62	47,886	45,522	19,750	27,646	33,986	42,792	57,466	76,233
Non-resident/Out-of-state tuition	62	85,401	82,728	28,485	53,716	66,815	79,552	101,328	122,695
Private									
Standard tuition	144	87,160	86,818	17,810	72,829	77,941	85,430	96,040	105,980

TABLE 26. TRENDS IN AVERAGE PA SCHOOL TUITION, 2013-2017

	2013-2014		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

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

FIGURE 14. TRENDS IN AVERAGE PA SCHOOL TUITION, 2013-2017



Note: Resident/in-state and non-resident/out-of-state tuitions are reported only for public programs. Standard tuitions are reported only for private programs.

TABLE 27. ITEMIZED STUDENT FEES COLLECTED BY THE INSTITUTION/PROGRAM (\$)

	% Reporting	n	M	M (T)	SD	P10	P25	P50 (Mdn)	P75	P90
ACLS/BLS/PALS/POCUS/Simulation fees, etc.	54.2	60	219	203	146	54	116	200	300	379
Application/Graduation fees	72.5	85	211	154	258	50	70	125	200	500
Background check	68.3	78	103	97	56	40	56	92	141	180
Clinical fees	24.2	24	1,571	1,154	2,159	76	184	1,000	1,525	4,990
Computer/IT	62.5	72	1,003	903	812	168	415	852	1,308	2,137
Drug screening	50.8	56	75	68	47	31	40	60	100	130
Fees for tests/assessments	25.0	27	352	298	325	75	100	290	448	627
Lab fees	52.5	59	876	733	923	87	245	500	1,060	2,232
Liability insurance	14.2	14	93	82	83	16	32	70	130	176
Parking	32.5	38	357	263	458	48	109	202	350	802
Professional/Association dues	32.5	35	127	126	56	50	98	125	150	203
Student health services	31.7	35	1,512	1,040	2,220	176	338	525	1,205	4,998
Student services	43.3	52	1,671	1,287	1,938	153	462	900	2,150	4,665
Textbooks	61.7	73	1,681	1,647	895	500	1,000	1,700	2,300	2,896
Other										
Equipment (e.g., stethoscope, lab coat)	10.0	11	828	872	394	120	782	1,000	1,028	1,160
All other fees	15.0	20	1,461	1,131	1,912	68	106	460	2,525	4,389
Total fees										
Sum of itemized fees	-	119	4,491	4,122	3,147	1,395	2,272	3,585	5,625	9,234
Estimated total fees	-	82	6,822	4,927	12,680	952	1,784	3,800	7,499	13,412

120 programs (53.8%) reported being able to provide detailed, itemized student fees collected by their institution or program. Under the “Total fees” heading, “Sum of itemized fees” represents the sum of all fees reported by these 120 programs. Programs that were unable to provide itemized fees were asked to estimate the total fees incurred by students, reported in the “Estimated total fees” line.

TABLE 28. ITEMIZED STUDENT FEES COLLECTED BY THE INSTITUTION/PROGRAM AMONG PUBLIC AND PRIVATE PROGRAMS (\$)

	% Reporting	n	M	M (T)	SD	P10	P25	P50 (Mdn)	P75	P90
Public										
ACLS/BLS/PALS/POCUS/ Simulation fees, etc.	63.9	22	185	168	133	46	109	150	219	368
Application/Graduation fees	75.0	27	222	168	273	50	62	120	268	500
Background check	77.8	28	82	78	47	40	50	69	105	143
Clinical fees	19.4	6	1,711	1,711	2,579	60	101	798	1,700	4,275
Computer/IT	69.4	24	906	808	803	116	264	725	1,080	2,127
Drug screening	58.3	21	58	56	28	29	39	50	80	100
Fees for tests/assessments	27.8	10	284	215	315	72	85	170	368	517
Lab fees	52.8	18	816	715	791	99	312	590	988	1,672
Liability insurance	19.4	6	96	96	114	18	25	45	118	224
Parking	52.8	19	437	357	617	37	92	150	390	1,264
Professional/Association dues	22.2	8	134	134	41	96	100	130	156	184
Student health services	44.4	14	946	488	1,818	178	385	522	586	796
Student services	61.1	22	2,334	1,968	2,482	214	522	1,164	3,638	5,565
Textbooks	66.7	24	1,680	1,659	880	580	1,000	1,625	2,132	2,874
Total fees										
Sum of itemized fees	-	37	4,980	4,825	3,222	1,353	2,575	3,943	8,276	9,281
Estimated total fees	-	25	12,152	8,007	21,665	1,140	3,145	6,000	13,931	20,478
Private										
ACLS/BLS/PALS/POCUS/ Simulation fees, etc.	49.4	36	241	225	149	80	142	230	302	382
Application/Graduation fees	71.6	56	205	148	257	50	69	125	200	475
Background check	63.0	47	117	113	58	50	72	100	150	200
Clinical fees	25.9	17	1,590	1,280	2,128	111	400	1,000	1,500	3,980
Computer/IT	60.5	47	1,045	952	828	182	438	945	1,470	2,138
Drug screening	48.1	35	85	78	53	34	42	80	100	147
Fees for tests/assessments	21.0	16	376	320	337	88	229	295	449	558
Lab fees	51.9	39	933	801	998	74	245	430	1,361	2,467
Liability insurance	11.1	7	102	102	54	51	70	100	132	171
Parking	23.5	18	289	274	193	100	165	237	338	525
Professional/Association dues	37.0	26	125	123	62	50	80	128	150	205
Student health services	25.9	20	1,951	1,479	2,466	176	295	632	2,604	5,443
Student services	37.0	30	1,185	976	1,252	149	410	728	1,541	2,740
Textbooks	60.5	48	1,700	1,670	912	500	950	1,714	2,325	3,000
Total fees										
Sum of itemized fees	-	79	4,346	3,898	3,132	1,469	2,062	3,550	5,222	8,499
Estimated total fees	-	56	4,556	4,119	3,616	982	1,662	3,696	6,046	11,032

Note: "Other" fees were excluded.

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

	% Reporting	n	M	M (T)	SD	P10	P25	P50 (Mdn)	P75	P90
Academic Health Center										
ACLS/BLS/PALS/POCUS/ Simulation fees, etc.	57.6	17	148	141	89	37	100	150	200	235
Application/Graduation fees	72.7	24	189	154	195	50	58	125	202	485
Background check	66.7	22	91	87	47	41	50	82	128	149
Computer/IT	78.8	25	1,054	937	876	218	480	850	1,300	2,136
Drug screening	48.5	15	63	62	29	33	40	50	85	100
Fees for tests/assessments	27.3	9	250	250	174	68	100	270	400	459
Lab fees	48.5	16	650	561	630	77	288	530	762	1,261
Parking	42.4	14	599	513	675	66	128	297	849	1,550
Professional/Association dues	24.2	8	119	119	60	44	84	125	156	184
Student health services	54.5	16	1,722	1,418	2,471	284	432	571	1,152	5,951
Student services	63.6	21	1,491	1,239	1,501	228	650	915	1,700	3,725
Textbooks	60.6	20	1,856	1,830	867	790	1,150	1,722	2,552	2,910
Total fees										
Sum of itemized fees	-	34	4,965	4,794	2,966	2,266	2,884	4,326	6,022	9,218
Estimated total fees	-	24	6,817	5,795	6,442	1,050	2,534	4,800	8,915	13,732
Non-Academic Health Center										
ACLS/BLS/PALS/POCUS/ Simulation fees, etc.	52.9	43	247	233	155	77	135	230	315	459
Application/Graduation fees	72.4	61	220	154	280	50	75	125	200	500
Background check	69.0	56	107	102	59	43	60	100	150	190
Clinical fees	29.9	21	1,723	1,266	2,259	125	400	1,000	1,600	6,000
Computer/IT	56.3	47	975	898	784	149	385	855	1,332	2,130
Drug screening	51.7	41	79	71	52	30	40	60	100	142
Fees for tests/assessments	21.8	18	403	358	372	78	184	290	485	776
Lab fees	54.0	43	959	801	1,004	92	245	485	1,350	2,402
Liability insurance	12.6	10	93	92	55	37	54	88	130	166
Parking	28.7	24	216	198	156	50	100	174	300	385
Professional/Association dues	35.6	27	129	127	56	65	100	130	150	204
Student health services	23.0	19	1,335	1,042	2,037	171	265	488	1,198	4,362
Student services	35.6	31	1,793	1,352	2,201	150	320	860	2,315	5,600
Textbooks	62.1	53	1,615	1,574	905	498	800	1,500	2,297	2,824
Total fees										
Sum of itemized fees	-	85	4,302	3,845	3,214	1,310	1,919	3,342	5,215	9,204
Estimated total fees	-	58	6,824	4,675	14,551	960	1,638	3,800	7,168	12,705

Note: "Other" fees and fee categories with fewer than 5 programs reporting dollar amounts were excluded.

SECTION 3. PROGRAM PERSONNEL

TABLE 30. FULL-TIME FACULTY HEADCOUNTS

	<i>n</i> (P)	<i>n</i> (F)	Range	<i>M</i>	<i>SD</i>	P10	P25	P50 (Mdn)	P75	P90
Assigned only or primarily to didactic phase	194	933	1.0-31.0	4.8	3.4	2.0	3.0	4.0	6.0	8.0
Assigned only or primarily to clinical phase	165	314	1.0-7.0	1.9	1.1	1.0	1.0	2.0	2.0	3.0
Assigned to both the didactic and clinical phases	139	503	1.0-21.0	3.6	3.5	1.0	1.0	2.0	5.0	9.0
All full-time faculty	220	1,750	3.0-35.0	8.0	3.9	4.9	6.0	7.0	9.0	12.0

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.

Some programs appear to have reported FTEs instead of headcounts. 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

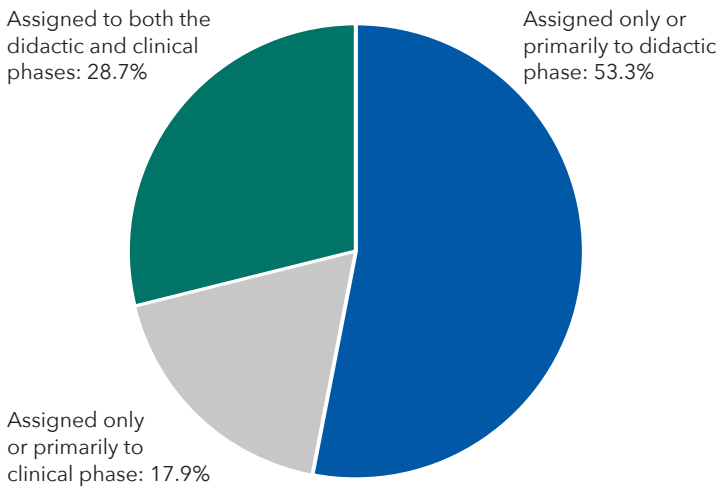


TABLE 31. PART-TIME FACULTY AND GUEST LECTURERS

	<i>n</i> (P)	<i>n</i> (F)	Range	<i>M</i>	<i>SD</i>	P10	P25	P50 (Mdn)	P75	P90
Part-time faculty										
Headcount	150	693	1-26	4.6	4.4	1.0	2.0	3.0	6.0	10.1
FTE	148	177.4	0.1-5.0	1.2	1.1	0.2	0.4	1.0	1.5	2.7
Guest lecturers										
Headcount	206	8,739	1-232	42.4	43.4	6.0	15.0	28.0	50.0	104.0

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 32. PERCENTAGE OF DIDACTIC CURRICULUM TAUGHT BY CORE FACULTY (%)

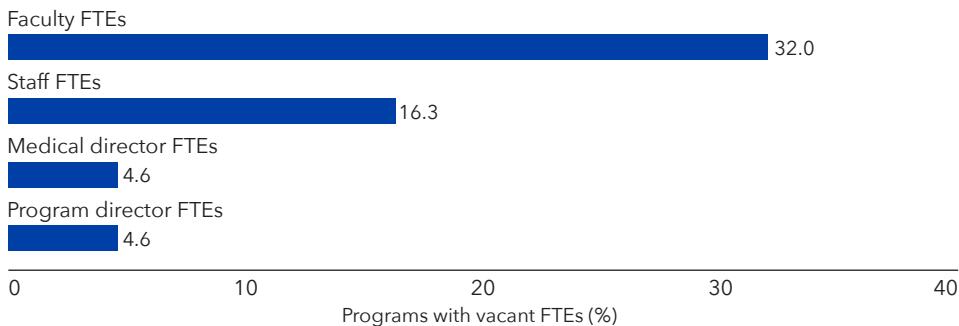
	<i>n</i>	<i>M</i>	<i>SD</i>	P10	P25	P50 (Mdn)	P75	P90
Taught directly by core/principal faculty	209	67.7	19.1	40.8	55.0	70.0	80.0	90.0
Taught by others but actively coordinated by core/principal faculty (e.g., arranging schedules, selecting topics, course mastering)	194	26.2	17.8	8.3	13.1	24.0	35.0	50.0
Taught directly by non-program personnel (e.g., faculty from biology department) with minimal input from core/principal faculty	104	16.0	13.3	5.0	7.4	10.0	22.0	36.4

TABLE 33. CAPACITY, FILLED, AND VACANT FTE

	<i>n (P)</i>	<i>n (FTE)</i>	Range	<i>M</i>	<i>SD</i>	P10	P25	P50 (Mdn)	P75	P90
Capacity										
Faculty	219	1,628.6	1.0-42.4	7.4	4.3	4.0	5.0	6.7	9.0	12.0
Staff	215	739.7	1.0-24.3	3.4	2.5	1.5	2.0	3.0	4.0	5.8
Program director	217	215.4	0.5-1.0	1.0	0.1	1.0	1.0	1.0	1.0	1.0
Medical director	217	132.2	0.1-3.0	0.6	0.4	0.1	0.2	0.5	1.0	1.0
Filled										
Faculty	217	1,512.3	1.0-39.9	7.0	4.1	3.7	4.6	6.0	8.4	11.0
Staff	211	698.2	1.0-23.8	3.3	2.5	1.2	2.0	3.0	4.0	5.8
Program director	208	205.6	0.3-1.0	1.0	0.1	1.0	1.0	1.0	1.0	1.0
Medical director	212	128.4	0.1-3.0	0.6	0.4	0.1	0.2	0.5	1.0	1.0
Vacant										
Faculty	70	108.2	0.2-7.0	1.6	1.0	1.0	1.0	1.0	2.0	3.0
Staff	35	43.8	0.2-5.0	1.3	1.0	0.5	1.0	1.0	1.0	2.0
Program director	10	9.6	0.6-1.0	1.0	0.1	1.0	1.0	1.0	1.0	1.0
Medical director	10	6.4	0.1-1.0	0.6	0.4	0.1	0.2	0.9	1.0	1.0

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

FIGURE 16. PROGRAMS WITH VACANT FTEs (%)



Recruitment & Retention

TABLE 34. OPEN POSITIONS

	<i>n</i> (P)	<i>n</i> (O)	Max	<i>M</i>	<i>SD</i>	P10	P25	P50 (<i>Mdn</i>)	P75	P90
Faculty										
New position	81	122	6	1.5	1.0	1.0	1.0	1.0	2.0	3.0
Replacing existing position	121	199	5	1.6	0.9	1.0	1.0	1.0	2.0	3.0
All open positions	164	321	7	2.0	1.1	1.0	1.0	2.0	2.0	3.0
Staff										
New position	54	64	3	1.2	0.4	1.0	1.0	1.0	1.0	2.0
Replacing existing position	62	68	3	1.1	0.3	1.0	1.0	1.0	1.0	1.0
All open positions	101	132	3	1.3	0.6	1.0	1.0	1.0	1.0	2.0

189 (89.6%) programs reported seeking to hire new faculty or staff in the 2016–2017 academic year. Some programs appear to have reported FTE instead of headcounts. All decimals were rounded up to the nearest integer to approximate headcounts.

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.

TABLE 35. BARRIERS TO HIRING NEW FACULTY (%)

	<i>n</i>	Not at All a Barrier	Slight Barrier	Moderate Barrier	Serious Barrier
Lack of qualified candidates	186	12.9	26.9	29.0	31.2
Salary	187	12.8	29.4	31.0	26.7
Candidates’ lack of teaching experience	187	8.0	35.3	38.0	18.7
Location	184	45.1	23.4	21.7	9.8
Area cost of living	183	54.1	18.6	15.8	11.5
Degree requirements	185	46.5	31.9	15.7	5.9
Lifestyle	185	60.0	26.5	11.9	1.6

Note: Barriers are listed in order of average seriousness.

TABLE 36. REASONS FOR FACULTY DEPARTURES

	<i>n</i> (P)	<i>n</i> (F)
Job change	75	110
Personal issues (e.g., family)	26	32
Retirement	24	29
Dismissal due to performance issues	9	11
Medical/Disability/Death	7	7
Dismissal due to professionalism issues	3	4
Other	10	10
All faculty departures	115	203

116 (52.7%) programs reported that at least one faculty member had left in the 2016–2017 academic year.

Note: “*n* (P)” represents the number of reporting programs. “*n* (F)” represents the total number of faculty departures across all reporting programs.

Student-to-Faculty Ratio

Each program's student-to-faculty ratio (SFR) was calculated in two ways. For **Table 37**, SFR was calculated by dividing each program's total number of enrolled students by their full-time faculty headcount. For **Table 38**, 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 37. STUDENT-TO-FACULTY RATIO: FULL-TIME FACULTY HEADCOUNT

	<i>n</i>	Range	<i>M</i>	<i>SD</i>	P10	P25	P50 (<i>Mdn</i>)	P75	P90
Overall	212	2.5-36.2	14.0	5.8	7.4	10.2	13.4	17.4	21.4
Type of institution									
Public	64	3.2-36.2	14.2	6.7	7.4	9.4	12.5	17.5	23.8
Private	143	2.5-31.7	14.0	5.4	7.5	10.3	13.8	17.4	20.0
Academic Health Center status									
Non-AHC	150	2.5-36.2	13.9	6.0	6.4	9.8	12.9	17.5	20.4
AHC	62	4.0-27.2	14.4	5.3	7.8	11.4	13.6	17.3	22.4
Administrative housing									
College of Arts and Sciences	6	7.4-26.0	13.6	8.0	7.4	7.8	9.8	18.8	23.7
College of Graduate and Professional Studies	12	10.7-36.2	16.6	7.1	10.8	11.5	15.3	18.9	20.0
College/School of Medicine	30	6.8-32.0	13.6	5.1	8.0	10.2	12.7	15.1	18.9
Department/School of Physician Assistant Studies (stand alone)	40	3.6-27.4	13.2	5.5	7.4	8.9	13.5	16.4	19.3
School of Allied Health/Health Professions/Health Sciences	113	2.5-31.7	14.3	5.8	6.6	10.2	13.7	17.9	21.6
Other health discipline (e.g., Nursing, Pharmacy, Podiatry)	5	10.6-25.0	16.8	5.3	12.3	14.8	16.1	17.5	22.0
Satellite campuses									
Program does not have satellite campus	196	2.5-36.2	14.0	5.9	7.3	10.0	13.2	17.4	21.7
Program has satellite campus	16	6.9-21.4	14.6	4.4	9.0	11.4	15.4	17.7	20.2
Enrolled classes									
First-year students only	27	2.5-20.3	8.1	4.9	3.6	4.6	6.4	10.8	15.0
First- and second-year students only	72	6.2-31.7	12.8	5.1	8.0	9.3	11.6	15.0	18.1
First-, second-, and third-year students	107	5.5-36.2	16.3	5.1	10.6	12.6	16.3	18.7	22.9
Census Regions and Divisions									
Northeast Region									
New England Division	17	6.4-25.0	15.4	5.0	9.2	12.5	15.0	19.1	20.9
Middle Atlantic Division	47	5.0-32.0	14.8	5.5	8.9	11.6	13.8	17.4	20.3
Subtotal	64	5.0-32.0	15.0	5.4	8.7	11.6	14.4	17.9	20.4
Midwest Region									
East North Central Division	33	4.1-36.2	14.8	6.6	8.3	10.4	14.2	17.4	23.7
West North Central Division	17	3.6-18.6	12.4	4.6	6.5	10.2	12.4	16.0	18.1
Subtotal	50	3.6-36.2	14.0	6.1	7.4	10.3	13.5	17.2	18.5
South Region									
South Atlantic Division	43	2.5-27.0	13.1	5.9	6.6	9.4	11.8	17.4	21.0
East South Central Division	11	8.0-23.8	14.7	4.9	9.8	10.6	14.0	17.9	19.9
West South Central Division	16	5.5-27.2	15.9	6.5	8.8	11.9	14.4	19.4	25.3
Subtotal	70	2.5-27.2	14.0	5.9	7.8	9.5	12.7	17.6	22.4
West Region									
Mountain Division	12	6.8-26.0	13.9	6.3	8.3	8.9	12.3	15.8	23.8
Pacific Division	16	3.6-21.7	10.8	5.1	4.6	7.3	11.1	14.2	16.2
Subtotal	28	3.6-26.0	12.1	5.8	6.3	7.5	11.5	14.4	20.5

Note: Programs with "Science department" or "Other" administrative housing were excluded due to low frequencies.

TABLE 38. STUDENT-TO-FACULTY RATIO: FTEs

	<i>n</i>	Range	<i>M</i>	<i>SD</i>	P10	P25	P50 (<i>Mdn</i>)	P75	P90
Overall	208	2.5-48.3	12.9	5.6	6.8	9.4	12.1	16.3	19.2
Type of institution									
Public	62	3.3-48.3	13.4	6.8	6.6	8.9	12.6	17.0	19.4
Private	141	2.5-27.2	12.7	4.8	7.2	9.4	12.0	15.6	18.9
Academic Health Center status									
Non-AHC	149	2.5-48.3	12.8	5.9	6.5	9.3	12.1	15.9	19.5
AHC	59	3.3-26.0	13.2	4.8	7.4	9.9	12.8	16.9	19.0
Administrative housing									
College of Arts and Sciences	6	5.7-21.4	11.5	6.3	6.1	6.7	9.5	15.4	19.0
College of Graduate and Professional Studies	12	9.4-48.3	16.6	10.4	10.0	11.6	13.8	16.6	19.2
College/School of Medicine	30	5.6-25.5	12.9	4.6	6.5	9.4	12.8	15.8	18.2
Department/School of Physician Assistant Studies (stand alone)	40	3.3-23.1	11.9	4.4	6.8	9.6	11.2	14.8	17.4
School of Allied Health/Health Professions/Health Sciences	109	2.5-30.0	13.1	5.4	7.1	9.3	12.3	16.7	19.9
Other health discipline (e.g., Nursing, Pharmacy, Podiatry)	5	10.9-19.2	14.3	3.6	11.4	12.1	12.2	17.1	18.4
Satellite campuses									
Program does not have satellite campus	192	2.5-48.3	12.7	5.5	6.6	9.3	12.0	16.0	19.1
Program has satellite campus	16	5.8-30.0	15.4	6.1	8.9	11.1	15.0	19.0	21.2
Enrolled classes									
First-year students only	27	2.5-30.0	8.3	5.8	3.3	4.5	6.0	10.0	14.7
First- and second-year students only	72	5.8-26.0	11.6	4.1	7.2	8.9	10.6	13.3	16.5
First-, second-, and third-year students	104	5.2-48.3	15.1	5.5	9.4	11.7	14.9	17.9	19.8
Census Regions and Divisions									
Northeast Region									
New England Division	17	5.6-23.1	14.4	5.0	9.2	10.2	15.2	17.2	20.8
Middle Atlantic Division	46	4.2-25.0	12.8	4.8	7.2	9.4	12.8	15.3	18.7
Subtotal	63	4.2-25.0	13.2	4.9	7.3	9.9	12.9	16.1	20.2
Midwest Region									
East North Central Division	32	3.3-48.3	13.8	8.1	8.8	10.1	11.6	15.7	19.2
West North Central Division	17	3.9-18.9	12.4	5.1	5.1	8.2	13.4	17.1	17.8
Subtotal	49	3.3-48.3	13.3	7.1	6.6	10.1	11.9	16.4	18.9
South Region									
South Atlantic Division	42	2.5-21.6	12.4	4.7	6.2	9.4	12.1	16.1	19.1
East South Central Division	11	7.6-19.8	14.3	4.1	8.2	12.4	14.1	17.3	19.4
West South Central Division	15	5.2-26.0	14.6	6.3	8.5	10.0	12.8	17.8	23.9
Subtotal	68	2.5-26.0	13.2	5.1	7.3	9.6	12.5	16.6	19.4
West Region									
Mountain Division	12	5.6-27.2	12.8	6.1	6.7	8.6	11.9	15.0	19.3
Pacific Division	16	3.2-16.6	9.8	3.9	5.5	7.1	9.5	11.5	15.4
Subtotal	28	3.2-27.2	11.1	5.1	5.7	7.4	10.4	13.5	16.6

Note: Programs with "Science department" or "Other" administrative housing were excluded due to low frequencies.

SECTION 4. STUDENTS

Capacity & Enrollment

TABLE 39. STATUS OF INAUGURAL CLASSES AMONG PROVISIONALLY ACCREDITED PROGRAMS

	<i>n</i>	%
Not yet enrolled	5	8.5
Enrolled in first year	17	28.8
Enrolled in second year	10	16.9
Enrolled in third year	4	6.8
Graduated	23	39.0
Total	59	100.0

60 programs (26.9%) were provisionally accredited.

FIGURE 17. ENROLLED COHORTS

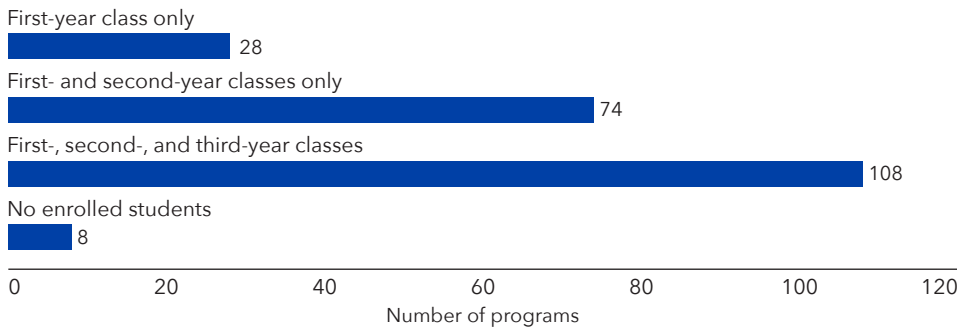


TABLE 40. STUDENT CAPACITY, CURRENT ENROLLMENT, AND UNFILLED SEATS

	<i>n</i> (P)	<i>n</i> (S)	Range	<i>M</i>	<i>SD</i>	P10	P25	P50 (<i>Mdn</i>)	P75	P90
Capacity										
First-year	218	10,311	17-140	47.3	20.7	26.0	32.0	41.5	57.0	75.0
Second-year	205	9,820	17-140	47.9	20.6	30.0	32.0	43.0	59.0	75.0
Third-year	129	5,765	15-100	44.7	16.9	27.8	32.0	42.0	50.0	65.0
Total	218	25,896	20-300	118.8	55.7	54.1	80.0	112.0	150.0	180.0
Current enrollment										
First-year	214	9,751	16-128	45.6	20.2	25.0	30.2	40.5	55.8	74.7
Second-year	196	8,945	17-126	45.6	19.9	25.5	32.0	40.5	54.0	75.0
Third-year	111	4,617	8-100	41.6	17.2	24.0	30.0	39.0	49.0	61.0
Total	214	23,313	20-300	108.9	54.9	40.3	71.0	102.0	140.0	174.7

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. "Current enrollment" refers to enrollment at the time that programs responded to the survey, which does not necessarily reflect day-one student enrollment.

TABLE 41. DAY-ONE ENROLLMENT OF MOST RECENTLY ADMITTED CLASS

	<i>n</i> (P)	<i>n</i> (S)	Range	<i>M</i>	<i>SD</i>	P10	P25	P50 (Mdn)	P75	P90
Overall	210	9,788	17-133	46.6	20.5	25.0	31.0	41.0	56.0	75.0
Type of institution										
Public	64	2,779	17-133	43.4	19.6	21.2	30.8	41.0	51.2	60.7
Private	141	6,733	20-125	47.8	20.8	28.0	31.0	41.0	58.0	75.0
Academic Health Center status										
Non-AHC	148	6,907	18-125	46.7	20.3	27.4	30.8	40.0	56.2	75.0
AHC	62	2,881	17-133	46.5	21.3	25.0	31.2	43.0	54.8	64.8

Based on programs' reports of their ARC-PA-approved first-year capacity and the day-one enrollment of their most recently admitted class, 40 programs reported a total of 286 unfilled seats (*M* = 7.2, *SD* = 7.8, *Mdn* = 5.0)

FIGURE 18. AVERAGE PA PROGRAM ENROLLMENT AND CAPACITY, 1985-2017

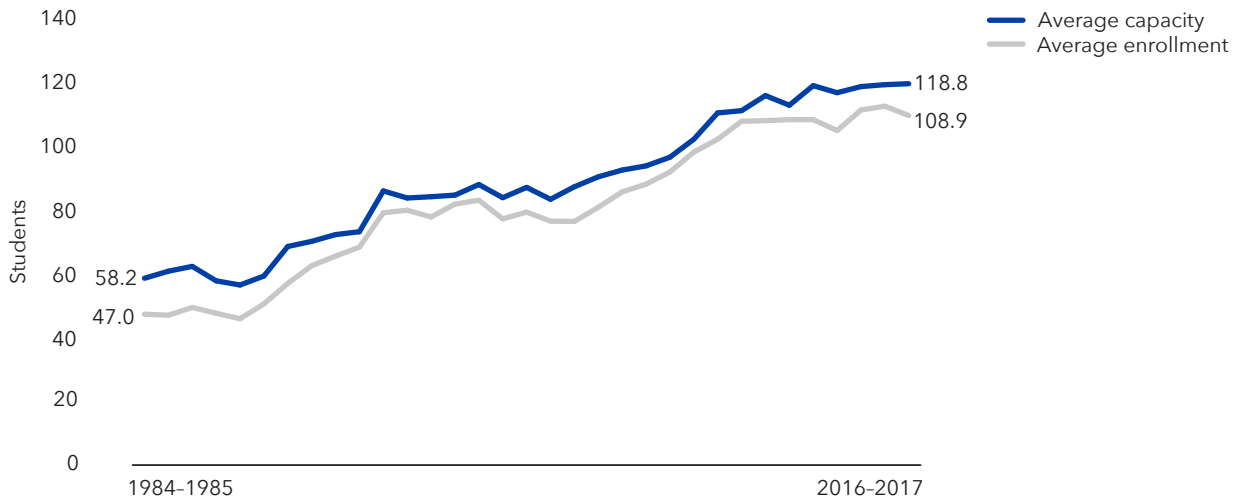
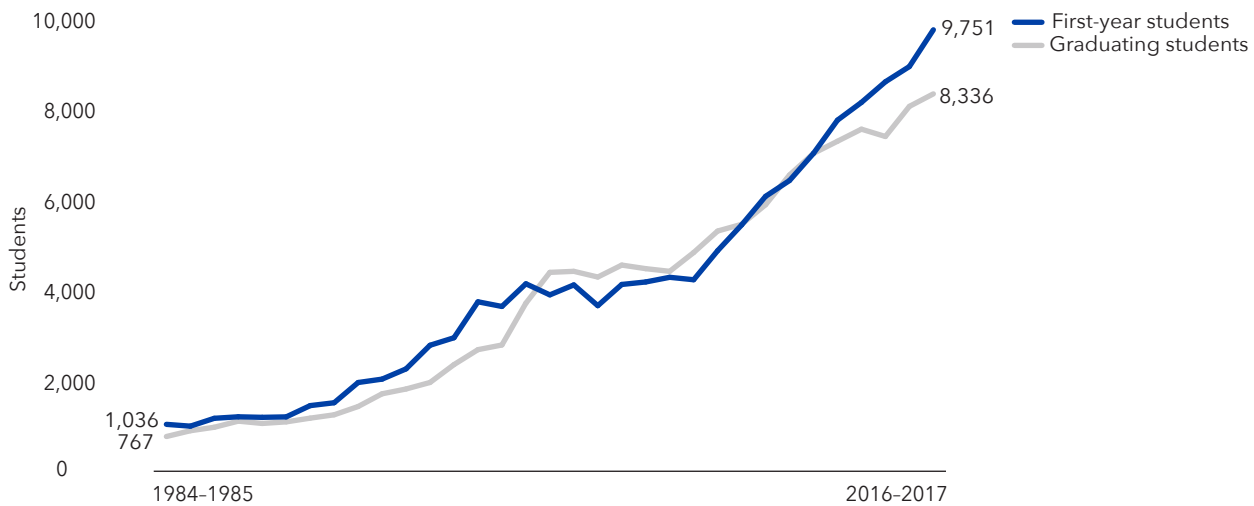
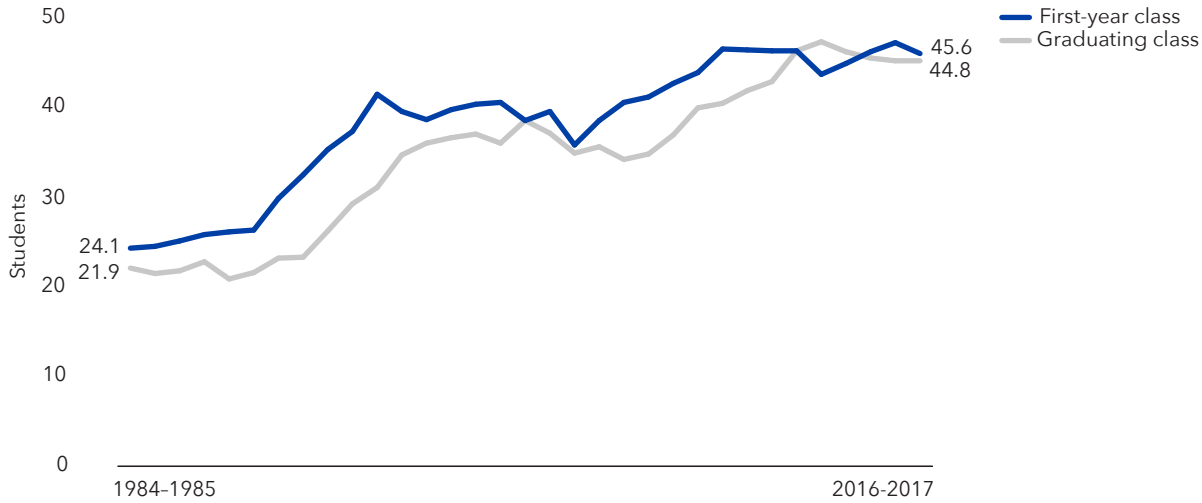


FIGURE 19. TOTAL FIRST-YEAR AND GRADUATING PA STUDENTS, 1985-2017



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

FIGURE 20. AVERAGE FIRST-YEAR AND GRADUATING PA CLASS SIZES, 1985-2017



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

First-Year Class

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

TABLE 42. EXAMS REQUIRED FOR ADMISSION

	<i>n</i>	%
GRE	127	59.9
TOEFL	53	25.0
SAT	9	4.2
ACT	6	2.8
MCAT or GRE	3	1.4
MCAT	1	0.5
Other	1	0.5
None	45	21.2
Total	212	-

Note: Percentages will not sum to 100% because programs could report more than one required exam.

TABLE 43. FIRST-YEAR CLASS: GRE SCORES

	<i>n</i>	<i>M</i>	<i>SD</i>	<i>Mdn</i>
Verbal reasoning	124	153.5	4.4	154.0
Quantitative reasoning	124	153.3	4.1	153.0
Analytical writing	117	4.1	0.3	4.0

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

TABLE 44. FIRST-YEAR CLASS: UNDERGRADUATE GRADE POINT AVERAGES

	<i>n</i>	<i>M</i>	<i>SD</i>	<i>Mdn</i>
Science	193	3.51	0.16	3.51
Non-science	122	3.61	0.14	3.60
CASPA biology, chemistry, physics (BCP)	128	3.46	0.28	3.50
Overall	206	3.56	0.14	3.56

Note: Zeroes were excluded.

TABLE 45. FIRST-YEAR CLASS: HEALTH CARE EXPERIENCE HOURS

	<i>n</i>	Range	<i>M</i>	<i>M</i> (T)	<i>SD</i>	P10	P25	P50 (<i>Mdn</i>)	P75	P90
Patient contact experience	136	30.0-12,241.0	2,891.8	2,559.9	2,332.9	600.0	1,352.5	2,310.5	4,002.8	5,813.0
Health care shadowing	59	10.0-4,530.0	195.2	112.3	580.1	31.6	64.5	100.0	176.0	210.0
Community service	48	19.0-1,593.0	423.1	356.9	384.9	50.0	150.0	338.0	557.2	752.1
Other health care experience	44	100.0-4,113.0	1,127.9	982.1	992.2	188.1	449.2	747.0	1,692.2	2,310.9
Other work experience	17	50.0-2,681.0	1,275.4	1,263.3	931.3	56.0	460.0	1,682.0	1,993.0	2,348.4

Note: Zeroes were excluded.

147 programs (69.7%) 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). Accurate demographic data are crucial to efforts to promote diversity in all aspects of PA education, a core component of **PAEA's mission** and **strategic plan**. However, 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.

PAEA is developing new tools to help programs collect this information, but also encourages member programs to do everything they can to gather and accurately report detailed student demographic data. 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. v) for more details.

A total of 216 programs (96.9%) reported having a first-year class enrolled in the 2017–2018 academic year and/or reported first-year demographic data; these numbers were not always the same due to skipped questions or misreporting (see Table 47 for program response patterns).

For **Tables 48–50**:

- **"n (P)"** refers to the number of programs reporting at least one student of that demographic (e.g., in Table 48, 211 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 216 that either reported having a first-year class enrolled and/or reported first-year demographic data (e.g., in Table 48, 97.7% of the 216 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 48, 211 programs reported a total of 7,250 female first-year students).
- **“% (S)”** refers to the proportion of all students reported across programs who belonged to each demographic (e.g., in Table 48, of the 9,943 reported first-year students, 72.9% 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 48, of the 211 programs that reported at least one female student, an average of 73.9% of their students were female).
- ***M*, *SD*, and *Mdn*** were calculated using data from the *n* (P) reporting programs and were not tabled when there were fewer than five reporting programs.

TABLE 46. FIRST-YEAR CLASS: PROGRAMS WITH MISSING STUDENT DEMOGRAPHIC INFORMATION

	<i>n</i>	%
Gender	4	1.9
Ethnicity	19	8.8
Race	18	8.3

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” responses, by 216 programs that reported having a first-year class enrolled and/or reported demographic data on their first-year students.

TABLE 47. FIRST-YEAR CLASS: PROGRAM RESPONSE PATTERNS

	Response Pattern		
Reported that first-year class was enrolled	✓	✓	
Reported first-year student demographics	✓		✓
<i>n</i> (P)	208	2	6

Note: A check mark indicates that programs reported that information. For example, 6 programs reported first-year student demographics but did not report having a first-year class enrolled.

TABLE 48. 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	211	97.7	7,250	72.9	73.9	34.4	16.0	30.0
Male	209	96.8	2,575	25.9	26.7	12.3	8.1	10.0
Unknown gender	4	1.9	118	1.2	57.1	NR	NR	NR
Total	214	99.1	9,943	100.0	100.0	46.5	20.7	40.5

TABLE 49. 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	155	71.8	718	7.4	11.5	4.6	4.9	3.0
Not Hispanic, Latino, or Spanish in origin	192	88.9	8,024	83.2	90.6	41.8	19.4	38.0
Unknown ethnicity	42	19.4	900	9.3	47.8	21.4	23.6	8.0
Total	212	98.1	9,642	100.0	100.00	45.5	20.8	40.0

Of the 197 programs that reported some ethnicity information (excluding those that only reported “Do Not Know”) for their first-year class, 42 (21.3%) reported no Hispanic students.

TABLE 50. FIRST-YEAR CLASS: RACE

	<i>n</i> (P)	% (P)	<i>n</i> (S)	% (S)	Mean % (S)	<i>M</i>	<i>SD</i>	<i>Mdn</i>
American Indian or Alaskan Native	31	14.4	45	0.5	3.2	1.4	0.6	1.0
Asian	165	76.4	760	7.9	9.9	4.6	3.8	3.0
Black or African American	130	60.2	319	3.3	6.1	2.5	2.2	2.0
Multiracial	67	31.0	174	1.8	5.6	2.6	2.0	2.0
Native Hawaiian or Pacific Islander	9	4.2	12	0.1	3.3	1.3	0.7	1.0
White	196	90.7	7,126	74.3	80.2	36.4	17.3	32.0
Other	63	29.2	247	2.6	8.5	3.9	3.7	3.0
Unknown race	64	29.6	902	9.4	30.2	14.1	20.1	4.5
Total	211	97.7	9,585	100.0	100.0	45.4	20.5	40.0

Of the 197 programs that reported some race information (excluding those who only reported “Other” and “Do Not Know”) for their first-year class, 8 (4.1%) reported no non-White students.

TABLE 51. FIRST-YEAR CLASS: AGE

	<i>n</i>	<i>M</i>	<i>SD</i>	<i>Mdn</i>
Average age of first-year class	207	25.4	2.0	25.0
Age of youngest matriculant	207	21.6	2.2	21.0
Age of oldest matriculant	207	40.7	7.8	40.0

2017 Cohort

This section refers to the 2017 cohort, or the group of students who entered a PA program expecting to graduate in 2017. For most programs, this group of students matriculated in 2015. 188 programs (84.3%) reported that they had graduated or would be graduating a 2017 cohort of PA students. 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. v) for more details.

For **Tables 53 and 54:**

- **“*n* (P)”** refers to the number of programs reporting at least one student of that status (e.g., in Table 54, 76 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 188 programs that reported graduating a 2017 cohort of students (e.g., in Table 54, of the 188 programs with a 2017 cohort, 40.4% 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 54, 76 programs reported 155 students who were dismissed for academic reasons).
- **“% (S)”** refers to the proportion of all students of each status reported across programs (e.g., in Table 54, of 8,926 total students, 1.7% 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 54, of the 76 programs that reported at least one student who was dismissed for academic reasons, an average of 4.3% of their 2017 cohort was dismissed for academic reasons).
- ***M*, *SD*, and *Mdn*** are calculated using data from the *n* (P) reporting programs.

TABLE 52. 2017 COHORT: PERCENT RECEIVING FEDERAL FINANCIAL AID (%)

	<i>n</i>	<i>M</i>	<i>M</i> (T)	<i>SD</i>	P10	P25	P50 (<i>Mdn</i>)	P75	P90
Percent of students receiving federal financial aid	155	87.4	90.3	15.6	70.4	84.0	91.0	97.5	100.0

Note: Programs that reported 0% were excluded.

TABLE 53. 2017 COHORT: ENROLLMENT AT MATRICULATION

	<i>n</i> (P)	% (P)	<i>n</i> (S)	% (S)	Mean % (S)	<i>M</i>	<i>SD</i>	<i>Mdn</i>
New students	187	99.5	8,763	97.4	97.7	46.9	22.9	41.0
Decelerated students from previous class	76	40.4	182	2.0	4.3	2.4	3.3	1.0
Delayed/Deferred admission from previous year	13	6.9	21	0.2	3.5	1.6	1.0	1.0
Other students	5	2.7	27	3.2	10.8	5.4	6.4	1.0
Total	187	99.5	8,993	100.0	100.0	48.1	24.0	42.0

TABLE 54. 2017 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	186	98.9	8,336	93.4	93.7	44.8	21.8	40.0
Academic dismissal	76	40.4	155	1.7	4.3	2.0	1.5	1.5
Non-academic dismissal (e.g., professionalism sanction)	19	10.1	27	0.3	3.1	1.4	1.0	1.0
Withdrew: Medical reason(s)	17	9.0	22	0.2	2.9	1.3	0.5	1.0
Withdrew: Personal reason(s)	66	35.1	102	1.1	3.3	1.5	0.9	1.0
Decelerated: Short-term (graduated less than one year late)	47	25.0	129	1.4	5.1	2.7	2.1	2.0
Decelerated: Long-term (to next cohort)	67	35.6	155	1.7	4.2	2.3	3.1	2.0
Total	186	98.9	8,926	100.0	100.00	48.0	24.0	42.0

2017 Cohort Demographics

The following section details the graduation, deceleration, and withdrawal statuses of the 2017 cohort of PA students by demographic factors (i.e., gender, ethnicity, and race). Accurate demographic data are crucial to efforts to promote diversity in all aspects of PA education, a core component of PAEA's mission and strategic plan. However, 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. PAEA is exploring new ways to collect this information but encourages member programs to be diligent in gathering and accurately reporting detailed student demographic data.

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 2017 cohort.

In the "**A**" tables, we report student demographics by their status (i.e., graduation, dismissal, withdrawal, and deceleration). The "% (S)" column in the "A" tables can be interpreted as: "For 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 56A shows that, among female students, 94.3% graduated, and female graduates comprised 64.7% of all reported students in the 2017 cohort. Statistics in the "A" tables 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. v) for more details.

The "**B**" tables report student statuses by demographics. The interpretation of the percentages in the "B tables" is: "For each status, what percentage of students belonged to each demographic?" For example, Table 56B (Gender) shows that 68.9% of all graduates in the 2017 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 56A, 60 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 188 programs that reported graduating a 2017 cohort of students (e.g., in Table 56A, of the 188 programs with a 2017 cohort, 31.9% 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 56A, programs reported a total of 99 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 56, of 6,104 total female students, 1.6% were dismissed for academic reasons).
- "**% (All S)**" refers to the proportion of all students who belonged to a demographic and who had each status (e.g., in Table 56A, of 8,895 total students, 1.1% were female students who were dismissed for academic reasons).
- **M**, **SD**, and **Mdn** were calculated using data from the *n* (P) reporting programs and were not tabled when there were fewer than 5 reporting programs.

TABLE 55. 2017 COHORT: PROGRAMS WITH MISSING STUDENT DEMOGRAPHIC INFORMATION

	<i>n</i>	%
Gender	54	2.17
Ethnicity	19	10.1
Race	18	9.6

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” responses, by 188 programs that reported that they would be graduating a 2017 cohort of students.

TABLE 56A. 2017 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	181	96.3	5,756	94.3	64.7	31.8	15.6	28.0
Academic dismissal	60	31.9	99	1.6	1.1	1.6	1.1	1.0
Non-academic dismissal (e.g., professionalism sanction)	8	4.3	9	0.1	0.1	1.1	0.4	1.0
Withdrew: Medical reason(s)	13	6.9	17	0.3	0.2	1.3	0.5	1.0
Withdrew: Personal reason(s)	47	25.0	66	1.1	0.7	1.4	0.6	1.0
Decelerated: Short-term (graduated less than one year late)	31	16.5	74	1.2	0.8	2.4	1.6	2.0
Decelerated: Long-term (to next cohort)	52	27.7	83	1.4	0.9	1.6	1.1	1.0
Subtotal	182	96.8	6,104	100.0	68.6	33.5	16.5	30.0
Male								
Graduated, or expect to graduate, on time	181	96.3	2,279	92.2	25.6	12.6	9.3	10.0
Academic dismissal	40	21.3	55	2.2	0.6	1.4	0.7	1.0
Non-academic dismissal (e.g., professionalism sanction)	9	4.8	9	0.4	0.1	1.0	0.0	1.0
Withdrew: Medical reason(s)	6	3.2	7	0.3	0.1	1.2	0.4	1.0
Withdrew: Personal reason(s)	24	12.8	30	1.2	0.3	1.2	0.4	1.0
Decelerated: Short-term (graduated less than one year late)	26	13.8	41	1.7	0.5	1.6	1.0	1.0
Decelerated: Long-term (to next cohort)	37	19.7	50	2.0	0.6	1.4	0.6	1.0
Subtotal	183	97.3	2,471	100.0	27.8	13.5	9.8	12.0
Unknown gender								
Graduated, or expect to graduate, on time	6	3.2	316	98.8	3.6	52.7	62.7	41.0
Academic dismissal	1	0.5	1	0.3	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	0.5	1	0.3	0.0	NR	NR	NR
Withdrew: Personal reason(s)	1	0.5	2	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: Long-term (to next cohort)	0	0.0	0	0.0	0.0	NR	NR	NR
Subtotal	7	3.7	320	100.0	3.6	45.7	60.1	32.0
Total								
Graduated, or expect to graduate, on time	185	98.4	8,351	93.9	93.9	45.1	21.6	40.0
Academic dismissal	77	41.0	155	1.7	1.7	2.0	1.4	2.0
Non-academic dismissal (e.g., professionalism sanction)	16	8.5	18	0.2	0.2	1.1	0.3	1.0
Withdrew: Medical reason(s)	19	10.1	25	0.3	0.3	1.3	0.6	1.0
Withdrew: Personal reason(s)	62	33.0	98	1.1	1.1	1.6	0.9	1.0
Decelerated: Short-term (graduated less than one year late)	41	21.8	115	1.3	1.3	2.8	2.4	2.0
Decelerated: Long-term (to next cohort)	67	35.6	133	1.5	1.5	2.0	1.4	2.0
Total	186	98.9	8,895	100.0	100.0	47.8	22.8	43.0

TABLE 56B. 2017 COHORT: STUDENT STATUS BY GENDER (%)

	<i>n</i> (S)	Female	Male	Unknown Gender
Graduated, or expect to graduate, on time	8,351	68.9	27.3	3.8
Academic dismissal	155	63.9	35.5	0.6
Non-academic dismissal (e.g., professionalism sanction)	18	50.0	50.0	0.0
Withdrew: Medical reason(s)	25	68.0	28.0	4.0
Withdrew: Personal reason(s)	98	67.3	30.6	2.0
Decelerated: Short-term (graduated less than one year late)	115	64.3	35.7	0.0
Decelerated: Long-term (to next cohort)	133	62.4	37.6	0.0
Total	8,895	68.6	27.8	3.6

TABLE 57A. 2017 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	124	66.0	523	92.1	6.1	4.2	4.9	2.0
Academic dismissal	14	7.4	17	3.0	0.2	1.2	0.6	1.0
Non-academic dismissal (e.g., professionalism sanction)	0	0.0	0	0.0	0.0	NR	NR	NR
Withdrew: Medical reason(s)	2	1.1	2	0.4	0.0	NR	NR	NR
Withdrew: Personal reason(s)	2	1.1	2	0.4	0.0	NR	NR	NR
Decelerated: Short-term (graduated less than one year late)	7	3.7	10	1.8	0.1	1.4	0.5	1.0
Decelerated: Long-term (to next cohort)	10	5.3	14	2.5	0.2	1.4	0.8	1.0
Subtotal	127	67.6	568	100.0	6.7	4.5	5.2	2.0
Not Hispanic, Latino, or Spanish in origin								
Graduated, or expect to graduate, on time	164	87.2	6,648	94.6	77.9	40.5	18.4	37.0
Academic dismissal	52	27.7	100	1.4	1.2	1.9	1.2	2.0
Non-academic dismissal (e.g., professionalism sanction)	12	6.4	13	0.2	0.2	1.1	0.3	1.0
Withdrew: Medical reason(s)	16	8.5	19	0.3	0.2	1.2	0.4	1.0
Withdrew: Personal reason(s)	45	23.9	69	1.0	0.8	1.5	0.9	1.0
Decelerated: Short-term (graduated less than one year late)	30	16.0	78	1.1	0.9	2.6	2.0	2.0
Decelerated: Long-term (to next cohort)	53	28.2	98	1.4	1.1	1.8	1.1	2.0
Subtotal	169	89.9	7,025	100.0	82.3	41.6	20.4	38.0
Unknown ethnicity								
Graduated, or expect to graduate, on time	38	20.2	903	96.0	10.6	23.8	33.3	7.5
Academic dismissal	6	3.2	17	1.8	0.2	2.8	2.5	1.5
Non-academic dismissal (e.g., professionalism sanction)	2	1.1	2	0.2	0.0	NR	NR	NR
Withdrew: Medical reason(s)	1	0.5	2	0.2	0.0	NR	NR	NR
Withdrew: Personal reason(s)	4	2.1	7	0.7	0.1	NR	NR	NR
Decelerated: Short-term (graduated less than one year late)	3	1.6	3	0.3	0.0	NR	NR	NR
Decelerated: Long-term (to next cohort)	6	3.2	7	0.7	0.1	1.2	0.4	1.0
Subtotal	42	22.3	941	100.0	11.0	22.4	32.3	5.5

continued

TABLE 57A. 2017 COHORT: ETHNICITY BY STUDENT STATUS, continued

	<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	183	97.3	8,074	94.6	94.6	44.1	21.9	40.0
Academic dismissal	65	34.6	134	1.6	1.6	2.1	1.4	2.0
Non-academic dismissal (e.g., professionalism sanction)	14	7.4	15	0.2	0.2	1.1	0.3	1.0
Withdrew: Medical reason(s)	17	9.0	23	0.3	0.3	1.4	0.6	1.0
Withdrew: Personal reason(s)	50	26.6	78	0.9	0.9	1.6	0.9	1.0
Decelerated: Short-term (graduated less than one year late)	33	17.6	91	1.1	1.1	2.8	2.2	2.0
Decelerated: Long-term (to next cohort)	62	33.0	119	1.4	1.4	1.9	1.3	2.0
Total	185	98.4	8,534	100.0	100.0	46.1	23.1	42.0

Of the 171 programs that reported some ethnicity information (excluding those that only reported "Do Not Know") for their 2017 cohort, 47 (27.5%) reported no Hispanic graduates.

TABLE 57B. 2017 COHORT: STUDENT STATUS BY ETHNICITY (%)

	<i>n</i> (S)	Hispanic, Latino, or Spanish in Origin	Not Hispanic, Latino, or Spanish in Origin	Unknown Ethnicity
Graduated, or expect to graduate, on time	8,074	6.5	82.3	11.2
Academic dismissal	134	12.7	74.6	12.7
Non-academic dismissal (e.g., professionalism sanction)	15	0.0	86.7	13.3
Withdrew: Medical reason(s)	23	8.7	82.6	8.7
Withdrew: Personal reason(s)	78	2.6	88.5	9.0
Decelerated: Short-term (graduated less than one year late)	91	11.0	85.7	3.3
Decelerated: Long-term (to next cohort)	119	11.8	82.4	5.9
Total	8,534	6.7	82.3	11.0

TABLE 58A. 2017 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 Alaskan Native								
Graduated, or expect to graduate, on time	23	12.2	34	97.1	0.4	1.5	0.7	1.0
Academic dismissal	0	0.0	0	0.0	0.0	NR	NR	NR
Non-academic dismissal (e.g., professionalism sanction)	0	0.0	0	0.0	0.0	NR	NR	NR
Withdrew: Medical reason(s)	0	0.0	0	0.0	0.0	NR	NR	NR
Withdrew: Personal reason(s)	0	0.0	0	0.0	0.0	NR	NR	NR
Decelerated: Short-term (graduated less than one year late)	0	0.0	0	0.0	0.0	NR	NR	NR
Decelerated: Long-term (to next cohort)	1	0.5	1	2.9	0.0	NR	NR	NR
Subtotal	24	12.8	35	100.0	0.4	1.5	0.7	1.0
Asian								
Graduated, or expect to graduate, on time	127	67.6	593	91.7	6.9	4.7	4.5	3.0
Academic dismissal	10	5.3	16	2.5	0.2	1.6	1.6	1.0
Non-academic dismissal (e.g., professionalism sanction)	1	0.5	1	0.2	0.0	NR	NR	NR
Withdrew: Medical reason(s)	1	0.5	1	0.2	0.0	NR	NR	NR
Withdrew: Personal reason(s)	10	5.3	11	1.7	0.1	1.1	0.3	1.0
Decelerated: Short-term (graduated less than one year late)	5	2.7	8	1.2	0.1	1.6	0.9	1.0
Decelerated: Long-term (to next cohort)	12	6.4	17	2.6	0.2	1.4	0.5	1.0
Subtotal	129	68.6	647	100.0	7.6	5.0	4.9	3.0
Black or African American								
Graduated, or expect to graduate, on time	98	52.1	216	83.1	2.5	2.2	1.8	2.0
Academic dismissal	14	7.4	16	6.2	0.2	1.1	0.4	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)	3	1.6	4	1.5	0.0	NR	NR	NR
Decelerated: Short-term (graduated less than one year late)	9	4.8	10	3.8	0.1	1.1	0.3	1.0
Decelerated: Long-term (to next cohort)	10	5.3	14	5.4	0.2	1.4	0.7	1.0
Subtotal	103	54.8	260	100.0	3.0	2.5	2.2	2.0
Multiracial								
Graduated, or expect to graduate, on time	57	30.3	149	96.1	1.7	2.6	2.1	2.0
Academic dismissal	1	0.5	1	0.6	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)	0	0.0	0	0.0	0.0	NR	NR	NR
Decelerated: Short-term (graduated less than one year late)	2	1.1	4	2.6	0.0	NR	NR	NR
Decelerated: Long-term (to next cohort)	1	0.5	1	0.6	0.0	NR	NR	NR
Subtotal	59	31.4	155	100.0	1.8	2.6	2.1	2.0
Native Hawaiian or Pacific Islander								
Graduated, or expect to graduate, on time	11	5.9	34	87.2	0.4	3.1	6.6	1.0
Academic dismissal	1	0.5	1	2.6	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)	0	0.0	0	0.0	0.0	NR	NR	NR
Decelerated: Short-term (graduated less than one year late)	2	1.1	4	10.3	0.0	NR	NR	NR
Decelerated: Long-term (to next cohort)	0	0.0	0	0.0	0.0	NR	NR	NR
Subtotal	13	6.9	39	100.0	0.5	3.0	6.1	1.0

continued

TABLE 58A. 2017 COHORT: RACE BY STUDENT STATUS, continued

	<i>n</i> (P)	% (P)	<i>n</i> (S)	% (S)	% (All S)	<i>M</i>	<i>SD</i>	<i>Mdn</i>
White								
Graduated, or expect to graduate, on time	163	86.7	6,007	95.5	70.4	36.9	16.5	33.0
Academic dismissal	40	21.3	65	1.0	0.8	1.6	1.0	1.0
Non-academic dismissal (e.g., professionalism sanction)	9	4.8	10	0.2	0.1	1.1	0.3	1.0
Withdrew: Medical reason(s)	16	8.5	19	0.3	0.2	1.2	0.4	1.0
Withdrew: Personal reason(s)	36	19.1	56	0.9	0.7	1.6	0.8	1.0
Decelerated: Short-term (graduated less than one year late)	26	13.8	54	0.9	0.6	2.1	1.5	2.0
Decelerated: Long-term (to next cohort)	41	21.8	76	1.2	0.9	1.9	1.2	2.0
Subtotal	167	88.8	6,287	100.0	73.6	37.6	18.3	34.0
Other race								
Graduated, or expect to graduate, on time	48	25.5	162	90.0	1.9	3.4	2.8	2.0
Academic dismissal	4	2.1	4	2.2	0.0	NR	NR	NR
Non-academic dismissal (e.g., professionalism sanction)	1	0.5	1	0.6	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)	2	1.1	3	1.7	0.0	NR	NR	NR
Decelerated: Long-term (to next cohort)	7	3.7	8	4.4	0.1	1.1	0.4	1.0
Subtotal	51	27.1	180	100.0	2.1	3.5	3.3	2.0
Unknown race								
Graduated, or expect to graduate, on time	48	25.5	875	93.7	10.2	18.2	29.9	4.5
Academic dismissal	9	4.8	20	2.1	0.2	2.2	2.2	1.0
Non-academic dismissal (e.g., professionalism sanction)	1	0.5	1	0.1	0.0	NR	NR	NR
Withdrew: Medical reason(s)	1	0.5	2	0.2	0.0	NR	NR	NR
Withdrew: Personal reason(s)	7	3.7	10	1.1	0.1	1.4	0.5	1.0
Decelerated: Short-term (graduated less than one year late)	5	2.7	10	1.1	0.1	2.0	1.4	1.0
Decelerated: Long-term (to next cohort)	8	4.3	16	1.7	0.2	2.0	2.4	1.0
Subtotal	50	26.6	934	100.0	10.9	18.7	29.6	4.5
Total								
Graduated, or expect to graduate, on time	183	97.3	8,070	94.5	94.5	44.1	22.0	40.0
Academic dismissal	64	34.0	123	1.4	1.4	1.9	1.3	1.5
Non-academic dismissal (e.g., professionalism sanction)	12	6.4	13	0.2	0.2	1.1	0.3	1.0
Withdrew: Medical reason(s)	18	9.6	22	0.3	0.3	1.2	0.4	1.0
Withdrew: Personal reason(s)	52	27.7	83	1.0	1.0	1.6	0.9	1.0
Decelerated: Short-term (graduated less than one year late)	35	18.6	93	1.1	1.1	2.7	2.2	2.0
Decelerated: Long-term (to next cohort)	69	36.7	133	1.6	1.6	1.9	1.3	2.0
Total	184	97.9	8,537	100.0	100.0	46.4	23.2	41.5

Of the 171 programs that reported some race information (excluding those that only reported "Other" and "Do Not Know") for their 2017 cohort, 15 (8.8%) reported no non-White graduates.

TABLE 58B. 2017 COHORT: STUDENT STATUS BY RACE (%)

	<i>n</i> (S)	American Indian or Alaskan Native	Asian	Black or African American	Multiracial	Native Hawaiian or Pacific Islander	White	Other Race	Unknown Race
Graduated, or expect to graduate, on time	8,070	0.4	7.3	2.7	1.8	0.4	74.4	2.0	10.8
Academic dismissal	123	0.0	13.0	13.0	0.8	0.8	52.8	3.3	16.3
Non-academic dismissal (e.g., professionalism sanction)	13	0.0	7.7	0.0	0.0	0.0	76.9	7.7	7.7
Withdrew: Medical reason(s)	22	0.0	4.5	0.0	0.0	0.0	86.4	0.0	9.1
Withdrew: Personal reason(s)	83	0.0	13.3	4.8	0.0	0.0	67.5	2.4	12.0
Decelerated: Short-term (graduated less than one year late)	93	0.0	8.6	10.8	4.3	4.3	58.1	3.2	10.8
Decelerated: Long-term (to next cohort)	133	0.8	12.8	10.5	0.8	0.0	57.1	6.0	12.0
Total	8,537	0.4	7.6	3.0	1.8	0.5	73.6	2.1	10.9