

2022-2023 PharmCAS Applicant Data Report

2022-2023 Admissions Cycle
for the 2023 Entering Class

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INSTITUTIONS PARTICIPATING IN PHARMCAS: 2022-2023

The 2022-2023 PharmCAS Applicant Data Report was developed by the American Association of Colleges of Pharmacy and reflects data for the 133 programs that participated in PharmCAS during its 20th admissions cycle. For a current list of participating Doctor of Pharmacy (Pharm.D.) degree programs, please visit the PharmCAS website at www.pharmcas.org.

** Indicates new institutions in PharmCAS during the 2022-2023 admissions cycle.*

Albany C of Pharmacy and Hlth Sci	MCPHS - Boston
American U of Hlth Sci	MCPHS - Manchester and Worcester
Appalachian C of Pharmacy	Medical College of Wisconsin
Auburn U	Medical U of South Carolina
Belmont U	Mercer U
Binghamton U - SUNY	Midwestern U - Downers Grove and Glendale
Butler U	Northeast Ohio Med U (NEOMED)
California Northstate U	Northeastern U
Campbell U	Notre Dame of Maryland U
Cedarville U	Nova Southeastern U
Chapman U	Ohio Northern U
Chicago State U	Ohio State U, The
Concordia U Wisconsin	Oregon State U
Creighton U	Pacific U Oregon
Drake U	Palm Beach Atlantic U
D'Youville C	Philadelphia C of Osteopathic Med
East Tennessee State U	Presbyterian C
Fairleigh Dickinson U	Purdue U
Ferris State U	Regis U
Florida A&M U	Roosevelt U
Harding U	Rosalind Franklin U of Med and Sci
High Point U	Roseman U of Hlth Sci
Howard U	Saint Joseph's U
Husson U	Samford U
Idaho State U	Shenandoah U
Keck Graduate Inst	South C (TN)
Lake Erie C of Osteopathic Med (LECOM)	South U
Larkin U	Southern Illinois U Edwardsville
Lipscomb U	St. John Fisher C
Loma Linda U	Sullivan U
Long Island U	Temple U
Manchester U	Texas A&M U
Marshall B. Ketchum U	Texas Southern U
Marshall U	Texas Tech U Hlth Sci Ctr

Thomas Jefferson U
Touro C (NY)
Touro U (CA)
U at Buffalo - SUNY
U of Arizona
U of Arkansas for Med Sci
U of California, Irvine
U of California, San Diego
U of California, San Francisco
U of Charleston
U of Cincinnati
U of Colorado
U of Connecticut
U of Findlay, The
U of Florida
U of Georgia
U of Hawaii at Hilo
U of Hlth Sci & Pharm in St. Louis
U of Houston
U of Illinois Chicago
U of Iowa, The
U of Kansas, The
U of Kentucky
U of Louisiana Monroe, The
U of Maryland
U of Maryland Eastern Shore
U of Michigan
U of Minnesota
U of Mississippi, The
U of Missouri-Kansas City
U of Montana
U of Nebraska Med Ctr
U of New England
U of New Mexico, The
U of North Carolina at Chapel Hill, The
U of North Texas Hlth Sci Ctr
U of Oklahoma, The
U of Pittsburgh
U of Puerto Rico
U of Saint Joseph
U of South Carolina
U of South Florida
U of Southern California
U of Tennessee, The
U of Texas at Austin, The
U of Texas at El Paso, The
U of Texas at Tyler, The
U of the Incarnate Word
U of the Pacific
U of Toledo, The
U of Utah
U of Washington
U of Wisconsin - Madison
U of Wyoming
Union U
Virginia Commonwealth U
Washington State U
Wayne State U
West Coast U
West Virginia U
Western New England U
Western U of Hlth Sci
William Carey U
Wingate U
Xavier U of Louisiana

OVERALL APPLICANT AND APPLICATION TRENDS

The 2022-2023 PharmCAS Applicant Data Report reflects 11,227 applicants with Verified application status who applied via the Pharmacy College Application Service (PharmCAS) during the 2022-2023 (20th) admissions cycle. Applicants with Verified status submitted a total of 31,128 applications to 133 colleges and schools of pharmacy that participated in PharmCAS.

Participating colleges and schools of pharmacy submitted admission decisions for applicants in the 2022-2023 admissions cycle through September 30, 2023. PharmCAS applicants with Verified status and the following admission decisions were categorized as “accepted” for the purposes of this report: Declined Offer, Deferred, Matriculated, Offer Accepted, Offer Made, and Withdrew After Matriculation.

“Schools” in this report refers to the colleges and schools of pharmacy that participated in PharmCAS.

Data in this report may differ from WebAdMIT and other AACP reports due to differences in how the data were collected, organized, and verified.

Figure 1: PharmCAS Participation, Applicant, and Application Trends (2004-2023)

Cycle	# of Schools in PharmCAS	# of PharmCAS Applications	% Change	# of PharmCAS Applicants	% Change	Applications to Applicant Ratio
2003-04	43	43,055		13,722		3.14
2004-05	43	47,358	10.0%	14,433	5.2%	3.28
2005-06	45	56,396	19.1%	14,650	1.5%	3.85
2006-07	47	60,193	6.7%	14,869	1.5%	4.05
2007-08	59	71,403	18.6%	15,908	7.0%	4.49
2008-09	72	79,091	10.8%	16,246	2.1%	4.87
2009-10	86	86,350	9.2%	17,328	6.7%	4.98
2010-11	96	85,253	-1.3%	17,451	0.7%	4.89
2011-12	103	80,977	-5.0%	17,405	-0.3%	4.65
2012-13	110	80,497	-0.6%	17,617	1.2%	4.57
2013-14	116	79,313	-1.5%	17,225	-2.2%	4.60
2014-15	119	72,654	-8.4%	16,858	-2.1%	4.31
2015-16	124	68,918	-5.1%	16,369	-2.9%	4.21
2016-17	126	63,888	-7.3%	16,204	-1.0%	3.94
2017-18	129	51,020	-20.1%	15,886	-2.0%	3.21
2018-19	133	43,268	-15.2%	15,335	-3.5%	2.82
2019-20	135	35,947	-16.9%	13,988	-8.8%	2.57
2020-21	134	36,006	0.2%	13,324	-4.7%	2.70
2021-22	134	32,848	-8.8%	11,219	-15.8%	2.93
2022-23	133	31,128	-5.2%	11,227	0.1%	2.77

Figure 2: Number of Schools Participating in PharmCAS (2004-2023)

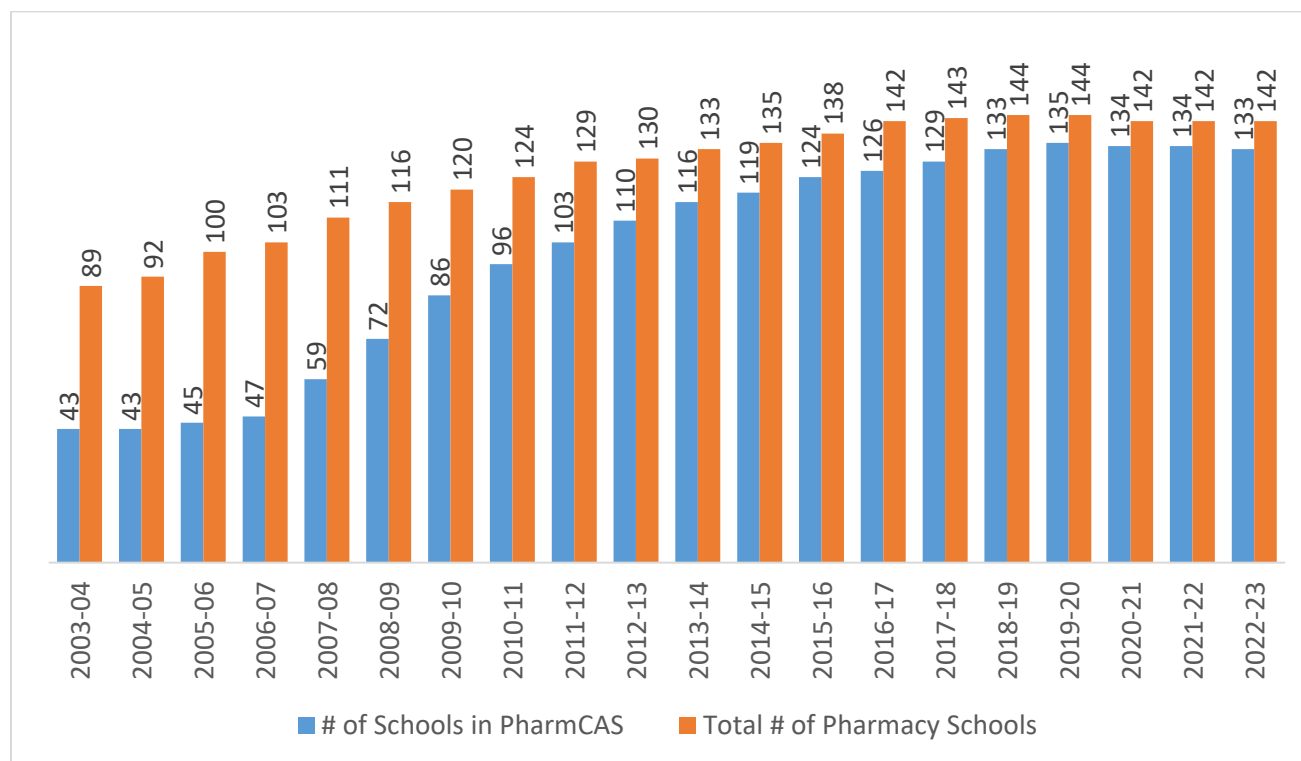


Figure 3: PharmCAS Applications per Applicant Ratio (2004-2023)

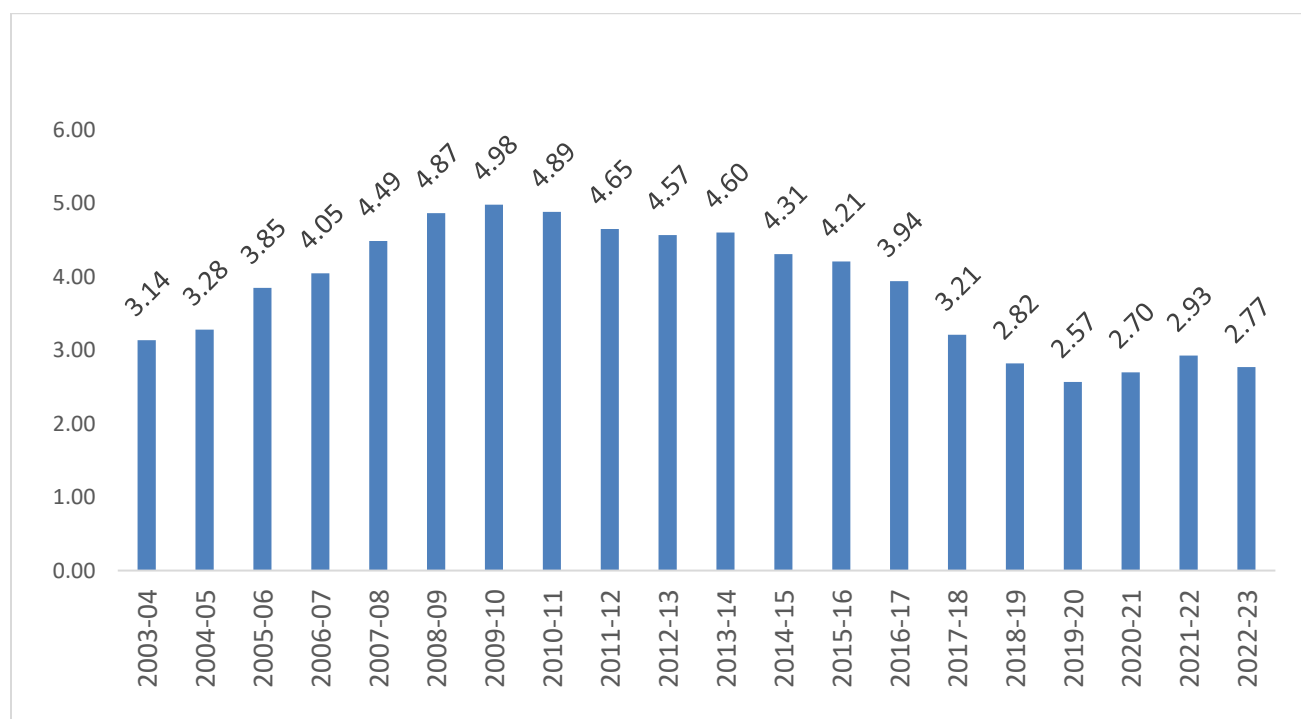


Figure 4: Total Number of PharmCAS Applications (2004-2023)

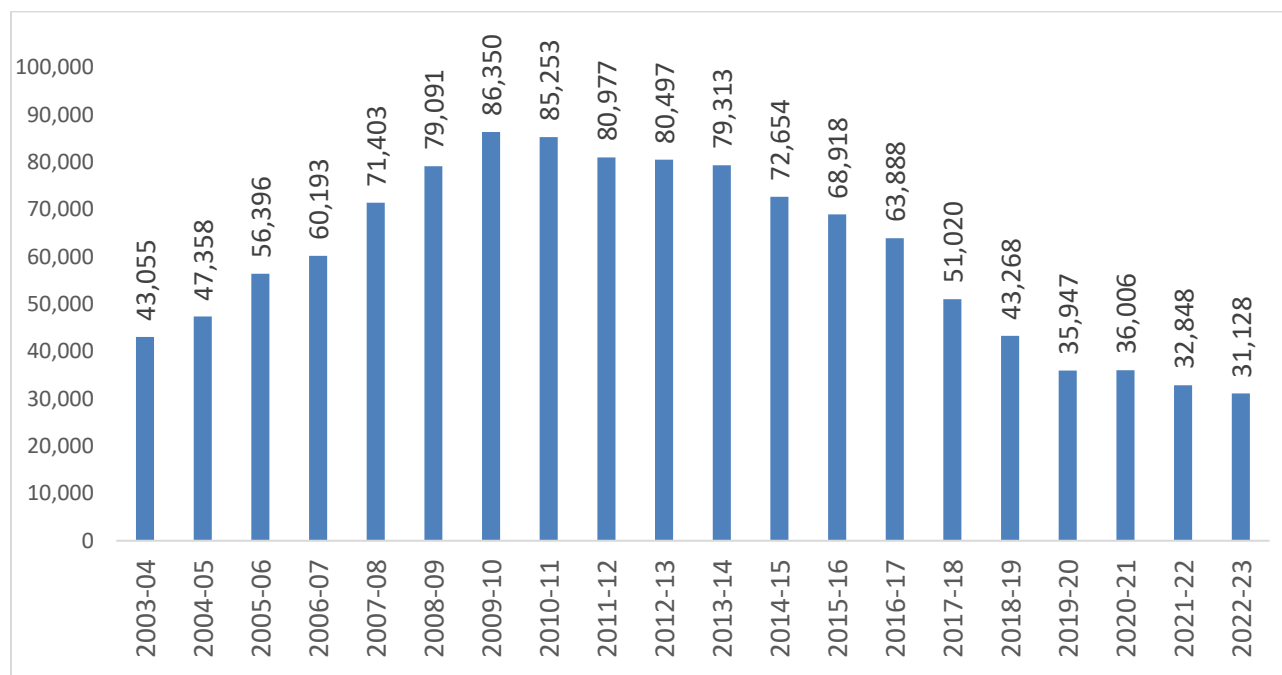
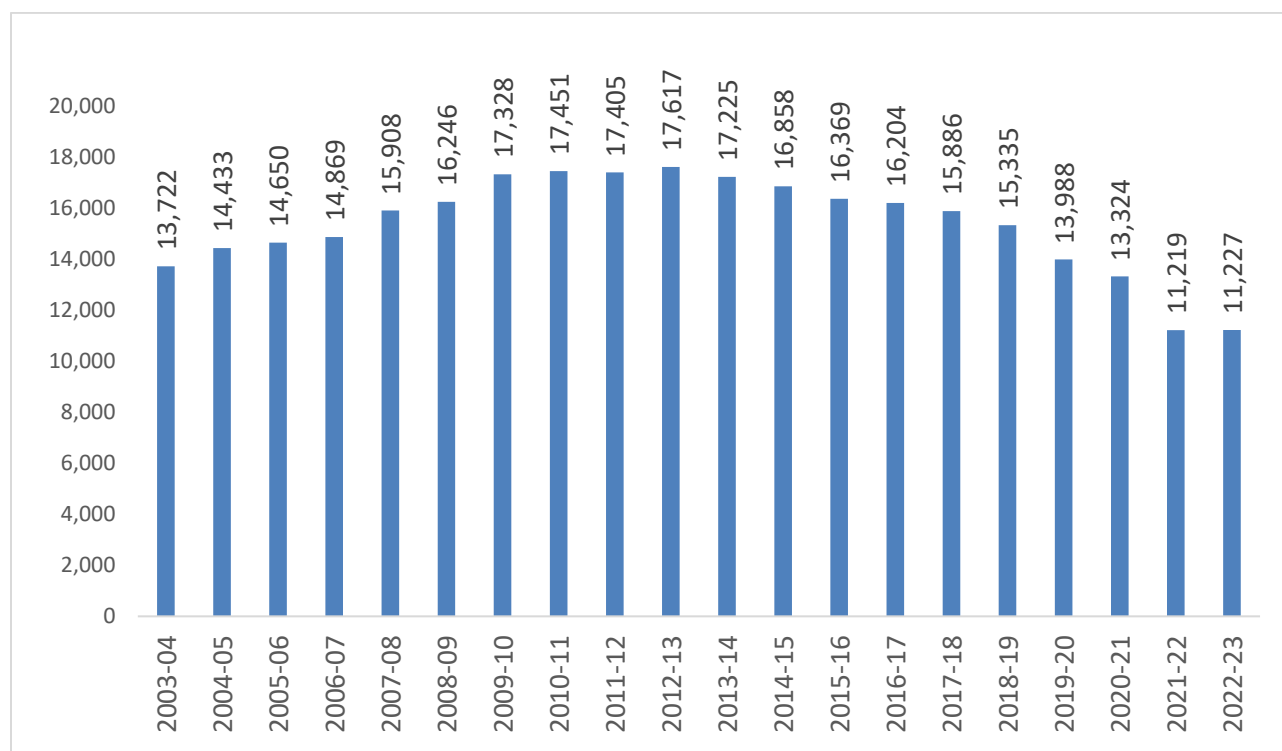


Figure 5: Total Number of PharmCAS Applicants (2004-2023)

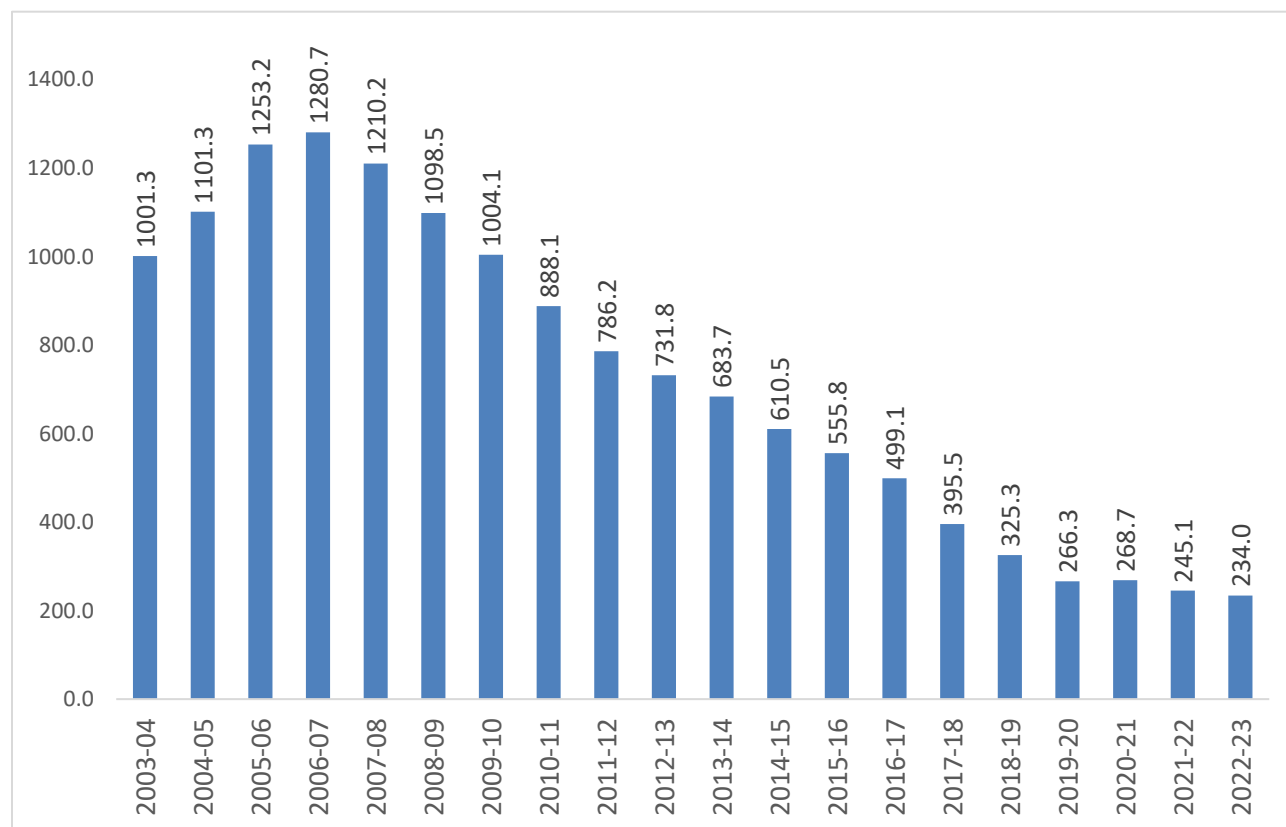


All uses of this data should reference the American Association of Colleges of Pharmacy (AACP) as the source of the data and acknowledge that AACP bears no responsibility for interpretations presented or conclusions reached based on analysis of the data.

Figure 6: PharmCAS Applications per School and Program (2004-2023)

Cycle	# of Schools in PharmCAS	# of PharmCAS Applications	MEAN # of Applications Per School
2003-04	43	43,055	1001.3
2004-05	43	47,358	1101.3
2005-06	45	56,396	1253.2
2006-07	47	60,193	1280.7
2007-08	59	71,403	1210.2
2008-09	72	79,091	1098.5
2009-10	86	86,350	1004.1
2010-11	96	85,253	888.1
2011-12	103	80,977	786.2
2012-13	110	80,497	731.8
2013-14	116	79,313	683.7
2014-15	119	72,654	610.5
2015-16	124	68,918	555.8
2016-17	126	63,888	507.0
2017-18	129	51,020	395.5
2018-19	133	43,268	325.3
2019-20	135	35,947	266.3
2020-21	134	36,006	268.7
2021-22	134	32,848	245.1
2022-23	133	31,128	234.0

Related Report: A separate “PharmCAS Applications by School Report” is available for download as a stand-alone spreadsheet via the [WebAdMIT Help Center](#) and reflects the number of applicants per ORGANIZATION. Most pharmacy schools only have a single organization in PharmCAS. If the institution has created separate program designations in PharmCAS for different pathways/campuses, then all applicant counts for the institution are combined into a single number in the stand-alone report. If the school opted to create separate organizations for each program pathway in PharmCAS (rather than separate programs), then the applicants count appear as separate rows and are not combined in the stand-alone report.

Figure 7: Mean Number of PharmCAS Applications per School (2004-2023)**Figure 8: PharmCAS Early Decision Applicants and Schools (2013-2023)**

Cycle	# of Early Decision Schools	Total # of Early Decision Applicants	Total # of PharmCAS Applicants	Percentage of ED Applicants in Total Applicant Pool
2012-13	34	528	17,225	3.0%
2013-14	42	658	16,858	3.8%
2014-15	59	952	16,369	5.6%
2015-16	84	1,773	16,176	10.6%
2016-17	101	2,022	16,369	12.5%
2017-18	111	2,408	15,886	15.2%
2018-19	113	2,851	15,335	18.6%
2019-20	118	3,180	13,988	22.7%
2020-21	86	1,876	13,324	14.1%
2021-22	N/A	N/A	11,219	N/A
2022-23	N/A	N/A	11,227	N/A

* Early decision was not available in PharmCAS during the 2021-2022 or 2022-2023 cycles.

Figure 9: PharmCAS Accepted Applicants (2004-2023)

Cycle	# of Schools in PharmCAS	All Applicants	# of Accepted Applicants	Mean # of Accepted Applicants per Program	% of Applicants Accepted	# of Applicants <u>Not</u> Accepted	% of Applicants <u>Not</u> Accepted
2003-04	43	13,722	4,683	108.9	34.1%	9,039	65.9%
2004-05	43	14,433	4,570	106.3	31.7%	9,863	68.3%
2005-06	45	14,650	4,932	109.6	33.7%	9,718	66.3%
2006-07	47	14,869	5,448	115.9	36.6%	9,421	63.4%
2007-08	59	15,908	6,581	111.5	41.4%	9,327	58.6%
2008-09	72	16,246	8,168	113.4	50.3%	8,078	49.7%
2009-10	86	17,330	9,447	109.8	54.5%	7,883	45.5%
2010-11	96	17,451	10,429	108.6	59.8%	7,022	40.2%
2011-12	103	17,405	10,804	104.9	62.1%	6,601	37.9%
2012-13	110	17,617	12,247	111.3	69.5%	5,370	30.5%
2013-14	116	17,225	12,438	107.2	72.2%	4,787	27.8%
2014-15	119	16,858	13,086	110.0	77.6%	3,772	22.4%
2015-16	124	16,369	13,015	105.0	79.5%	3,354	20.5%
2016-17	126	16,204	13,185	104.6	81.4%	3,019	18.6%
2017-18	129	15,886	13,139	101.9	82.7%	2,747	17.3%
2018-19	133	15,335	12,708	95.5	82.9%	2,627	17.1%
2019-20	135	13,988	12,143	89.9	86.8%	1,845	13.2%
2020-21	134	13,006	11,520	86.0	88.6%	1,486	11.4%
2021-22	134	11,219	9,700	72.4	86.5%	1,519	13.5%
2022-23	133	11,227	9,743	73.3	86.8%	1,484	13.2%

**PharmCAS applicants with Verified status and the following admission decisions were categorized as “accepted” for the purposes of this report: Declined Offer, Deferred, Matriculated, Offer Accepted, Offer Made, and Withdrew After Matriculation. Data only reflects acceptances reported by schools participating in PharmCAS. Applicants who applied via PharmCAS may have also applied to and been accepted by non-participating colleges and schools of pharmacy.*

AGE AND SEX

PharmCAS age data is based on the “age_at_submission” field in the PharmCAS application. PharmCAS cannot verify or edit the age or date of birth fields on behalf of applicants; therefore, some age data may be inaccurate. Table is based on the sex of applicants and not gender identity.

Figure 10: PharmCAS Applicants by Age and Sex

Age	MALE		FEMALE		DECLINE TO STATE		TOTAL	
	#	%	#	%	#	%	#	%
Age Up to 19	492	13.7%	1,303	17.1%	4	22.2%	1,799	16.0%
Age 20 - 25	2,234	62.3%	4,824	63.3%	10	55.6%	7,068	63.0%
Age 26 - 30	479	13.4%	775	10.2%	2	11.1%	1,256	11.2%
Age 31 - 35	179	5.0%	320	4.2%	2	11.1%	501	4.5%
Age 36 - 40	100	2.8%	190	2.5%	0	0.0%	290	2.6%
Age 41 - 45	49	1.4%	109	1.4%	0	0.0%	158	1.4%
Age 46+	49	1.4%	92	1.2%	0	0.0%	141	1.3%
Age Unknown	4	0.1%	10	0.1%	0	0.0%	14	0.1%
TOTAL	3,586	100%	7,623	100%	18	100%	11,227	100%
Mean	24.02		23.37		23.22		23.58	
Median	22		22		23		22	
Range	17-62		15-67		17-33		15-67	

Figure 11: Accepted PharmCAS Applicants by Age and Sex

Age	MALE		FEMALE		DECLINE TO STATE		TOTAL	
	#	%	#	%	#	%	#	%
Age Up to 19	449	14.4%	1,184	17.9%	2	15.4%	1,635	16.8%
Age 20 - 25	1,985	63.8%	4,312	65.2%	8	61.5%	6,305	64.7%
Age 26 - 30	390	12.5%	613	9.3%	1	7.7%	1,004	10.3%
Age 31 - 35	147	4.7%	233	3.5%	2	15.4%	382	3.9%
Age 36 - 40	70	2.3%	132	2.0%	0	0.0%	202	2.1%
Age 41 - 45	35	1.1%	76	1.2%	0	0.0%	111	1.1%
Age 46+	31	1.0%	61	0.9%	0	0.0%	92	0.9%
Age Unknown	4	0.1%	8	0.1%	0	0.0%	12	0.1%
TOTAL	3,111	100%	6,619	100%	13	100%	9,743	100%
Mean	23.65		22.96		23.38		23.18	
Median	22		21		23		22	
Range	17-60		16-67		17-33		16-67	

Figure 12: Percentage of PharmCAS Applicants by Age and Sex

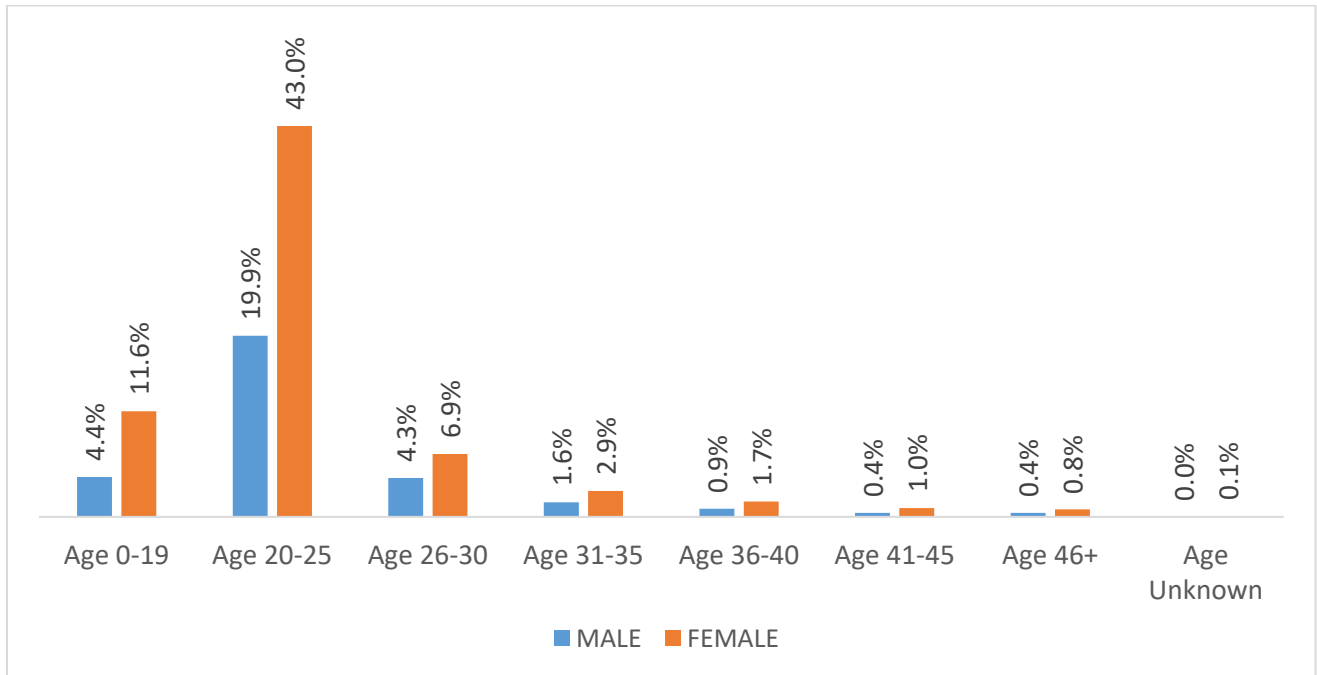
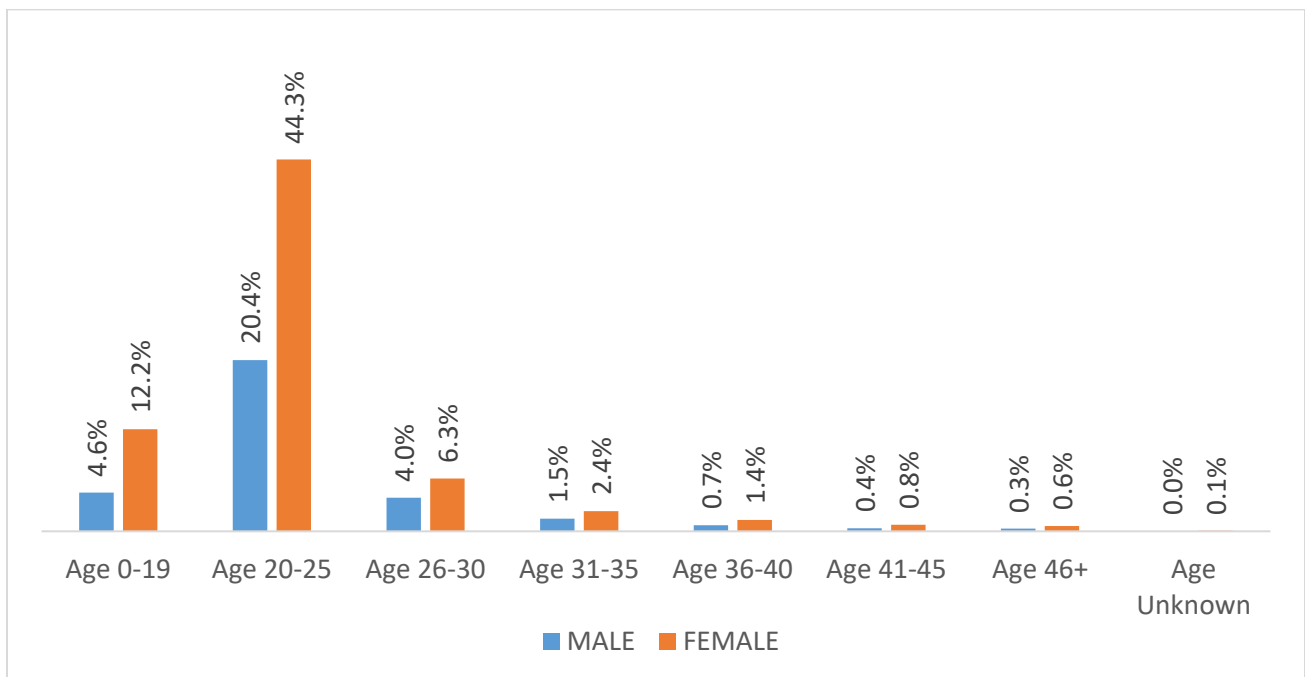
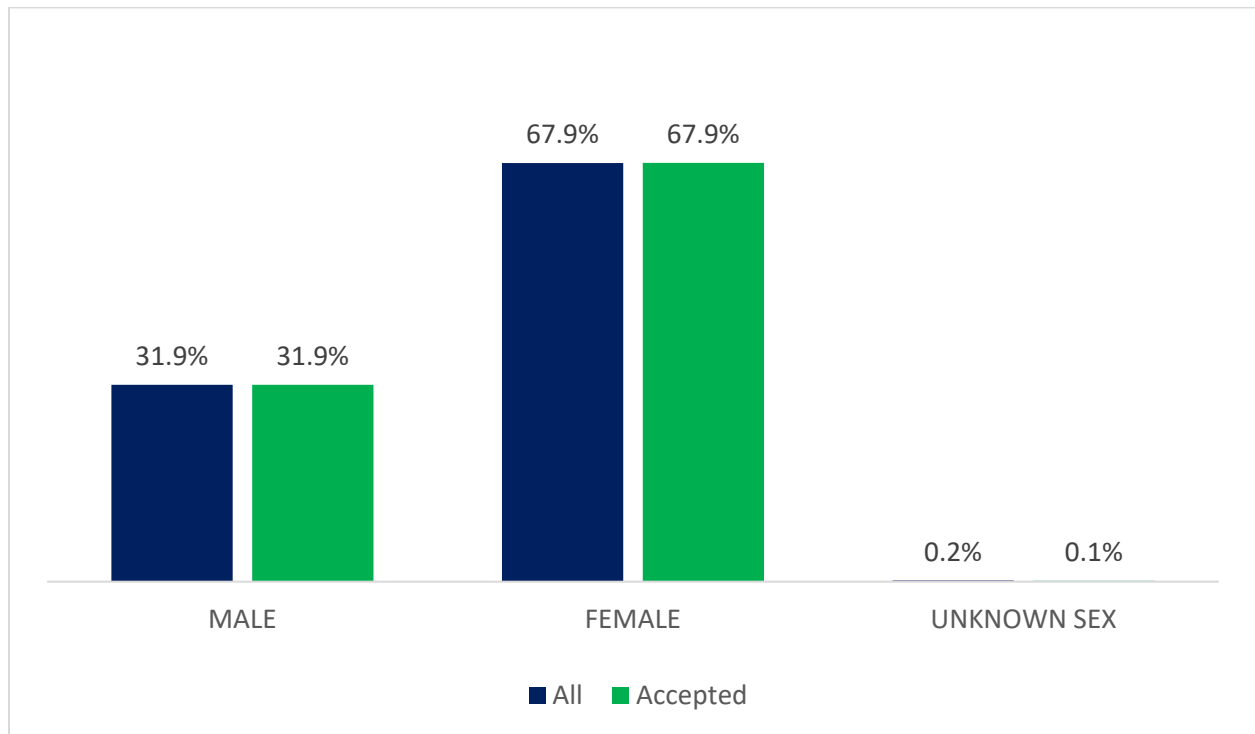


Figure 13: Percentage of Accepted PharmCAS Applicants by Age and Sex



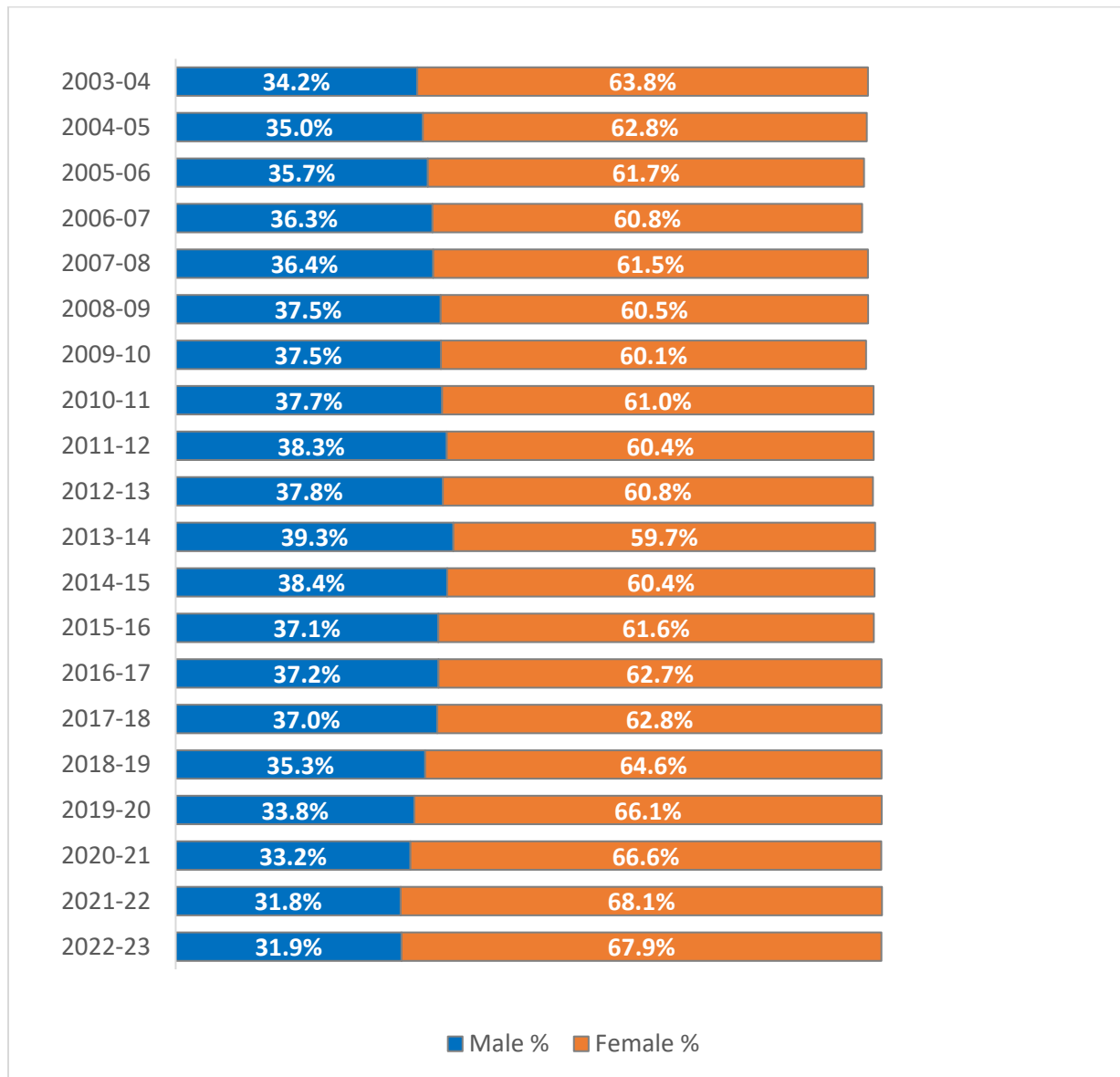
* The percentages in these graphs were calculated based on the total number of applicants in the 2022-2023 pools (all and accepted). Applicants who declined to report an age on the PharmCAS application are reported as "Age Unknown." Applicants who declined to report a sex are not represented in this graph.

Figure 14: Percentage of PharmCAS Applicants by Sex and Acceptance Status

* The percentages in the graph above were calculated based on the total number of applicants in each pool (accepted and all). Applicants who declined to report a sex on the PharmCAS application are reported as "Unknown Sex".

Figure 15: PharmCAS Applicants by Sex per Cycle (2004-2022)

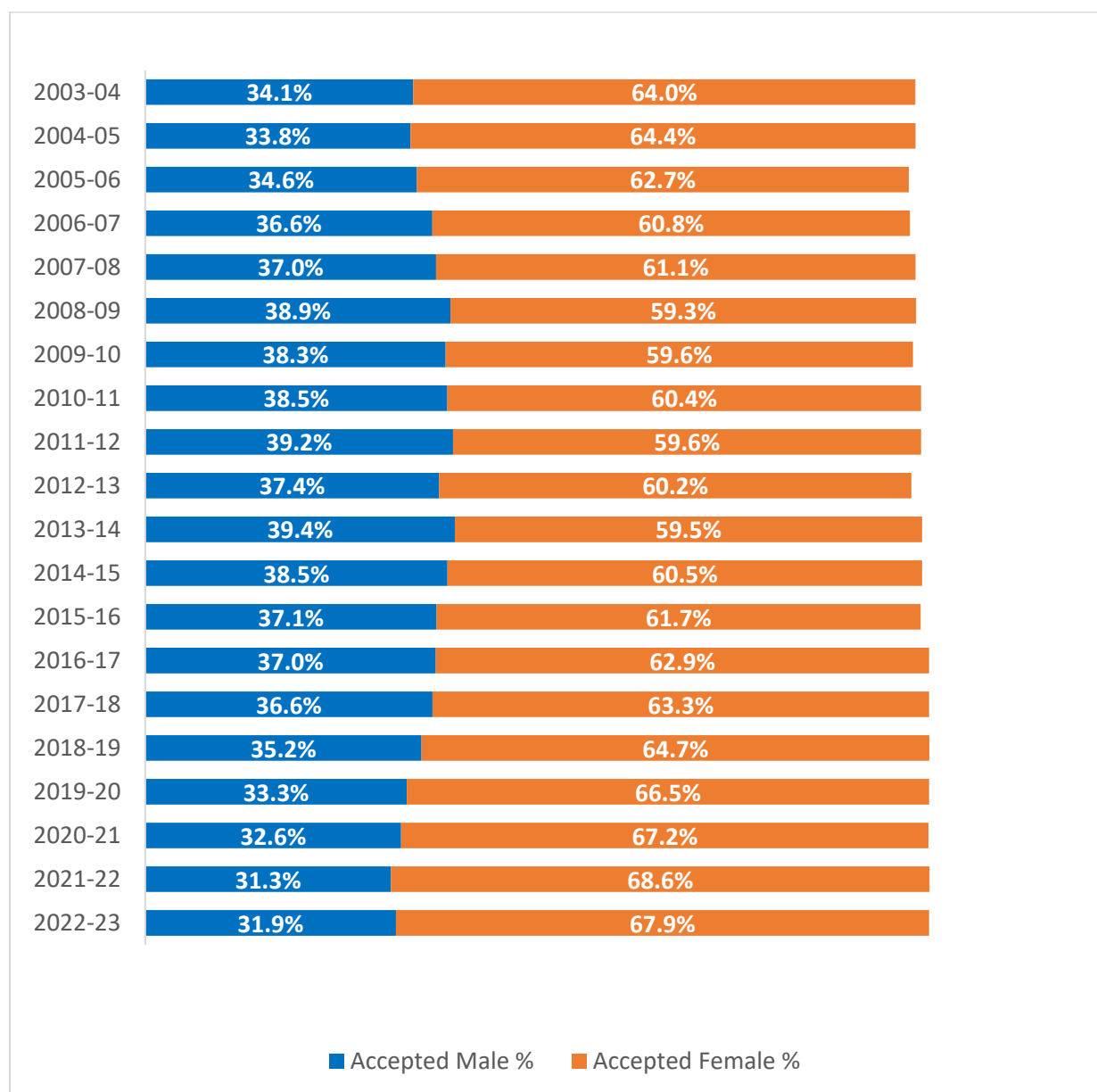
Cycle	Male	% of Total Pool	Female	% of Total Pool	Decline to State	% of Total Pool	Total
2003-04	4,689	34.2%	8,748	63.8%	285	2.1%	13,722
2004-05	5,047	35.0%	9,062	62.8%	324	2.2%	14,433
2005-06	5,224	35.7%	9,042	61.7%	384	2.6%	14,650
2006-07	5,402	36.3%	9,037	60.8%	430	2.9%	14,869
2007-08	5,795	36.4%	9,785	61.5%	328	2.1%	15,908
2008-09	6,089	37.5%	9,823	60.5%	334	2.1%	16,246
2009-10	6,503	37.5%	10,420	60.1%	405	2.3%	17,328
2010-11	6,578	37.7%	10,647	61.0%	226	1.3%	17,451
2011-12	6,674	38.3%	10,512	60.4%	219	1.3%	17,405
2012-13	6,659	37.8%	10,717	60.8%	241	1.4%	17,617
2013-14	6,767	39.3%	10,276	59.7%	321	1.9%	17,225
2014-15	6,476	38.4%	10,190	60.4%	192	1.1%	16,858
2015-16	6,080	37.1%	10,084	61.6%	205	1.3%	16,369
2016-17	6,024	37.2%	10,156	62.7%	24	0.1%	16,204
2017-18	5,880	37.0%	9,983	62.8%	23	0.1%	15,886
2018-19	5,411	35.3%	9,902	64.6%	22	0.1%	15,335
2019-20	4,724	33.8%	9,247	66.1%	17	0.1%	13,988
2020-21	4,426	33.2%	8,874	66.6%	24	0.2%	13,324
2021-22	3,571	31.8%	7,638	68.1%	10	0.1%	11,219
2022-23	3,586	31.9%	7,623	67.9%	18	0.2%	11,227

Figure 16: Percentage of PharmCAS Applicants by Sex per Cycle (2004-2023)

* Applicants who declined to report a sex are not represented in this graph.

Figure 17: Accepted PharmCAS Applicants by Sex per Cycle (2004-2023)

Cycle	Male	% of Accepted Pool	Female	% of Accepted Pool	Decline to State	% of Accepted Pool	Total
2003-04	1,599	34.1%	2,996	64.0%	88	1.9%	4,683
2004-05	1,544	33.8%	2,941	64.4%	85	1.9%	4,570
2005-06	1,707	34.6%	3,091	62.7%	134	2.7%	4,932
2006-07	1,993	36.6%	3,315	60.8%	140	2.6%	5,448
2007-08	2,438	37.0%	4,021	61.1%	122	1.9%	6,581
2008-09	3,176	38.9%	4,846	59.3%	146	1.8%	8,168
2009-10	3,615	38.3%	5,626	59.6%	206	2.2%	9,447
2010-11	4,014	38.5%	6,296	60.4%	119	1.1%	10,429
2011-12	4,236	39.2%	6,444	59.6%	124	1.1%	10,804
2012-13	4,585	37.4%	7,370	60.2%	292	2.4%	12,247
2013-14	4,906	39.4%	7,405	59.5%	127	1.0%	12,438
2014-15	5,038	38.5%	7,915	60.5%	133	1.0%	13,086
2015-16	4,832	37.1%	8,026	61.7%	157	1.2%	13,015
2016-17	4,880	37.0%	8,290	62.9%	17	0.1%	13,187
2017-18	4,808	36.6%	8,314	63.3%	17	0.1%	13,139
2018-19	4,473	35.2%	8,218	64.7%	17	0.1%	12,708
2019-20	4,047	33.3%	8,081	66.5%	15	0.1%	12,143
2020-21	3,755	32.6%	7,747	67.2%	18	0.2%	11,520
2021-22	3,037	31.3%	6,655	68.6%	8	0.1%	9,700
2022-23	3,111	31.9%	6,619	67.9%	13	0.1%	9,743

Figure 18: Percentage of Accepted PharmCAS Applicants by Sex per Cycle (2004-2023)

* Applicants who declined to report a sex are not represented in this graph.

GENDER IDENTITY

In addition to sex, PharmCAS began to capture gender identity for the first time in the 2021-2022 admission cycle. The optional item on the PharmCAS application states, *“We understand that your sex may not necessarily be binary. How do you describe your current gender identity? Select all that apply.”* The response options are: Female/Woman, Male/Man, Non-Binary/Third gender, Trans female/Trans woman, Trans male/Trans man, or Prefer to self-describe.

Figure 19: Percentage of PharmCAS Applicants by Age and Sex

Gender Identity	#	%
Female/Woman	7,165	63.82%
Male/Man	3,283	29.24%
Non-Binary/Third gender	29	0.26%
Trans female/Trans woman	3	0.03%
Trans male/Trans man	6	0.05%
Prefer to self-describe	4	0.04%
More than one gender	33	0.29%
No answer	704	6.27%
TOTAL	11,227	100.0%

RACE AND ETHNICITY

During the 2003-2004 (first) admissions cycle, applicants could select only one racial or ethnic category on the PharmCAS application. Applicants in the 2009-2010 cycle could select one or more racial or ethnic categories, and the “Hispanic/Latino” category was moved to a separate field. The “other” racial and ethnic category was eliminated in the 2009-2010 cycle.

Programs in PharmCAS can view all of the racial and ethnic designations for each application received. For this report only, applicants with multiple racial and ethnic categories selected are categorized as “Multiple”, unless otherwise indicated. Additional tables in this report reflect the total number of racial and ethnicity designations.

The number of “Hispanic/Latino” applicants in the following figures reflects all applicants who self-identified as Hispanic/Latino, regardless of race selected. There were 1,328 applicants who selected YES to the “race_hispanic” field and YES to at least one race field (as compared to 1,201 in the previous cycle). There were 346 applicants who selected YES to the “race_hispanic” field only and did not select a race field (as compared to 323 in the previous cycle).

Per the application, the “American Indian” category is inclusive of individuals who identify as “Alaska Native.” “Native Hawaiian” is inclusive of individuals who identify as “Other Pacific Islander.”

Figure 20: PharmCAS Applicants by Race and Ethnicity and Sex

RACE AND ETHNICITY	2022-2023 Applicants in PharmCAS							
	MALE		FEMALE		UNKNOWN		TOTAL	
	#	%	#	%	#	%	#	%
American Indian/Alaska Native	11	0.31%	17	0.22%	0	0.00%	28	0.25%
Hispanic/Latino	571	15.92%	1,102	14.46%	1	5.56%	1,674	14.91%
Asian	875	24.40%	1,769	23.21%	1	5.56%	2,645	23.56%
Black or African American	436	12.16%	985	12.92%	1	5.56%	1,422	12.67%
Native Hawaiian	6	0.17%	12	0.16%	0	0.00%	18	0.16%
White	1,482	41.33%	3,339	43.80%	7	38.89%	4,828	43.00%
Other	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Multiple	123	3.43%	242	3.17%	0	0.00%	365	3.25%
Did Not Report	82	2.29%	157	2.06%	8	44.44%	247	2.20%
TOTAL	3,586	100%	7,623	100%	18	100%	11,227	100%

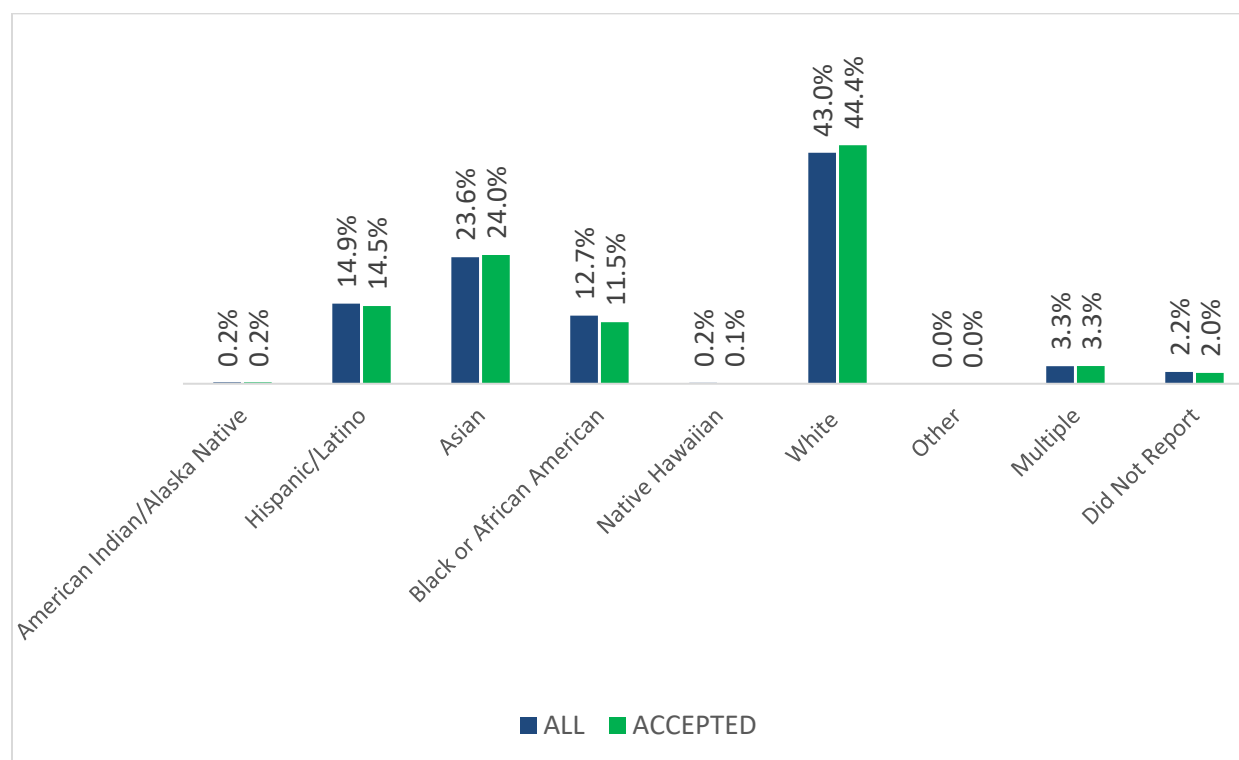
**Race and ethnicity categories in table are mutually exclusive. Each applicant is represented in only one category.*

Figure 21: Accepted PharmCAS Applicants by Race and Ethnicity and Sex

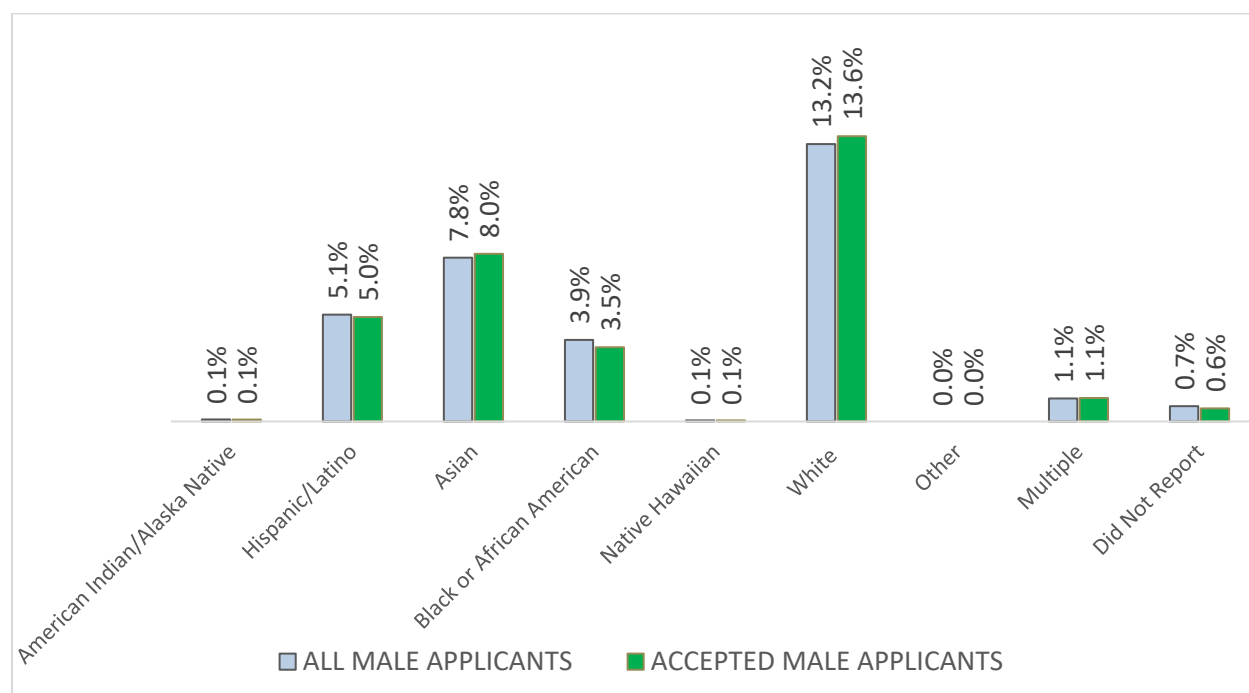
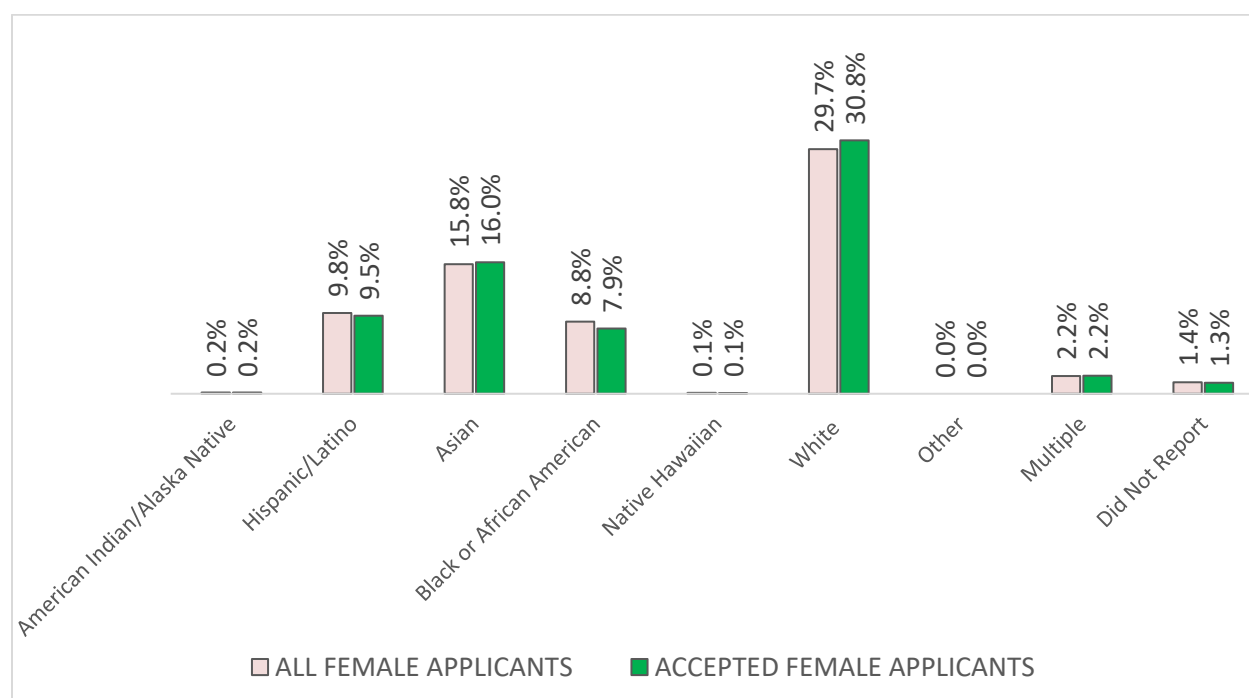
RACE AND ETHNICITY	2022-2023 Accepted Applicants in PharmCAS							
	MALE		FEMALE		UNKNOWN		TOTAL	
	#	%	#	%	#	%	#	%
American Indian/Alaska Native	9	0.29%	15	0.23%	0	0.00%	24	0.25%
Hispanic/Latino	484	15.56%	924	13.96%	1	7.69%	1,409	14.46%
Asian	777	24.98%	1,557	23.52%	1	7.69%	2,335	23.97%
Black or African American	344	11.06%	772	11.66%	0	0.00%	1,116	11.45%
Native Hawaiian	5	0.16%	7	0.11%	0	0.00%	12	0.12%
White	1,322	42.49%	3,001	45.34%	5	38.46%	4,328	44.42%
Other	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Multiple	109	3.50%	213	3.22%	0	0.00%	322	3.30%
Did Not Report	61	1.96%	130	1.96%	6	46.15%	197	2.02%
TOTAL	3,111	100%	6,619	100%	13	100%	9,743	100%

*Race and ethnicity categories in table are mutually exclusive. Each applicant is represented in only one race category.

Figure 22: PharmCAS Applicants by Race and Ethnicity and Acceptance Status



* Percentages were calculated based on the total number of applicants in each pool (all and accepted). Race and ethnicity categories in table are mutually exclusive.

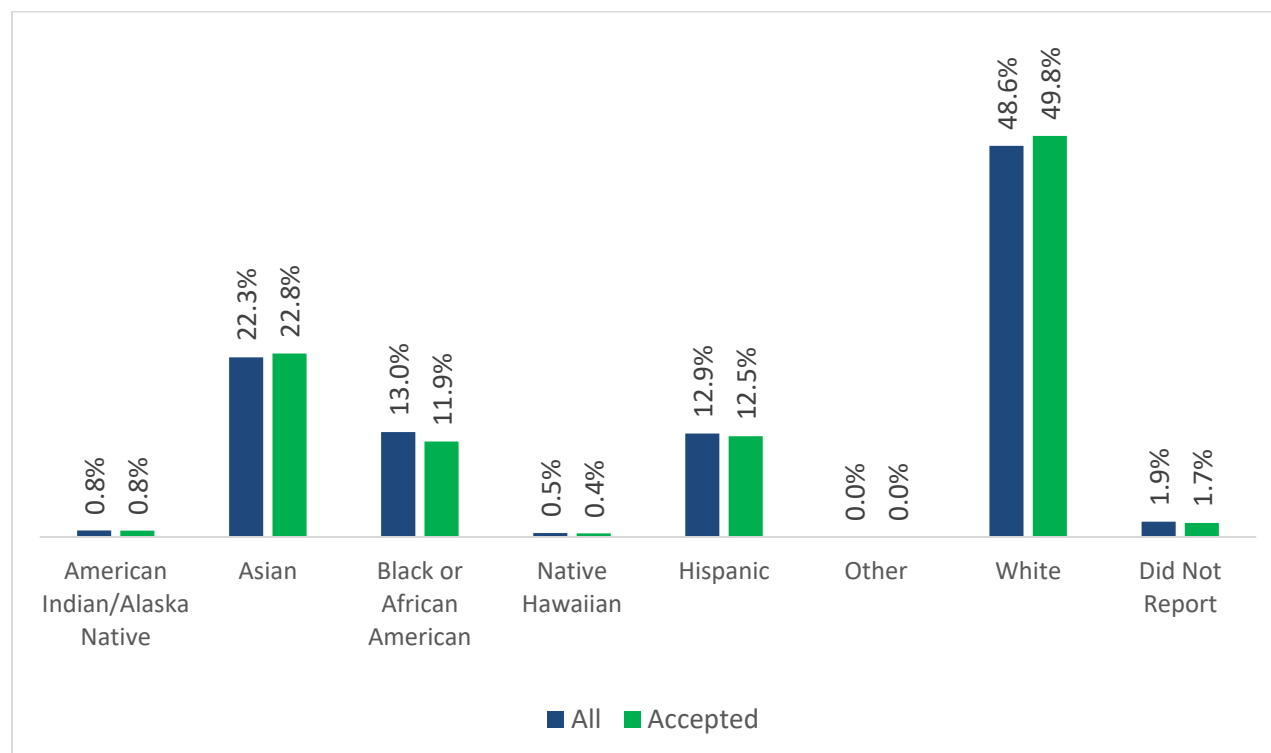
Figure 23: Percentage of MALE PharmCAS Applicants by Race and Acceptance Status**Figure 24: Percentage of FEMALE PharmCAS Applicants by Race and Acceptance Status**

* Percentages in the graphs above were calculated based on the total number of applicants in each pool (all and accepted). Race and ethnicity categories in table are mutually exclusive.

Figure 25: PharmCAS Applicants by All Race and Ethnicity Designations

Racial and ethnicity categories in the table and graph below are **not** mutually exclusive. Therefore, the report totals exceed the total number of PharmCAS applicants in each pool (all and accepted).

RACE AND ETHNICITY DESIGNATIONS	All Applicants		Accepted Applicants	
	#	%	#	%
American Indian/Alaska Native	106	0.8%	90	0.8%
Asian	2,906	22.3%	2,567	22.8%
Black or African American	1,698	13.0%	1,336	11.9%
Native Hawaiian	64	0.5%	50	0.4%
Hispanic/Latino	1,674	12.9%	1,409	12.5%
Other	0	0.0%	0	0.0%
White	6,327	48.6%	5,610	49.8%
Did Not Report	247	1.9%	197	1.7%
Total	13,022	100%	11,259	100%

Figure 26: Percentage of PharmCAS Applicants by Race Designations and Acceptance Status

* Racial and ethnicity categories in graph are **not** mutually exclusive.

Figure 27: Percentage of PharmCAS Applicants by Race Designations and State

Permanent State of Residency	White	Asian	Hispanic/Latino	Black or African American	American Indian/Alaska Native	Hawaiian/Pacific Islander
Alabama	71.3%	8.2%	4.1%	15.8%	0.6%	
Alaska	50.0%	28.6%	14.3%		7.1%	
Arizona	50.9%	18.8%	19.5%	6.9%	4.0%	
Arkansas	62.9%	15.0%	2.1%	17.1%	2.1%	0.7%
California	26.2%	54.4%	11.9%	5.6%	0.5%	1.4%
Colorado	52.6%	19.7%	15.8%	10.5%		1.3%
Connecticut	57.4%	26.2%	4.1%	12.3%		
Delaware	34.6%	42.3%	3.8%	19.2%		
District of Columbia	12.5%	25.0%	25.0%	37.5%		
Florida	44.5%	13.7%	23.0%	18.3%	0.2%	0.3%
Georgia	43.1%	19.5%	5.5%	30.8%	0.7%	0.2%
Hawaii	12.5%	62.5%	3.8%	2.5%	1.3%	17.5%
Idaho	65.0%	13.3%	15.0%	5.0%	1.7%	
Illinois	52.6%	25.7%	9.2%	12.1%	0.2%	0.2%
Indiana	72.2%	13.9%	4.6%	8.9%	0.3%	
Iowa	74.6%	14.3%	4.8%	5.6%		0.8%
Kansas	63.2%	22.6%	5.7%	8.5%		
Kentucky	84.9%	8.6%	0.5%	5.4%	0.5%	
Louisiana	51.8%	9.1%	6.7%	29.9%	2.4%	
Maine	74.5%	14.9%	4.3%	6.4%		
Maryland	29.4%	25.5%	4.9%	39.7%	0.5%	
Massachusetts	43.9%	29.2%	7.4%	19.2%	0.4%	
Michigan	72.7%	17.1%	2.8%	6.6%	0.5%	0.2%
Minnesota	66.7%	22.0%	1.4%	8.5%	1.4%	
Mississippi	48.1%	10.9%	0.8%	36.4%	3.1%	0.8%
Missouri	69.7%	14.1%	4.5%	11.1%		0.5%
Montana	86.2%	6.9%	6.9%			
Nebraska	76.6%	7.8%	9.1%	6.5%		
Nevada	44.6%	32.4%	12.2%	9.5%		1.4%
New Hampshire	63.2%	23.7%	7.9%	5.3%		
New Jersey	43.5%	28.8%	9.8%	17.5%	0.4%	
New Mexico	48.4%	11.8%	36.6%	3.2%		
New York	49.8%	32.8%	6.1%	10.4%	0.7%	0.1%
North Carolina	54.9%	17.6%	7.1%	18.3%	2.0%	
North Dakota	33.3%			66.7%		

Permanent State of Residency	White	Asian	Hispanic/Latino	Black or African American	American Indian/Alaska Native	Hawaiian/Pacific Islander
Ohio	73.8%	11.7%	3.7%	10.6%	0.2%	
Oklahoma	53.8%	14.0%	5.4%	11.8%	15.1%	
Oregon	52.5%	31.1%	8.2%	3.3%	2.5%	2.5%
Pennsylvania	58.5%	27.5%	3.1%	10.9%		
Puerto Rico	39.4%		50.6%	9.0%	0.6%	0.3%
Rhode Island	70.6%	17.6%	5.9%	5.9%		
South Carolina	54.0%	14.0%	6.5%	24.0%	1.0%	0.5%
South Dakota	85.7%	7.1%			7.1%	
Tennessee	63.2%	14.1%	4.1%	17.8%	0.4%	0.4%
Texas	39.5%	15.6%	27.0%	16.5%	0.9%	0.3%
Utah	75.3%	14.3%	9.1%	1.3%		
Vermont	85.7%	14.3%				
Virginia	56.2%	17.8%	7.8%	17.8%	0.5%	
Washington	45.4%	37.6%	8.8%	3.9%	2.9%	1.5%
West Virginia	73.2%	14.3%	1.8%	5.4%	3.6%	1.8%
Wisconsin	74.0%	15.9%	4.8%	4.3%	0.5%	0.5%
Wyoming	78.6%		14.3%	3.6%	3.6%	
All Applicants in PharmCAS	48.6%	22.3%	12.9%	13.0%	0.8%	0.5%

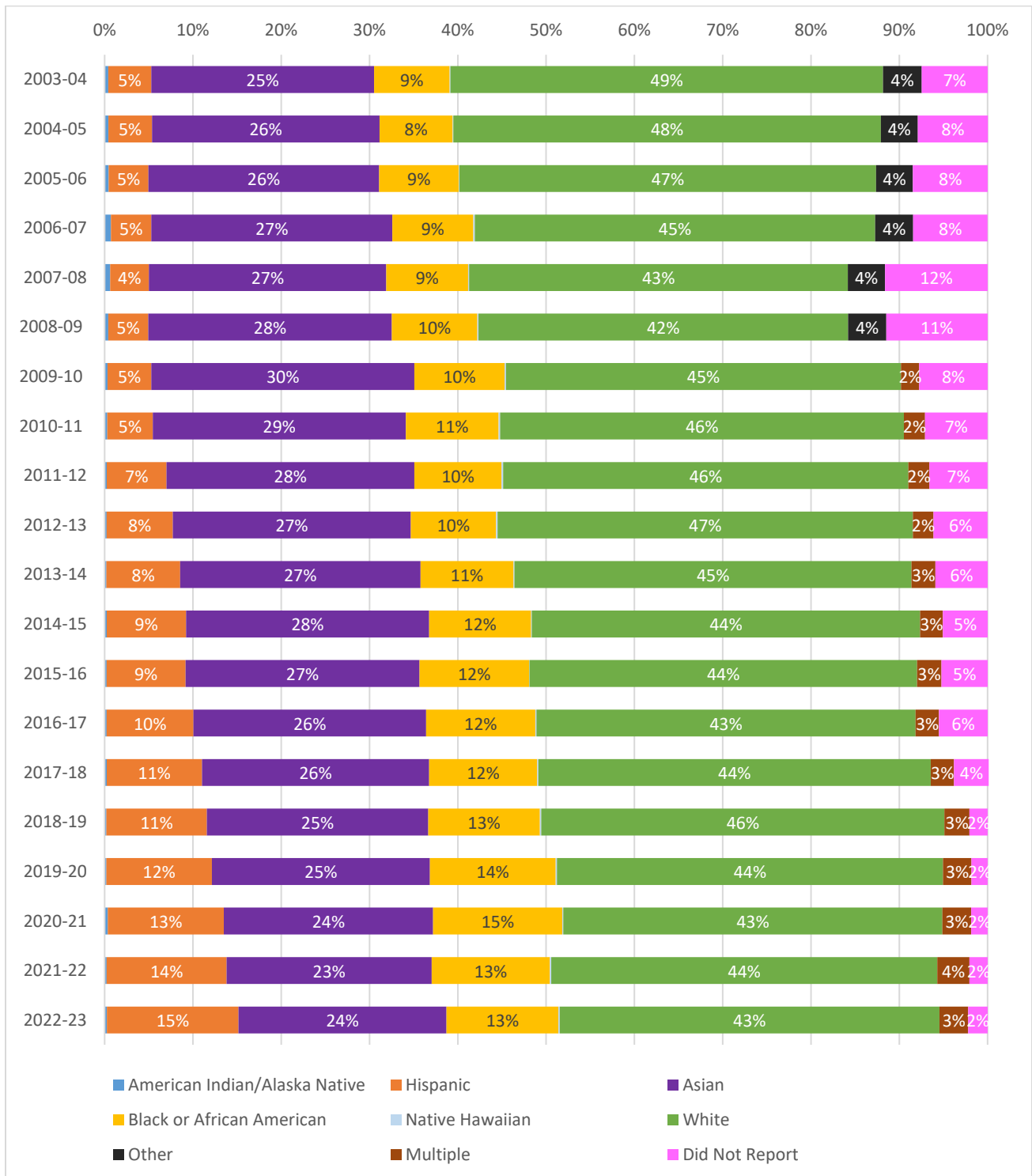
**Racial and ethnicity categories in the table are not mutually exclusive. Percentages were calculated based on the total number of race designations per permanent state of residency in the Citizenship block. Applicants with a permanent address in other locations (e.g., international) or declined to report a race or ethnicity on the PharmCAS application are not represented in this table. The table does not reflect the state of the applicants' selected pharmacy schools. Total percentages at the bottom of the table reflect the race designation percentages for all applicants in Figure 25.*

Figure 28: PharmCAS Applicants by Race and Ethnicity per Cycle (2004-2023)

Cycle	American Indian/ Alaska Native	Hispanic/ Latino	Asian	Black/ African American	Native Hawaiian	White	Other	Multiple	Did Not Report
2003-04	0.41%	4.87%	25.24%	8.55%	0.09%	49.00%	4.38%		7.46%
2004-05	0.42%	4.95%	25.76%	8.29%	0.07%	48.42%	4.19%		7.93%
2005-06	0.46%	4.50%	26.13%	9.01%	0.08%	47.19%	4.17%		8.47%
2006-07	0.71%	4.58%	27.29%	9.18%	0.16%	45.35%	4.30%		8.42%
2007-08	0.62%	4.39%	26.89%	9.27%	0.11%	42.89%	4.21%		11.62%
2008-09	0.41%	4.53%	27.59%	9.68%	0.13%	41.86%	4.33%		11.47%
2009-10	0.33%	4.95%	29.80%	10.22%	0.16%	44.74%		2.06%	7.75%
2010-11	0.29%	5.17%	28.66%	10.50%	0.17%	45.73%		2.40%	7.07%
2011-12	0.24%	6.76%	28.07%	9.88%	0.18%	45.89%		2.40%	6.57%
2012-13	0.22%	7.50%	26.95%	9.67%	0.17%	47.03%		2.34%	6.11%
2013-14	0.20%	8.35%	27.23%	10.53%	0.11%	44.97%		2.71%	5.91%
2014-15	0.24%	8.97%	27.53%	11.56%	0.07%	43.98%		2.59%	5.07%
2015-16	0.22%	8.94%	26.50%	12.41%	0.05%	43.89%		2.77%	5.22%
2016-17	0.23%	9.83%	26.35%	12.37%	0.12%	42.94%		2.65%	5.50%
2017-18	0.24%	10.79%	25.72%	12.24%	0.13%	44.43%		2.65%	3.93%
2018-19	0.20%	11.37%	25.09%	12.64%	0.15%	45.67%		2.83%	2.06%
2019-20	0.20%	11.95%	24.69%	14.25%	0.14%	43.73%		3.22%	1.82%
2020-21	0.36%	13.14%	23.69%	14.64%	0.11%	42.94%		3.27%	1.85%
2021-22	0.23%	13.58%	23.22%	13.39%	0.15%	43.73%		3.65%	2.05%
2022-23	0.25%	14.91%	23.56%	12.67%	0.16%	43.00%		3.25%	2.20%

* Percentages were calculated based on the total number of PharmCAS applicants in the pool. Race and ethnicity categories in the table are mutually exclusive. The 2022-2023 data can also be found in Figure 20.

Figure 29: Percentage of PharmCAS Applicants by Race and Ethnicity per Cycle (2004-2023)



* Percentages were calculated based on the total number of PharmCAS applicants in the pool. Race and ethnicity categories in the table are mutually exclusive. Trend data is also available in Figure 28. The 2022-2023 data can also be found in Figure 20.

DISADVANTAGED STATUS

Beginning in the 2019-2020 admissions cycle, PharmCAS used the socioeconomic status (SES) of an applicant's parents/guardians to produce Education Occupation (EO) indicator scores. The EO indicator is derived from an applicant's parental/guardian education and occupation information. Four education levels and two aggregate groups of occupations provide the schema that is used to determine the EO indicator for each parent/guardian. The lowest socioeconomic group is EO-2 and the highest is EO-6. If the Parental Education and/or Occupation Data for a parent is not reported, then no EO score is calculated. Additional information about the EO indicator is available in the PharmCAS School Manual.

- EO 6 Very High SES
- EO 5 High SES
- EO 4 Moderate SES
- EO 3 Low SES
- EO 2 Very Low SES

Figure 30: PharmCAS Applicants by Education Occupation (EO) Status

Education Occupation (EO) Status	All Applicants		Accepted Applicants	
	#	%	#	%
# of Applicants without an EO Score	3,922	34.93%	3,210	32.95%
# of Applicants with an EO Score	7,305	65.07%	6,533	67.05%
Mean EO Score	4.2		4.3	
Median EO Score	4.5		4.5	
Total	11,227	100%	9,743	100%

** Only those applicants with one or more parental/guardian EO indicator scores calculated by PharmCAS were included in the calculations. If PharmCAS calculated more than one parental/guardian EO indicator per applicant, the scores were averaged.*

Figure 31: Economically Disadvantaged Applicants

Economic Disadvantaged Status	All	% of Total Pool	Accepted	% of Accepted Pool
Your parent's family income falls within the table's guidelines and you are considered to have met the criteria for economically disadvantaged.	2,681	23.90%	2,250	23.20%

Figure 32: Environmentally Disadvantaged Applicants

Environmental Disadvantaged Status	All	% of Total Pool	Accepted	% of Accepted Pool
I graduated from a high school from which a low percentage of seniors received a high school diploma.	568	5.06%	473	4.85%
I graduated from a high school at which many of the enrolled students are eligible for free or reduced price lunches.	3,606	32.12%	3,136	32.19%
I am from a family that receives public assistance (e.g., Aid to Families with Dependent Children, food stamps, Medicaid, public housing).	1,732	15.43%	1,463	15.02%
I am from a family that lives in an area that is designated as a Health Professional Shortage Area, or a Medically Underserved Area.	888	7.91%	769	7.89%
I participated in an academic enrichment program funded in whole or in part by the Health Careers Opportunity Program	164	1.46%	135	1.39%
I am from a school district where 50% or less of graduates go to college or where college education is not encouraged.	1,071	9.54%	920	9.44%
I am the first generation in my family to attend college (neither my mother nor my father attended college).	2,934	26.13%	2,507	25.73%
English is not my primary language.	1,765	15.72%	1,457	14.95%
Applicants reporting at least one disadvantage	6,179	55.04%	5,283	54.22%

**Data regarding environmentally disadvantaged applicants are based on self-reported responses in the PharmCAS application. Applicants in PharmCAS could select one or more disadvantaged statuses. The disadvantaged categories are not mutually exclusive. Therefore, applicants may be represented in more than one category. Applicants were not required to use search tools to determine if they actually met the federal government's definition of disadvantaged (e.g., geographic location of the applicants high school being in a medically underserved area/population (MUA/P) or health professions shortage area (HPSA) data related to their high schools college bound rate).*

CITIZENSHIP

Figure 33: PharmCAS Applicants by Citizenship Status

Citizenship Status	All Applicants		Accepted Applicants	
	#	%	#	%
U.S. Citizen	10,124	90.18%	8,880	91.14%
Permanent U.S. Resident	540	4.81%	423	4.34%
Temporary U.S. Resident	86	0.77%	73	0.75%
Non Resident	279	2.49%	216	2.22%
None	198	1.76%	151	1.55%
Did Not Report	0	0.00%	0	0.00%
Total	11,227	100%	9,743	100%

Figure 34: Percentage of PharmCAS Applicants by Citizenship Status

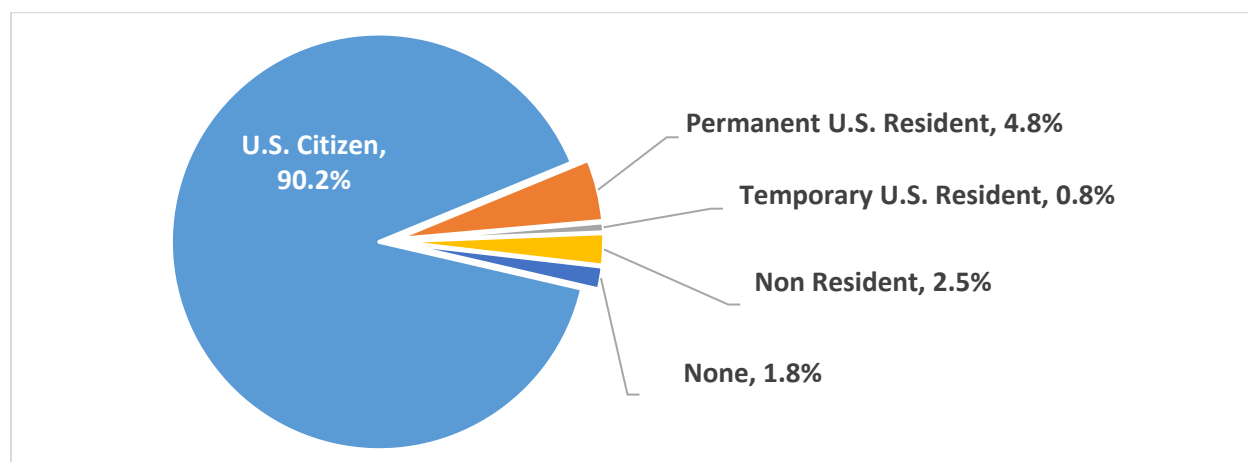
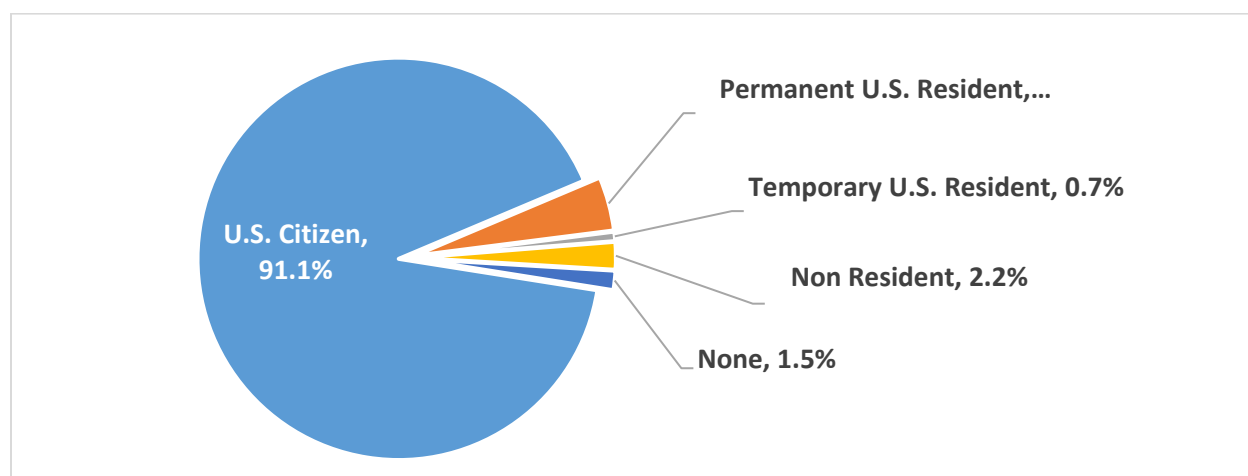


Figure 35: Percentage of Accepted PharmCAS Applicants by Citizenship Status



PERMANENT STATE OF RESIDENCY

Report reflects the number of applicants per permanent state/province of residency using the State field in the Permanent Address section of the PharmCAS application. The AACP Profile of Pharmacy Students (PPS) report is populated by the Application Pool Survey report, which calculates the total number of in-state applicants per school using the Legal State of Residence field found in the Citizenship section of the application.

Figure 36: PharmCAS Applicants by Permanent State of Residency and Acceptance Status

State or Province	ALL APPLICANTS				ACCEPTED APPLICANTS			
	2021-22	2022-2023			2021-22	2022-2023		
	#	#	%	% Change	#	#	%	% Change
Alabama	225	161	1.43%	-28%	216	142	1.46%	-34%
Alaska	17	11	0.10%	-35%	16	11	0.11%	-31%
American Samoa								
Arizona	255	229	2.04%	-10%	217	198	2.03%	-9%
Arkansas	89	135	1.20%	52%	78	124	1.27%	59%
AF Europe, Africa, Canada, Middle East	1			-100%				
AF Pacific								
California	1,232	1090	9.71%	-12%	1,116	984	10.10%	-12%
Colorado	130	133	1.18%	2%	112	116	1.19%	4%
Connecticut	142	121	1.08%	-15%	115	97	1.00%	-16%
Delaware	24	26	0.23%	8%	20	25	0.26%	25%
District of Columbia	4	5	0.04%	25%	3	3	0.03%	0%
Florida	780	785	6.99%	1%	663	655	6.72%	-1%
Georgia	373	386	3.44%	3%	324	352	3.61%	9%
Guam	5	8	0.07%	60%	5	8	0.08%	60%
Hawaii	49	57	0.51%	16%	45	54	0.55%	20%
Idaho	52	49	0.44%	-6%	49	47	0.48%	-4%
Illinois	519	479	4.27%	-8%	446	407	4.18%	-9%
Indiana	240	285	2.54%	19%	201	244	2.50%	21%
International	356	353	3.14%	-1%	268	253	2.60%	-6%
Iowa	123	113	1.01%	-8%	109	103	1.06%	-6%
Kansas	116	100	0.89%	-14%	100	94	0.96%	-6%
Kentucky	182	186	1.66%	2%	169	175	1.80%	4%
Louisiana	183	149	1.33%	-19%	155	126	1.29%	-19%
Maine	23	47	0.42%	104%	21	44	0.45%	110%
Maryland	200	190	1.69%	-5%	167	156	1.60%	-7%

State or Province	All Applicants				Accepted Applicants			
	2021-22	2022-2023			2021-22	2022-2023		
	#	#	%	% Change	#	#	%	% Change
Massachusetts	168	273	2.43%	63%	137	227	2.33%	66%
Michigan	415	413	3.68%	0%	361	359	3.68%	-1%
Minnesota	191	139	1.24%	-27%	167	122	1.25%	-27%
Mississippi	144	119	1.06%	-17%	126	98	1.01%	-22%
Missouri	163	189	1.68%	16%	140	166	1.70%	19%
Montana	39	27	0.24%	-31%	39	27	0.28%	-31%
Nebraska	54	70	0.62%	30%	46	63	0.65%	37%
Nevada	74	63	0.56%	-15%	68	52	0.53%	-24%
New Hampshire	22	33	0.29%	50%	22	26	0.27%	18%
New Jersey	240	265	2.36%	10%	203	233	2.39%	15%
New Mexico	86	64	0.57%	-26%	72	57	0.59%	-21%
New York	575	661	5.89%	15%	515	564	5.79%	10%
North Carolina	248	269	2.40%	8%	221	243	2.49%	10%
North Dakota	36	4	0.04%	-89%	35	3	0.03%	-91%
Northern Mariana Islands								
Ohio	343	420	3.74%	22%	310	400	4.11%	29%
Oklahoma	77	79	0.70%	3%	65	68	0.70%	5%
Oregon	106	99	0.88%	-7%	98	93	0.95%	-5%
Other/Unknown	21	30	0.27%	43%	10	21	0.22%	110%
Pennsylvania	318	369	3.29%	16%	288	339	3.48%	18%
Puerto Rico	372	436	3.88%	17%	286	336	3.45%	17%
Rhode Island	12	16	0.14%	33%	7	14	0.14%	100%
South Carolina	201	179	1.59%	-11%	166	157	1.61%	-5%
South Dakota	10	13	0.12%	30%	8	10	0.10%	25%
Tennessee	215	253	2.25%	18%	179	217	2.23%	21%
Texas	970	913	8.13%	-6%	803	781	8.02%	-3%
US Minor Outlying Islands	2	1	0.01%		2	1	0.01%	
Utah	91	72	0.64%	-21%	83	62	0.64%	-25%
Vermont	9	6	0.05%	-33%	8	6	0.06%	-25%
Virgin Islands		1	0.01%			1	0.01%	
Virginia	218	198	1.76%	-9%	190	171	1.76%	-10%
Washington	176	181	1.61%	3%	157	164	1.68%	4%
West Virginia	65	54	0.48%	-17%	62	46	0.47%	-26%
Wisconsin	218	196	1.75%	-10%	195	177	1.82%	-9%
Wyoming	20	24	0.21%	20%	16	21	0.22%	31%
Did Not Report	0	0	0.00%		0	0	0.00%	
TOTAL	11,219	11,227	100%	0.1%	9,700	9,743	100%	0.4%

Figure 37: Permanent State of Residency of PharmCAS Applicants Sorted by Volume

Rank	State or Province	#	%
1	California	1,090	9.71%
2	Texas	913	8.13%
3	Florida	785	6.99%
4	New York	661	5.89%
5	Illinois	479	4.27%
6	Puerto Rico	436	3.88%
7	Ohio	420	3.74%
8	Michigan	413	3.68%
9	Georgia	386	3.44%
10	Pennsylvania	369	3.29%
11	International	353	3.14%
12	Indiana	285	2.54%
13	Massachusetts	273	2.43%
14	North Carolina	269	2.40%
15	New Jersey	265	2.36%
16	Tennessee	253	2.25%
17	Arizona	229	2.04%
18	Virginia	198	1.76%
19	Wisconsin	196	1.75%
20	Maryland	190	1.69%
21	Missouri	189	1.68%
22	Kentucky	186	1.66%
23	Washington	181	1.61%
24	South Carolina	179	1.59%
25	Alabama	161	1.43%
26	Louisiana	149	1.33%
27	Minnesota	139	1.24%
28	Arkansas	135	1.20%
29	Colorado	133	1.18%
30	Connecticut	121	1.08%
31	Mississippi	119	1.06%
32	Iowa	113	1.01%
33	Kansas	100	0.89%
34	Oregon	99	0.88%
35	Oklahoma	79	0.70%
36	Utah	72	0.64%
37	Nebraska	70	0.62%
38	New Mexico	64	0.57%
39	Nevada	63	0.56%
40	Hawaii	57	0.51%

41	West Virginia	54	0.48%
42	Idaho	49	0.44%
43	Maine	47	0.42%
44	New Hampshire	33	0.29%
45	Other/Unknown	30	0.27%
46	Montana	27	0.24%
47	Delaware	26	0.23%
48	Wyoming	24	0.21%
49	Rhode Island	16	0.14%
50	South Dakota	13	0.12%
51	Alaska	11	0.10%
52	Guam	8	0.07%
53	Vermont	6	0.05%
54	District of Columbia	5	0.04%
55	North Dakota	4	0.04%
56	United States Minor Outlying Islands	1	0.01%
57	Virgin Islands, U.S.	1	0.01%
58	Did Not Report	0	0.00%
59	American Samoa		
60	Armed Forces Europe, Africa, Canada, Middle East		
61	Armed Forces Pacific		
62	Northern Mariana Islands		

** Percentages were calculated based on the total number of PharmCAS applicants in the pool. Each applicant is represented in only one state, province, or territory.*

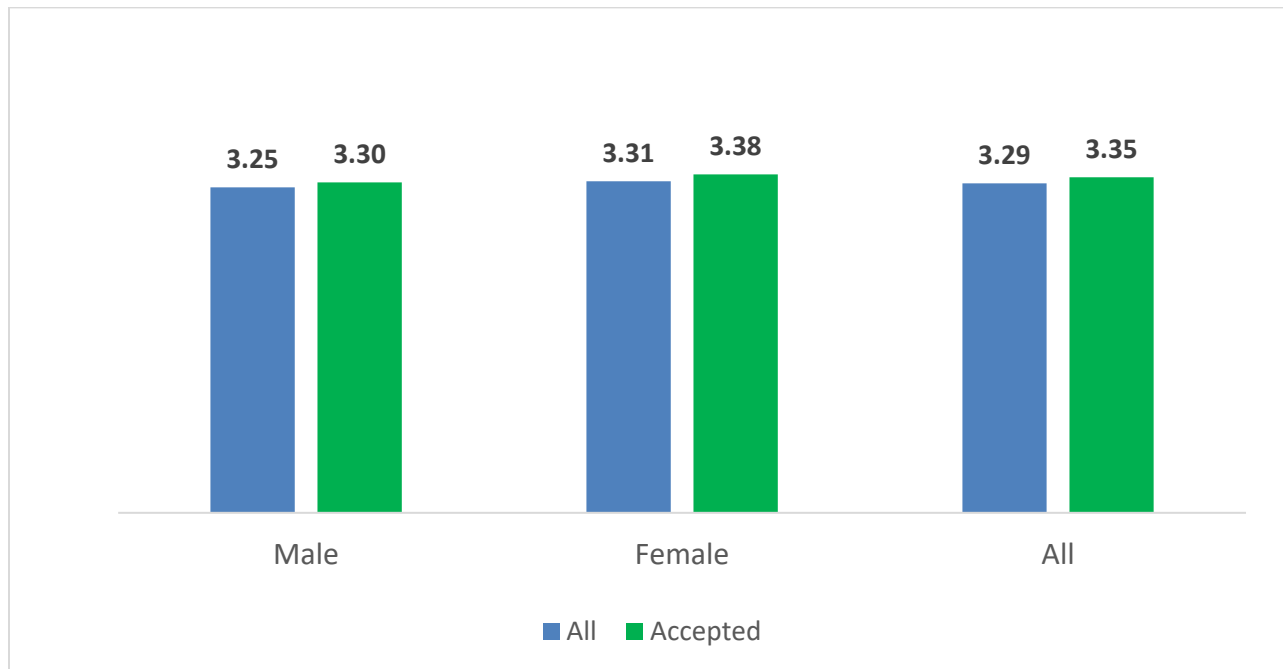
GRADE POINT AVERAGES (GPAS)

PharmCAS calculates standardized grade point averages (GPAs) to help participating programs evaluate applicants using uniform and consistent criteria, regardless of different institutional transcript policies. PharmCAS GPAs are automatically generated by the system and are likely to be different from those calculated by the colleges and universities attended due to the grade standardization process. PharmCAS includes initial and repeated coursework in its GPA calculations using a 4.0 semester-based scale.

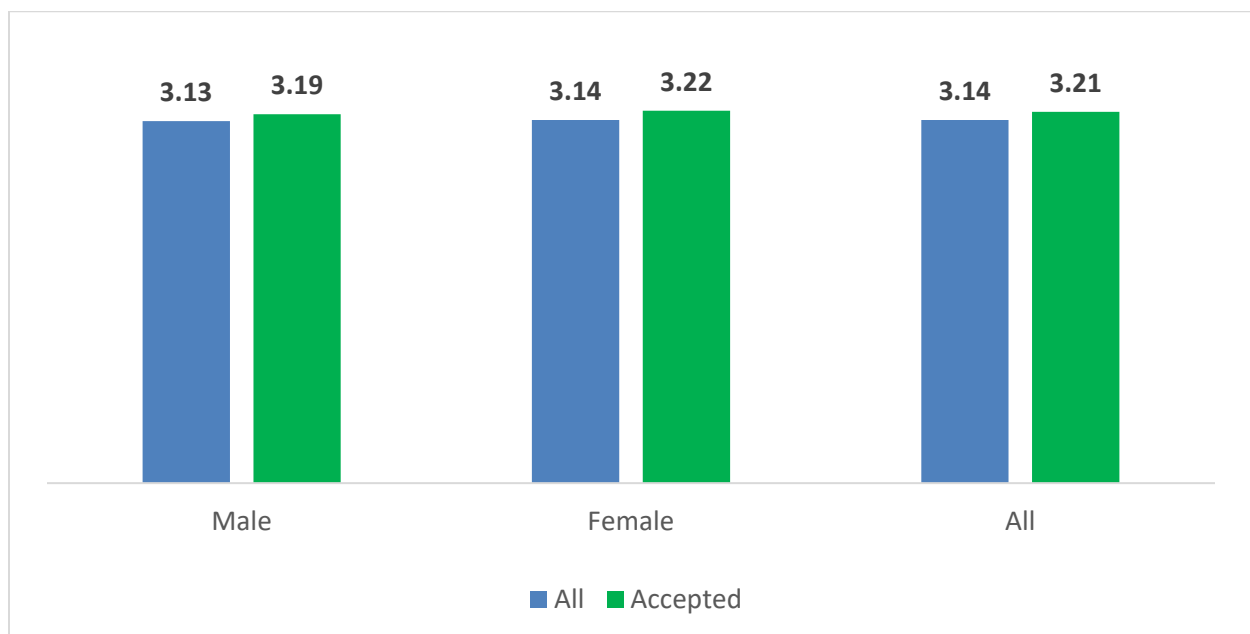
Figure 38: PharmCAS GPAs by Sex and Acceptance Status

PharmCAS GPAs	ALL APPLICANTS				ACCEPTED APPLICANTS			
	Male	Female	Unknown	All	Male	Female	Unknown	All
Freshman	3.27	3.37	3.11	3.34	3.31	3.43	3.15	3.39
Sophomore	3.21	3.27	3.13	3.25	3.26	3.34	3.18	3.31
Junior	3.16	3.21	3.33	3.19	3.22	3.27	3.43	3.26
Senior	3.21	3.24	3.47	3.23	3.26	3.30	3.48	3.29
Post-Baccalaureate	3.47	3.35	3.33	3.39	3.51	3.40	3.48	3.44
Graduate	3.27	3.30	3.71	3.29	3.37	3.36	3.71	3.36
Cumulative Undergraduate	3.25	3.31	3.21	3.29	3.30	3.38	3.27	3.35
Freshman Math	3.16	3.25	3.26	3.22	3.20	3.31	3.39	3.28
Sophomore Math	3.09	3.15	2.55	3.13	3.15	3.23	2.72	3.20
Junior Math	3.06	3.09	3.08	3.08	3.14	3.17	3.08	3.16
Senior Math	3.07	3.12	3.25	3.10	3.13	3.21	3.33	3.18
Post-Baccalaureate Math	3.47	3.32	2.00	3.36	3.53	3.39	2.00	3.43
Cumulative Undergrad Math	3.16	3.22	3.06	3.20	3.22	3.30	3.17	3.27
Graduate Math	3.45	3.40		3.42	3.51	3.47		3.48
Overall Math	3.17	3.22	3.06	3.21	3.22	3.30	3.17	3.27
Freshman Non-Science	3.34	3.47	3.26	3.43	3.38	3.52	3.22	3.48
Sophomore Non-Science	3.38	3.47	3.33	3.44	3.43	3.53	3.35	3.5
Junior Non-Science	3.40	3.48	3.47	3.45	3.46	3.53	3.43	3.51
Senior Non-Science	3.45	3.52	3.57	3.50	3.50	3.57	3.54	3.54
Post-Baccalaureate Non-Sci	3.62	3.51	2.21	3.54	3.65	3.56	2.21	3.59
Cum Undergrad Non-Science	3.40	3.49	3.37	3.46	3.44	3.55	3.37	3.52
Graduate Non-Science	3.49	3.53	3.78	3.52	3.58	3.58	3.78	3.58
Overall Non-Science	3.40	3.49	3.38	3.46	3.45	3.55	3.37	3.52
Freshman Science	3.14	3.19	2.74	3.17	3.19	3.26	2.91	3.23
Sophomore Science	3.06	3.08	2.96	3.07	3.12	3.15	3.04	3.14
Junior Science	3.03	3.04	3.12	3.04	3.08	3.12	3.23	3.11
Senior Science	3.10	3.10	3.35	3.10	3.16	3.17	3.34	3.17
Post-Baccalaureate Science	3.42	3.29	3.45	3.34	3.47	3.35	3.64	3.39
Cum Undergrad Science	3.12	3.14	3.01	3.13	3.19	3.21	3.13	3.20
Graduate Science	3.23	3.21	3.30	3.22	3.32	3.27	3.30	3.29
Overall Science	3.13	3.14	3.01	3.14	3.19	3.22	3.13	3.21
Overall	3.25	3.31	3.22	3.29	3.31	3.38	3.27	3.35

* *Bolded items are also referenced in one or more of the subsequent GPA tables in this report.*

Figure 39: Mean Cumulative Undergraduate GPA for PharmCAS Applicants

* GPA data for applicants with unknown sex are excluded from the graph. Data reflects the Cumulative Undergraduate GPA in Figure 38.

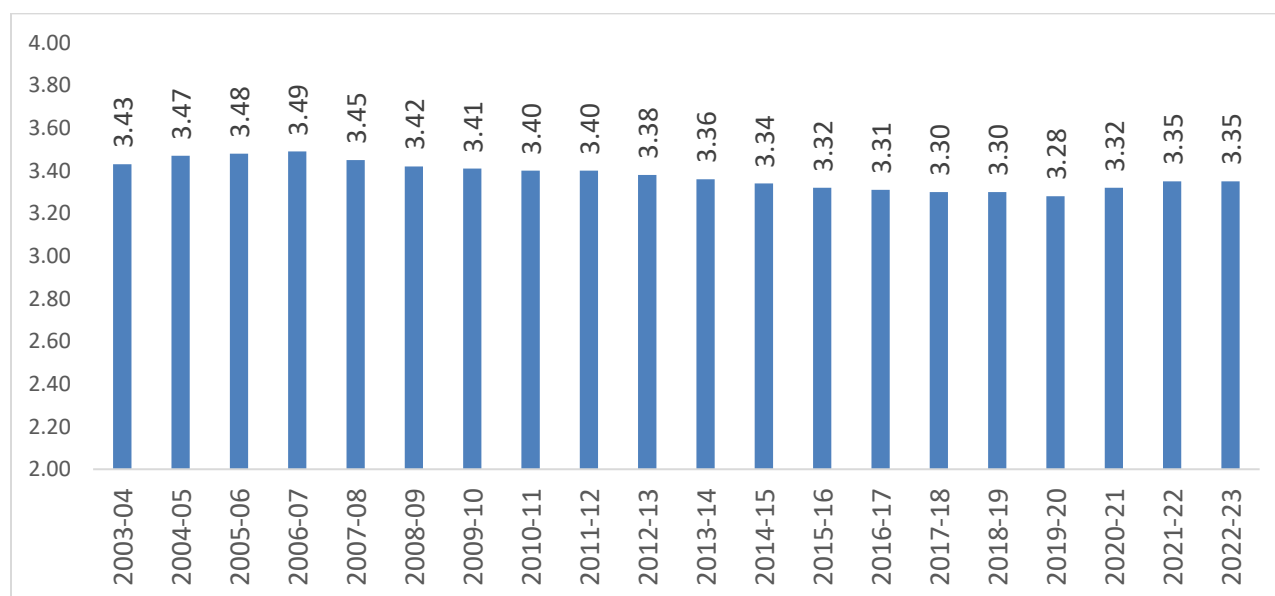
Figure 40: Mean Overall Science GPA for PharmCAS Applicants

* GPA data for applicants with unknown sex are excluded from the graph. Data reflects the Overall Science GPA in Figure 38.

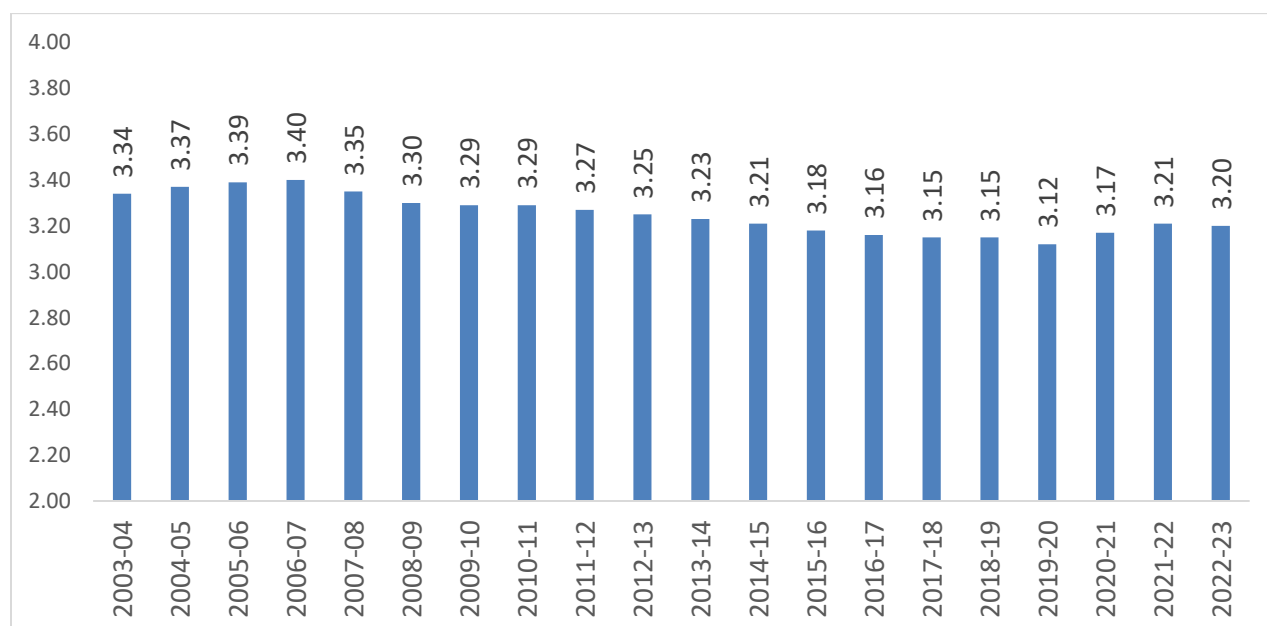
Figure 41: Undergraduate GPAs for Accepted PharmCAS Applicants by Cycle (2004-2023)

Cycle	Science GPA	Non-Science GPA	Math GPA	Cumulative Undergraduate GPA
2003-04	3.34	3.56	3.26	3.43
2004-05	3.37	3.61	3.31	3.47
2005-06	3.39	3.62	3.44	3.48
2006-07	3.40	3.63	3.45	3.49
2007-08	3.35	3.62	3.40	3.45
2008-09	3.30	3.59	3.37	3.42
2009-10	3.29	3.59	3.37	3.41
2010-11	3.29	3.58	3.61	3.40
2011-12	3.27	3.59	3.35	3.40
2012-13	3.25	3.58	3.33	3.38
2013-14	3.23	3.57	3.31	3.36
2014-15	3.21	3.56	3.28	3.34
2015-16	3.18	3.55	3.26	3.32
2016-17	3.16	3.55	3.24	3.31
2017-18	3.15	3.47	3.24	3.30
2018-19	3.15	3.48	3.22	3.30
2019-20	3.12	3.46	3.20	3.28
2020-21	3.17	3.48	3.22	3.32
2021-22	3.21	3.51	3.25	3.35
2022-23	3.20	3.52	3.27	3.35

* GPAs reflect undergraduate coursework only. Data reflects the GPAs for accepted applicants in Figure 38.

Figure 42: Undergraduate GPA for Accepted PharmCAS Applicants by Cycle (2004-2023)

* GPAs reflect undergraduate coursework only.

Figure 43: Science GPA for Accepted PharmCAS Applicants by Cycle (2004-2023)

* GPAs reflect undergraduate coursework only.

DEGREES EARNED

The table below indicates all of the degrees earned through the end of the cycle, including the Spring and Fall Academic Updates, as reported by applicants. Some applicants designated more than one degree earned and others did not designate any degree as earned. Therefore, the totals differ from other tables. List reflects degree options as they appear in the application. To view the highest degrees earned, refer to the [Application Pool Survey report](#). The list of degrees is maintained by Liaison.

Figure 44: Degrees Earned by PharmCAS Applicants

Degrees Earned	All Applicants		Accepted Applicants	
	#	%	#	%
Artist Diploma				
Associate in Liberal Arts	31	0.44%	26	0.43%
Associate of Applied Science	129	1.82%	98	1.63%
Associate of Arts	813	11.46%	691	11.50%
Associate of Arts and Sciences	48	0.68%	44	0.73%
Associate of Arts for Transfer	21	0.30%	19	0.32%
Associate of Science	962	13.56%	822	13.68%
Associate of Science for Transfer	61	0.86%	51	0.85%
Bachelor of Applied Science	11	0.15%	11	0.18%
Bachelor of Architecture (5yr)				
Bachelor of Arts	575	8.10%	489	8.14%
Bachelor of Arts and Science	43	0.61%	38	0.63%
Bachelor of Business Administration	31	0.44%	21	0.35%
Bachelor of Chemical Engineering	5	0.07%	5	0.08%
Bachelor of Commerce	1	0.01%	1	0.02%
Bachelor of Dental Science	1	0.01%	1	0.02%
Bachelor of Dental Surgery	2	0.03%	1	0.02%
Bachelor of Economics	2	0.03%	1	0.02%
Bachelor of Education	3	0.04%	2	0.03%
Bachelor of Engineering	9	0.13%	7	0.12%
Bachelor of Engineering Technology	1	0.01%		
Bachelor of Fine Arts				
Bachelor of Fine Arts with Teaching Certification				
Bachelor of Journalism				
Bachelor of Landscape Architecture (5yr)				
Bachelor of Laws				
Bachelor of Liberal Arts	4	0.06%	3	0.05%
Bachelor of Liberal Studies				
Bachelor of Mathematics	1	0.01%	1	0.02%
Bachelor of Medicine	3	0.04%	2	0.03%
Bachelor of Medicine and Bachelor of Surgery	5	0.07%	4	0.07%
Bachelor of Music	6	0.08%	6	0.10%

Bachelor of Music Education				
Bachelor of Pharmacy	192	2.71%	127	2.11%
Bachelor of Science	3,290	46.36%	2,883	47.97%
Bachelor of Science in Bioengineering	3	0.04%	2	0.03%
Bachelor of Science in Business Administration	6	0.08%	5	0.08%
Bachelor of Science in Civil Engineering				
Bachelor of Science in Education	5	0.07%	5	0.08%
Bachelor of Science in Electrical Engineering	1	0.01%	1	0.02%
Bachelor of Science in Environmental Engineering	1	0.01%		
Bachelor of Science in Mechanical Engineering				
Bachelor of Science in Medical Technology	5	0.07%	4	0.07%
Bachelor of Science in Nuclear Engineering				
Bachelor of Science in Nursing	21	0.30%	15	0.25%
Bachelor of Social Work				
Bachelor of Technology	8	0.11%	4	0.07%
Bachelor of Theology				
Bachelors of Physical Therapy				
Certificate	125	1.76%	97	1.61%
Certificate of Advanced Graduate Study	13	0.18%	11	0.18%
Credential	1	0.01%		
Diploma	56	0.79%	36	0.60%
Doctor of Athletic Training				
Doctor of Business Administration				
Doctor of Chiropractic	1	0.01%	1	0.02%
Doctor of Dental Medicine	2	0.03%	1	0.02%
Doctor of Dental Surgery	1	0.01%	1	0.02%
Doctor of Dentistry	1	0.01%	1	0.02%
Doctor of Education	3	0.04%	3	0.05%
Doctor of Engineering				
Doctor of Medicine	7	0.10%	4	0.07%
Doctor of Ministry				
Doctor of Nursing Practice				
Doctor of Occupational Therapy				
Doctor of Odontology				
Doctor of Osteopathic Med	1	0.01%	1	0.02%
Doctor of Pharmacy	29	0.41%	19	0.32%
Doctor of Physical Therapy				
Doctor of Planning and Development Studies				
Doctor of Podiatric Medicine				
Doctor of Science				
Doctor of Stomatology				
Doctor of Theology				

Doctor of Veterinary Med	2	0.03%	1	0.02%
Doctorate In Dental Medicine				
Doctorate of Medicine	3	0.04%	3	0.05%
Doctorate of Musical Arts				
Five-year Bachelor's and Master's Program (BA/MA)	1	0.01%		
Five-year Bachelor's and Master's Program (BA/MS)				
Five-year Bachelor's and Master's Program (BS/MA)				
Five-year Bachelor's and Master's Program (BS/MS)	1	0.01%		
Graduate Certificate	5	0.07%	3	0.05%
Graduate Diploma				
Juris Doctorate	1	0.01%		
Master of Accounting	2	0.03%	2	0.03%
Master of Architecture				
Master of Arts	34	0.48%	31	0.52%
Master of Arts In Teaching				
Master of Building Science				
Master of Business Administration	43	0.61%	34	0.57%
Master of Business Taxation				
Master of Comparative Law				
Master of Construction Management				
Master of Dental Surgery				
Master of Divinity				
Master of Education	11	0.15%	7	0.12%
Master of Engineering	4	0.06%	4	0.07%
Master of Engineering Technology Management				
Master of Fine Arts	1	0.01%	1	0.02%
Master of Health Administration	11	0.15%	10	0.17%
Master of Health Care Management				
Master of Health Science	4	0.06%	4	0.07%
Master of Health Sciences Administration	1	0.01%	1	0.02%
Master of Historic Preservation				
Master of Journalism				
Master of Landscape Architecture				
Master of Laws				
Master of Liberal Arts				
Master of Long Term Care Administration				
Master of Management				
Master of Marriage and Family Therapy				
Master of Medical Management				
Master of Medical Science	6	0.08%	2	0.03%
Master of Music	2	0.03%	2	0.03%
Master of Music Education				

All uses of this data should reference the American Association of Colleges of Pharmacy (AACP) as the source of the data and acknowledge that AACP bears no responsibility for interpretations presented or conclusions reached based on analysis of the data.

Master of Music Therapy				
Master of Occupational Therapy				
Master of Physician Assistant Practice				
Master of Planning				
Master of Planning and Development Studies				
Master of Professional Writing				
Master of Public Administration	3	0.04%	2	0.03%
Master of Public Art Studies				
Master of Public Diplomacy				
Master of Public Health	37	0.52%	32	0.53%
Master of Public Policy				
Master of Public Policy and Management				
Master of Real Estate Development				
Master of Sacred Music				
Master of Sacred Theology				
Master of Science	219	3.09%	182	3.03%
Master of Science and Health Administration	1	0.01%	1	0.02%
Master of Science in Athletic Training				
Master of Science in Bioengineering				
Master of Science in Civil Engineering				
Master of Science In Dentistry				
Master of Science in Education	1	0.01%	1	0.02%
Master of Science in Electrical Engineering				
Master of Science in Environmental Engineering	1	0.01%	1	0.02%
Master of Science in Mechanical Engineering				
Master of Science in Nursing	1	0.01%	1	0.02%
Master of Science in Prosthetics and Orthotics				
Master of Social Work	4	0.06%	3	0.05%
Master of Theological Studies				
Master of Theology				
Master of Tourism and Hospitality Management				
Master of Veterinary Science				
Masters of Industrial Distribution				
Masters of Physical Therapy				
MS in Finance				
MS in Management Studies				
MS in Mathematical Finance				
Non Degree	23	0.32%	21	0.35%
None	7	0.10%	5	0.08%
Other Bachelor	60	0.85%	41	0.68%
Other Doctoral (Not Ph.D.)	2	0.03%	2	0.03%
Other Doctorate	5	0.07%	2	0.03%

Other Master	34	0.48%	28	0.47%
Other PT Degree or Certificate				
Ph.D.	15	0.21%	9	0.15%
Post-Baccalaureate Certificate				
Post-Baccalaureate Certificate in Integrated Animal Health Sciences				
Post-baccalaureate Non-degree Teachers Cert Prog.	6	0.08%	5	0.08%
Postgraduate Diploma	3	0.04%	2	0.03%
Professional Science Master's	2	0.03%	2	0.03%
PsyD				
PTA				
Specialist In Education	1	0.01%		
TOTAL DEGREES EARNED	7,097	100%	6,010	100%

* Percentages were calculated based on the total number of "degrees earned" for each pool (7,097 for all and 6,010 for accepted applicants). Applicants may have been awarded additional degrees prior to enrollment in the Pharm.D. program.

Figure 45: Summary of Degrees Earned by PharmCAS Applicants

Degrees Earned	All Applicants		Accepted Applicants	
	#	%	#	%
Associate Degree	2,065	29.1%	1,751	29.1%
Bachelor's Degree	4,295	60.5%	3680	61.2%
Certificate or Credential	151	2.1%	116	1.9%
Diploma	59	0.8%	38	0.6%
Master's Degree	424	6.0%	351	5.8%
Non-degree	23	0.3%	21	0.3%
None	7	0.1%	5	0.1%
Ph.D. or other Doctorate Degree	20	0.3%	11	0.2%
Professional Doctoral Degree	53	0.7%	37	0.6%
TOTAL DEGREES EARNED	7,097	100%	6,010	100%

* Percentages were calculated based on the total number of "degrees earned" for each pool (7,097 for all and 6,010 for accepted applicants). Applicants may have been awarded additional degrees prior to enrollment in the Pharm.D. program.

COLLEGE MAJORS**Figure 46: College Majors for PharmCAS Applicants**

College Major	All Applicants		Accepted Applicants	
	#	%	#	%
Accounting/Finance	28	0.23%	23	0.22%
Administration	13	0.11%	6	0.06%
African Studies	1	0.01%		
Agriculture	9	0.08%	9	0.09%
Agriculture Plant Sciences	1	0.01%	1	0.01%
Agronomy	5	0.04%	5	0.05%
Allied Health	41	0.34%	33	0.32%
American Studies	2	0.02%	1	0.01%
Anatomy	8	0.07%	6	0.06%
Anesthesia Tech	1	0.01%	1	0.01%
Animal Science	26	0.22%	23	0.22%
Animation and Digital Arts	1	0.01%	1	0.01%
Anthropology	24	0.20%	24	0.23%
Applied Mathematics	5	0.04%	5	0.05%
Applied Physics	1	0.01%	1	0.01%
Applied Studies	14	0.12%	12	0.12%
Architectural Engineering	1	0.01%	1	0.01%
Architecture	1	0.01%	1	0.01%
Art	22	0.18%	17	0.16%
Art History	1	0.01%	1	0.01%
Asian Studies	2	0.02%	2	0.02%
Astronomy				
Athletic Training	2	0.02%	2	0.02%
Audiology	1	0.01%	1	0.01%
Aviation	3	0.03%	2	0.02%
Bacteriology	2	0.02%	2	0.02%
Behavioral Science	10	0.08%	9	0.09%
Biochemical Engineering	1	0.01%	1	0.01%
Biochemistry	614	5.14%	569	5.50%
Biochemistry and Molecular Biology	89	0.75%	84	0.81%
Bioengineering	7	0.06%	6	0.06%
Bioinformatics	6	0.05%	5	0.05%
Biological Sciences	502	4.21%	439	4.24%
Biology	2,315	19.40%	2,047	19.79%
Biomathematics	2	0.02%	2	0.02%
Biomedical Engineering	22	0.18%	18	0.17%
Biomedical Science	543	4.55%	480	4.64%

All uses of this data should reference the American Association of Colleges of Pharmacy (AACP) as the source of the data and acknowledge that AACP bears no responsibility for interpretations presented or conclusions reached based on analysis of the data.

Biophysics	3	0.03%	2	0.02%
Biotechnology	46	0.39%	36	0.35%
Botany	4	0.03%	2	0.02%
Broadcast Arts	1	0.01%		
Business Administration	76	0.64%	62	0.60%
Business Information Systems	3	0.03%	3	0.03%
Business/Management	20	0.17%	13	0.13%
Chemical Engineering	19	0.16%	17	0.16%
Chemistry	929	7.78%	830	8.02%
Chicano/Latino Studies	1	0.01%	1	0.01%
Child Development	1	0.01%	1	0.01%
Chinese Language and Literature	2	0.02%	2	0.02%
Chiropractic	1	0.01%	1	0.01%
Civil Engineering	1	0.01%	1	0.01%
Classics	2	0.02%	2	0.02%
Clinical Psychology	2	0.02%	1	0.01%
Cognitive Studies	1	0.01%	1	0.01%
Communication Science & Disorders	2	0.02%	2	0.02%
Communication Studies	4	0.03%	4	0.04%
Communications	4	0.03%	4	0.04%
Community Development	2	0.02%	1	0.01%
Community Health	8	0.07%	6	0.06%
Computer	2	0.02%	1	0.01%
Computer Engineering	1	0.01%		
Computer Science	17	0.14%	14	0.14%
Computer Science and Engineering	1	0.01%	1	0.01%
Computer Science and Technology	3	0.03%	3	0.03%
Construction Management	2	0.02%	2	0.02%
Counseling	4	0.03%	4	0.04%
Creative Writing	2	0.02%	2	0.02%
Criminal Justice	21	0.18%	15	0.14%
Criminology	3	0.03%	2	0.02%
Culinary/Food Studies	1	0.01%	1	0.01%
Cybersecurity	1	0.01%	1	0.01%
Dairy Science	1	0.01%	1	0.01%
Dance	1	0.01%	1	0.01%
Dental Assistant	5	0.04%	4	0.04%
Dental Hygiene	10	0.08%	7	0.07%
Dentistry	8	0.07%	6	0.06%
Dietetics	3	0.03%	3	0.03%
Early Childhood Education	1	0.01%	1	0.01%
Earth Sciences	2	0.02%	2	0.02%
Ecology	2	0.02%	1	0.01%

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Economics	17	0.14%	16	0.15%
Education	23	0.19%	22	0.21%
Electrical and Electronic Engineering	3	0.03%	1	0.01%
Electrical Engineering	2	0.02%	2	0.02%
Elementary Education	6	0.05%	5	0.05%
Emergency Med-Tech	6	0.05%	5	0.05%
Engineering	8	0.07%	5	0.05%
English	20	0.17%	20	0.19%
Environmental Health	11	0.09%	10	0.10%
Environmental Management	1	0.01%		
Environmental Science	2	0.02%	2	0.02%
Environmental Studies	18	0.15%	17	0.16%
Epidemiology	14	0.12%	14	0.14%
Exercise Science	53	0.44%	50	0.48%
Fashion Design	1	0.01%	1	0.01%
Finance	10	0.08%	8	0.08%
Fine Arts	1	0.01%	1	0.01%
Fisheries Biology	1	0.01%		
Food Science	7	0.06%	5	0.05%
Foreign Language	2	0.02%	2	0.02%
French	6	0.05%	5	0.05%
Gender Studies	11	0.09%	8	0.08%
General Studies	219	1.83%	180	1.74%
Genetics	13	0.11%	12	0.12%
Geography	2	0.02%	2	0.02%
Geology	2	0.02%		
German	2	0.02%	2	0.02%
Gerontology	1	0.01%	1	0.01%
Global Studies	1	0.01%	1	0.01%
Global Supply Chain Management	1	0.01%	1	0.01%
Graphic Design	1	0.01%	1	0.01%
Health	39	0.33%	33	0.32%
Health Administration	60	0.50%	48	0.46%
Health Communication	2	0.02%	1	0.01%
Health Education	8	0.07%	5	0.05%
Health Information Management	9	0.08%	5	0.05%
Health Science	366	3.07%	332	3.21%
History	10	0.08%	10	0.10%
History Of Science, History Of Medicine	1	0.01%		
Hospitality Management	1	0.01%	1	0.01%
Human Biology	75	0.63%	71	0.69%
Human Development	11	0.09%	11	0.11%
Human Resources	7	0.06%	5	0.05%

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Human Services	2	0.02%	1	0.01%
Humanities	7	0.06%	6	0.06%
Immunology	5	0.04%	3	0.03%
Independent/Interdisciplinary Studies	14	0.12%	13	0.13%
Industrial and Systems Engineering	1	0.01%		
Industrial Pharmacy	2	0.02%	1	0.01%
Industrial Psychology	1	0.01%	1	0.01%
Industrial Technology	3	0.03%	1	0.01%
Information Security	2	0.02%	2	0.02%
Information Systems	6	0.05%	6	0.06%
Information Technology	5	0.04%	3	0.03%
Integrative Biology	10	0.08%	7	0.07%
Interdisciplinary Engineering	1	0.01%	1	0.01%
Interdisciplinary Studies	51	0.43%	44	0.43%
International Business	6	0.05%	3	0.03%
International Relations	3	0.03%	2	0.02%
International Studies	4	0.03%	2	0.02%
Italian	2	0.02%	1	0.01%
Japanese	6	0.05%	5	0.05%
Jewish Studies	2	0.02%	1	0.01%
Journalism	5	0.04%	3	0.03%
Kinesiology	43	0.36%	40	0.39%
Labor Studies	1	0.01%		
Laboratory Technology	5	0.04%	2	0.02%
Landscape Architecture	1	0.01%	1	0.01%
Law	5	0.04%	2	0.02%
Liberal Arts	98	0.82%	85	0.82%
Liberal Studies	17	0.14%	13	0.13%
Library Science	3	0.03%	3	0.03%
Linguistics	2	0.02%	2	0.02%
Magnetic Resonance Imaging				
Management	21	0.18%	16	0.15%
Manufacturing Engineering	1	0.01%	1	0.01%
Marine Biology	3	0.03%	3	0.03%
Marine Science	2	0.02%	1	0.01%
Marketing	12	0.10%	9	0.09%
Mathematics	51	0.43%	42	0.41%
Mechanical Engineering	2	0.02%	2	0.02%
Media Design	1	0.01%	1	0.01%
Media Technology	1	0.01%	1	0.01%
Medical Assistant	12	0.10%	10	0.10%
Medical Laboratory Tech	32	0.27%	28	0.27%
Medical Tech	8	0.07%	5	0.05%

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Medicine	36	0.30%	29	0.28%
Microbiology	139	1.16%	115	1.11%
Molecular Biology	47	0.39%	43	0.42%
Molecular Biology, Cell Biology & Biochemistry	52	0.44%	44	0.43%
Mortuary	1	0.01%		
Multimedia				
Music	10	0.08%	9	0.09%
Music Education	2	0.02%	2	0.02%
Music Performance	2	0.02%	2	0.02%
Natural Science	91	0.76%	84	0.81%
Neurobiology	19	0.16%	18	0.17%
Neurology	1	0.01%	1	0.01%
Neuroscience	128	1.07%	114	1.10%
No Answer	179	1.50%	145	1.40%
Nurse Practitioner	1	0.01%	1	0.01%
Nursing	61	0.51%	42	0.41%
Nutrition	59	0.49%	49	0.47%
Nutritional Sciences	2	0.02%	2	0.02%
Occupational Therapy	1	0.01%	1	0.01%
Occupational Therapy Assistant	1	0.01%	1	0.01%
Optometry	1	0.01%	1	0.01%
Organismic Biology	1	0.01%	1	0.01%
Organizational Development	3	0.03%	1	0.01%
Osteopathic Medicine	1	0.01%	1	0.01%
Other Health Sciences Major	108	0.90%	96	0.93%
Other Life Sciences Major	23	0.19%	20	0.19%
Other Physical Sciences Major	11	0.09%	11	0.11%
Other Social Sciences Major	5	0.04%	5	0.05%
Other/Not Listed	219	1.83%	183	1.77%
Paramedic	2	0.02%	2	0.02%
Parasitology	2	0.02%	1	0.01%
Pathology	1	0.01%	1	0.01%
Performance	1	0.01%	1	0.01%
Performing Arts	1	0.01%	1	0.01%
Petroleum Engineering	1	0.01%	1	0.01%
Pharmaceutical Sciences	654	5.48%	580	5.61%
Pharmacology	100	0.84%	87	0.84%
Pharmacy	1,872	15.68%	1,558	15.06%
Philosophy	10	0.08%	9	0.09%
Physical Education	2	0.02%	2	0.02%
Physical Science	8	0.07%	7	0.07%
Physical Therapist Assistant	2	0.02%	2	0.02%
Physical Therapy	1	0.01%	1	0.01%

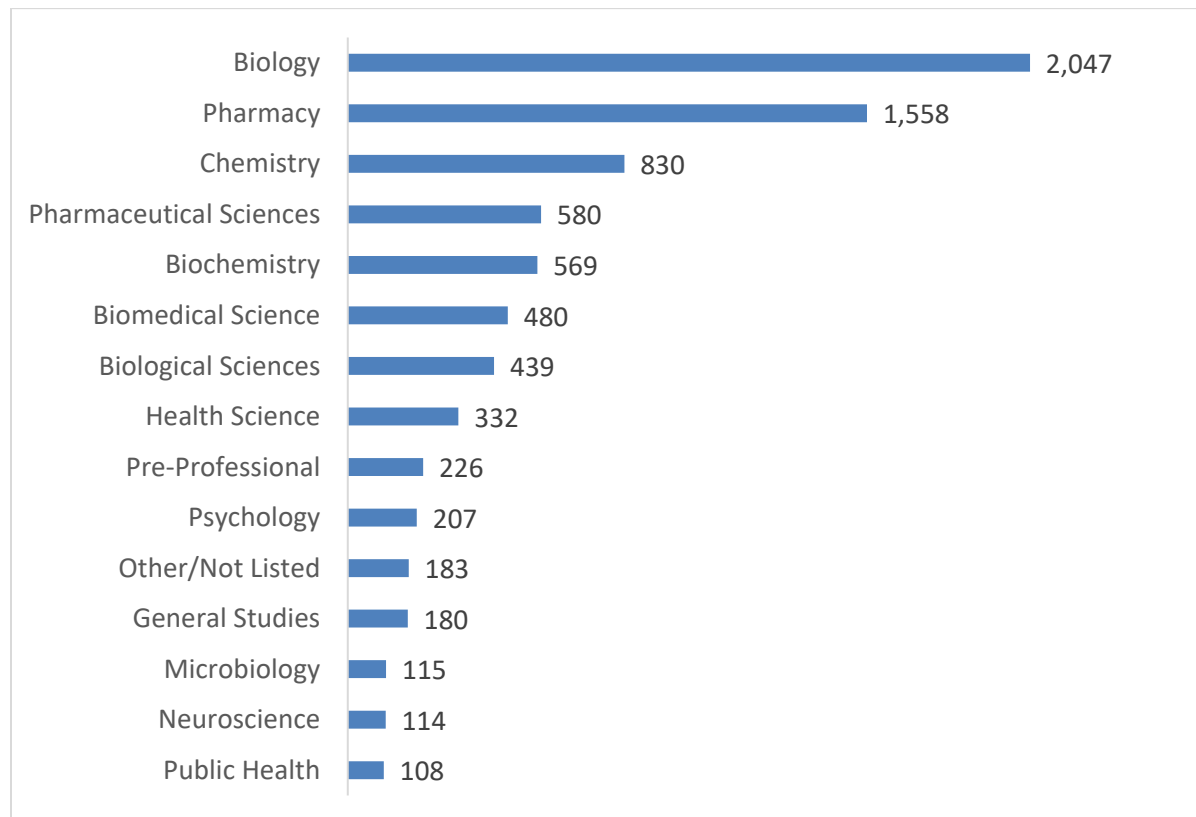
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Physical Therapy - Pre-PT	1	0.01%	1	0.01%
Physician Assistant	4	0.03%	3	0.03%
Physics	9	0.08%	7	0.07%
Physiology	50	0.42%	47	0.45%
Policy Studies	1	0.01%	1	0.01%
Political Science	19	0.16%	16	0.15%
Practical Nursing	1	0.01%		
Premedical	62	0.52%	55	0.53%
Pre-Professional	255	2.14%	226	2.18%
Psychobiology	18	0.15%	17	0.16%
Psychology	246	2.06%	207	2.00%
Public Administration	4	0.03%	4	0.04%
Public Health	121	1.01%	108	1.04%
Public Health Science	2	0.02%	2	0.02%
Public Policy	1	0.01%		
Public Relations	1	0.01%	1	0.01%
Quality Assurance	2	0.02%	1	0.01%
Radiography	4	0.03%	3	0.03%
Radiology	4	0.03%	4	0.04%
Regulatory Affairs	4	0.03%	3	0.03%
Religion	2	0.02%	2	0.02%
Religious Studies	2	0.02%	2	0.02%
Research Methods	1	0.01%		
Respiratory Therapy	10	0.08%	8	0.08%
Russian	2	0.02%	2	0.02%
Science, Technology and Society	57	0.48%	44	0.43%
Screenwriting	1	0.01%	1	0.01%
Social Sciences	13	0.11%	8	0.08%
Social Work	7	0.06%	6	0.06%
Sociology	30	0.25%	25	0.24%
Software Engineering	1	0.01%	1	0.01%
Spanish	24	0.20%	22	0.21%
Special Education	2	0.02%	1	0.01%
Sports Medicine	3	0.03%	3	0.03%
Statistics	3	0.03%	2	0.02%
Technical/Professional Writing	1	0.01%	1	0.01%
Theater Arts	2	0.02%	1	0.01%
Theology	4	0.03%	3	0.03%
Toxicology	18	0.15%	18	0.17%
Veterinary Medicine	4	0.03%	3	0.03%
Veterinary Tech	5	0.04%	4	0.04%
Virology	1	0.01%	1	0.01%
Wildlife Management	1	0.01%	1	0.01%

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Women's Studies	1	0.01%	1	0.01%
Writing	1	0.01%	1	0.01%
Zoology	7	0.06%	7	0.07%
TOTAL	11,935	100%	10,346	100%

Figure 47: Most Identified College Majors for Accepted PharmCAS Applicants



PRIMARY INSTITUTIONS ATTENDED

Applicants are instructed to identify one primary undergraduate institution at which they have earned or expect to earn their first degree. If no degree is planned, the applicants are instructed to select the institution where they have completed the majority of undergraduate courses.

Figure 48: Primary Institutions Attended for PharmCAS Applicants

College Attended School Name	School State/ Province	All	Accepted
UNIVERSITY OF ALBERTA	AB	3	3
UNIVERSITY OF CALGARY	AB	3	2
BURMAN UNIVERSITY	AB	2	2
MOUNT ROYAL UNIVERSITY	AB	2	2
UNIVERSITY OF LETHBRIDGE	AB	2	2
CONCORDIA UNIVERSITY OF EDMONTON	AB	1	1
ATHABASCA UNIVERSITY	AB	1	1
GRANT MACEWAN UNIVERSITY	AB	1	1
UNIVERSITY OF ALASKA - ANCHORAGE	AK	6	6
CHARTER COLLEGE	AK	1	1
UNIVERSITY OF ALASKA - FAIRBANKS	AK	1	1
AUBURN UNIVERSITY - AUBURN	AL	53	48
SAMFORD UNIVERSITY	AL	30	29
UNIVERSITY OF ALABAMA - BIRMINGHAM	AL	20	19
UNIVERSITY OF SOUTH ALABAMA	AL	9	7
UNIVERSITY OF ALABAMA - TUSCALOOSA	AL	11	9
AUBURN UNIVERSITY - MONTGOMERY	AL	8	8
JACKSONVILLE STATE UNIVERSITY	AL	4	4
GADSDEN STATE COMMUNITY COLLEGE	AL	5	5
SNEAD STATE COMMUNITY COLLEGE	AL	5	5
UNIVERSITY OF ALABAMA - HUNTSVILLE	AL	5	5
ALABAMA AGRICULTURAL AND MECHANICAL UNIVERSITY	AL	4	4
BIRMINGHAM-SOUTHERN COLLEGE	AL	4	4
ALABAMA STATE UNIVERSITY	AL	3	3
JEFFERSON STATE COMMUNITY COLLEGE	AL	3	3
TUSKEGEE UNIVERSITY	AL	3	3
UNIVERSITY OF NORTH ALABAMA	AL	3	3
WALLACE STATE COMMUNITY COLLEGE - HANCEVILLE	AL	3	2
CALHOUN COMMUNITY COLLEGE	AL	2	2
MILES COLLEGE	AL	2	2
OAKWOOD UNIVERSITY	AL	2	2
TROY UNIVERSITY - TROY	AL	2	2
UNIVERSITY OF WEST ALABAMA	AL	2	1
HUNTINGDON COLLEGE	AL	1	1
SOUTHERN UNION STATE COMMUNITY COLLEGE	AL	1	1
BEVILL STATE COMMUNITY COLLEGE	AL	1	1
BISHOP STATE COMMUNITY COLLEGE	AL	1	1
COLUMBIA SOUTHERN UNIVERSITY	AL	1	1
FAULKNER UNIVERSITY	AL	1	1
JUDSON COLLEGE	AL	1	1

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NORTHEAST ALABAMA COMMUNITY COLLEGE	AL	1	1
SHELTON STATE COMMUNITY COLLEGE - TUSCALOOSA	AL	1	1
STILLMAN COLLEGE	AL	1	1
TRENHOLM STATE TECHNICAL COLLEGE	AL	1	1
UNIVERSITY OF MONTEVALLO	AL	1	1
WALLACE COMMUNITY COLLEGE - EUFAULA	AL	1	0
UNIVERSITY OF ARKANSAS - MAIN CAMPUS	AR	30	28
UNIVERSITY OF CENTRAL ARKANSAS	AR	23	22
ARKANSAS STATE UNIVERSITY - JONESBORO	AR	13	13
UNIVERSITY OF ARKANSAS - PINE BLUFF	AR	8	8
UNIVERSITY OF ARKANSAS - MONTICELLO	AR	8	7
ARKANSAS STATE UNIVERSITY - BEEBE	AR	6	5
HENDERSON STATE UNIVERSITY	AR	6	5
ARKANSAS TECH UNIVERSITY - RUSSELLVILLE / MAIN CAMPUS	AR	5	5
UNIVERSITY OF ARKANSAS - LITTLE ROCK	AR	5	4
PULASKI TECHNICAL COLLEGE	AR	5	4
SOUTHERN ARKANSAS UNIVERSITY - MAGNOLIA	AR	4	4
UNIVERSITY OF ARKANSAS - FORT SMITH	AR	4	4
JOHN BROWN UNIVERSITY	AR	3	2
HARDING UNIVERSITY	AR	3	3
PHILANDER SMITH COLLEGE	AR	3	2
OUACHITA BAPTIST UNIVERSITY	AR	2	2
HENDRIX COLLEGE	AR	1	1
CENTRAL BAPTIST COLLEGE	AR	1	1
WILLIAMS BAPTIST COLLEGE	AR	1	1
UNIVERSITY OF ARIZONA	AZ	70	65
ARIZONA STATE UNIVERSITY - TEMPE	AZ	62	54
ARIZONA STATE UNIVERSITY AT THE WEST CAMPUS	AZ	25	21
NORTHERN ARIZONA UNIVERSITY - FLAGSTAFF	AZ	18	18
PIMA COMMUNITY COLLEGE	AZ	13	13
GRAND CANYON UNIVERSITY	AZ	10	9
ARIZONA STATE UNIVERSITY - DOWNTOWN PHOENIX	AZ	9	8
GLENDALE COMMUNITY COLLEGE (AZ)	AZ	9	8
RIO SALADO COLLEGE	AZ	7	6
PARADISE VALLEY COMMUNITY COLLEGE	AZ	5	4
ESTRELLA MOUNTAIN COMMUNITY COLLEGE	AZ	4	3
MESA COMMUNITY COLLEGE	AZ	3	3
ARIZONA STATE UNIVERSITY POLYTECHNIC CAMPUS	AZ	2	2
CHANDLER-GILBERT COMMUNITY COLLEGE	AZ	2	2
CENTRAL ARIZONA COLLEGE	AZ	2	2
SOUTH MOUNTAIN COMMUNITY COLLEGE	AZ	2	2
UNIVERSITY OF PHOENIX (AZ)	AZ	2	1
PHOENIX COLLEGE	AZ	1	1
EASTERN ARIZONA COLLEGE	AZ	1	0
MIDWESTERN UNIVERSITY - GLENDALE	AZ	1	0
OTTAWA UNIVERSITY (AZ)	AZ	1	0
SCOTTSDALE COMMUNITY COLLEGE	AZ	1	0
A. T. STILL UNIVERSITY (AZ)	AZ	0	0
BENEDICTINE UNIVERSITY (AZ)	AZ	0	0
DINE COLLEGE	AZ	0	0

UNIVERSITY OF ADVANCING TECHNOLOGY	AZ	0	0
UNIVERSITY COLLEGE OF THE FRASER VALLEY (NOW UNIVERSITY OF THE FRASER VALLEY)	BC	3	3
SIMON FRASER UNIVERSITY	BC	2	1
THOMPSON RIVERS UNIVERSITY	BC	1	1
CAPILANO UNIVERSITY	BC	1	0
UNIVERSITY OF BRITISH COLUMBIA	BC	1	0
UNIVERSITY OF THE PACIFIC	CA	106	88
UNIVERSITY OF CALIFORNIA - IRVINE	CA	102	100
UNIVERSITY OF CALIFORNIA - SAN DIEGO	CA	71	65
UNIVERSITY OF CALIFORNIA - DAVIS	CA	69	68
UNIVERSITY OF CALIFORNIA - LOS ANGELES	CA	55	51
UNIVERSITY OF CALIFORNIA - RIVERSIDE	CA	52	51
CHAPMAN UNIVERSITY	CA	48	47
CALIFORNIA STATE UNIVERSITY - NORTHRIDGE	CA	39	33
UNIVERSITY OF CALIFORNIA - SANTA BARBARA	CA	29	28
UNIVERSITY OF CALIFORNIA - BERKELEY	CA	23	20
CALIFORNIA STATE UNIVERSITY - FULLERTON	CA	22	19
CALIFORNIA STATE POLYTECHNIC UNIVERSITY - POMONA	CA	21	17
CALIFORNIA STATE UNIVERSITY - LONG BEACH	CA	22	22
SAN FRANCISCO STATE UNIVERSITY	CA	23	22
CALIFORNIA STATE UNIVERSITY - SACRAMENTO	CA	18	17
CALIFORNIA STATE UNIVERSITY - LOS ANGELES	CA	14	13
UNIVERSITY OF CALIFORNIA - SANTA CRUZ	CA	14	13
SAN JOSE STATE UNIVERSITY	CA	13	12
SAN DIEGO STATE UNIVERSITY	CA	11	9
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	12	12
CALIFORNIA STATE UNIVERSITY - SAN BERNARDINO	CA	11	10
UNIVERSITY OF CALIFORNIA - MERCED	CA	11	9
CALIFORNIA STATE UNIVERSITY - STANISLAUS	CA	10	9
CALIFORNIA STATE UNIVERSITY - FRESNO	CA	9	8
CALIFORNIA STATE UNIVERSITY - SAN MARCOS	CA	6	6
GROSSMONT COLLEGE	CA	7	7
SOUTHERN CALIFORNIA UNIVERSITY OF HEALTH SCIENCES	CA	7	6
UNIVERSITY OF SAN FRANCISCO	CA	6	5
CALIFORNIA POLYTECHNIC STATE UNIVERSITY - SAN LUIS OBISPO	CA	6	6
CALIFORNIA STATE UNIVERSITY - CHICO	CA	6	6
CALIFORNIA STATE UNIVERSITY - CHANNEL ISLANDS	CA	5	5
PACIFIC UNION COLLEGE	CA	5	5
UNIVERSITY OF SAN DIEGO	CA	5	4
CALIFORNIA STATE UNIVERSITY - EAST BAY	CA	4	3
ORANGE COAST COLLEGE	CA	5	5
CYPRESS COLLEGE	CA	4	4
CALIFORNIA BAPTIST UNIVERSITY	CA	4	4
CALIFORNIA NORTHSTATE UNIVERSITY	CA	4	4
GOLDEN WEST COLLEGE	CA	4	4
LA SIERRA UNIVERSITY	CA	4	4
MODESTO JUNIOR COLLEGE	CA	4	3
PEPPERDINE UNIVERSITY	CA	4	3
CITY COLLEGE OF SAN FRANCISCO	CA	3	3

LOYOLA MARYMOUNT UNIVERSITY	CA	3	2
SADDLEBACK COLLEGE	CA	3	2
FRESNO PACIFIC UNIVERSITY	CA	2	1
AMERICAN RIVER COLLEGE	CA	3	3
CALIFORNIA LUTHERAN UNIVERSITY	CA	3	3
CALIFORNIA STATE UNIVERSITY - BAKERSFIELD	CA	3	3
IRVINE VALLEY COLLEGE	CA	3	3
LOS MEDANOS COLLEGE	CA	3	3
SAN DIEGO MIRAMAR COLLEGE	CA	3	3
SANTA ANA COLLEGE	CA	3	3
SANTA CLARA UNIVERSITY	CA	3	2
VANGUARD UNIVERSITY OF SOUTHERN CALIFORNIA	CA	3	2
WEST LOS ANGELES COLLEGE	CA	3	2
WHITTIER COLLEGE	CA	3	2
CALIFORNIA STATE POLYTECHNIC UNIVERSITY, HUMBOLDT	CA	2	2
CALIFORNIA STATE UNIVERSITY - DOMINGUEZ HILLS	CA	2	2
LOS ANGELES MISSION COLLEGE	CA	2	2
UNIVERSITY OF LA VERNE	CA	2	1
DE ANZA COLLEGE	CA	1	0
CALIFORNIA STATE UNIVERSITY - MONTEREY BAY	CA	2	2
CHAFFEY COLLEGE	CA	2	2
CLOVIS COMMUNITY COLLEGE	CA	2	2
CRAFTON HILLS COLLEGE	CA	2	2
DIABLO VALLEY COLLEGE	CA	2	2
DOMINICAN UNIVERSITY OF CALIFORNIA	CA	2	2
FULLERTON COLLEGE	CA	2	2
LOS ANGELES PIERCE COLLEGE	CA	2	2
MISSION COLLEGE	CA	2	2
MOORPARK COLLEGE	CA	2	2
POINT LOMA NAZARENE UNIVERSITY	CA	2	2
SAN DIEGO MESA COLLEGE	CA	2	2
SIERRA COLLEGE	CA	2	1
SOLANO COMMUNITY COLLEGE	CA	2	1
SOUTHWESTERN COLLEGE (CA)	CA	2	1
UNIVERSITY OF CALIFORNIA - BERKELEY (EXTENSION)	CA	2	1
BAKERSFIELD COLLEGE	CA	1	1
EL CAMINO COLLEGE	CA	1	1
FOOTHILL COLLEGE	CA	1	1
MOUNT SAINT MARY'S COLLEGE	CA	1	0
OHLONE COLLEGE	CA	1	0
UNIVERSITY OF CALIFORNIA - LOS ANGELES (EXTENSION)	CA	1	0
ANTELOPE VALLEY COLLEGE	CA	1	1
AZUSA PACIFIC UNIVERSITY	CA	1	1
BUTTE COLLEGE	CA	1	1
CALIFORNIA COAST UNIVERSITY	CA	1	1
CERRITOS COLLEGE	CA	1	1
CHABOT COLLEGE	CA	1	1
CHARLES R. DREW UNIVERSITY OF MEDICINE AND SCIENCE	CA	1	1
CONTRA COSTA COLLEGE	CA	1	1
CUYAMACA COLLEGE	CA	1	1

EAST LOS ANGELES COLLEGE	CA	1	1
EVERGREEN VALLEY COLLEGE	CA	1	1
FEATHER RIVER COLLEGE	CA	1	1
FOLSOM LAKE COLLEGE	CA	1	1
GLENDALE COMMUNITY COLLEGE (CA)	CA	1	1
LAS POSITAS COLLEGE	CA	1	1
LONG BEACH CITY COLLEGE	CA	1	1
LOS ANGELES TRADE TECHNICAL COLLEGE	CA	1	1
LOS ANGELES VALLEY COLLEGE	CA	1	1
MILLS COLLEGE	CA	1	1
MOUNT SAN JACINTO COLLEGE	CA	1	1
NAPA VALLEY COLLEGE	CA	1	1
NATIONAL UNIVERSITY	CA	1	1
NORCO COLLEGE	CA	1	1
PASADENA CITY COLLEGE	CA	1	1
PITZER COLLEGE	CA	1	1
SAINT MARY'S COLLEGE OF CALIFORNIA	CA	1	1
SAN BERNARDINO VALLEY COLLEGE	CA	1	1
SAN DIEGO CITY COLLEGE	CA	1	1
SANTA MONICA COLLEGE	CA	1	1
SKYLINE COLLEGE	CA	1	1
SONOMA STATE UNIVERSITY	CA	1	1
STANFORD UNIVERSITY	CA	1	1
UNIVERSITY OF CALIFORNIA - SAN FRANCISCO	CA	1	0
UNIVERSITY OF REDLANDS	CA	1	0
UNIVERSITY OF THE WEST	CA	1	0
WEST COAST UNIVERSITY	CA	1	0
WESTMONT COLLEGE	CA	1	0
WILLIAM JESSUP UNIVERSITY	CA	1	0
FRESNO CITY COLLEGE	CA	0	0
MIRA COSTA COLLEGE	CA	0	0
RIVERSIDE CITY COLLEGE	CA	0	0
UNIVERSITY OF CALIFORNIA - SAN DIEGO (EXTENSION)	CA	0	0
YUBA COLLEGE	CA	0	0
UNIVERSITY OF COLORADO - DENVER	CO	20	16
UNIVERSITY OF COLORADO - COLORADO SPRINGS	CO	13	12
UNIVERSITY OF COLORADO - BOULDER	CO	15	14
COLORADO STATE UNIVERSITY - FORT COLLINS	CO	13	11
METROPOLITAN STATE UNIVERSITY OF DENVER	CO	11	8
UNIVERSITY OF NORTHERN COLORADO	CO	6	6
COLORADO MESA UNIVERSITY	CO	4	3
COMMUNITY COLLEGE OF AURORA	CO	2	2
REGIS UNIVERSITY	CO	4	4
FRONT RANGE COMMUNITY COLLEGE	CO	3	3
PIKES PEAK COMMUNITY COLLEGE	CO	3	3
UNIVERSITY OF DENVER	CO	3	3
COLORADO CHRISTIAN UNIVERSITY	CO	2	2
COLORADO SCHOOL OF MINES	CO	2	2
COLORADO STATE UNIVERSITY - GLOBAL CAMPUS	CO	2	2
COLORADO STATE UNIVERSITY - PUEBLO	CO	2	2

FORT LEWIS COLLEGE	CO	2	1
AIMS COMMUNITY COLLEGE	CO	1	1
COMMUNITY COLLEGE OF DENVER	CO	1	1
TRINIDAD STATE JUNIOR COLLEGE	CO	1	1
WESTERN STATE COLLEGE OF COLORADO (NOW WESTERN COLORADO UNIVERSITY)	CO	1	0
UNIVERSITY OF CONNECTICUT	CT	98	77
CENTRAL CONNECTICUT STATE UNIVERSITY	CT	5	4
SOUTHERN CONNECTICUT STATE UNIVERSITY	CT	4	4
SACRED HEART UNIVERSITY	CT	4	4
UNIVERSITY OF HARTFORD	CT	4	4
UNIVERSITY OF SAINT JOSEPH	CT	4	3
UNIVERSITY OF NEW HAVEN	CT	2	2
WESLEYAN UNIVERSITY	CT	2	2
EASTERN CONNECTICUT STATE UNIVERSITY	CT	1	1
FAIRFIELD UNIVERSITY	CT	1	1
HOUSATONIC COMMUNITY COLLEGE	CT	1	1
MANCHESTER COMMUNITY COLLEGE (CONNECTICUT)	CT	1	1
QUINNIPIAC UNIVERSITY	CT	1	1
UNIVERSITY OF BRIDGEPORT	CT	1	0
WESTERN CONNECTICUT STATE UNIVERSITY	CT	1	0
ALBERTUS MAGNUS COLLEGE	CT	0	0
HOWARD UNIVERSITY	DC	8	7
GEORGE WASHINGTON UNIVERSITY	DC	4	4
UNIVERSITY OF THE DISTRICT OF COLUMBIA	DC	3	2
TRINITY WASHINGTON UNIVERSITY	DC	2	0
AMERICAN UNIVERSITY	DC	1	1
GALLAUDET UNIVERSITY	DC	1	0
STRAYER UNIVERSITY (DC)	DC	1	0
UNIVERSITY OF DELAWARE - NEWARK	DE	15	15
DELAWARE STATE UNIVERSITY	DE	9	8
DELAWARE TECHNICAL AND COMMUNITY COLLEGE - DOVER	DE	1	1
DELAWARE TECHNICAL AND COMMUNITY COLLEGE - STANTON / WILMINGTON	DE	1	1
DELAWARE TECHNICAL AND COMMUNITY COLLEGE - OWENS / GEORGETOWN	DE	0	0
UNIVERSITY OF SOUTH FLORIDA - TAMPA	FL	123	112
UNIVERSITY OF CENTRAL FLORIDA	FL	72	63
UNIVERSITY OF FLORIDA	FL	74	69
FLORIDA INTERNATIONAL UNIVERSITY	FL	70	62
FLORIDA AGRICULTURAL AND MECHANICAL UNIVERSITY	FL	61	47
MIAMI DADE COLLEGE	FL	45	36
FLORIDA ATLANTIC UNIVERSITY	FL	34	28
NOVA SOUTHEASTERN UNIVERSITY	FL	23	20
FLORIDA STATE UNIVERSITY	FL	22	21
BROWARD COLLEGE	FL	17	13
PALM BEACH STATE COLLEGE	FL	13	10
FLORIDA GULF COAST UNIVERSITY	FL	12	12
VALENCIA COLLEGE	FL	11	8
HILLSBOROUGH COMMUNITY COLLEGE	FL	10	6
FLORIDA STATE COLLEGE - JACKSONVILLE	FL	12	9
SEMINOLE STATE COLLEGE OF FLORIDA	FL	10	8
UNIVERSITY OF NORTH FLORIDA	FL	10	7

SAINT PETERSBURG COLLEGE	FL	9	5
UNIVERSITY OF MIAMI	FL	7	7
PALM BEACH ATLANTIC UNIVERSITY	FL	6	6
INDIAN RIVER STATE COLLEGE	FL	7	7
UNIVERSITY OF WEST FLORIDA	FL	7	6
SANTA FE COLLEGE	FL	6	2
KEISER UNIVERSITY	FL	4	2
DAYTONA STATE COLLEGE	FL	5	4
FLORIDA SOUTHWESTERN STATE COLLEGE	FL	5	4
EASTERN FLORIDA STATE COLLEGE	FL	4	4
JACKSONVILLE UNIVERSITY	FL	4	3
UNIVERSITY OF SOUTH FLORIDA - SAINT PETERSBURG	FL	4	2
UNIVERSITY OF SOUTH FLORIDA - SARASOTA-MANATEE	FL	4	2
FLORIDA MEMORIAL UNIVERSITY	FL	3	2
PENSACOLA STATE COLLEGE	FL	3	3
TALLAHASSEE COMMUNITY COLLEGE	FL	3	3
BARRY UNIVERSITY	FL	2	2
CHIPOLA COLLEGE	FL	2	2
COLLEGE OF CENTRAL FLORIDA	FL	2	2
FLORIDA NATIONAL UNIVERSITY	FL	2	2
POLK STATE COLLEGE	FL	2	2
SOUTHEASTERN UNIVERSITY - LAKELAND	FL	2	1
STATE COLLEGE OF FLORIDA - BRADENTON	FL	2	1
NORTH FLORIDA COMMUNITY COLLEGE	FL	1	1
UNIVERSITY OF TAMPA	FL	1	1
ADVENTIST UNIVERSITY OF THE HEALTH SCIENCES	FL	1	1
ECKERD COLLEGE	FL	1	1
FLORIDA GATEWAY COLLEGE	FL	1	1
FLORIDA INSTITUTE OF TECHNOLOGY	FL	1	1
FLORIDA SOUTHERN COLLEGE	FL	1	1
GULF COAST STATE COLLEGE	FL	1	1
HERZING UNIVERSITY - ORLANDO / WINTER PARK, FL	FL	1	1
NOVA SOUTHEASTERN UNIVERSITY HEALTH PROFESSIONS DIVISION	FL	1	1
PASCO-HERNANDO STATE COLLEGE	FL	1	1
RASMUSSEN COLLEGE - TAMPA/BRANDON CAMPUS, FL	FL	1	0
ROLLINS COLLEGE	FL	1	0
ST. JOHNS RIVER STATE COLLEGE	FL	1	0
STRAYER UNIVERSITY (FL)	FL	1	0
WARNER UNIVERSITY	FL	1	0
BETHUNE-COOKMAN UNIVERSITY	FL	0	0
JOHNSON & WALES UNIVERSITY - NORTH MIAMI, FL	FL	0	0
LARKIN UNIVERSITY, FORMERLY KNOWN AS LARKIN HEALTH AND SCIENCE	FL	0	0
SCHILLER INTERNATIONAL UNIVERSITY (FLORIDA)	FL	0	0
UNIVERSITY OF GEORGIA	GA	95	87
GEORGIA SOUTHERN UNIVERSITY	GA	32	30
GEORGIA STATE UNIVERSITY	GA	27	22
KENNESAW STATE UNIVERSITY	GA	17	15
MERCER UNIVERSITY - MACON	GA	14	13
AUGUSTA UNIVERSITY	GA	13	12
GEORGIA GWINNETT COLLEGE	GA	12	11

UNIVERSITY OF NORTH GEORGIA	GA	10	8
COLUMBUS STATE UNIVERSITY	GA	10	10
ABRAHAM BALDWIN AGRICULTURAL COLLEGE	GA	9	9
VALDOSTA STATE UNIVERSITY	GA	8	6
DALTON STATE COLLEGE	GA	7	7
GEORGIA INSTITUTE OF TECHNOLOGY	GA	6	6
MERCER UNIVERSITY - ATLANTA	GA	6	6
GORDON STATE COLLEGE	GA	4	3
ALBANY STATE UNIVERSITY	GA	5	5
CLAYTON STATE UNIVERSITY	GA	5	4
SAVANNAH STATE UNIVERSITY	GA	5	4
EMORY UNIVERSITY	GA	2	2
GEORGIA MILITARY COLLEGE	GA	4	4
UNIVERSITY OF WEST GEORGIA	GA	4	4
FORT VALLEY STATE UNIVERSITY	GA	3	3
BERRY COLLEGE	GA	3	3
OGLETHORPE UNIVERSITY	GA	3	3
SHORTER UNIVERSITY	GA	3	3
SPELMAN COLLEGE	GA	3	2
COLLEGE OF COASTAL GEORGIA	GA	2	1
GAINESVILLE COLLEGE (NOW PART OF THE UNIVERSITY OF NORTH GEORGIA)	GA	2	2
LAGRANGE COLLEGE	GA	2	2
MACON STATE COLLEGE (NOW PART OF MIDDLE GEORGIA STATE COLLEGE)	GA	2	2
PIEDMONT COLLEGE	GA	2	2
SOUTH GEORGIA COLLEGE	GA	2	2
ATHENS TECHNICAL COLLEGE	GA	1	1
BRENAU UNIVERSITY	GA	1	1
EMMANUEL COLLEGE (GA)	GA	1	1
GEORGIA COLLEGE AND STATE UNIVERSITY	GA	1	1
GEORGIA PERIMETER COLLEGE	GA	1	1
GEORGIA SOUTHWESTERN STATE UNIVERSITY	GA	1	1
GWINNETT TECHNICAL COLLEGE	GA	1	1
MIDDLE GEORGIA STATE COLLEGE	GA	1	1
OGEECHEE TECHNICAL COLLEGE	GA	1	1
OXFORD COLLEGE OF EMORY UNIVERSITY	GA	1	1
PAINE COLLEGE	GA	1	1
SOUTH COLLEGE - SAVANNAH	GA	1	1
SOUTH UNIVERSITY - SAVANNAH	GA	1	1
WIREGRASS GEORGIA TECHNICAL COLLEGE	GA	1	1
LIFE UNIVERSITY	GA	0	0
REINHARDT COLLEGE	GA	0	0
SAVANNAH TECHNICAL COLLEGE	GA	0	0
STRAYER UNIVERSITY (GA)	GA	0	0
YOUNG HARRIS COLLEGE	GA	0	0
UNIVERSITY OF GUAM	GU	6	6
UNIVERSITY OF HAWAII - MANOA	HI	17	15
UNIVERSITY OF HAWAII - HILO	HI	11	11
HAWAII PACIFIC UNIVERSITY	HI	3	3
LEEWARD COMMUNITY COLLEGE	HI	2	2
THE UNIVERSITY OF HAWAI'I - MAUI COLLEGE	HI	2	2

BRIGHAM YOUNG UNIVERSITY - HAWAII	HI	1	1
CHAMINADE UNIVERSITY OF HONOLULU	HI	1	1
KAPIOLANI COMMUNITY COLLEGE	HI	1	0
UNIVERSITY OF IOWA	IA	69	64
DRAKE UNIVERSITY	IA	56	53
IOWA STATE UNIVERSITY	IA	13	13
KIRKWOOD COMMUNITY COLLEGE	IA	7	5
DES MOINES AREA COMMUNITY COLLEGE	IA	4	4
UNIVERSITY OF ARIZONA GLOBAL CAMPUS	IA	3	1
CORNELL COLLEGE	IA	2	2
DORDT COLLEGE	IA	2	2
SAINT AMBROSE UNIVERSITY	IA	2	2
UNIVERSITY OF DUBUQUE	IA	2	2
UNIVERSITY OF NORTHERN IOWA	IA	2	2
WARTBURG COLLEGE	IA	2	1
BUENA VISTA UNIVERSITY	IA	1	1
COE COLLEGE	IA	1	1
DES MOINES UNIVERSITY	IA	1	1
GRACELAND UNIVERSITY (IOWA)	IA	1	1
GRINNELL COLLEGE	IA	1	1
IOWA WESLEYAN COLLEGE	IA	1	1
IOWA WESTERN COMMUNITY COLLEGE	IA	1	1
KAPLAN UNIVERSITY (IA) (NOW PURDUE UNIVERSITY GLOBAL)	IA	1	1
LORAS COLLEGE	IA	1	1
MERCY COLLEGE OF HEALTH SCIENCES	IA	1	1
MOUNT MERCY UNIVERSITY	IA	1	1
NORTH IOWA AREA COMMUNITY COLLEGE	IA	1	1
SOUTHEASTERN COMMUNITY COLLEGE - WEST BURLINGTON	IA	1	0
SOUTHWESTERN COMMUNITY COLLEGE - CRESTON	IA	1	0
WILLIAM PENN UNIVERSITY	IA	1	0
LUTHER COLLEGE	IA	0	0
IDAHO STATE UNIVERSITY	ID	19	19
BRIGHAM YOUNG UNIVERSITY - IDAHO	ID	13	13
BOISE STATE UNIVERSITY	ID	10	8
UNIVERSITY OF IDAHO	ID	4	4
COLLEGE OF WESTERN IDAHO	ID	3	3
COLLEGE OF SOUTHERN IDAHO	ID	2	2
LEWIS-CLARK STATE COLLEGE	ID	1	1
NORTHWEST NAZARENE UNIVERSITY	ID	1	1
UNIVERSITY OF ILLINOIS - CHICAGO	IL	85	70
SOUTHERN ILLINOIS UNIVERSITY - EDWARDSVILLE	IL	47	41
UNIVERSITY OF ILLINOIS - URBANA / CHAMPAIGN	IL	25	22
LOYOLA UNIVERSITY CHICAGO	IL	23	21
MORAIN VALLEY COMMUNITY COLLEGE	IL	16	15
BENEDICTINE UNIVERSITY - LISLE	IL	11	9
COLLEGE OF DUPAGE	IL	12	10
NORTHERN ILLINOIS UNIVERSITY	IL	8	8
WILLIAM RAINEY HARPER COLLEGE	IL	9	6
OAKTON COMMUNITY COLLEGE	IL	8	5
ELMHURST UNIVERSITY	IL	7	7

COLLEGE OF LAKE COUNTY	IL	7	6
WILBUR WRIGHT COLLEGE - CITY COLLEGES OF CHICAGO	IL	5	5
DEPAUL UNIVERSITY	IL	5	4
TRITON COLLEGE	IL	5	1
ILLINOIS STATE UNIVERSITY	IL	5	4
CHICAGO STATE UNIVERSITY	IL	4	4
DOMINICAN UNIVERSITY	IL	4	4
HAROLD WASHINGTON COLLEGE - CITY COLLEGES OF CHICAGO	IL	4	3
LEWIS UNIVERSITY	IL	4	3
ROOSEVELT UNIVERSITY	IL	4	3
SAINT XAVIER UNIVERSITY	IL	4	1
EASTERN ILLINOIS UNIVERSITY	IL	4	4
GOVERNORS STATE UNIVERSITY	IL	3	3
NORTH PARK UNIVERSITY	IL	3	2
LINCOLN LAND COMMUNITY COLLEGE	IL	3	3
PRAIRIE STATE COLLEGE	IL	3	2
CONCORDIA UNIVERSITY - RIVER FOREST	IL	1	1
BRADLEY UNIVERSITY	IL	2	2
ELGIN COMMUNITY COLLEGE	IL	2	2
HARRY S TRUMAN COLLEGE - CITY COLLEGES OF CHICAGO	IL	2	2
ILLINOIS INSTITUTE OF TECHNOLOGY	IL	2	2
LAKE LAND COLLEGE	IL	2	2
MONMOUTH COLLEGE	IL	2	2
NATIONAL UNIVERSITY OF HEALTH SCIENCES	IL	2	2
NORTHEASTERN ILLINOIS UNIVERSITY	IL	2	2
NORTHWESTERN UNIVERSITY	IL	2	2
REND LAKE COLLEGE	IL	2	1
ROCK VALLEY COLLEGE	IL	2	1
SOUTH SUBURBAN COLLEGE	IL	2	1
SOUTHWESTERN ILLINOIS COLLEGE	IL	2	1
AURORA UNIVERSITY	IL	1	0
AUGUSTANA COLLEGE (IL)	IL	1	1
COLUMBIA COLLEGE CHICAGO	IL	1	1
DEVRY UNIVERSITY - ADDISON, IL	IL	1	1
ILLINOIS CENTRAL COLLEGE	IL	1	1
ILLINOIS COLLEGE	IL	1	1
JOHN A. LOGAN COLLEGE	IL	1	1
JOHN WOOD COMMUNITY COLLEGE	IL	1	1
JOLIET JUNIOR COLLEGE	IL	1	1
LEWIS AND CLARK COMMUNITY COLLEGE	IL	1	1
MALCOLM X COLLEGE - CITY COLLEGES OF CHICAGO	IL	1	1
MCHENRY COUNTY COLLEGE	IL	1	1
MORTON COLLEGE	IL	1	1
OLIVET NAZARENE UNIVERSITY	IL	1	1
ROCKFORD UNIVERSITY	IL	1	1
SOUTHERN ILLINOIS UNIVERSITY - CARBONDALE	IL	1	1
TRINITY CHRISTIAN COLLEGE	IL	1	0
UNIVERSITY OF CHICAGO	IL	1	0
UNIVERSITY OF PHOENIX (IL)	IL	1	0
QUINCY UNIVERSITY	IL	0	0

SOUTHEASTERN ILLINOIS COLLEGE	IL	0	0
PURDUE UNIVERSITY - WEST LAFAYETTE	IN	199	159
BUTLER UNIVERSITY	IN	65	52
INDIANA UNIVERSITY - PURDUE UNIVERSITY - INDIANAPOLIS	IN	11	11
INDIANA UNIVERSITY - SOUTHEAST	IN	11	10
PURDUE UNIVERSITY FORT WAYNE	IN	11	9
INDIANA UNIVERSITY - BLOOMINGTON	IN	9	8
MANCHESTER UNIVERSITY	IN	7	6
BALL STATE UNIVERSITY	IN	6	6
VINCENNES UNIVERSITY	IN	6	5
INDIANA UNIVERSITY - SOUTH BEND	IN	3	3
PURDUE UNIVERSITY - CALUMET (NOW PURDUE UNIVERSITY NORTHWEST)	IN	3	3
UNIVERSITY OF NOTRE DAME	IN	3	3
UNIVERSITY OF SAINT FRANCIS (IN)	IN	3	2
INDIANA UNIVERSITY - KOKOMO	IN	2	2
ANDERSON UNIVERSITY (IN)	IN	2	2
BETHEL COLLEGE - MISHAWAKA	IN	2	2
UNIVERSITY OF INDIANAPOLIS	IN	2	1
UNIVERSITY OF SOUTHERN INDIANA	IN	2	1
DEPAUW UNIVERSITY	IN	1	1
FRANKLIN COLLEGE	IN	1	1
HANOVER COLLEGE	IN	1	1
INDIANA STATE UNIVERSITY	IN	1	1
INDIANA UNIVERSITY - NORTHWEST	IN	1	1
IVY TECHNOLOGY COMMUNITY COLLEGE - BLOOMINGTON	IN	1	1
IVY TECHNOLOGY COMMUNITY COLLEGE - COLUMBUS / FRANKLIN	IN	1	1
IVY TECHNOLOGY COMMUNITY COLLEGE - NORTH CENTRAL / ELKHART, SOUTH BEND, WARSAW	IN	1	1
IVY TECHNOLOGY COMMUNITY COLLEGE - NORTHWEST / EAST CHICAGO, GARY, MICHIGAN CITY, VALPARAISO	IN	1	1
KAPLAN UNIVERSITY (IN) (NOW PURDUE UNIVERSITY GLOBAL)	IN	1	1
SAINT MARY'S COLLEGE (IN)	IN	1	1
SAINT MARY-OF-THE-WOODS COLLEGE	IN	1	1
TAYLOR UNIVERSITY - UPLAND CAMPUS	IN	1	1
TRINE UNIVERSITY	IN	1	1
PURDUE UNIVERSITY - NORTH CENTRAL	IN	0	0
UNIVERSITY OF KANSAS - MAIN CAMPUS	KS	41	39
BUTLER COMMUNITY COLLEGE	KS	9	9
KANSAS STATE UNIVERSITY - MANHATTAN	KS	8	8
JOHNSON COUNTY COMMUNITY COLLEGE	KS	7	6
PITTSBURG STATE UNIVERSITY	KS	6	6
WICHITA STATE UNIVERSITY	KS	5	3
BARTON COUNTY COMMUNITY COLLEGE	KS	3	3
KANSAS CITY KANSAS COMMUNITY COLLEGE	KS	4	2
EMPORIA STATE UNIVERSITY	KS	3	3
HUTCHINSON COMMUNITY COLLEGE	KS	2	2
FRIENDS UNIVERSITY	KS	2	2
LABETTE COMMUNITY COLLEGE	KS	2	2
BAKER UNIVERSITY	KS	1	1
BENEDICTINE COLLEGE	KS	1	1

DODGE CITY COMMUNITY COLLEGE	KS	1	1
FORT HAYS STATE UNIVERSITY	KS	1	1
MCPHERSON COLLEGE	KS	1	1
NEWMAN UNIVERSITY	KS	1	1
OTTAWA UNIVERSITY (KS) - OTTAWA	KS	1	0
HASKELL INDIAN NATIONS UNIVERSITY	KS	0	0
UNIVERSITY OF KENTUCKY	KY	58	54
UNIVERSITY OF LOUISVILLE	KY	23	22
EASTERN KENTUCKY UNIVERSITY	KY	17	15
WESTERN KENTUCKY UNIVERSITY	KY	10	10
MOREHEAD STATE UNIVERSITY	KY	9	9
BIG SANDY COMMUNITY AND TECHNICAL COLLEGE	KY	6	5
NORTHERN KENTUCKY UNIVERSITY	KY	6	4
ALICE LLOYD COLLEGE	KY	5	5
UNIVERSITY OF PIKEVILLE	KY	5	5
GEORGETOWN COLLEGE	KY	4	4
BLUEGRASS COMMUNITY AND TECHNICAL COLLEGE	KY	4	4
ELIZABETHTOWN COMMUNITY AND TECHNICAL COLLEGE	KY	4	4
LINDSEY WILSON COLLEGE	KY	4	4
SPALDING UNIVERSITY	KY	4	4
UNIVERSITY OF THE CUMBERLANDS	KY	4	3
JEFFERSON COMMUNITY AND TECHNICAL COLLEGE	KY	3	3
BELLARMINE UNIVERSITY	KY	3	3
MURRAY STATE UNIVERSITY	KY	3	3
UNION COLLEGE (KY)	KY	3	3
BRESCIA UNIVERSITY	KY	2	2
HAZARD COMMUNITY AND TECHNICAL COLLEGE	KY	2	2
OWENSBORO COMMUNITY AND TECHNICAL COLLEGE	KY	2	2
SOUTHEAST KENTUCKY COMMUNITY AND TECHNICAL COLLEGE	KY	1	1
ASBURY UNIVERSITY	KY	1	1
BOWLING GREEN TECHNICAL COLLEGE (NOW SOUTHCENTRAL KENTUCKY COMMUNITY AND TECHNICAL COLLEGE)	KY	1	1
CENTRE COLLEGE	KY	1	1
KENTUCKY WESLEYAN COLLEGE	KY	1	1
SULLIVAN UNIVERSITY	KY	1	1
THOMAS MORE UNIVERSITY	KY	1	1
TRANSYLVANIA UNIVERSITY	KY	1	0
UNIVERSITY OF LOUISIANA - MONROE	LA	51	49
XAVIER UNIVERSITY OF LOUISIANA	LA	37	28
LOUISIANA STATE UNIVERSITY - A & M COLLEGE - BATON ROUGE	LA	15	15
UNIVERSITY OF NEW ORLEANS	LA	12	10
UNIVERSITY OF LOUISIANA - LAFAYETTE	LA	8	7
DELGADO COMMUNITY COLLEGE	LA	7	5
NICHOLLS STATE UNIVERSITY	LA	6	5
LOUISIANA TECH UNIVERSITY	LA	5	4
NORTHWESTERN STATE UNIVERSITY	LA	5	4
SOUTHERN UNIVERSITY AND A&M COLLEGE	LA	5	3
GRAMBLING STATE UNIVERSITY	LA	4	4
SOUTHEASTERN LOUISIANA UNIVERSITY	LA	4	4
MCNEESE STATE UNIVERSITY	LA	3	1

LOUISIANA STATE UNIVERSITY - BATON ROUGE	LA	3	3
DILLARD UNIVERSITY	LA	2	2
BATON ROUGE COMMUNITY COLLEGE	LA	1	1
BOSSIER PARISH COMMUNITY COLLEGE	LA	1	1
LOUISIANA STATE UNIVERSITY - ALEXANDRIA	LA	1	1
LOUISIANA STATE UNIVERSITY - SHREVEPORT	LA	1	1
SOUTH LOUISIANA COMMUNITY COLLEGE - LAFAYETTE CAMPUS	LA	1	1
TULANE UNIVERSITY	LA	1	0
UNIVERSITY OF HOLY CROSS	LA	1	0
CENTENARY COLLEGE OF LOUISIANA	LA	0	0
MASSACHUSETTS COLLEGE OF PHARMACY AND HEALTH SCIENCE	MA	188	145
NORTHEASTERN UNIVERSITY	MA	51	50
WESTERN NEW ENGLAND UNIVERSITY	MA	23	21
UNIVERSITY OF MASSACHUSETTS - AMHERST	MA	10	10
QUINSIGAMOND COMMUNITY COLLEGE	MA	13	13
UNIVERSITY OF MASSACHUSETTS - BOSTON	MA	8	7
UNIVERSITY OF MASSACHUSETTS - LOWELL	MA	7	6
BOSTON UNIVERSITY	MA	5	4
FITCHBURG STATE UNIVERSITY	MA	5	4
WESTFIELD STATE UNIVERSITY	MA	4	3
BUNKER HILL COMMUNITY COLLEGE	MA	3	2
COLLEGE OF THE HOLY CROSS	MA	3	3
MIDDLESEX COMMUNITY COLLEGE - LOWELL	MA	3	3
TUFTS UNIVERSITY	MA	3	3
WHEATON COLLEGE (MA)	MA	3	2
BRANDEIS UNIVERSITY	MA	2	2
SALEM STATE COLLEGE	MA	2	2
ASSUMPTION UNIVERSITY	MA	2	2
HOLYOKE COMMUNITY COLLEGE	MA	2	2
LASELL COLLEGE	MA	2	2
QUINCY COLLEGE	MA	2	2
SIMMONS UNIVERSITY	MA	2	2
SPRINGFIELD TECHNICAL COMMUNITY COLLEGE	MA	2	2
UNIVERSITY OF MASSACHUSETTS - DARTMOUTH	MA	2	1
BRIDGEWATER STATE UNIVERSITY	MA	1	1
AMERICAN INTERNATIONAL COLLEGE	MA	1	1
BAY PATH COLLEGE	MA	1	1
BOSTON COLLEGE	MA	1	1
CLARK UNIVERSITY	MA	1	1
CURRY COLLEGE	MA	1	1
EMMANUEL COLLEGE (MA)	MA	1	1
FRAMINGHAM STATE UNIVERSITY	MA	1	1
GORDON COLLEGE	MA	1	1
GREENFIELD COMMUNITY COLLEGE	MA	1	1
HARVARD UNIVERSITY	MA	1	1
MASSACHUSETTS BAY COMMUNITY COLLEGE	MA	1	1
MASSACHUSETTS COLLEGE OF LIBERAL ARTS	MA	1	1
MOUNT HOLYOKE COLLEGE	MA	1	1
REGIS COLLEGE	MA	1	1
SMITH COLLEGE	MA	1	1

SPRINGFIELD COLLEGE	MA	1	1
STONEHILL COLLEGE	MA	1	0
SUFFOLK UNIVERSITY	MA	1	0
ELMS COLLEGE	MA	0	0
WORCESTER POLYTECHNIC INSTITUTE	MA	0	0
UNIVERSITY OF WINNIPEG	MB	1	1
UNIVERSITY OF MARYLAND - COLLEGE PARK	MD	19	16
TOWSON UNIVERSITY	MD	16	13
UNIVERSITY OF MARYLAND - BALTIMORE COUNTY	MD	18	17
MONTGOMERY COLLEGE - ROCKVILLE	MD	10	9
HOWARD COMMUNITY COLLEGE	MD	9	5
UNIVERSITY OF MARYLAND - EASTERN SHORE	MD	7	5
MORGAN STATE UNIVERSITY	MD	7	5
SALISBURY UNIVERSITY	MD	7	7
MONTGOMERY COLLEGE - TAKOMA PARK / SILVER SPRINGS	MD	5	5
PRINCE GEORGE'S COMMUNITY COLLEGE	MD	5	4
UNIVERSITY OF MARYLAND - UNIVERSITY COLLEGE (NOW UNIVERSITY OF MARYLAND GLOBAL CAMPUS)	MD	5	5
BOWIE STATE UNIVERSITY	MD	4	3
JOHNS HOPKINS UNIVERSITY	MD	4	2
COMMUNITY COLLEGE OF BALTIMORE COUNTY	MD	4	4
MONTGOMERY COLLEGE - GERMANTOWN	MD	4	4
WASHINGTON COLLEGE	MD	4	3
ANNE ARUNDEL COMMUNITY COLLEGE	MD	2	2
COPPIN STATE UNIVERSITY	MD	2	2
LOYOLA UNIVERSITY MARYLAND	MD	2	2
NOTRE DAME OF MARYLAND UNIVERSITY	MD	2	2
SAINT MARY'S COLLEGE OF MARYLAND	MD	2	1
BALTIMORE CITY COMMUNITY COLLEGE	MD	1	1
CECIL COMMUNITY COLLEGE	MD	1	1
CHESAPEAKE COLLEGE	MD	1	1
COLLEGE OF SOUTHERN MARYLAND	MD	1	1
FREDERICK COMMUNITY COLLEGE	MD	1	1
HARFORD COMMUNITY COLLEGE	MD	1	1
MOUNT SAINT MARY'S UNIVERSITY	MD	1	1
STEVENSON UNIVERSITY	MD	1	0
WASHINGTON ADVENTIST UNIVERSITY	MD	1	0
HUSSON UNIVERSITY	ME	22	22
UNIVERSITY OF NEW ENGLAND	ME	16	12
UNIVERSITY OF MAINE - ORONO	ME	6	6
UNIVERSITY OF SOUTHERN MAINE	ME	3	3
UNIVERSITY OF MAINE - FARMINGTON	ME	2	1
SOUTHERN MAINE COMMUNITY COLLEGE	ME	1	1
SAINT JOSEPH'S COLLEGE OF MAINE	ME	1	1
THOMAS COLLEGE	ME	1	1
UNIVERSITY OF MAINE - AUGUSTA	ME	1	1
UNIVERSITY OF MAINE - FORT KENT	ME	1	1
YORK COUNTY COMMUNITY COLLEGE	ME	1	1
WAYNE STATE UNIVERSITY	MI	84	72
MICHIGAN STATE UNIVERSITY - EAST LANSING	MI	49	45

OAKLAND UNIVERSITY	MI	36	33
FERRIS STATE UNIVERSITY	MI	32	29
UNIVERSITY OF MICHIGAN - ANN ARBOR	MI	30	28
UNIVERSITY OF MICHIGAN - DEARBORN	MI	21	17
GRAND VALLEY STATE UNIVERSITY	MI	18	17
WAYNE COUNTY COMMUNITY COLLEGE	MI	13	9
HENRY FORD COMMUNITY COLLEGE	MI	13	9
UNIVERSITY OF DETROIT MERCY	MI	11	7
OAKLAND COMMUNITY COLLEGE (MI)	MI	7	7
SCHOOLCRAFT COLLEGE	MI	7	6
WESTERN MICHIGAN UNIVERSITY	MI	7	6
CENTRAL MICHIGAN UNIVERSITY	MI	7	7
EASTERN MICHIGAN UNIVERSITY	MI	6	6
MACOMB COMMUNITY COLLEGE	MI	6	6
SAGINAW VALLEY STATE UNIVERSITY	MI	6	4
KALAMAZOO VALLEY COMMUNITY COLLEGE	MI	4	3
LANSING COMMUNITY COLLEGE	MI	4	3
DELTA COLLEGE	MI	3	3
GRAND RAPIDS COMMUNITY COLLEGE	MI	3	3
MADONNA UNIVERSITY	MI	3	2
NORTHERN MICHIGAN UNIVERSITY	MI	3	2
ALBION COLLEGE	MI	2	2
HILLSDALE COLLEGE	MI	2	2
MICHIGAN TECHNOLOGICAL UNIVERSITY	MI	2	2
WASHTENAW COMMUNITY COLLEGE	MI	2	1
KALAMAZOO COLLEGE	MI	1	1
ANDREWS UNIVERSITY	MI	0	0
ADRIAN COLLEGE	MI	1	1
BAKER COLLEGE - ALLEN PARK, MI	MI	1	1
BAY COLLEGE	MI	1	1
CORNERSTONE UNIVERSITY	MI	1	1
DAVENPORT UNIVERSITY - WESTERN REGION-GRAND RAPIDS / LANSING / HOLLAND / KALAMAZOO	MI	1	1
HOPE COLLEGE	MI	1	1
KIRTLAND COMMUNITY COLLEGE	MI	1	1
LAKE MICHIGAN COLLEGE	MI	1	1
NORTHWOOD UNIVERSITY (MI)	MI	1	1
SIENA HEIGHTS UNIVERSITY	MI	1	1
UNIVERSITY OF MICHIGAN - FLINT	MI	1	1
WEST SHORE COMMUNITY COLLEGE	MI	1	0
ALPENA COMMUNITY COLLEGE	MI	0	0
CALVIN COLLEGE	MI	0	0
UNIVERSITY OF MINNESOTA - TWIN CITIES	MN	35	32
UNIVERSITY OF MINNESOTA - DULUTH	MN	20	18
WINONA STATE UNIVERSITY	MN	6	6
METROPOLITAN STATE UNIVERSITY	MN	5	5
UNIVERSITY OF MINNESOTA - ROCHESTER	MN	5	4
UNIVERSITY OF SAINT THOMAS (MN)	MN	4	3
SAINT OLAF COLLEGE	MN	3	3
HAMLIN UNIVERSITY	MN	3	3

MINNESOTA STATE UNIVERSITY - MANKATO	MN	3	2
ANOKA-RAMSEY COMMUNITY COLLEGE	MN	2	2
BEMIDJI STATE UNIVERSITY	MN	2	2
CENTURY COLLEGE	MN	2	2
MINNESOTA STATE UNIVERSITY - MOORHEAD	MN	2	1
NORMANDEALE COMMUNITY COLLEGE	MN	2	1
SAINT CLOUD STATE UNIVERSITY	MN	2	1
SAINT MARY'S UNIVERSITY OF MINNESOTA	MN	1	1
BETHEL UNIVERSITY	MN	1	1
CAPELLA UNIVERSITY	MN	1	1
CARLETON COLLEGE	MN	1	1
COLLEGE OF SAINT BENEDICT / SAINT JOHN'S UNIVERSITY	MN	1	1
COLLEGE OF SAINT SCHOLASTICA	MN	1	1
CONCORDIA COLLEGE - MOORHEAD	MN	1	1
CONCORDIA UNIVERSITY - SAINT PAUL	MN	1	1
GUSTAVUS ADOLPHUS COLLEGE	MN	1	1
INVER HILLS COMMUNITY COLLEGE	MN	1	1
MINNEAPOLIS COMMUNITY AND TECHNICAL COLLEGE	MN	1	1
SAINT PAUL COLLEGE - A COMMUNITY AND TECHNICAL COLLEGE	MN	1	1
SOUTHWEST MINNESOTA STATE UNIVERSITY	MN	1	1
UNIVERSITY OF NORTHWESTERN - ST. PAUL	MN	1	0
AUGSBURG UNIVERSITY	MN	0	0
SAINT CATHERINE UNIVERSITY	MN	0	0
UNIVERSITY OF HEALTH SCIENCES AND PHARMACY IN ST. LOUIS	MO	61	58
UNIVERSITY OF MISSOURI - KANSAS CITY	MO	32	29
UNIVERSITY OF MISSOURI - COLUMBIA	MO	28	26
MISSOURI STATE UNIVERSITY - SPRINGFIELD	MO	13	13
UNIVERSITY OF MISSOURI - SAINT LOUIS	MO	7	6
ROCKHURST UNIVERSITY	MO	6	1
OZARKS TECHNICAL COMMUNITY COLLEGE	MO	5	5
MISSOURI SOUTHERN STATE UNIVERSITY	MO	4	4
SAINT LOUIS UNIVERSITY (MISSOURI)	MO	4	4
SAINT LOUIS COMMUNITY COLLEGE - MERAMEC, MO	MO	2	0
AVILA UNIVERSITY	MO	2	2
SAINT CHARLES COMMUNITY COLLEGE	MO	2	2
CENTRAL METHODIST UNIVERSITY	MO	2	2
LINDENWOOD UNIVERSITY	MO	2	2
MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY (MISSOURI S & T)	MO	2	2
NORTHWEST MISSOURI STATE UNIVERSITY	MO	2	2
SOUTHEAST MISSOURI STATE UNIVERSITY	MO	2	2
WASHINGTON UNIVERSITY IN SAINT LOUIS	MO	2	1
COLUMBIA COLLEGE (MO)	MO	1	1
DRURY UNIVERSITY	MO	1	1
EVANGEL UNIVERSITY	MO	1	1
HANNIBAL-LAGRANGE COLLEGE	MO	1	1
MARYVILLE UNIVERSITY OF SAINT LOUIS	MO	1	1
METROPOLITAN COMMUNITY COLLEGE - LONGVIEW	MO	1	1
METROPOLITAN COMMUNITY COLLEGE - PENN VALLEY	MO	1	1
MISSOURI BAPTIST UNIVERSITY	MO	1	1
MISSOURI STATE UNIVERSITY - WEST PLAINS	MO	1	1

MISSOURI WESTERN STATE UNIVERSITY	MO	1	1
MOBERLY AREA COMMUNITY COLLEGE	MO	1	1
PARK UNIVERSITY	MO	1	1
SAINT LOUIS COMMUNITY COLLEGE - FOREST PARK, MO	MO	1	1
ST. LOUIS COMMUNITY COLLEGE FLORISSANT VALLEY, MO / MAIN CAMPUS	MO	1	1
TRUMAN STATE UNIVERSITY	MO	1	0
UNIVERSITY OF CENTRAL MISSOURI	MO	1	0
WILLIAM JEWELL COLLEGE	MO	1	0
UNIVERSITY OF MISSISSIPPI	MS	67	58
UNIVERSITY OF SOUTHERN MISSISSIPPI	MS	16	12
MISSISSIPPI STATE UNIVERSITY	MS	10	7
JACKSON STATE UNIVERSITY	MS	11	10
WILLIAM CAREY UNIVERSITY	MS	10	9
MISSISSIPPI GULF COAST COMMUNITY COLLEGE	MS	7	4
ALCORN STATE UNIVERSITY	MS	3	3
RUST COLLEGE	MS	2	2
MILLSAPS COLLEGE	MS	2	2
BLUE MOUNTAIN COLLEGE	MS	1	1
DELTA STATE UNIVERSITY	MS	1	1
EAST CENTRAL COMMUNITY COLLEGE	MS	1	1
EAST MISSISSIPPI COMMUNITY COLLEGE	MS	1	1
HOLMES COMMUNITY COLLEGE	MS	1	1
ITAWAMBA COMMUNITY COLLEGE	MS	1	1
JONES COUNTY JUNIOR COLLEGE	MS	1	1
MISSISSIPPI UNIVERSITY FOR WOMEN	MS	1	0
MISSISSIPPI VALLEY STATE UNIVERSITY	MS	1	0
SOUTHWEST MISSISSIPPI COMMUNITY COLLEGE	MS	1	0
TOUGALOO COLLEGE	MS	1	0
UNIVERSITY OF MONTANA - MISSOULA	MT	15	15
MONTANA STATE UNIVERSITY - BOZEMAN	MT	3	3
CARROLL COLLEGE - HELENA	MT	2	2
MONTANA STATE UNIVERSITY - BILLINGS	MT	1	1
CITY COLLEGE AT MONTANA STATE UNIVERSITY BILLINGS	MT	1	1
HELENA COLLEGE UNIVERSITY OF MONTANA	MT	1	1
MONTANA STATE UNIVERSITY - NORTHERN	MT	1	1
MONTANA TECHNOLOGICAL UNIVERSITY	MT	1	1
UNIVERSITY OF NORTH CAROLINA - CHAPEL HILL	NC	39	37
NORTH CAROLINA STATE UNIVERSITY	NC	24	23
CAMPBELL UNIVERSITY	NC	21	20
WINGATE UNIVERSITY	NC	20	17
EAST CAROLINA UNIVERSITY	NC	20	16
UNIVERSITY OF NORTH CAROLINA - CHARLOTTE	NC	18	17
HIGH POINT UNIVERSITY	NC	12	12
APPALACHIAN STATE UNIVERSITY	NC	10	9
UNIVERSITY OF NORTH CAROLINA - PEMBROKE	NC	10	9
WESTERN CAROLINA UNIVERSITY	NC	8	8
NORTH CAROLINA CENTRAL UNIVERSITY	NC	7	7
UNIVERSITY OF NORTH CAROLINA - GREENSBORO	NC	7	7
UNIVERSITY OF NORTH CAROLINA - WILMINGTON	NC	6	5
GUILFORD TECHNICAL COMMUNITY COLLEGE	NC	5	4

DUKE UNIVERSITY	NC	4	3
WINSTON-SALEM STATE UNIVERSITY	NC	4	3
DURHAM TECHNICAL COMMUNITY COLLEGE	NC	3	3
WAKE FOREST UNIVERSITY	NC	3	3
ELIZABETH CITY STATE UNIVERSITY	NC	3	3
NORTH CAROLINA AGRICULTURAL AND TECHNICAL STATE UNIVERSITY	NC	3	2
ASHEVILLE - BUNCOMBE TECHNICAL COMMUNITY COLLEGE	NC	2	2
ISOTHERMAL COMMUNITY COLLEGE	NC	2	2
CENTRAL CAROLINA COMMUNITY COLLEGE	NC	2	2
FAYETTEVILLE STATE UNIVERSITY	NC	2	2
FORSYTH TECHNICAL COMMUNITY COLLEGE	NC	2	2
MEREDITH COLLEGE	NC	2	2
NORTH CAROLINA WESLEYAN COLLEGE	NC	2	2
RICHMOND COMMUNITY COLLEGE	NC	2	2
ROWAN-CABARRUS COMMUNITY COLLEGE	NC	2	1
WAKE TECHNICAL COMMUNITY COLLEGE	NC	2	1
CENTRAL PIEDMONT COMMUNITY COLLEGE	NC	1	1
FAYETTEVILLE TECHNICAL COMMUNITY COLLEGE	NC	1	1
QUEENS UNIVERSITY OF CHARLOTTE	NC	1	1
BELMONT ABBEY COLLEGE	NC	1	1
BENNETT COLLEGE	NC	1	1
BLUE RIDGE COMMUNITY COLLEGE - FLAT ROCK	NC	1	1
BREVARD COLLEGE	NC	1	1
CALDWELL COMMUNITY COLLEGE AND TECHNICAL INSTITUTE	NC	1	1
CAPE FEAR COMMUNITY COLLEGE	NC	1	1
CATAWBA VALLEY COMMUNITY COLLEGE	NC	1	1
DAVIDSON COLLEGE	NC	1	1
DAVIDSON COUNTY COMMUNITY COLLEGE	NC	1	1
ELON UNIVERSITY	NC	1	1
GARDNER-WEBB UNIVERSITY	NC	1	1
JOHNSON C. SMITH UNIVERSITY	NC	1	1
LIVINGSTONE COLLEGE	NC	1	1
MITCHELL COMMUNITY COLLEGE	NC	1	1
MOUNT OLIVE COLLEGE	NC	1	1
PFEIFFER UNIVERSITY	NC	1	1
SALEM COLLEGE	NC	1	1
SHAW UNIVERSITY	NC	1	1
SURRY COMMUNITY COLLEGE	NC	1	0
UNIVERSITY OF NORTH CAROLINA - ASHEVILLE	NC	1	0
WILKES COMMUNITY COLLEGE	NC	1	0
JOHNSTON COMMUNITY COLLEGE	NC	0	0
MAYLAND COMMUNITY COLLEGE	NC	0	0
NASH COMMUNITY COLLEGE	NC	0	0
WILLIAM PEACE UNIVERSITY	NC	0	0
NORTH DAKOTA STATE UNIVERSITY - MAIN CAMPUS	ND	1	0
MINOT STATE UNIVERSITY - MINOT CAMPUS	ND	1	1
UNIVERSITY OF MARY	ND	1	0
CREIGHTON UNIVERSITY	NE	33	32
UNIVERSITY OF NEBRASKA - LINCOLN	NE	18	17
UNIVERSITY OF NEBRASKA - OMAHA	NE	15	11

UNIVERSITY OF NEBRASKA - KEARNEY	NE	10	10
DOANE COLLEGE (NOW DOANE UNIVERSITY)	NE	8	7
WAYNE STATE COLLEGE	NE	5	5
CHADRON STATE COLLEGE	NE	3	3
HASTINGS COLLEGE	NE	3	3
NEBRASKA WESLEYAN UNIVERSITY	NE	3	3
SOUTHEAST COMMUNITY COLLEGE - LINCOLN	NE	2	1
CENTRAL COMMUNITY COLLEGE	NE	1	1
CONCORDIA UNIVERSITY - SEWARD	NE	1	1
PERU STATE COLLEGE	NE	1	0
UNIVERSITY OF NEW HAMPSHIRE - MANCHESTER	NH	5	5
SOUTHERN NEW HAMPSHIRE UNIVERSITY	NH	4	1
SAINT ANSELM COLLEGE	NH	4	4
UNIVERSITY OF NEW HAMPSHIRE - DURHAM	NH	4	4
NEW ENGLAND COLLEGE	NH	2	2
RIVIER UNIVERSITY	NH	2	1
MANCHESTER COMMUNITY COLLEGE (NEW HAMPSHIRE)	NH	1	1
NASHUA COMMUNITY COLLEGE	NH	1	1
PLYMOUTH STATE UNIVERSITY	NH	1	1
RUTGERS - STATE UNIVERSITY OF NEW JERSEY - NEWARK	NJ	28	26
RUTGERS - STATE UNIVERSITY OF NEW JERSEY - NEW BRUNSWICK	NJ	24	17
MONTCLAIR STATE UNIVERSITY	NJ	19	18
ROWAN UNIVERSITY - MAIN CAMPUS	NJ	8	7
RUTGERS - STATE UNIVERSITY OF NEW JERSEY - CAMDEN	NJ	8	6
FAIRLEIGH DICKINSON UNIVERSITY - FLORHAM CAMPUS	NJ	7	6
NEW JERSEY INSTITUTE OF TECHNOLOGY	NJ	6	6
SAINT PETER'S COLLEGE	NJ	5	4
STOCKTON UNIVERSITY	NJ	5	3
KEAN UNIVERSITY	NJ	4	3
COLLEGE OF NEW JERSEY	NJ	5	5
NEW JERSEY CITY UNIVERSITY	NJ	5	5
SETON HALL UNIVERSITY - SOUTH ORANGE	NJ	2	2
FAIRLEIGH DICKINSON UNIVERSITY - METROPOLITAN CAMPUS	NJ	4	4
MIDDLESEX COUNTY COLLEGE	NJ	4	4
MONMOUTH UNIVERSITY	NJ	4	4
HUDSON COUNTY COMMUNITY COLLEGE	NJ	2	2
ESSEX COUNTY COLLEGE	NJ	3	3
RAMAPO COLLEGE OF NEW JERSEY	NJ	3	2
BERGEN COMMUNITY COLLEGE	NJ	2	2
OCEAN COUNTY COLLEGE	NJ	2	1
DREW UNIVERSITY	NJ	2	2
RARITAN VALLEY COMMUNITY COLLEGE	NJ	2	2
RUTGERS - STATE UNIVERSITY OF NEW JERSEY - SEBS	NJ	2	2
WILLIAM PATERSON UNIVERSITY OF NEW JERSEY	NJ	2	2
BLOOMFIELD COLLEGE	NJ	1	1
BROOKDALE COMMUNITY COLLEGE	NJ	1	1
CAMDEN COUNTY COLLEGE	NJ	1	1
CUMBERLAND COUNTY COLLEGE	NJ	1	1
FELICIAN COLLEGE (NEW JERSEY) (NOW FELICIAN UNIVERSITY)	NJ	1	1
PASSAIC COUNTY COMMUNITY COLLEGE	NJ	1	1

ROWAN COLLEGE AT BURLINGTON COUNTY	NJ	1	1
ROWAN COLLEGE OF SOUTH JERSEY	NJ	1	1
RUTGERS - STATE UNIVERSITY OF NEW JERSEY - DOUGLASS	NJ	1	1
UNION COUNTY COLLEGE	NJ	1	0
PRINCETON UNIVERSITY	NJ	0	0
RUTGERS - STATE UNIVERSITY OF NEW JERSEY - GRADUATE SCHOOL OF BIOMEDICAL SCIENCES	NJ	0	0
SALEM COMMUNITY COLLEGE	NJ	0	0
THOMAS EDISON STATE UNIVERSITY	NJ	0	0
MEMORIAL UNIVERSITY OF NEWFOUNDLAND - SAINT JOHN'S	NL	1	0
UNIVERSITY OF NEW MEXICO - ALBUQUERQUE	NM	34	31
NEW MEXICO STATE UNIVERSITY - LAS CRUCES	NM	13	11
CENTRAL NEW MEXICO COMMUNITY COLLEGE	NM	8	6
EASTERN NEW MEXICO UNIVERSITY - PORTALES	NM	4	4
SAN JUAN COLLEGE	NM	1	1
CLOVIS COMMUNITY COLLEGE	NM	1	1
NEW MEXICO HIGHLANDS UNIVERSITY	NM	1	1
NEW MEXICO STATE UNIVERSITY - ALAMOGORDO	NM	1	1
UNIVERSITY OF NEVADA - LAS VEGAS	NV	19	15
UNIVERSITY OF NEVADA - RENO	NV	13	13
COLLEGE OF SOUTHERN NEVADA	NV	12	8
NEVADA STATE COLLEGE	NV	4	3
GREAT BASIN COLLEGE	NV	1	1
PIMA MEDICAL INSTITUTE - LAS VEGAS	NV	1	1
ROSEMAN UNIVERSITY OF HEALTH SCIENCES - HENDERSON, NV	NV	1	0
UNIVERSITY AT BUFFALO	NY	114	85
LONG ISLAND UNIVERSITY - BROOKLYN CAMPUS	NY	98	89
ALBANY COLLEGE OF PHARMACY	NY	66	54
SUNY - BINGHAMTON UNIVERSITY	NY	38	35
SUNY - STONY BROOK	NY	25	25
SAINT JOHN FISHER COLLEGE	NY	24	24
SAINT JOHN'S UNIVERSITY (NY)	NY	14	13
CUNY - COLLEGE OF STATEN ISLAND	NY	13	11
CUNY - HUNTER COLLEGE	NY	15	14
UNIVERSITY AT ALBANY	NY	11	10
D'YOUVILLE COLLEGE	NY	14	14
CUNY - BROOKLYN COLLEGE	NY	13	9
CUNY - LEHMAN COLLEGE	NY	9	8
TOURO UNIVERSITY	NY	10	9
CUNY - CITY COLLEGE	NY	8	7
SYRACUSE UNIVERSITY	NY	8	7
CUNY - KINGSBOROUGH COMMUNITY COLLEGE	NY	7	7
NASSAU COMMUNITY COLLEGE	NY	7	3
SUNY - OLD WESTBURY	NY	5	4
CUNY - MEDGAR EVERS COLLEGE	NY	4	3
LE MOYNE COLLEGE	NY	4	3
BROOME COMMUNITY COLLEGE	NY	4	4
ERIE COMMUNITY COLLEGE - NORTH CAMPUS	NY	4	4
NEW YORK INSTITUTE OF TECHNOLOGY - OLD WESTBURY	NY	4	4
ONONDAGA COMMUNITY COLLEGE	NY	4	3

SUNY - PLATTSBURGH	NY	4	3
MONROE COMMUNITY COLLEGE - ROCHESTER	NY	3	3
SUNY - GENESEO	NY	3	2
UTICA COLLEGE	NY	3	2
CORNELL UNIVERSITY	NY	2	2
CANISIUS COLLEGE	NY	3	3
CLARKSON UNIVERSITY	NY	3	3
CUNY - BOROUGH OF MANHATTAN COMMUNITY COLLEGE	NY	3	3
CUNY - QUEENSBOROUGH COMMUNITY COLLEGE	NY	3	3
MANHATTAN COLLEGE	NY	3	2
MERCY COLLEGE	NY	3	2
SUNY - FARMINGDALE STATE COLLEGE	NY	3	2
ADELPHI UNIVERSITY	NY	2	2
IONA COLLEGE	NY	2	2
NEW YORK UNIVERSITY	NY	2	1
ROCHESTER INSTITUTE OF TECHNOLOGY	NY	1	1
COLLEGE OF SAINT ROSE	NY	2	2
CORNING COMMUNITY COLLEGE	NY	2	2
CUNY - JOHN JAY COLLEGE OF CRIMINAL JUSTICE	NY	2	2
CUNY - NEW YORK CITY COLLEGE OF TECHNOLOGY	NY	2	2
CUNY - QUEENS COLLEGE	NY	2	2
EXCELSIOR UNIVERSITY	NY	2	2
HOUGHTON COLLEGE	NY	2	2
JAMESTOWN COMMUNITY COLLEGE	NY	2	2
MOLLOY COLLEGE	NY	2	2
NAZARETH COLLEGE (NY)	NY	2	2
SUNY - BROCKPORT	NY	2	2
SUNY - CORTLAND	NY	2	2
SUNY - ROCKLAND COMMUNITY COLLEGE	NY	2	2
VASSAR COLLEGE	NY	2	1
CUNY - BARUCH COLLEGE	NY	1	1
DAEMEN UNIVERSITY	NY	1	1
HOFSTRA UNIVERSITY	NY	1	1
UNIVERSITY OF ROCHESTER	NY	1	0
ADIRONDACK COMMUNITY COLLEGE (NOW SUNY ADIRONDACK)	NY	1	1
ALFRED UNIVERSITY	NY	1	1
BRAMSON O R T COLLEGE	NY	1	1
COLLEGE OF MOUNT SAINT VINCENT	NY	1	1
COLUMBIA-GREENE COMMUNITY COLLEGE	NY	1	1
ELMIRA COLLEGE	NY	1	1
ERIE COMMUNITY COLLEGE - CENTER REPORT	NY	1	1
ERIE COMMUNITY COLLEGE - SOUTH CAMPUS	NY	1	1
FINGER LAKES COMMUNITY COLLEGE	NY	1	1
HAMILTON COLLEGE	NY	1	1
HARTWICK COLLEGE	NY	1	1
HOBART AND WILLIAM SMITH COLLEGES	NY	1	1
HUDSON VALLEY COMMUNITY COLLEGE	NY	1	1
ITHACA COLLEGE	NY	1	1
KEUKA COLLEGE	NY	1	1
LONG ISLAND UNIVERSITY - C.W. POST CAMPUS	NY	1	1

MARIST COLLEGE	NY	1	1
MEDAILLE COLLEGE	NY	1	1
MOUNT SAINT MARY COLLEGE	NY	1	1
NIAGARA COUNTY COMMUNITY COLLEGE	NY	1	1
NIAGARA UNIVERSITY	NY	1	1
ORANGE COUNTY COMMUNITY COLLEGE	NY	1	1
PACE UNIVERSITY - NEW YORK	NY	1	1
PACE UNIVERSITY - PLEASANTVILLE / BRIARCLIFF	NY	1	1
RUSSELL SAGE COLLEGE	NY	1	1
SAINT JOSEPHS COLLEGE	NY	1	1
SAINT THOMAS AQUINAS COLLEGE	NY	1	1
SKIDMORE COLLEGE	NY	1	1
SUFFOLK COUNTY COMMUNITY COLLEGE - AMMERMAN CAMPUS / SELDON	NY	1	1
SUNY - BUFFALO STATE	NY	1	1
SUNY - COBLESKILL	NY	1	1
SUNY - EMPIRE STATE UNIVERSITY (FORMERLY SUNY - EMPIRE STATE COLLEGE)	NY	1	1
SUNY - FREDONIA	NY	1	1
SUNY - JEFFERSON COMMUNITY COLLEGE - WATERTOWN	NY	1	1
SUNY - NEW PALTZ	NY	1	1
SUNY - ONEONTA	NY	1	0
SUNY - OSWEGO	NY	1	0
SUNY - PURCHASE COLLEGE	NY	1	0
SUNY - WESTCHESTER COMMUNITY COLLEGE	NY	1	0
SUNY COLLEGE OF ENVIRONMENTAL SCIENCE AND FORESTRY	NY	1	0
UNITED STATES MERCHANT MARINE ACADEMY	NY	1	0
UNITED STATES MILITARY ACADEMY - WESTPOINT	NY	1	0
SIENA COLLEGE	NY	0	0
SUFFOLK COUNTY COMMUNITY COLLEGE - GRANT CAMPUS / BRENTWOOD	NY	0	0
OHIO NORTHERN UNIVERSITY	OH	74	74
UNIVERSITY OF TOLEDO	OH	68	67
OHIO STATE UNIVERSITY	OH	63	57
UNIVERSITY OF CINCINNATI - MAIN CAMPUS	OH	59	52
UNIVERSITY OF FINDLAY	OH	26	26
CLEVELAND STATE UNIVERSITY	OH	23	21
CEDARVILLE UNIVERSITY	OH	13	13
UNIVERSITY OF AKRON - AKRON CAMPUS	OH	11	11
UNIVERSITY OF CINCINNATI - BLUE ASH COLLEGE	OH	11	11
YOUNGSTOWN STATE UNIVERSITY	OH	10	9
KENT STATE UNIVERSITY - ASHTABULA/EAST LIVERPOOL/GEAUGA/KENT/SALEM/STARK/TRUMBULL/TUSCARAWAS, OH	OH	8	8
SHAWNEE STATE UNIVERSITY	OH	7	7
COLUMBUS STATE COMMUNITY COLLEGE	OH	6	6
JOHN CARROLL UNIVERSITY	OH	6	5
CASE WESTERN RESERVE UNIVERSITY	OH	5	3
OHIO WESLEYAN UNIVERSITY	OH	5	5
UNIVERSITY OF DAYTON	OH	5	4
MIAMI UNIVERSITY - OXFORD	OH	4	4
WRIGHT STATE UNIVERSITY - DAYTON CAMPUS	OH	4	4
BOWLING GREEN STATE UNIVERSITY	OH	4	4
OHIO UNIVERSITY - ATHENS	OH	4	4

STARK STATE COLLEGE	OH	4	4
UNIVERSITY OF CINCINNATI - CLERMONT COLLEGE	OH	4	4
LORAIN COUNTY COMMUNITY COLLEGE	OH	3	3
UNIVERSITY OF TOLEDO - HEALTH SCIENCE CAMPUS	OH	3	3
WILMINGTON COLLEGE (OH)	OH	3	1
CINCINNATI STATE TECHNICAL AND COMMUNITY COLLEGE	OH	2	2
CUYAHOGA COMMUNITY COLLEGE - CORPORATE COLLEGE WEST	OH	2	2
CUYAHOGA COMMUNITY COLLEGE - WESTSHORE	OH	2	2
XAVIER UNIVERSITY	OH	2	1
CUYAHOGA COMMUNITY COLLEGE - EASTERN	OH	1	1
WALSH UNIVERSITY	OH	1	1
BALDWIN-WALLACE COLLEGE	OH	1	1
BRADFORD SCHOOL - COLUMBUS	OH	1	1
CINCINNATI COLLEGE OF MORTUARY SCIENCE	OH	1	1
KENYON COLLEGE	OH	1	1
MOUNT ST. JOSEPH UNIVERSITY	OH	1	1
MOUNT VERNON NAZARENE UNIVERSITY	OH	1	1
OHIO DOMINICAN UNIVERSITY	OH	1	1
OWENS COMMUNITY COLLEGE - TOLEDO CAMPUS	OH	1	1
UNIVERSITY OF MOUNT UNION	OH	1	1
UNIVERSITY OF RIO GRANDE	OH	1	0
URSULINE COLLEGE	OH	1	0
WILBERFORCE UNIVERSITY	OH	1	0
CENTRAL STATE UNIVERSITY	OH	0	0
CUYAHOGA COMMUNITY COLLEGE - METROPOLITAN	OH	0	0
UNIVERSITY OF OKLAHOMA - NORMAN CAMPUS	OK	39	37
OKLAHOMA STATE UNIVERSITY - STILLWATER	OK	10	8
UNIVERSITY OF CENTRAL OKLAHOMA	OK	9	5
NORTHEASTERN STATE UNIVERSITY	OK	5	5
TULSA COMMUNITY COLLEGE	OK	4	3
LANGSTON UNIVERSITY	OK	2	2
OKLAHOMA CITY COMMUNITY COLLEGE	OK	2	2
UNIVERSITY OF TULSA	OK	2	1
OKLAHOMA BAPTIST UNIVERSITY	OK	1	1
ROSE STATE COLLEGE	OK	1	1
CAMERON UNIVERSITY	OK	1	1
MID-AMERICA CHRISTIAN UNIVERSITY	OK	1	1
MURRAY STATE COLLEGE	OK	1	1
NORTHWESTERN OKLAHOMA STATE UNIVERSITY	OK	1	1
OKLAHOMA CITY UNIVERSITY	OK	1	1
OKLAHOMA WESLEYAN UNIVERSITY	OK	1	1
ORAL ROBERTS UNIVERSITY	OK	1	1
ROGERS STATE UNIVERSITY	OK	1	1
SOUTHERN NAZARENE UNIVERSITY	OK	1	1
SOUTHWESTERN OKLAHOMA STATE UNIVERSITY	OK	1	0
OKLAHOMA STATE UNIVERSITY - OKLAHOMA CITY	OK	0	0
YORK UNIVERSITY - MAIN CAMPUS	ON	13	9
UNIVERSITY OF WINDSOR - MAIN CAMPUS	ON	15	13
UNIVERSITY OF WATERLOO - MAIN CAMPUS	ON	7	6
UNIVERSITY OF WESTERN ONTARIO - MAIN CAMPUS	ON	7	7

CARLETON UNIVERSITY	ON	3	2
QUEEN'S UNIVERSITY - MAIN CAMPUS	ON	2	2
UNIVERSITY OF GUELPH	ON	1	1
UNIVERSITY OF ONTARIO INSTITUTE OF TECHNOLOGY	ON	1	0
BROCK UNIVERSITY	ON	2	2
TORONTO METROPOLITAN UNIVERSITY (FORMERLY RYERSON UNIVERSITY)	ON	2	2
UNIVERSITY OF TORONTO - SCARBOROUGH	ON	2	1
UNIVERSITY OF TORONTO - UNIVERSITY COLLEGE	ON	2	1
UNIVERSITY OF TORONTO - WOODSWORTH COLLEGE	ON	2	1
WILFRID LAURIER UNIVERSITY	ON	2	0
MCMASTER UNIVERSITY	ON	1	1
SAINT CLAIR COLLEGE - SOUTH CAMPUS/CENTRE FOR THE ARTS/MEDIAPLEX/THAMES CAMPUS	ON	1	1
UNIVERSITY OF TORONTO - NEW COLLEGE	ON	1	1
UNIVERSITY OF TORONTO - SAINT GEORGE'S CAMPUS	ON	1	1
UNIVERSITY OF TORONTO - VICTORIA UNIVERSITY	ON	1	0
UNIVERSITY OF WINDSOR - ASSUMPTION UNIVERSITY	ON	1	0
UNIVERSITY OF OTTAWA	ON	0	0
UNIVERSITY OF TORONTO - UNIVERSITY OF SAINT MICHAEL'S COLLEGE	ON	0	0
OREGON STATE UNIVERSITY	OR	40	38
PORTLAND STATE UNIVERSITY	OR	18	17
PACIFIC UNIVERSITY	OR	14	13
OREGON INSTITUTE OF TECHNOLOGY	OR	6	6
PORTLAND COMMUNITY COLLEGE	OR	5	5
UNIVERSITY OF OREGON - EUGENE	OR	3	2
GEORGE FOX UNIVERSITY	OR	3	3
LEWIS AND CLARK COLLEGE	OR	3	3
MOUNT HOOD COMMUNITY COLLEGE	OR	2	2
SOUTHERN OREGON UNIVERSITY	OR	2	2
UNIVERSITY OF PORTLAND	OR	1	1
BLUE MOUNTAIN COMMUNITY COLLEGE	OR	1	1
EASTERN OREGON UNIVERSITY	OR	1	1
LANE COMMUNITY COLLEGE	OR	1	1
NATIONAL COLLEGE OF NATURAL MEDICINE	OR	1	1
REED COLLEGE	OR	1	1
SOUTHWESTERN OREGON COMMUNITY COLLEGE	OR	1	0
KWAME NKRUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY	OT	4	3
GUJARAT TECHNOLOGICAL UNIVERSITY	OT	3	3
ISLAMIC AZAD UNIVERSITY	OT	3	2
NORTH SOUTH UNIVERSITY	OT	3	2
ALEXANDRIA UNIVERSITY	OT	2	2
MAHATMA GANDHI UNIVERSITY	OT	2	2
AL AZHAR UNIVERSITY	OT	1	1
AL MUSTANSIRYA MEDICAL SCHOOL	OT	1	1
AMERICAN UNIVERSITY OF SHARJAH	OT	1	1
BAYERO UNIVERSITY	OT	1	1
BEIJING LANGUAGE AND CULTURE UNIVERSITY	OT	1	1
BIRZEIT UNIVERSITY	OT	1	1
CAIRO UNIVERSITY	OT	1	1
CENTRO ESCOLAR UNIVERSITY	OT	1	1

CHUNGBUK NATIONAL UNIVERSITY	OT	1	1
DANKOOK UNIVERSITY	OT	1	1
FAR EASTERN UNIVERSITY (PHILIPPINES)	OT	1	1
GERMAN UNIVERSITY IN CAIRO	OT	1	1
I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY, JALANDHAR	OT	1	1
ISFAHAN UNIVERSITY TECHNOLOGY	OT	1	1
JAMIA HAMDARD UNIVERSITY	OT	1	1
JAWAHARLAL NEHRU UNIVERSITY	OT	1	1
KENYATTA UNIVERSITY	OT	1	1
LEBANESE AMERICAN UNIVERSITY - BEIRUT	OT	1	1
LEBANESE AMERICAN UNIVERSITY - BYBLOS	OT	1	1
MAHIDOL UNIVERSITY	OT	1	1
NAGARJUNA UNIVERSITY	OT	1	1
NIRMA UNIVERSITY	OT	1	1
NNAMDI AZIKIWE UNIVERSITY	OT	1	1
NNAMDI AZIKIWE UNIVERSITY COLLEGE OF HEALTH SCIENCES	OT	1	1
OLABISI ONABANJO UNIVERSITY	OT	1	1
SANA'A UNIVERSITY	OT	1	1
SUN YAT-SEN UNIVERSITY	OT	1	1
TĀĴĀŽRGU - MURE UNIVERSITY OF MEDICINE AND PHARMACY	OT	1	1
UNIVERSIDAD AUTONOMA DE CIUDAD JUAREZ	OT	1	1
UNIVERSIDAD AUTONOMA SAN LUIS POTOSI	OT	1	1
UNIVERSITY OF ABERDEEN	OT	1	1
UNIVERSITY OF ABIDJAN	OT	1	1
UNIVERSITY OF BAGHDAD	OT	1	1
UNIVERSITY OF BENIN - COLLEGE OF HEALTH SCIENCES	OT	1	1
UNIVERSITY OF BOLOGNA	OT	1	1
UNIVERSITY OF DEBRECEN - MEDICAL AND HEALTH SCIENCE CENTER	OT	1	1
UNIVERSITY OF GHENT	OT	1	0
UNIVERSITY OF ILORIN	OT	1	0
UNIVERSITY OF LAGOS	OT	1	0
UNIVERSITY OF NIGERIA - NSUKKA	OT	1	0
UNIVERSITY OF SEOUL	OT	1	0
UNIVERSITY OF YAOUNDE	OT	1	0
XI'AN UNIVERSITY OF ARCHITECTURE AND TECHNOLOGY	OT	1	0
YEREVAN STATE MEDICAL UNIVERSITY	OT	1	0
ADDIS ABABA UNIVERSITY	OT	0	0
AHMADU BELLO UNIVERSITY	OT	0	0
CHUNG-ANG UNIVERSITY	OT	0	0
OBAFEMI AWOLowo UNIVERSITY	OT	0	0
OXFORD BROOKES UNIVERSITY	OT	0	0
SMOLENSK STATE ACADEMY OF MEDICINE	OT	0	0
SRM UNIVERSITY	OT	0	0
UNIVERSITY OF DHAKA	OT	0	0
UNIVERSITY OF JORDAN	OT	0	0
UNIVERSITY OF TEHRAN	OT	0	0
UNIVERSITY OF PITTSBURGH - PITTSBURGH	PA	110	101
TEMPLE UNIVERSITY	PA	64	62
SAINT JOSEPH'S UNIVERSITY	PA	50	49
PENNSYLVANIA STATE UNIVERSITY	PA	29	25

COMMUNITY COLLEGE OF PHILADELPHIA	PA	9	8
PENNSYLVANIA WESTERN UNIVERSITY, EDINBORO (FORMERLY EDINBORO UNIVERSITY OF PENNSYLVANIA)	PA	9	7
DREXEL UNIVERSITY	PA	6	5
GANNON UNIVERSITY	PA	6	6
INDIANA UNIVERSITY OF PENNSYLVANIA - SUTTON HALL	PA	5	5
UNIVERSITY OF PITTSBURGH - BRADFORD	PA	5	5
KING'S COLLEGE (PENNSYLVANIA)	PA	4	4
PHILADELPHIA UNIVERSITY (NOW THOMAS JEFFERSON UNIVERSITY)	PA	4	3
THOMAS JEFFERSON UNIVERSITY	PA	4	3
DUQUESNE UNIVERSITY	PA	3	3
MILLERSVILLE UNIVERSITY OF PENNSYLVANIA	PA	3	1
NORTHAMPTON COUNTY AREA COMMUNITY COLLEGE - BETHLEHEM/MONROE	PA	3	1
BUCKS COUNTY COMMUNITY COLLEGE	PA	3	3
CARNEGIE MELLON UNIVERSITY	PA	3	3
LECOM - LAKE ERIE COLLEGE OF OSTEOPATHIC MEDICINE AND SCHOOL OF PHARMACY - ERIE, PA	PA	3	3
MERCYHURST UNIVERSITY	PA	3	2
UNIVERSITY OF PITTSBURGH - GREENSBURG	PA	3	2
ALVERNIA COLLEGE	PA	2	2
GENEVA COLLEGE	PA	2	2
HARRISBURG UNIVERSITY OF SCIENCE AND TECHNOLOGY	PA	2	2
SHIPPENSBURG UNIVERSITY OF PENNSYLVANIA	PA	2	2
UNIVERSITY OF PENNSYLVANIA	PA	2	1
EAST STROUDSBURG UNIVERSITY OF PENNSYLVANIA	PA	2	2
LEBANON VALLEY COLLEGE	PA	2	2
LEHIGH CARBON COMMUNITY COLLEGE	PA	2	2
LEHIGH UNIVERSITY	PA	2	2
SAINT FRANCIS UNIVERSITY	PA	2	2
SAINT VINCENT COLLEGE AND SEMINARY	PA	2	2
UNIVERSITY OF PITTSBURGH - JOHNSTOWN	PA	2	2
WASHINGTON AND JEFFERSON COLLEGE	PA	2	2
WEST CHESTER UNIVERSITY OF PENNSYLVANIA	PA	2	1
WILKES UNIVERSITY	PA	2	1
DELAWARE COUNTY COMMUNITY COLLEGE	PA	1	1
LINCOLN UNIVERSITY (PENNSYLVANIA)	PA	1	1
WESTMINSTER COLLEGE (PA)	PA	1	1
BLOOMSBURG UNIVERSITY OF PENNSYLVANIA	PA	1	1
BRYN MAWR COLLEGE	PA	1	1
BUCKNELL UNIVERSITY	PA	1	1
CABRINI COLLEGE	PA	1	1
CARLOW UNIVERSITY	PA	1	1
CENTRAL PENNSYLVANIA COLLEGE	PA	1	1
CHATHAM UNIVERSITY	PA	1	1
CHEYNEY UNIVERSITY OF PENNSYLVANIA	PA	1	1
CLARION UNIVERSITY OF PENNSYLVANIA	PA	1	1
DELAWARE VALLEY COLLEGE	PA	1	1
FRANKLIN AND MARSHALL COLLEGE	PA	1	1
GETTYSBURG COLLEGE	PA	1	1
GRATZ COLLEGE	PA	1	1

GROVE CITY COLLEGE	PA	1	1
HARRISBURG AREA COMMUNITY COLLEGE - YORK	PA	1	1
HOLY FAMILY UNIVERSITY	PA	1	1
IMMACULATA UNIVERSITY	PA	1	1
KUTZTOWN UNIVERSITY OF PENNSYLVANIA	PA	1	1
LA ROCHE COLLEGE	PA	1	1
LUZERNE COUNTY COMMUNITY COLLEGE	PA	1	1
MONTGOMERY COUNTY COMMUNITY COLLEGE	PA	1	1
MORAVIAN COLLEGE	PA	1	1
MOUNT ALOYSIUS COLLEGE	PA	1	1
MUHLENBERG COLLEGE	PA	1	1
PENNSYLVANIA HIGHLANDS COMMUNITY COLLEGE	PA	1	1
ROBERT MORRIS UNIVERSITY	PA	1	1
SETON HILL UNIVERSITY	PA	1	1
SLIPPERY ROCK UNIVERSITY OF PENNSYLVANIA	PA	1	1
SUSQUEHANNA UNIVERSITY	PA	1	1
SWARTHMORE COLLEGE	PA	1	1
THIEL COLLEGE	PA	1	1
UNIVERSITY OF SCRANTON	PA	1	1
UNIVERSITY OF THE SCIENCES IN PHILADELPHIA	PA	1	1
VILLANOVA UNIVERSITY	PA	1	1
WESTMORELAND COUNTY COMMUNITY COLLEGE	PA	1	0
WIDENER UNIVERSITY - CHESTER, PA	PA	1	0
LAFAYETTE COLLEGE	PA	0	0
PENNSYLVANIA WESTERN UNIVERSITY, CALIFORNIA (FORMERLY CALIFORNIA UNIVERSITY OF PENNSYLVANIA)	PA	0	0
YORK COLLEGE OF PENNSYLVANIA	PA	0	0
UNIVERSITY OF PRINCE EDWARD ISLAND	PE	1	1
UNIVERSITY OF PUERTO RICO - RIO PIEDRAS CAMPUS	PR	55	47
UNIVERSITY OF PUERTO RICO - MAYAGUEZ / RECINTO UNIVERSITARIO	PR	45	37
PONTIFICAL CATHOLIC UNIVERSITY OF PUERTO RICO - PONCE / MAIN CAMPUS	PR	40	32
UNIVERSITY OF PUERTO RICO - CAYEY	PR	38	28
UNIVERSITY OF PUERTO RICO - ARECIBO	PR	34	28
UNIVERSITY OF PUERTO RICO - AGUADILLA	PR	32	25
INTER AMERICAN UNIVERSITY OF PUERTO RICO - METROPOLITAN	PR	26	20
UNIVERSITY OF PUERTO RICO - BAYAMON UNIVERSITY COLLEGE	PR	25	21
UNIVERSITY OF PUERTO RICO - HUMACAO	PR	20	15
INTER AMERICAN UNIVERSITY OF PUERTO RICO - FAJARDO CAMPUS	PR	14	11
INTER AMERICAN UNIVERSITY OF PUERTO RICO - SAN GERMAN CAMPUS	PR	13	10
INTER AMERICAN UNIVERSITY OF PUERTO RICO - AGUADILLA CAMPUS	PR	9	8
UNIVERSIDAD ANA G. MÃJÃNDEZ - RECINTO DE GURABO	PR	9	6
UNIVERSIDAD DEL ESTE (NOW UNIVERSIDAD ANA G. MÃJÃNDEZ - RECINTO DE CAROLINA)	PR	9	3
PONTIFICAL CATHOLIC UNIVERSITY OF PUERTO RICO - ARECIBO	PR	7	6
INTER AMERICAN UNIVERSITY OF PUERTO RICO - ARECIBO CAMPUS	PR	6	3
UNIVERSITY OF PUERTO RICO - PONCE	PR	6	5
CATHOLIC UNIVERSITY OF PUERTO RICO - ARECIBO	PR	5	4
CATHOLIC UNIVERSITY OF PUERTO RICO - MAYAGUE (NOW PONTIFICAL CATHOLIC UNIVERSITY OF PUERTO RICO)	PR	4	4
INTER AMERICAN UNIVERSITY OF PUERTO RICO - BAYAMON CAMPUS	PR	4	3

UNIVERSIDAD ANA G. MENDEZ	PR	4	3
UNIVERSIDAD DEL SAGRADO CORAZON	PR	4	2
UNIVERSITY OF THE SACRED HEART (PUERTO RICO)	PR	4	1
HUERTAS JUNIOR COLLEGE	PR	3	3
UNIVERSITY OF PUERTO RICO - CAROLINA UNIVERSITY COLLEGE	PR	3	2
BAYAMON CENTRAL UNIVERSITY	PR	2	2
CENTRO DE ESTUDIOS MULTIDISCIPLINARIOS	PR	2	2
INTER AMERICAN UNIVERSITY OF PUERTO RICO - BARRANQUITAS	PR	2	1
INTER AMERICAN UNIVERSITY OF PUERTO RICO - PONCE CAMPUS	PR	2	1
NATIONAL COLLEGE OF BUSINESS AND TECHNOLOGY - ARECIBO (NOW NATIONAL UNIVERSITY COLLEGE)	PR	2	1
PONTIFICAL CATHOLIC UNIVERSITY OF PUERTO RICO - MAYAGUEZ	PR	2	1
UNIVERSIDAD POLITECNICA DE PUERTO RICO	PR	2	1
CARIBBEAN UNIVERSITY - BAYAMON/CAROLINA/PONCE/VEGA BAJA	PR	1	1
EDP COLLEGE OF PUERTO RICO	PR	1	1
NATIONAL COLLEGE OF BUSINESS AND TECHNOLOGY - BAYAMON	PR	1	1
PONCE PARAMEDICAL COLLEGE	PR	1	1
UNIVERSIDAD ADVENTISTA DE LAS ANTILLAS	PR	1	1
UNIVERSITY OF PUERTO RICO - MEDICAL SCIENCES	PR	1	0
UNIVERSITY OF PUERTO RICO - UTUADO	PR	1	0
CONCORDIA UNIVERSITY - MONTREAL	QC	5	5
MCGILL UNIVERSITY - MONTREAL	QC	1	1
DAWSON COLLEGE	QC	1	1
MARIANOPOLIS COLLEGE	QC	1	1
UNIVERSITY OF RHODE ISLAND - KINGSTON	RI	6	6
SALVE REGINA UNIVERSITY	RI	6	6
COMMUNITY COLLEGE OF RHODE ISLAND	RI	1	1
JOHNSON & WALES UNIVERSITY - PROVIDENCE, RI	RI	1	1
PROVIDENCE COLLEGE	RI	1	1
RHODE ISLAND COLLEGE	RI	1	1
UNIVERSITY OF SOUTH CAROLINA - COLUMBIA	SC	119	105
CLEMSON UNIVERSITY	SC	16	16
CLAFLIN UNIVERSITY	SC	8	6
PRESBYTERIAN COLLEGE	SC	5	4
COLLEGE OF CHARLESTON	SC	5	5
FRANCIS MARION UNIVERSITY	SC	4	4
FURMAN UNIVERSITY	SC	4	4
SOUTH CAROLINA STATE UNIVERSITY	SC	4	4
WINTHROP UNIVERSITY	SC	4	3
COASTAL CAROLINA UNIVERSITY	SC	3	3
BOB JONES UNIVERSITY	SC	3	3
MIDLANDS TECHNICAL COLLEGE	SC	3	2
TRIDENT TECHNICAL COLLEGE - CHARLESTON	SC	3	2
UNIVERSITY OF SOUTH CAROLINA - AIKEN	SC	3	2
LANDER UNIVERSITY	SC	2	2
WOFFORD COLLEGE	SC	2	1
BENEDICT COLLEGE	SC	2	2
CHARLESTON SOUTHERN UNIVERSITY	SC	2	2
COKER COLLEGE	SC	2	2
TRI-COUNTY TECHNICAL COLLEGE	SC	2	2

UNIVERSITY OF SOUTH CAROLINA - BEAUFORT	SC	2	1
UNIVERSITY OF SOUTH CAROLINA - UPSTATE	SC	2	1
LIMESTONE UNIVERSITY	SC	1	1
FLORENCE-DARLINGTON TECHNICAL COLLEGE	SC	1	1
GREENVILLE TECHNICAL COLLEGE	SC	1	1
NORTH GREENVILLE UNIVERSITY	SC	1	1
SPARTANBURG COMMUNITY COLLEGE	SC	1	1
STRAYER UNIVERSITY (SC)	SC	1	1
TRIDENT TECHNICAL COLLEGE - PALMER	SC	1	1
UNIVERSITY OF SOUTH CAROLINA - SALKEHATCHIE	SC	1	0
VOORHEES COLLEGE	SC	1	0
UNIVERSITY OF SOUTH CAROLINA - UNION	SC	0	0
UNIVERSITY OF SOUTH DAKOTA - VERMILLION	SD	5	5
BLACK HILLS STATE UNIVERSITY	SD	3	2
AUGUSTANA COLLEGE (SD)	SD	1	1
SOUTH DAKOTA SCHOOL OF MINES AND TECHNOLOGY	SD	1	0
SOUTH DAKOTA STATE UNIVERSITY	SD	1	0
UNIVERSITY OF SASKATCHEWAN - SASKATOON	SK	1	0
UNIVERSITY OF REGINA - REGINA	SK	1	0
UNIVERSITY OF TENNESSEE - KNOXVILLE	TN	36	34
SOUTH COLLEGE - KNOXVILLE	TN	33	27
MIDDLE TENNESSEE STATE UNIVERSITY	TN	26	23
UNIVERSITY OF MEMPHIS	TN	16	12
LIPSCOMB UNIVERSITY	TN	17	16
BELMONT UNIVERSITY	TN	17	15
EAST TENNESSEE STATE UNIVERSITY	TN	14	12
UNIVERSITY OF TENNESSEE - CHATTANOOGA	TN	11	11
TENNESSEE STATE UNIVERSITY	TN	9	5
AUSTIN PEAY STATE UNIVERSITY	TN	8	8
NASHVILLE STATE COMMUNITY COLLEGE	TN	7	4
UNIVERSITY OF TENNESSEE - MARTIN	TN	6	4
MOTLOW STATE COMMUNITY COLLEGE	TN	6	6
TENNESSEE TECHNOLOGICAL UNIVERSITY	TN	5	4
CHRISTIAN BROTHERS UNIVERSITY	TN	5	5
RHODES COLLEGE	TN	4	4
LEE UNIVERSITY	TN	4	4
COLUMBIA STATE COMMUNITY COLLEGE	TN	3	3
CUMBERLAND UNIVERSITY	TN	3	2
FISK UNIVERSITY	TN	2	2
LANE COLLEGE	TN	2	2
LEMOYNE-OWEN COLLEGE	TN	2	1
LINCOLN MEMORIAL UNIVERSITY	TN	2	0
BETHEL COLLEGE - MCKENZIE	TN	2	2
SOUTHERN ADVENTIST UNIVERSITY	TN	2	2
UNION UNIVERSITY	TN	2	2
WALTERS STATE COMMUNITY COLLEGE	TN	2	1
JACKSON STATE COMMUNITY COLLEGE	TN	1	1
SOUTHWEST TENNESSEE COMMUNITY COLLEGE - MACON CAMPUS	TN	1	0
BAPTIST MEMORIAL COLLEGE OF HEALTH SCIENCES (NOW BAPTIST COLLEGE OF HEALTH SCIENCES)	TN	1	1

BRYAN COLLEGE	TN	1	1
MARTIN METHODIST COLLEGE	TN	1	1
MARYVILLE COLLEGE	TN	1	1
NORTHEAST STATE TECHNICAL COMMUNITY COLLEGE	TN	1	1
PELLISSIPPI STATE TECHNICAL COMMUNITY COLLEGE	TN	1	1
ROANE STATE COMMUNITY COLLEGE	TN	1	1
SEWANEE: THE UNIVERSITY OF THE SOUTH	TN	1	1
TREVECCA NAZARENE UNIVERSITY	TN	1	0
TUSCULUM COLLEGE	TN	1	0
VOLUNTEER STATE COMMUNITY COLLEGE	TN	1	0
KING COLLEGE	TN	0	0
UNIVERSITY OF HOUSTON - UNIVERSITY PARK	TX	62	52
TEXAS A&M UNIVERSITY - COLLEGE STATION (MAIN CAMPUS)	TX	58	57
UNIVERSITY OF TEXAS - EL PASO	TX	57	49
UNIVERSITY OF TEXAS - AUSTIN	TX	49	45
TEXAS TECH UNIVERSITY	TX	45	40
TEXAS SOUTHERN UNIVERSITY	TX	37	33
HOUSTON COMMUNITY COLLEGE	TX	34	31
UNIVERSITY OF NORTH TEXAS	TX	28	24
UNIVERSITY OF TEXAS - SAN ANTONIO	TX	26	23
UNIVERSITY OF TEXAS RIO GRANDE VALLEY	TX	25	22
UNIVERSITY OF THE INCARNATE WORD	TX	23	21
UNIVERSITY OF TEXAS - DALLAS	TX	22	19
TEXAS A&M UNIVERSITY - KINGSVILLE	TX	23	18
UNIVERSITY OF TEXAS - ARLINGTON	TX	21	17
TEXAS STATE UNIVERSITY - SAN MARCOS	TX	17	16
BAYLOR UNIVERSITY	TX	16	15
SOUTH TEXAS COLLEGE	TX	16	13
UNIVERSITY OF TEXAS - TYLER	TX	11	11
PRAIRIE VIEW A&M UNIVERSITY	TX	10	9
TEXAS WOMAN'S UNIVERSITY	TX	9	8
LONE STAR COLLEGE - CYFAIR	TX	9	6
EL PASO COMMUNITY COLLEGE	TX	9	8
DALLAS COLLEGE - RICHLAND CAMPUS	TX	8	6
COLLIN COUNTY COMMUNITY COLLEGE	TX	7	6
SAM HOUSTON STATE UNIVERSITY	TX	7	5
STEPHEN F. AUSTIN STATE UNIVERSITY	TX	7	3
NORTHWEST VISTA COLLEGE - SAN ANTONIO	TX	4	2
DEL MAR COLLEGE	TX	6	5
UNIVERSITY OF HOUSTON - DOWNTOWN	TX	6	5
AUSTIN COMMUNITY COLLEGE	TX	5	5
SAN JACINTO COLLEGE	TX	5	2
TARLETON STATE UNIVERSITY	TX	5	4
TEXAS A&M UNIVERSITY - CORPUS CHRISTI	TX	5	3
WEST TEXAS A&M UNIVERSITY	TX	2	2
AMARILLO COLLEGE	TX	4	4
ANGELO STATE UNIVERSITY	TX	4	4
LAMAR UNIVERSITY	TX	4	4
MIDWESTERN STATE UNIVERSITY	TX	4	4
SAINT PHILIP'S COLLEGE	TX	4	4

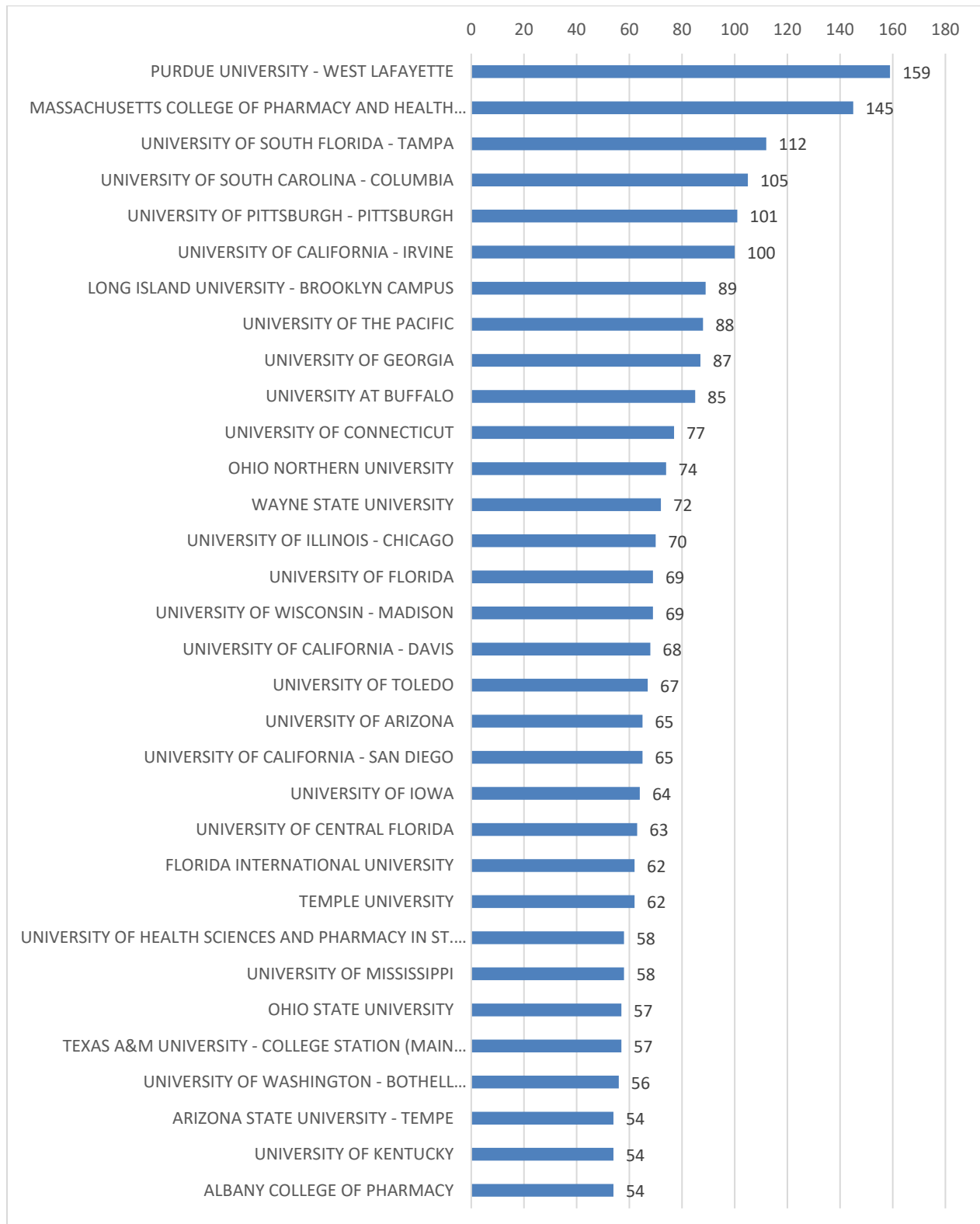
SAN ANTONIO COLLEGE	TX	4	3
SCHREINER UNIVERSITY	TX	4	3
TEXAS A&M INTERNATIONAL UNIVERSITY	TX	4	3
TEXAS A&M UNIVERSITY - SAN ANTONIO	TX	4	3
TRINITY UNIVERSITY (TX)	TX	4	3
UNIVERSITY OF SAINT THOMAS (TX)	TX	4	3
DALLAS COLLEGE - EASTFIELD CAMPUS	TX	3	3
ST. MARY'S UNIVERSITY	TX	3	2
JARVIS CHRISTIAN COLLEGE	TX	3	3
LONE STAR COLLEGE - UNIVERSITY PARK	TX	3	3
LUBBOCK CHRISTIAN UNIVERSITY	TX	3	3
OUR LADY OF THE LAKE UNIVERSITY	TX	3	3
SAINT EDWARD'S UNIVERSITY	TX	3	3
SOUTHWEST TEXAS JUNIOR COLLEGE	TX	3	3
SOUTHWESTERN UNIVERSITY	TX	3	2
TARRANT COUNTY COLLEGE - SOUTHEAST	TX	3	2
TEXAS A&M UNIVERSITY - COMMERCE	TX	3	2
TYLER JUNIOR COLLEGE	TX	2	2
CENTRAL TEXAS COLLEGE	TX	2	2
CISCO JUNIOR COLLEGE	TX	2	2
DALLAS COLLEGE - MOUNTAIN VIEW CAMPUS	TX	2	2
HARDIN-SIMMONS UNIVERSITY	TX	2	2
HOUSTON BAPTIST UNIVERSITY	TX	2	2
LAREDO COMMUNITY COLLEGE	TX	2	2
LONE STAR COLLEGE - NORTH HARRIS	TX	2	2
MCMURRY UNIVERSITY	TX	2	2
MIDLAND COLLEGE	TX	2	2
NORTHEAST TEXAS COMMUNITY COLLEGE	TX	2	1
NORTHWEST VISTA COLLEGE - MAIN CAMPUS	TX	2	1
PALO ALTO COLLEGE	TX	2	1
SOUTHERN METHODIST UNIVERSITY	TX	2	1
TARRANT COUNTY COLLEGE - NORTHEAST	TX	2	1
TARRANT COUNTY COLLEGE - SOUTH	TX	2	1
TEXAS LUTHERAN UNIVERSITY	TX	2	1
UNIVERSITY OF HOUSTON - VICTORIA	TX	2	1
LONE STAR COLLEGE - KINGWOOD	TX	1	0
UNIVERSITY OF DALLAS	TX	1	0
UNIVERSITY OF TEXAS - BROWNSVILLE	TX	1	0
VERNON COLLEGE	TX	1	0
UNIVERSITY OF TEXAS - PAN AMERICAN	TX	0	0
AUSTIN COLLEGE	TX	1	1
DALLAS COLLEGE - EL CENTRO CAMPUS	TX	1	1
DALLAS COLLEGE - NORTH LAKE CAMPUS	TX	1	1
HOWARD COLLEGE	TX	1	1
LONE STAR COLLEGE - TOMBALL	TX	1	1
NORTH CENTRAL TEXAS COLLEGE	TX	1	1
NORTHEAST LAKEVIEW COLLEGE	TX	1	1
ODESSA COLLEGE	TX	1	1
RICE UNIVERSITY	TX	1	1
SOUTH PLAINS COLLEGE	TX	1	1

SOUTHWESTERN ADVENTIST UNIVERSITY	TX	1	1
TARRANT COUNTY COLLEGE - NORTHWEST	TX	1	1
TEXARKANA COLLEGE	TX	1	1
TEXAS A&M UNIVERSITY - TEXARKANA	TX	1	1
TEXAS STATE TECHNICAL COLLEGE - HARLINGEN	TX	1	1
UNIVERSITY OF HOUSTON - CLEAR LAKE	TX	1	1
UNIVERSITY OF NORTH TEXAS - DALLAS	TX	1	1
UNIVERSITY OF PHOENIX (TX)	TX	1	1
UNIVERSITY OF TEXAS OF THE PERMIAN BASIN	TX	1	0
WILEY COLLEGE	TX	1	0
ABILENE CHRISTIAN UNIVERSITY	TX	0	0
LEE COLLEGE	TX	0	0
UNIVERSITY OF UTAH	UT	17	16
BRIGHAM YOUNG UNIVERSITY	UT	12	10
SALT LAKE COMMUNITY COLLEGE	UT	11	9
WEBER STATE UNIVERSITY	UT	8	7
UTAH STATE UNIVERSITY	UT	6	6
UTAH TECH UNIVERSITY	UT	6	5
UTAH VALLEY UNIVERSITY	UT	6	5
SNOW COLLEGE - EPHRAIM	UT	2	2
WESTERN GOVERNORS UNIVERSITY	UT	2	1
WESTMINSTER COLLEGE (UT)	UT	1	1
VIRGINIA COMMONWEALTH UNIVERSITY	VA	37	32
VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	VA	19	19
GEORGE MASON UNIVERSITY	VA	18	14
UNIVERSITY OF VIRGINIA - CHARLOTTESVILLE	VA	15	13
NORTHERN VIRGINIA COMMUNITY COLLEGE	VA	12	11
SOUTHWEST VIRGINIA COMMUNITY COLLEGE	VA	11	11
JAMES MADISON UNIVERSITY	VA	8	8
COLLEGE OF WILLIAM AND MARY	VA	4	4
LIBERTY UNIVERSITY	VA	4	4
OLD DOMINION UNIVERSITY	VA	4	4
SHENANDOAH UNIVERSITY	VA	4	4
NORFOLK STATE UNIVERSITY	VA	3	3
REYNOLDS COMMUNITY COLLEGE	VA	3	2
BLUE RIDGE COMMUNITY COLLEGE - WEYERS CAVE	VA	3	3
EMORY AND HENRY COLLEGE	VA	3	3
HAMPTON UNIVERSITY	VA	3	3
RADFORD UNIVERSITY	VA	2	2
BRIGHTPOINT COMMUNITY COLLEGE	VA	2	2
STRAYER UNIVERSITY (VA)	VA	2	2
UNIVERSITY OF RICHMOND	VA	2	2
CHRISTOPHER NEWPORT UNIVERSITY	VA	1	1
UNIVERSITY OF VIRGINIA'S COLLEGE AT WISE	VA	1	1
BLUEFIELD COLLEGE	VA	1	1
GERMANNA COMMUNITY COLLEGE	VA	1	1
HAMPDEN-SYDNEY COLLEGE	VA	1	1
LAUREL RIDGE COMMUNITY COLLEGE	VA	1	1
LONGWOOD UNIVERSITY	VA	1	1
NEW RIVER COMMUNITY COLLEGE	VA	1	1

UNIVERSITY OF LYNCHBURG	VA	1	1
UNIVERSITY OF MARY WASHINGTON	VA	1	1
VIRGINIA HIGHLANDS COMMUNITY COLLEGE	VA	1	1
VIRGINIA STATE UNIVERSITY	VA	1	1
VIRGINIA WESLEYAN COLLEGE	VA	1	1
BRIDGEWATER COLLEGE	VA	0	0
CENTRAL VIRGINIA COMMUNITY COLLEGE	VA	0	0
MARYMOUNT UNIVERSITY	VA	0	0
RANDOLPH COLLEGE	VA	0	0
RANDOLPH-MACON COLLEGE	VA	0	0
TIDEWATER COMMUNITY COLLEGE	VA	0	0
WASHINGTON AND LEE UNIVERSITY	VA	0	0
UNIVERSITY OF THE VIRGIN ISLANDS - SAINT THOMAS	VI	2	2
UNIVERSITY OF VERMONT	VT	4	4
SAINT MICHAEL'S COLLEGE	VT	3	3
CASTLETON STATE COLLEGE	VT	1	1
MIDDLEBURY COLLEGE	VT	1	1
NORWICH UNIVERSITY	VT	1	0
JOHNSON STATE COLLEGE (NOW NORTHERN VERMONT UNIVERSITY)	VT	0	0
UNIVERSITY OF WASHINGTON - BOTHELL CAMPUS/SEATTLE CAMPUS/TACOMA CAMPUS	WA	57	56
WASHINGTON STATE UNIVERSITY - PULLMAN/SPOKANE/TRI CITIES/VANCOUVER	WA	39	36
WESTERN WASHINGTON UNIVERSITY	WA	8	8
EASTERN WASHINGTON UNIVERSITY	WA	7	6
GONZAGA UNIVERSITY	WA	6	6
SPOKANE COMMUNITY COLLEGE	WA	6	5
SEATTLE UNIVERSITY	WA	4	4
TACOMA COMMUNITY COLLEGE	WA	4	3
WHITWORTH UNIVERSITY	WA	4	3
SEATTLE PACIFIC UNIVERSITY	WA	1	1
CLARK COLLEGE	WA	3	2
EDMONDS COMMUNITY COLLEGE	WA	3	2
CENTRAL WASHINGTON UNIVERSITY	WA	2	2
GREEN RIVER COMMUNITY COLLEGE	WA	2	2
NORTH SEATTLE COMMUNITY COLLEGE	WA	2	2
PACIFIC LUTHERAN UNIVERSITY	WA	2	2
PIERCE COLLEGE - PUYALLUP	WA	2	2
SOUTH SEATTLE COMMUNITY COLLEGE	WA	2	2
SPOKANE FALLS COMMUNITY COLLEGE	WA	2	1
HIGHLINE COMMUNITY COLLEGE	WA	1	1
BELLEVUE COLLEGE	WA	1	1
BELLINGHAM TECHNICAL COLLEGE	WA	1	1
EVERETT COMMUNITY COLLEGE	WA	1	1
GRAYS HARBOR COLLEGE	WA	1	1
HERITAGE UNIVERSITY	WA	1	1
PENINSULA COLLEGE	WA	1	1
SEATTLE CENTRAL COMMUNITY COLLEGE	WA	1	1
UNIVERSITY OF PUGET SOUND	WA	1	1
WALLA WALLA COMMUNITY COLLEGE	WA	1	1
WALLA WALLA UNIVERSITY	WA	1	1

WENATCHEE VALLEY COLLEGE	WA	1	1
WHATCOM COMMUNITY COLLEGE	WA	1	0
YAKIMA VALLEY COMMUNITY COLLEGE	WA	1	0
UNIVERSITY OF WISCONSIN - MADISON	WI	81	69
CONCORDIA UNIVERSITY - WISCONSIN	WI	15	15
UNIVERSITY OF WISCONSIN - MILWAUKEE	WI	9	9
UNIVERSITY OF WISCONSIN - GREEN BAY	WI	10	10
UNIVERSITY OF WISCONSIN - LA CROSSE	WI	9	9
UNIVERSITY OF WISCONSIN - OSHKOSH	WI	8	7
MARQUETTE UNIVERSITY	WI	7	7
UNIVERSITY OF WISCONSIN - EAU CLAIRE	WI	7	7
UNIVERSITY OF WISCONSIN - PARKSIDE	WI	7	7
MILWAUKEE AREA TECHNICAL COLLEGE	WI	6	5
UNIVERSITY OF WISCONSIN - WHITEWATER	WI	6	5
ALVERNO COLLEGE	WI	5	5
SAINT NORBERT COLLEGE	WI	5	5
UNIVERSITY OF WISCONSIN - RIVER FALLS	WI	5	5
WISCONSIN LUTHERAN COLLEGE	WI	5	5
UNIVERSITY OF WISCONSIN - STEVENS POINT	WI	2	1
BELOIT COLLEGE	WI	3	3
CARTHAGE COLLEGE	WI	3	3
UNIVERSITY OF WISCONSIN - PLATTEVILLE	WI	3	2
CARROLL UNIVERSITY - WAUKESHA	WI	2	2
MARIAN UNIVERSITY (WISCONSIN)	WI	2	2
RIPON COLLEGE	WI	2	2
MOUNT MARY UNIVERSITY	WI	1	1
UNIVERSITY OF WISCONSIN - STOUT	WI	1	0
CARDINAL STRITCH UNIVERSITY	WI	1	1
CHIPPEWA VALLEY TECHNICAL COLLEGE	WI	1	1
LAWRENCE UNIVERSITY	WI	1	1
MADISON AREA TECHNICAL COLLEGE	WI	1	1
MEDICAL COLLEGE OF WISCONSIN	WI	1	1
MILWAUKEE SCHOOL OF ENGINEERING	WI	1	1
UNIVERSITY OF WISCONSIN - SUPERIOR	WI	1	1
UNIVERSITY OF WISCONSIN - MARATHON COUNTY (NOW UW - STEVENS POINT AT WAUSAU)	WI	0	0
WEST VIRGINIA UNIVERSITY - MORGANTOWN	WV	37	35
MARSHALL UNIVERSITY	WV	13	10
UNIVERSITY OF CHARLESTON	WV	4	2
AMERICAN MILITARY UNIVERSITY	WV	6	4
WEST VIRGINIA STATE UNIVERSITY	WV	5	5
CONCORD UNIVERSITY	WV	2	2
DAVIS AND ELKINS COLLEGE	WV	2	2
WEST LIBERTY UNIVERSITY	WV	2	2
AMERICAN PUBLIC UNIVERSITY	WV	1	1
BLUEFIELD STATE COLLEGE	WV	1	1
GLENVILLE STATE COLLEGE	WV	1	1
POTOMAC STATE COLLEGE OF WEST VIRGINIA UNIVERSITY	WV	1	1
WEST VIRGINIA UNIVERSITY - PARKERSBURG	WV	1	1
WEST VIRGINIA WESLEYAN COLLEGE	WV	1	1

UNIVERSITY OF WYOMING	WY	21	19
NORTHWEST COLLEGE	WY	3	3
CASPER COLLEGE	WY	2	2
NON-US/CANADIAN (FOREIGN) INSTITUTION		43	34
NOT LISTED US INSTITUTION		29	19
NOT LISTED CANADIAN INSTITUTION		3	2

Figure 49: Top Primary Institutions Attended by Accepted PharmCAS Applicants

PHARMCAS FEE WAIVERS

PharmCAS offers a limited number of application fee waivers to financially disadvantaged applicants. The annual AACP fee waiver fund was increased from \$79,000 in the 2019-2020 admissions cycle to \$100,000 in the 2020-2021, 2021-2022, and 2022-2023 cycles. AACP could support a maximum of 571 eligible applicants in the 2020-2021, 2021-2022, and 2022-2023 cycles, as compared to 451 in the 2019-2020 cycle.

PharmCAS grants application fee waivers to financially disadvantaged applicants on a first-come, first-serve basis. Fee waiver decisions are based on the applicant's income, or parent's income if claimed as a dependent, as reported on the most recent tax return. PharmCAS grants waivers to those applicants with earnings that are at or below the U.S. Department of Health and Human Services poverty guidelines. Applicants with approved waivers may apply to a maximum of one PharmCAS program for free and may choose to apply to additional program for an incremental fee. A fee waiver was denied or voided if the applicant did not follow the fee waiver instructions, exceeded the income threshold, or did not submit the application within 14 days after the waiver was approved.

Fee Waiver Statuses:

- **Requested:** Fee waiver request was received after the review process had closed (i.e., wait list).
- **Declined:** Fee waiver request was declined because applicant was ineligible based on income.
- **Redeemed/Awarded:** Fee waiver was approved and processed.
- **Expired/Not Redeemed:** Fee waiver was approved but not redeemed within 14 days.

Figure 50: PharmCAS Fee Waiver Summary

REQUESTED	DECLINED	APPROVED		Total # of Fee Waiver Requests RECEIVED
		Redeemed/Awarded	Expired/Not Redeemed	
0	81	423	45	549

Figure 51: PharmCAS Fee Waiver Summary by Cycle (2020-2023)

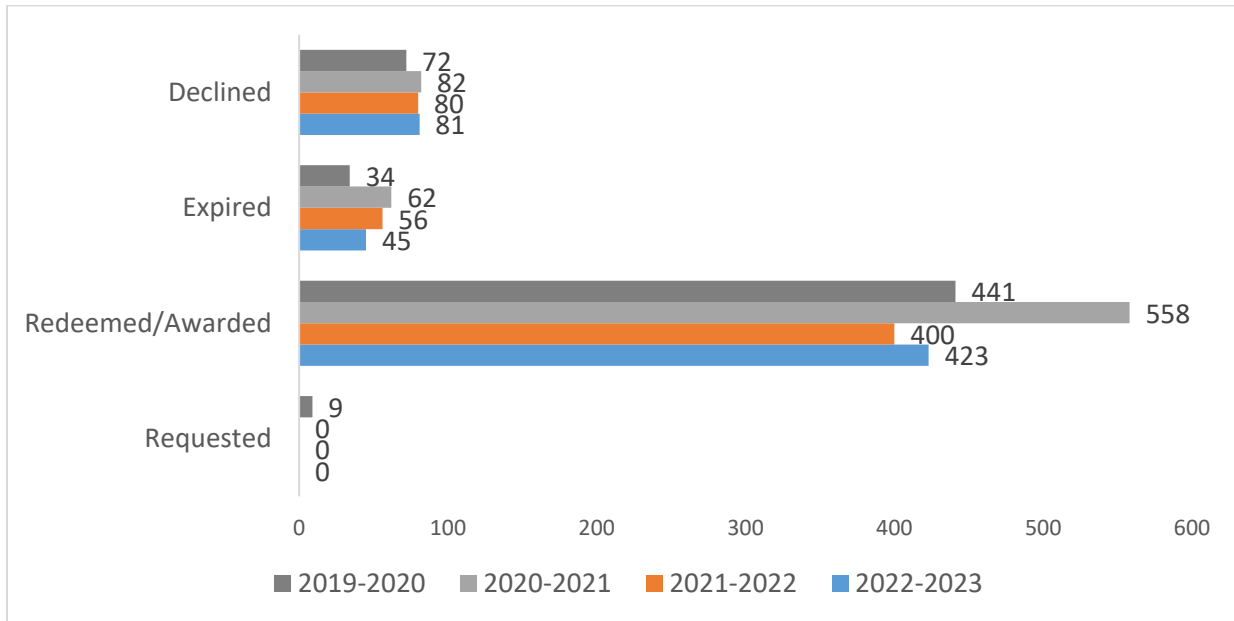
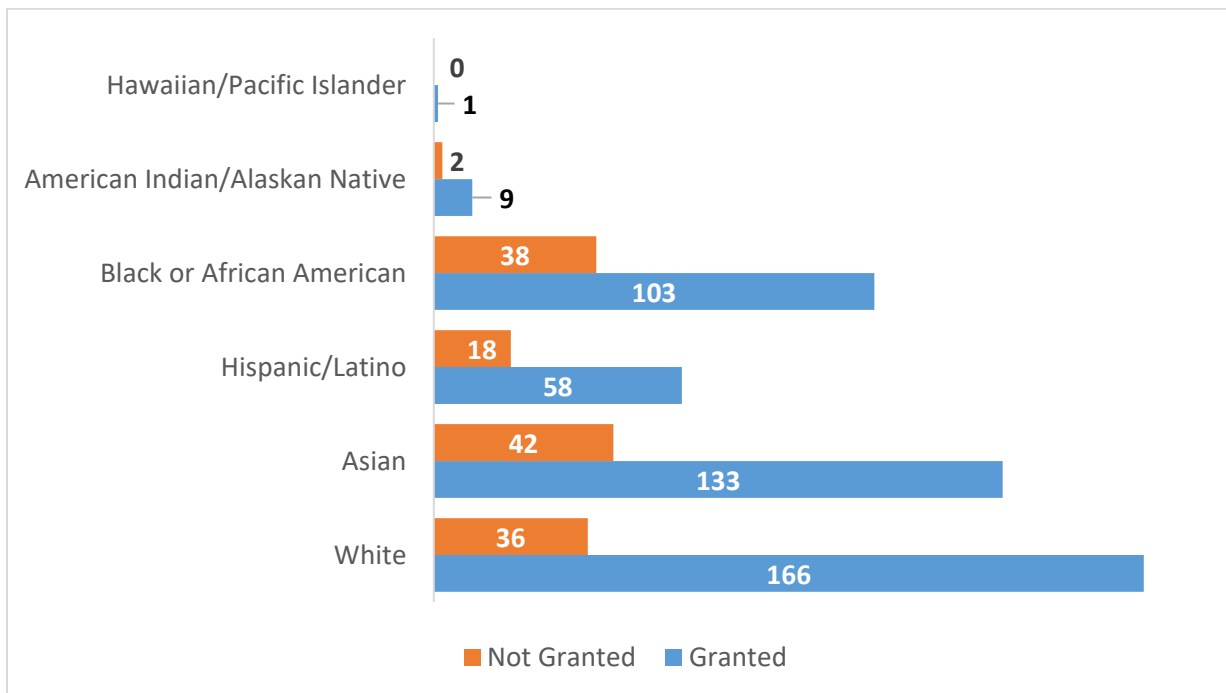
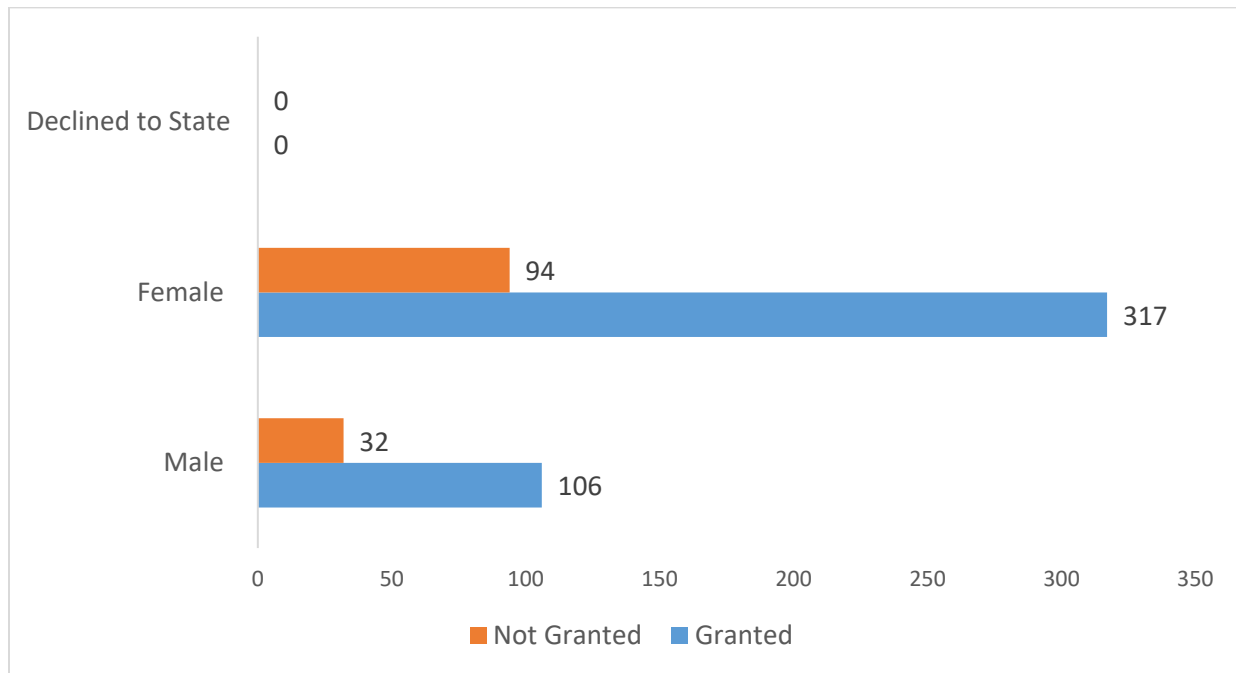


Figure 52: PharmCAS Fee Waiver Status by Race and Ethnicity Designations



**PharmCAS applicants were able to select one or more racial and ethnicity categories. Applicants with more than one race and ethnicity are reflected in more than one category above. Granted includes all fee waivers that were redeemed/awarded. Not granted includes all fee waivers that were declined, requested, and expired.*

Figure 53: PharmCAS Fee Waiver Status by Sex

**Granted includes all fee waivers that were redeemed/awarded. Not granted includes all fee waivers that were declined, requested, and expired.*

Figure 54: PharmCAS Fee Waiver Status by Disadvantaged Status

Fee Waiver Status	Environmentally Disadvantaged	Economically Disadvantaged	Both Environmentally and Economically Disadvantaged	Not Disadvantaged
Granted	89	16	278	40
Not Granted	47	5	62	12
TOTAL	136	21	340	52

**Disadvantaged categories in this table are mutually exclusive. Disadvantaged status is applicant-reported and not verified, nor considered in the fee waiver review process. The Education Occupation (EO) indicator scores are not reflected in this table, nor considered in the fee waiver review process. Granted includes all fee waivers that were redeemed/awarded. Not granted includes all fee waivers that were declined, requested, and expired.*

*** Environmentally Disadvantaged is defined as a “yes” response to one or more of the HRSA indicators.*

OFFICIAL PCAT SCORES

The following figures represent the official PCAT scores reported by Pearson to PharmCAS. If multiple PCAT scores were reported, only the data from the highest scores were included in the mean calculations for this report.

Figure 55: Mean Official PCAT Scores and Percentiles for PharmCAS Applicants

Highest PCAT Scores	All Applicants	Accepted Applicants
Biological Processes	407.86	410.45
Biological Processes Percentile	48.54	52.11
Chemical Processes	408.5	411
Chemical Processes Percentile	48.23	51.18
Quantitative Reasoning	403.24	405.38
Quantitative Reasoning Percentile	51.57	54.57
Composite Score	403.35	405.79
Composite Score Percentile	48.54	52.41
Writing	2.95	2.95

Figure 56: PCAT Composite Percentiles for Accepted PharmCAS Applicants (2014-2023)

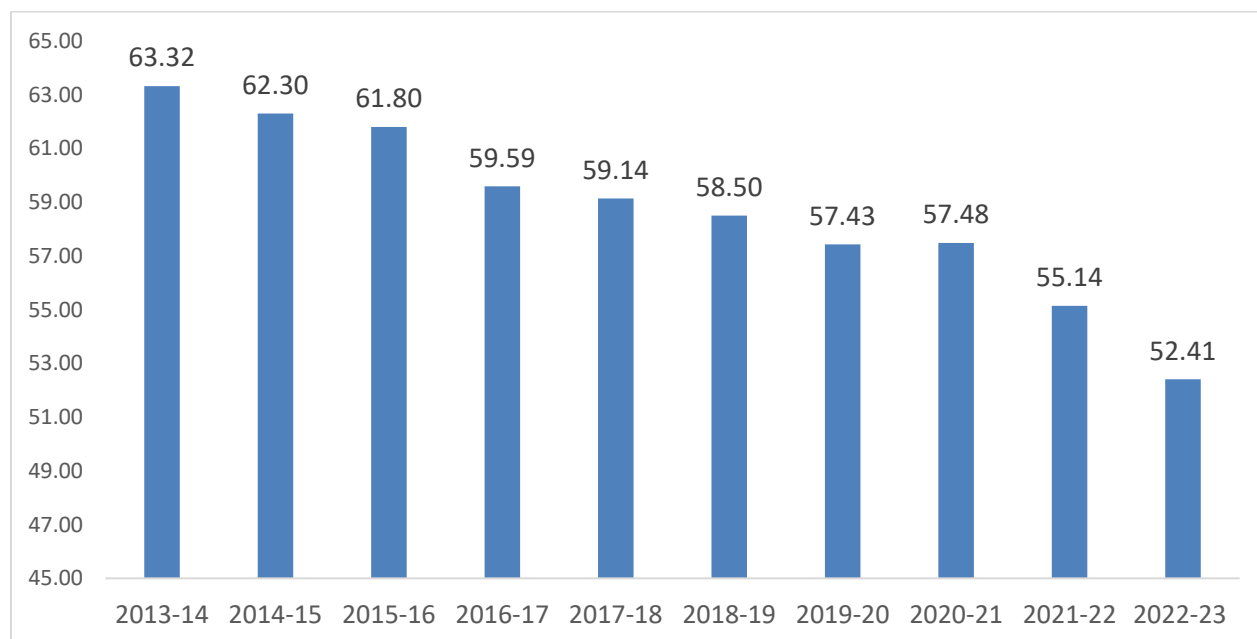


Figure 57: PCAT Test Takers by Cycle (2004-2023)

PCAT Testing Cycle	# of PCAT Test Takers
Year 2003-04	25,036
Year 2004-05	25,340
Year 2005-06	27,844
Year 2006-07	30,140
Year 2007-08	32,958
Year 2008-09	33,684
Year 2009-10	35,352
Year 2010-11	33,873
Year 2011-12	29,001
Year 2012-13	23,488
Year 2013-14	26,410
Year 2014-15	18,768
Year 2015-16	23,156
Year 2016-17	21,448
Year 2017-18	19,229
Year 2018-19	16,092
Year 2019-20	9,890
Year 2020-21	4,688
Year 2021-22	2,228
Year 2022-23	1,312

Figure 58: Pharmacy Schools with PCAT Requirement (2008-2023)

Year	Total # of Schools	# of Schools with PCAT Requirement	% of Schools with PCAT Requirement
2007-2008	111	65	58.6%
2008-2009	116	73	62.9%
2009-2010	120	85	70.8%
2010-2011	124	91	73.4%
2011-2012	129	95	73.6%
2012-2013	130	100	76.9%
2013-2014	133	99	74.4%
2014-2015	135	105	77.8%
2015-2016	138	107	77.5%
2016-2017	142	108	76.1%
2017-2018	143	109	76.2%
2018-2019	143	95	66.4%
2019-2020	144	77	53.5%
2020-2021	142	10	7.0%
2021-2022	142	6	4.2%
2022-2023	142	0	0.0%

* 2013-14: 3 Schools did not report. 2014-15 and 2015-16: 1 school did not report.

* Table reflects both PharmCAS and non-PharmCAS schools.

* Since 2019-2020, schools could select: required; conditionally required; recommended; optional; or not required or considered. For the table, “% of schools with PCAT requirement” includes only programs that selected “required.”

REGIONAL

Figure 59: PharmCAS Submitted Applicants by Program Type and District (21-22 vs 22-23)

2021-22 & 2022-23	Mean # of Submitted Applicants Per Program		Mean: % Change in Submitted Applicants Per Program	Range: % Change in Submitted Applicants Per Program		% of Programs with <u>Increase</u>	% of Programs with <u>Decrease</u>	% of Programs with <u>No Change</u>	Median # of Submitted Applicants Per Program		Range in # of Submitted Applicants Per Program		Total # of Apps
	2022	2023		MIN	MAX				2022	2023	2022	2023	
All	236.2	224.7	-4.9%	-38%	119%	31.4%	67.9%	0.7%	208	196	29 to 693	47 to 697	30789
Public	251.4	240.8	-4.2%	-38%	90%	28.8%	71.2%	0.0%	214	209	49 to 624	47 to 589	15890
Private	222.1	209.8	-5.5%	-36%	119%	33.8%	64.8%	1.4%	199	185	29 to 693	57 to 697	14899
Districts 1 & 2	216.1	214.0	-1.0%	-31%	97%	35.3%	61.8%	2.9%	194	195	29 to 539	47 to 471	7276
District 3	253.8	250.7	-1.2%	-23%	90%	33.3%	66.7%	0.0%	211	207	53 to 693	65 to 697	7520
District 4	233.7	221.0	-5.4%	-34%	119%	31.8%	68.2%	0.0%	219	189	37 to 519	72 to 452	4863
Districts 5, 6, 7	218.6	207.7	-5.0%	-38%	71%	37.9%	62.1%	0.0%	170	169	63 to 502	67 to 441	6024
District 8	269.1	232.1	-13.8%	-36%	14%	13.6%	86.4%	0.0%	246	208	54 to 507	60 to 402	5106

Percentages reflect **Submitted** application data for the 2022-2023 cycle for pharmacy schools that participated in PharmCAS during both cycles. Programs new to PharmCAS in 2021-2022 were excluded. Submitted data represents applications with the following PharmCAS statuses: Received, Completed, and Verified. All other tables in the PharmCAS Applicant Data Report reflect applications with Verified status. **Therefore, this table differs from others in this report.** The districts reflect the regional groups for the National Association of Boards of Pharmacy ([NABP](#)). Non-U.S. locations in NABP districts were omitted.

- District 1: CT, ME, MA, NH, RI, VT
- District 2: DE, DC, MD, NJ, NY, PA, VA, WV
- District 3: AL, FL, GA, KY, MS, NC, PR, SC, TN
- District 4: IL, IN, MI, OH, WI
- District 5: IA, MN, NE, ND, SD
- District 6: AR, KS, LA, MO, OK, TX
- District 7: AK, ID, MT, OR, WA, WY
- District 8: AZ, CA, CO, HI, NV, NM, UT

P1 PHARM.D. SEATS

Target seats refer to the estimated number of entering students who are expected begin the first professional year of the Pharm.D. program as budgeted by the institution or the CEO dean of the college or school of pharmacy *before* the new class has enrolled. **Maximum** seats refer to the largest number of entering students in the first professional year of the Pharm.D. program that the college or school of pharmacy could accommodate based on facilities, faculty, and other resources. Institutions were instructed to report all P1 seats available (target and maximum) per entering class, regardless of whether they were filled by or reserved for early assurance or other special students. Seats filled data for the 2023 entering class will be available in summer 2024.

Data for the 2023, 2022, 2021, and 2020 entering classes are based on school-reported numbers in the PharmCAS School Directory. Data for the 2019 and 2018 entering classes are based on school-reported data captured in two previous AACP Seat Surveys. AACP cannot determine the number of individual applicants who applied to non-PharmCAS schools.

Figure 60: P1 Pharm.D. Seats Available vs. Filled - ALL Institutions* (2018-2023)

	For All Institutions		
	TARGET # of Seats Available	MAXIMUM # of Seats Available	# of Seats FILLED
2017-2018 Cycle for 2018 Entering Class	15,934	17,050	15,192
2018-2019 Cycle for 2019 Entering Class	15,512	16,893	14,466
2019-2020 Cycle for 2020 Entering Class	14,464	16,443	13,420
2020-2021 Cycle for 2021 Entering Class	14,273	16,476	12,580
2021-2022 Cycle for 2022 Entering Class	13,674	16,261	10,776
2022-2023 Cycle for 2023 Entering Class	13,008	15,742	N/A

Table reflects both PharmCAS and non-PharmCAS schools. Seats filled data for the 2023 entering class will be available by summer 2024.

Figure 61: P1 Pharm.D. Seats Available per Entering Class – ALL Institutions* (2018-2023)

Mean	All Institutions					
	2018 Entering Class	2019 Entering Class	2020 Entering Class	2021 Entering Class	2022 Entering Class	2023 Entering Class
Target Seats	112.2	108.5	101.1	99.8	96.3	90.0
Maximum Seats	120.1	118.1	115.0	115.2	114.5	110.6
Filled Seats	107.0	101.2	93.8	88.6	75.9	N/A

Table reflects both PharmCAS and non-PharmCAS schools. Seats filled data for the 2023 entering class will be available by summer 2024.

Figure 62: P1 Pharm.D. Seats Available vs. Filled: PharmCAS Institutions Only

	PharmCAS Institutions Only					
	TARGET # of Seats Available	MAXIMUM # of Seats Available	# of Seats FILLED	# of PharmCAS Applicants	Ratio of Applicants to TARGET Seats	Ratio of Applicants to MAX Seats
2017-2018 Cycle for 2018 Entering Class	14,542	15,149	13,501	15,866	1.09	1.05
2018-2019 Cycle for 2019 Entering Class	14,150	15,421	13,230	15,335	1.08	0.99
2019-2020 Cycle for 2020 Entering Class	13,357	15,212	12,382	13,988	1.05	0.92
2020-2021 Cycle for 2021 Entering Class	13,296	15,419	11,659	13,324	1.00	0.86
2021-2022 Cycle for 2022 Entering Class	12,645	15,218	9,986	11,219	0.89	0.74
2022-2023 Cycle for 2023 Entering Class	11,996	14,614	N/A	11,167	0.93	0.76

Only schools that participated in PharmCAS during each cycle are reflected in this table. Seats filled data for the 2023 entering class will be available by summer 2024.