

2021-2022

PharmCAS Applicant Data Report

2021-2022 Admissions Cycle
for the 2022 Entering Class



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INSTITUTIONS PARTICIPATING IN PHARMCAS: 2021-2022

The 2021-2022 PharmCAS Applicant Data Report was developed by the American Association of Colleges of Pharmacy and reflects data for the 134 programs that participated in PharmCAS during its 18th admissions cycle. Changes to the list of participating programs in PharmCAS during the 2022-2023 cycle are not listed below or included in this report. 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 2021-2022 admissions cycle.*

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

Texas Southern 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 the Sci in Philadelphia
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 2021-2022 PharmCAS Applicant Data Report reflects 11,219 applicants with Verified application status who applied via the Pharmacy College Application Service (PharmCAS) during the 2021-2022 (19th) admissions cycle. Applicants with Verified status submitted a total of 32,848 applications to 134 colleges and schools of pharmacy that participated in PharmCAS.

Participating colleges and schools of pharmacy submitted admission decisions for applicants in the 2021-2022 admissions cycle through September 30, 2022. 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 (2004-2022)

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

Figure 2: Number of Schools Participating in PharmCAS (2004-2022)

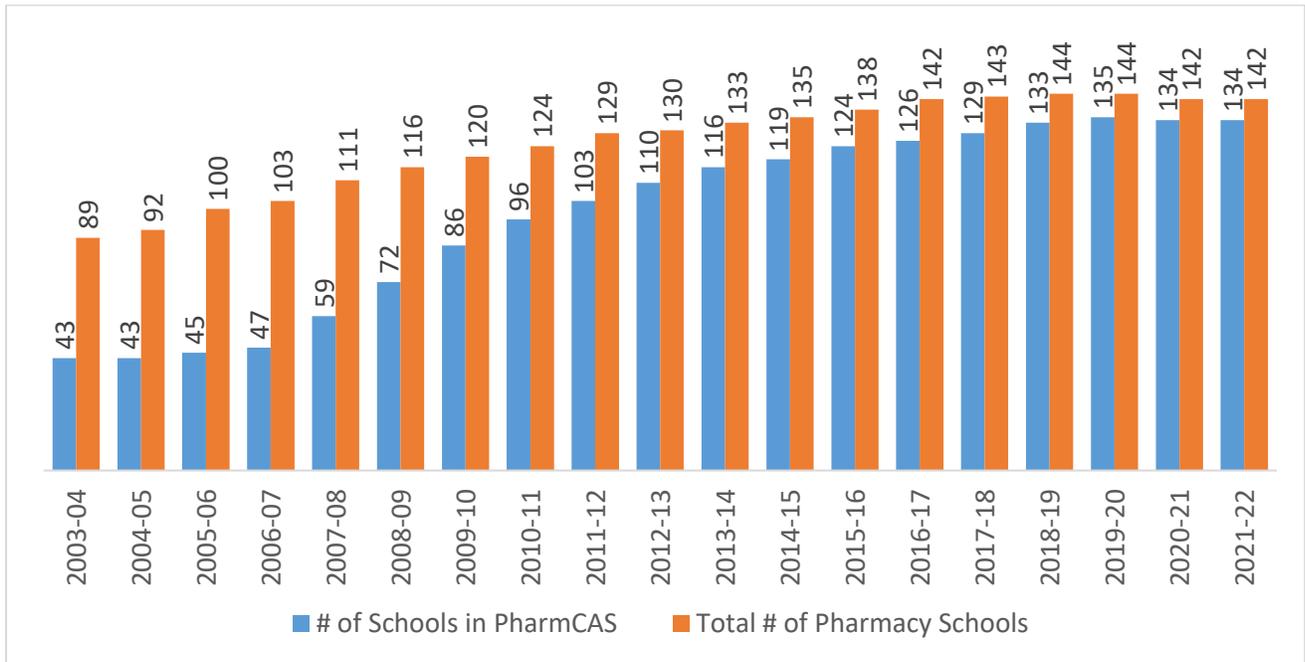


Figure 3: PharmCAS Applications per Applicant Ratio (2004-2022)

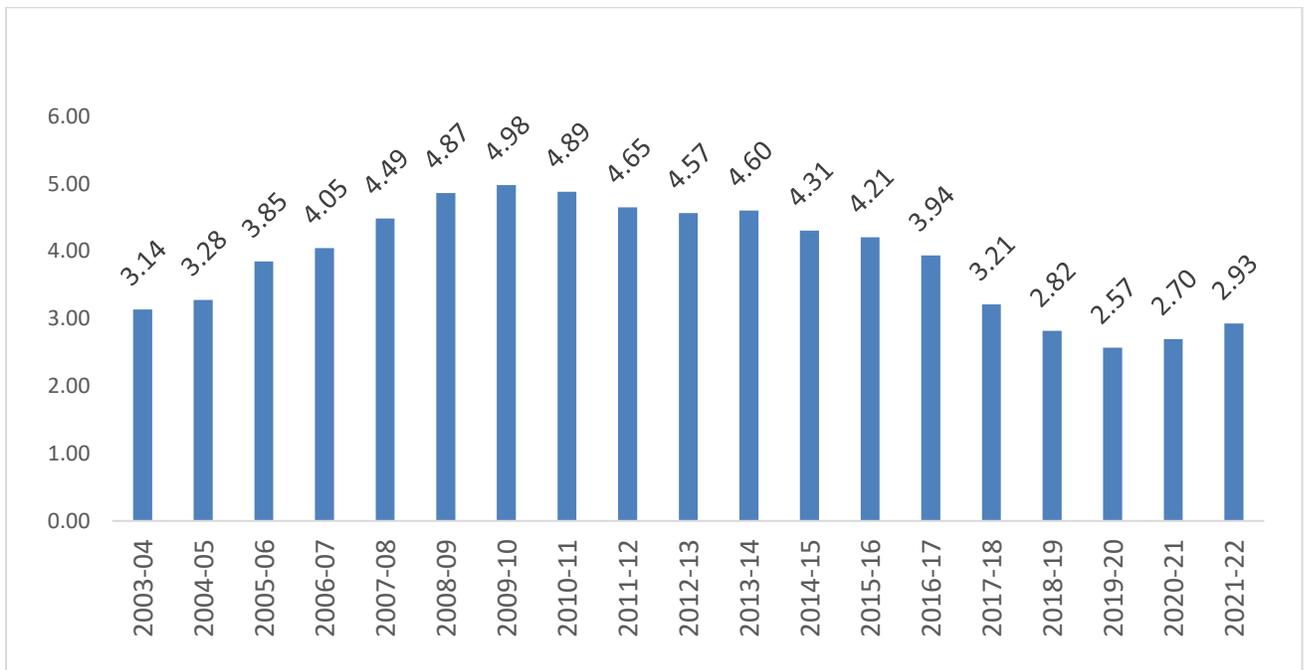


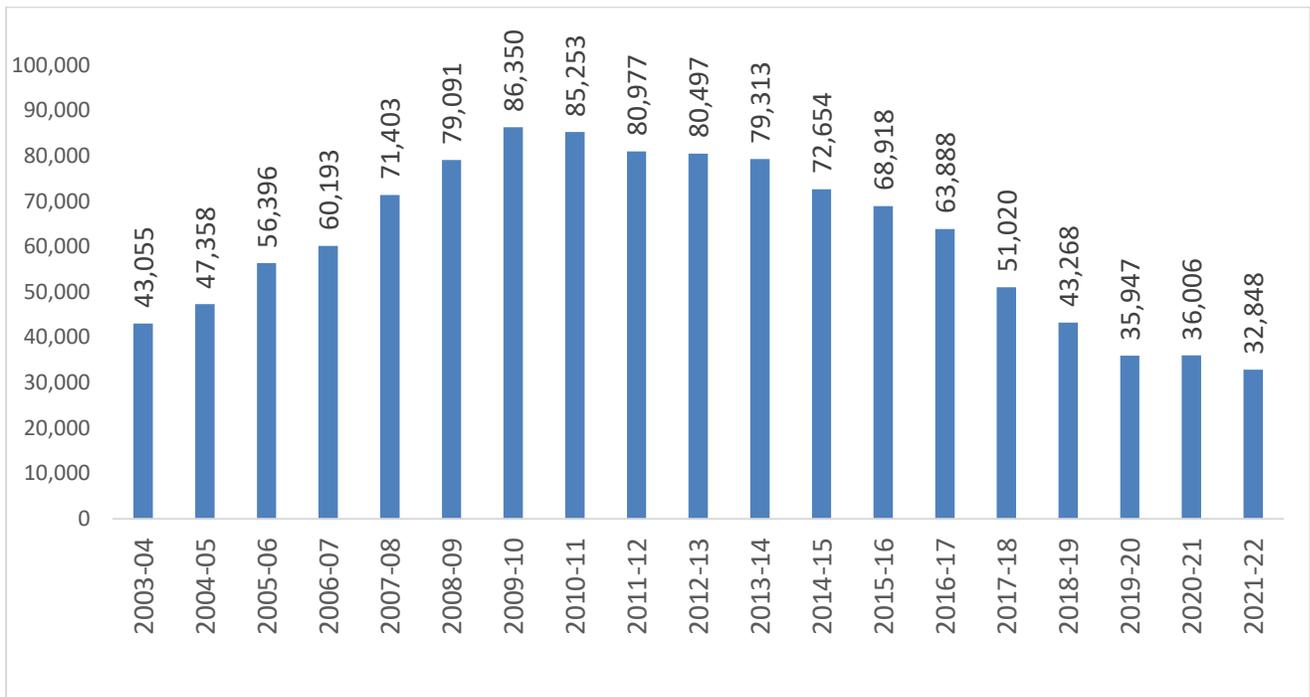
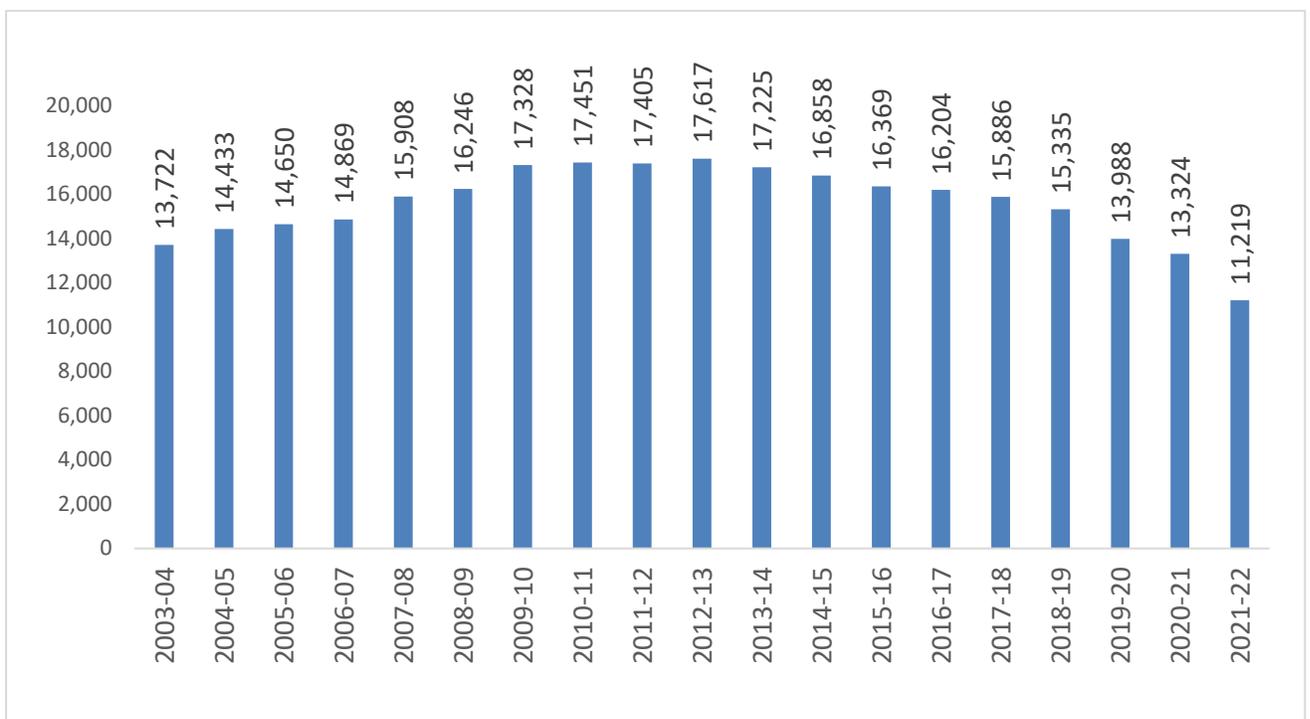
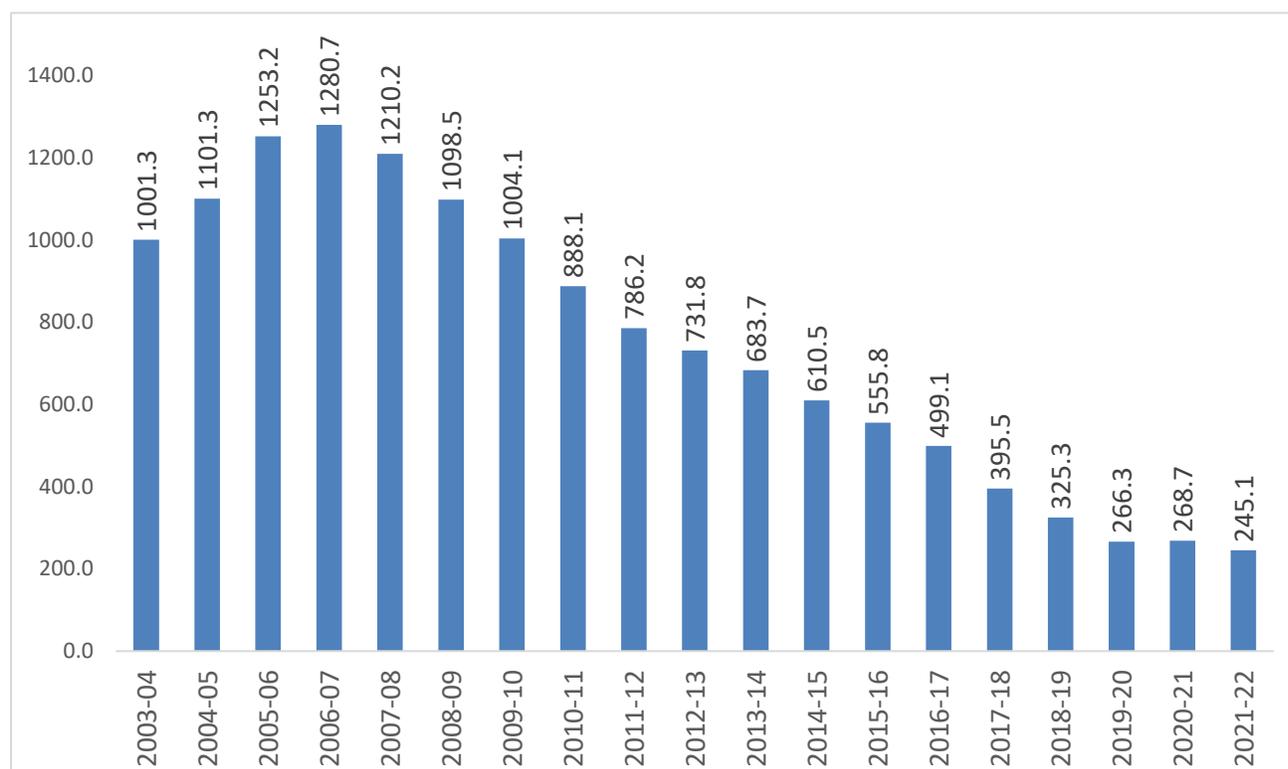
Figure 4: Total Number of PharmCAS Applications (2004-2022)**Figure 5: Total Number of PharmCAS Applicants (2004-2022)**

Figure 6: PharmCAS Applications per School (2004-2022)

Cycle	# of Schools in PharmCAS	# of PharmCAS Applications	MEAN # of Applications Per School	MEDIAN # of Applications Per School	RANGE in # of Applications Per School
2003-04	43	43,055	1001.3	902	316 to 2,022
2004-05	43	47,358	1101.3	1059	220 to 2,070
2005-06	45	56,396	1253.2	1237	289 to 2,251
2006-07	47	60,193	1280.7	1142	148 to 3,218
2007-08	59	71,403	1210.2	1124	122 to 2,608
2008-09	72	79,091	1098.5	910	105 to 2,507
2009-10	86	86,350	1004.1	856	170 to 2,543
2010-11	96	85,253	888.1	772	137 to 2,265
2011-12	103	80,977	786.2	684	156 to 2,003
2012-13	110	80,497	731.8	681	135 to 1,771
2013-14	116	79,313	683.7	625	84 to 1,667
2014-15	119	72,654	610.5	563	103 to 1,585
2015-16	124	68,918	555.8	515	71 to 1,152
2016-17	126	63,888	507.0	448	88 to 1,183
2017-18	129	51,020	395.5	361	96 to 986
2018-19	133	43,268	325.3	277	57 to 849
2019-20	135	35,947	266.3	231	20 to 693
2020-21	134	36,006	268.7	211	18 to 701
2021-22	134	32,848	245.1	219	13 to 632

Figure 7: Mean Number of PharmCAS Applications per School (2004-2022)**Figure 8: PharmCAS Early Decision Applicants and Schools (2013-2022)**

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

* Early decision was not available in PharmCAS during the 2021-2022 cycle.

Figure 9: PharmCAS Accepted Applicants (2004-2022)

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%

**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

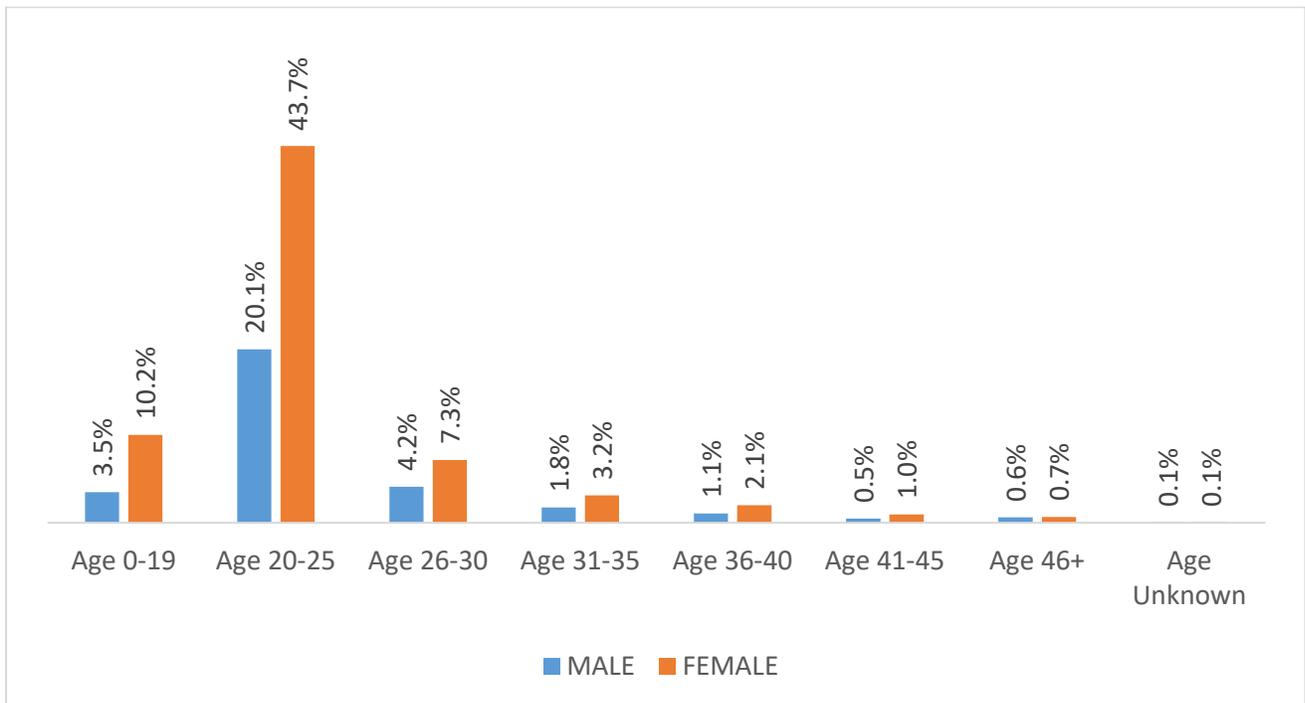
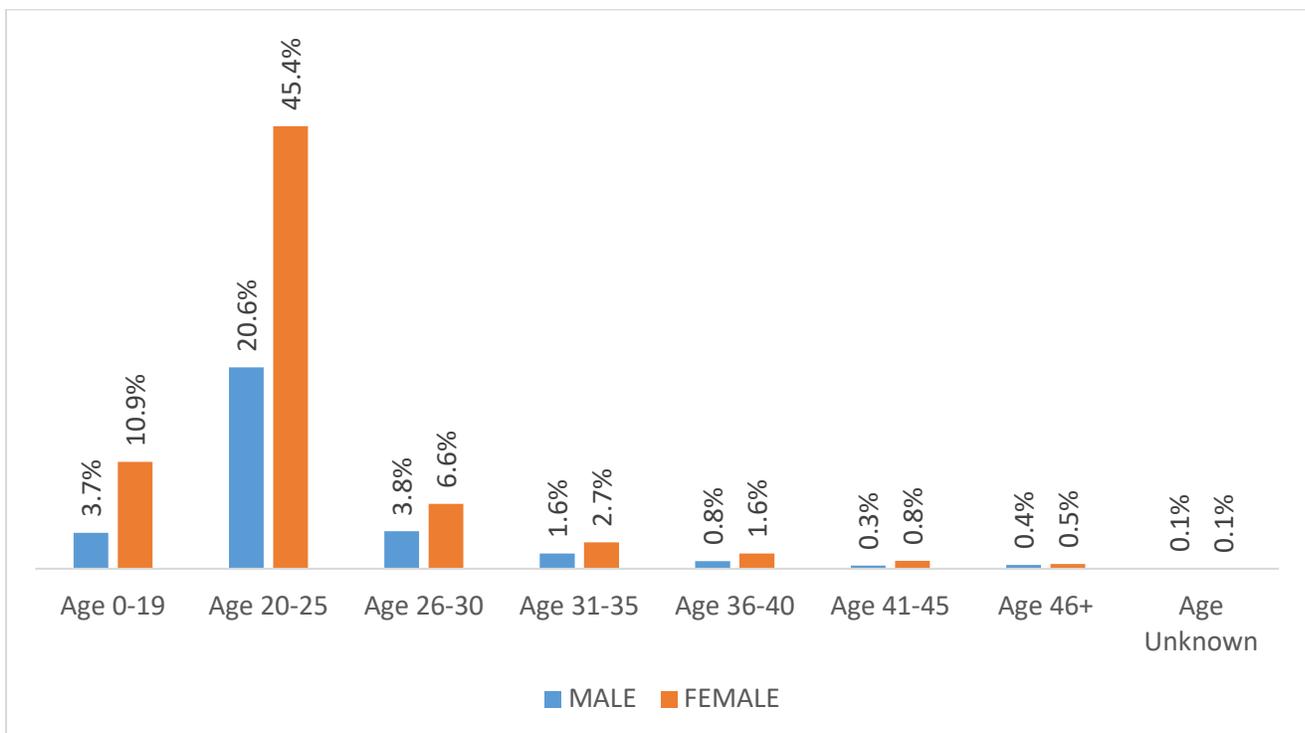
PharmCAS age data is based on the “age_at_submission” field in the PharmCAS application. PharmCAS cannot verify or edit the age or date of birth fields on behalf of applicants; therefore, some age data may be inaccurate. Table is based on the sex of applicants and not gender identity.

Figure 10: PharmCAS Applicants by Age and Sex

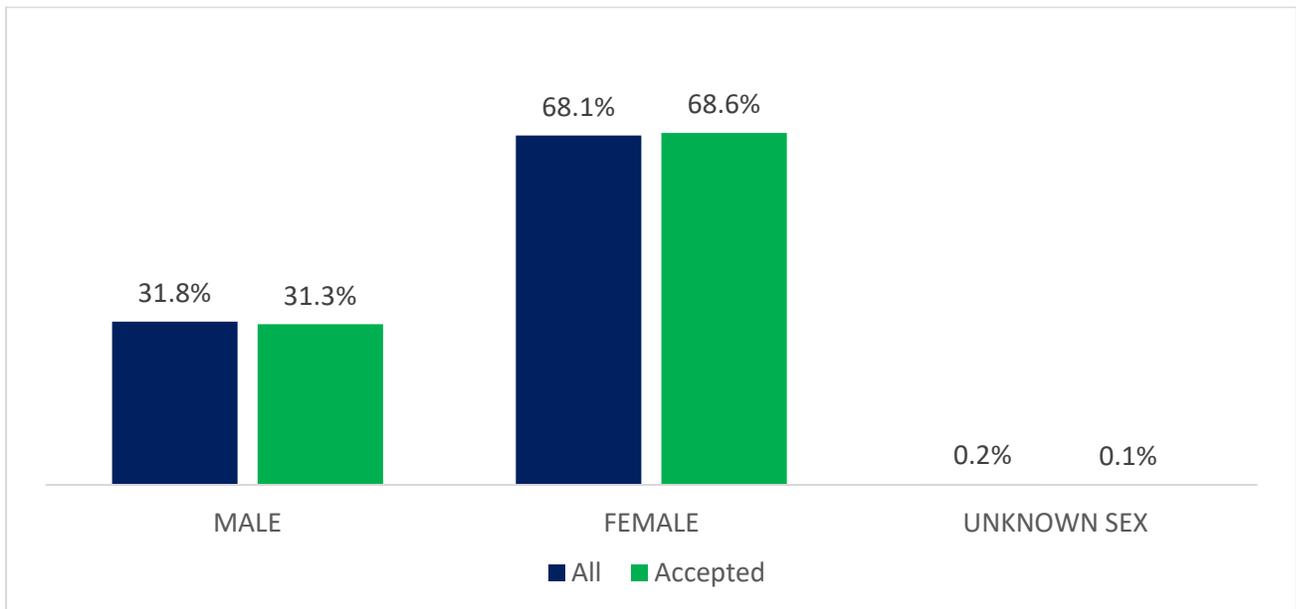
Age	MALE		FEMALE		DECLINE TO STATE		TOTAL	
	#	%	#	%	#	%	#	%
Age Up to 19	398	11.1%	1,141	14.9%	2	20.0%	1,541	13.7%
Age 20 - 25	2,257	63.2%	4,899	64.1%	4	40.0%	7,160	63.8%
Age 26 - 30	467	13.1%	816	10.7%	3	30.0%	1,286	11.5%
Age 31 - 35	199	5.6%	358	4.7%	0	0.0%	557	5.0%
Age 36 - 40	119	3.3%	230	3.0%	1	10.0%	350	3.1%
Age 41 - 45	55	1.5%	109	1.4%	0	0.0%	164	1.5%
Age 46+	69	1.9%	77	1.0%	0	0.0%	146	1.3%
Age Unknown	7	0.2%	8	0.1%	0	0.0%	15	0.1%
TOTAL	3,571	100%	7,638	100%	10	100%	11,219	100%
Mean	24.42		23.54		25.5		23.82	
Median	22		22		23		22	
Range	16-72		17-61		19-39		16-72	

Figure 11: Accepted PharmCAS Applicants by Age and Sex

Age	MALE		FEMALE		DECLINE TO STATE		TOTAL	
	#	%	#	%	#	%	#	%
Age Up to 19	358	11.8%	1,062	16.0%	2	25.0%	1,422	14.7%
Age 20 - 25	2,002	65.9%	4,404	66.2%	2	25.0%	6,408	66.1%
Age 26 - 30	372	12.2%	645	9.7%	3	37.5%	1,020	10.5%
Age 31 - 35	152	5.0%	261	3.9%	0	0.0%	413	4.3%
Age 36 - 40	76	2.5%	152	2.3%	1	12.5%	229	2.4%
Age 41 - 45	31	1.0%	79	1.2%	0	0.0%	110	1.1%
Age 46+	39	1.3%	47	0.7%	0	0.0%	86	0.9%
Age Unknown	7	0.2%	5	0.1%	0	0.0%	12	0.1%
TOTAL	3,037	100%	6,655	100%	8	100%	9,700	100%
Mean	23.78		23.07		26.00		23.29	
Median	22		21		25		22	
Range	16-64		17-61		19-39		16-64	

Figure 12: Percentage of PharmCAS Applicants by Age and Sex**Figure 13: Percentage of Accepted PharmCAS Applicants by Age and Sex**

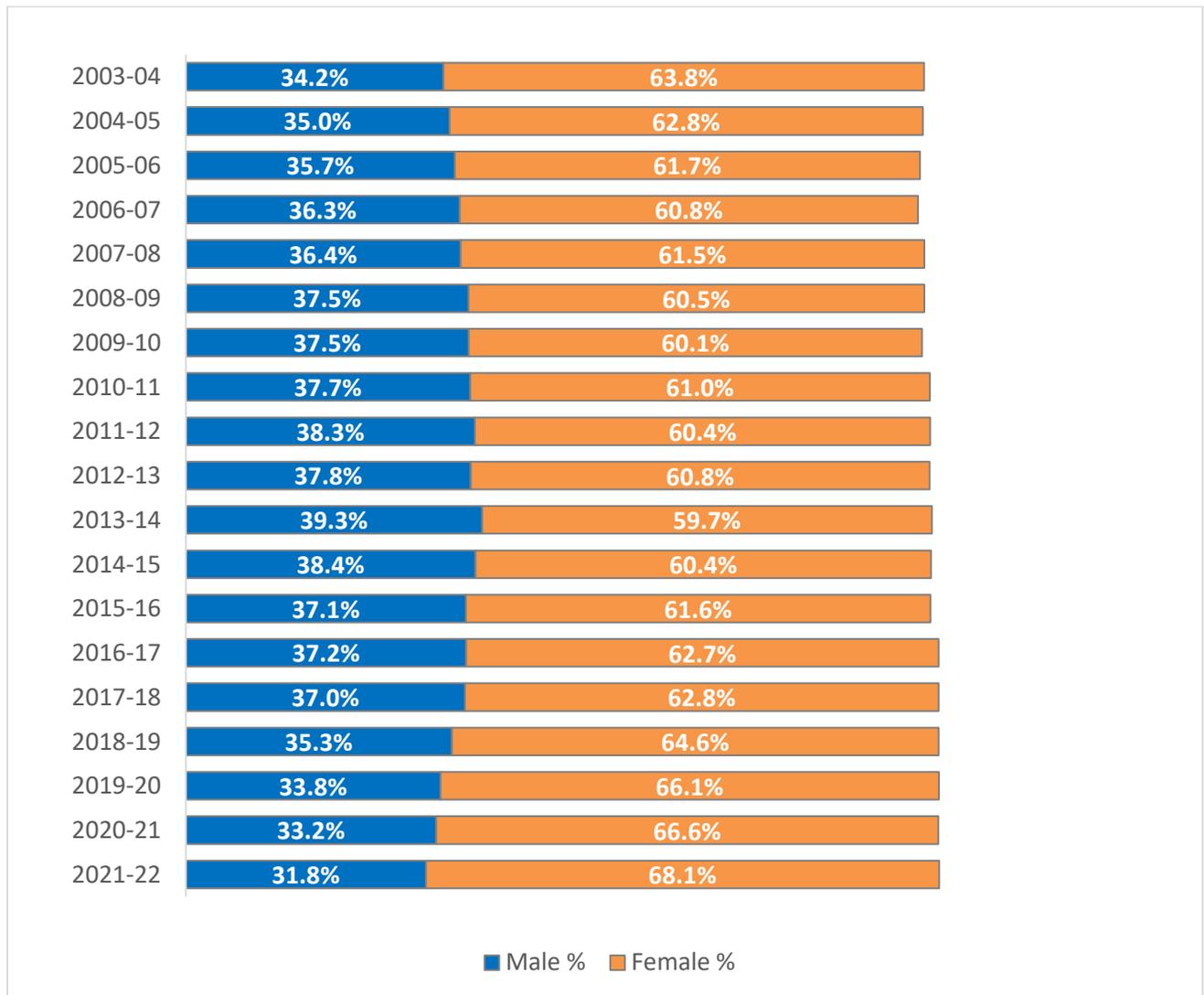
* The percentages in these graphs were calculated based on the total number of applicants in the 2021-2022 pools (all and accepted). Applicants who declined to report an age on the PharmCAS application are reported as "Age Unknown". Applicants who declined to report a sex are not represented in this 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)

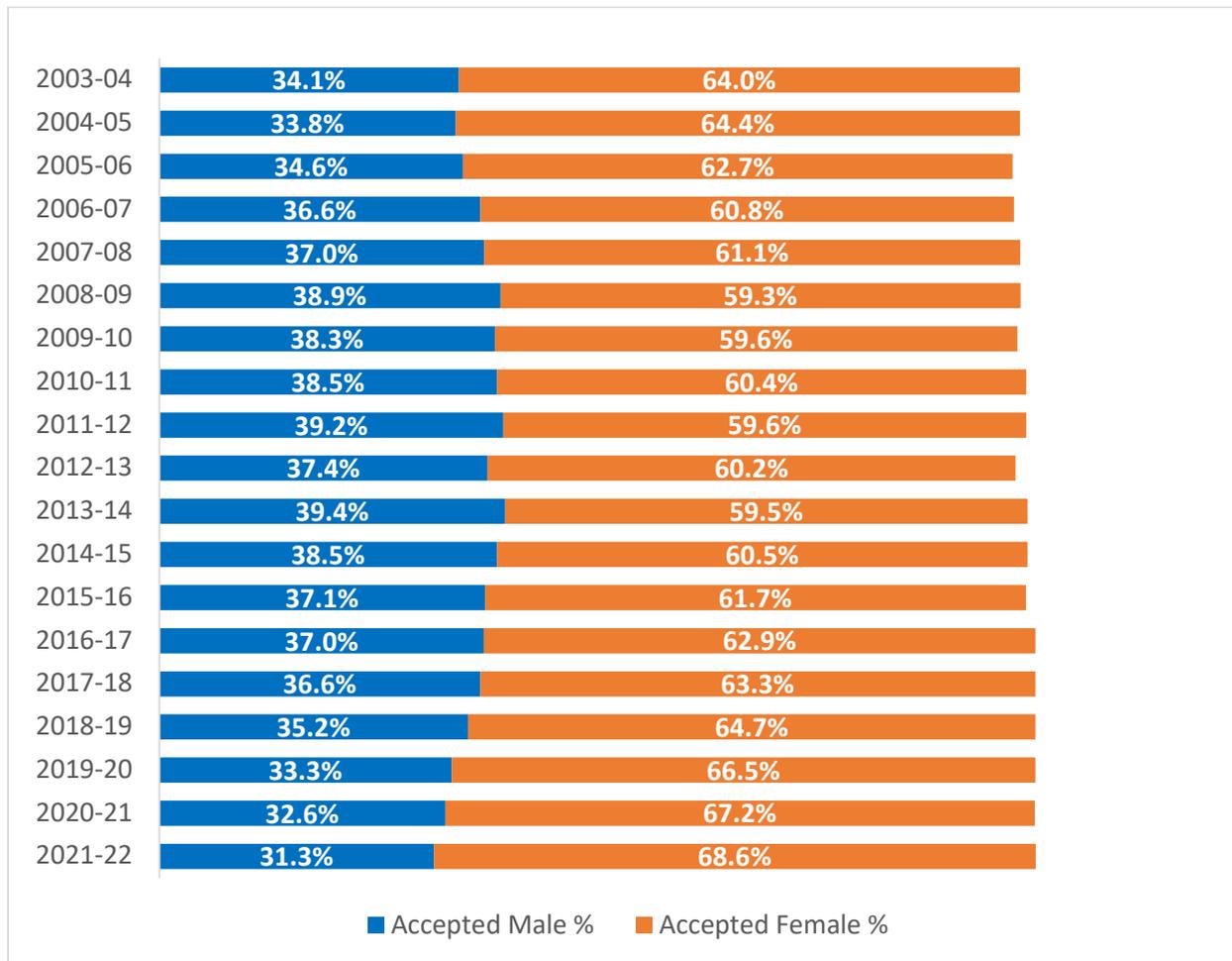
Cycle	Male	% of Total Pool	Female	% of Total Pool	Decline to State	% of Total Pool	Total
2003-04	4,689	34.2%	8,748	63.8%	285	2.1%	13,722
2004-05	5,047	35.0%	9,062	62.8%	324	2.2%	14,433
2005-06	5,224	35.7%	9,042	61.7%	384	2.6%	14,650
2006-07	5,402	36.3%	9,037	60.8%	430	2.9%	14,869
2007-08	5,795	36.4%	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

Figure 16: Percentage of PharmCAS Applicants by Sex per Cycle (2004-2022)

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

Figure 17: Accepted PharmCAS Applicants by Sex per Cycle (2004-2022)

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

Figure 18: Percentage of Accepted PharmCAS Applicants by Sex per Cycle (2004-2022)

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 stated, *“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 were: 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	7,149	63.72%
Male/Man	3,265	29.10%
Non-Binary/Third gender	19	0.17%
Trans female/Trans woman	1	0.01%
Trans male/Trans man	2	0.02%
Prefer to self-describe	2	0.02%
More than one gender	25	0.22%
No answer	756	6.74%
TOTAL	11,219	100.0%

RACE/ETHNICITY

During the 2003-2004 (first) admissions cycle, applicants could select only one racial or ethnic category on the PharmCAS application. Applicants in the 2009-10 cycle could select one or more racial or ethnic categories, and the “Hispanic or 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 the purpose of 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 or Latino, regardless of race selected. There were **1,201** applicants who selected YES to the “race_hispanic” field and YES to at least one race field (as compared to 1,351 in the previous cycle). There were **323** applicants who selected YES to the “race_hispanic” field only and did not select a race field (as compared to 402 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/Ethnicity and Sex

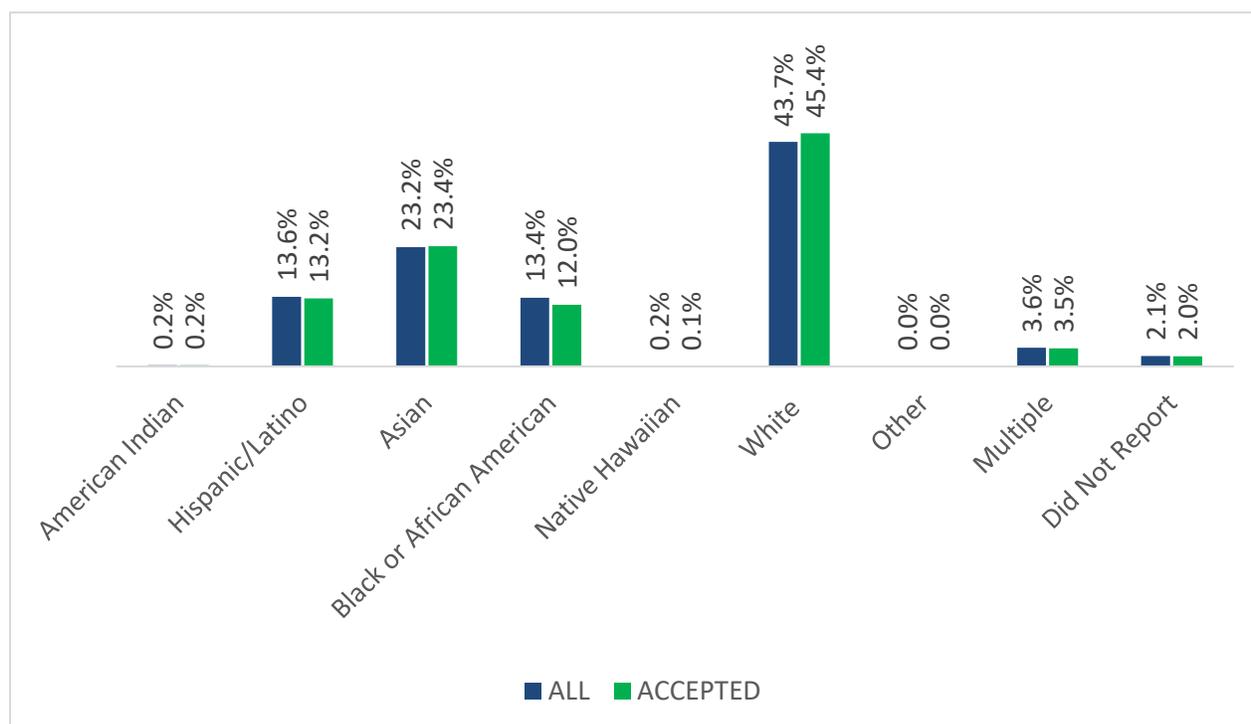
RACE/ETHNICITY	2021-2022 Applicants in PharmCAS							
	MALE		FEMALE		UNKNOWN		TOTAL	
	#	%	#	%	#	%	#	%
American Indian	7	0.20%	19	0.25%	0	0.00%	26	0.23%
Hispanic/Latino	534	14.95%	988	12.94%	2	20.00%	1,524	13.58%
Asian	842	23.58%	1,762	23.07%	1	10.00%	2,605	23.22%
Black or African American	468	13.11%	1,034	13.54%	0	0.00%	1,502	13.39%
Native Hawaiian	5	0.14%	12	0.16%	0	0.00%	17	0.15%
White	1,498	41.95%	3,403	44.55%	5	50.00%	4,906	43.73%
Other	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Multiple	141	3.95%	267	3.50%	1	10.00%	409	3.65%
Did Not Report	76	2.13%	153	2.00%	1	10.00%	230	2.05%
TOTAL	3,571	100%	7,638	100%	10	100%	11,219	100%

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

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

RACE/ETHNICITY	2021-2022 Accepted Applicants in PharmCAS							
	MALE		FEMALE		UNKNOWN		TOTAL	
	#	%	#	%	#	%	#	%
American Indian	5	0.16%	19	0.29%	0	0.00%	24	0.25%
Hispanic/Latino	447	14.72%	836	12.56%	2	25.00%	1285	13.25%
Asian	727	23.94%	1546	23.23%	1	12.50%	2274	23.44%
Black or African American	353	11.62%	812	12.20%	0	0.00%	1165	12.01%
Native Hawaiian	5	0.16%	9	0.14%	0	0.00%	14	0.14%
White	1320	43.46%	3081	46.30%	4	50.00%	4405	45.41%
Other	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Multiple	119	3.92%	223	3.35%	1	12.50%	343	3.54%
Did Not Report	61	2.01%	129	1.94%	0	0.00%	190	1.96%
TOTAL	3,037	100%	6,655	100%	8	100%	9,700	100%

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

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

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

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

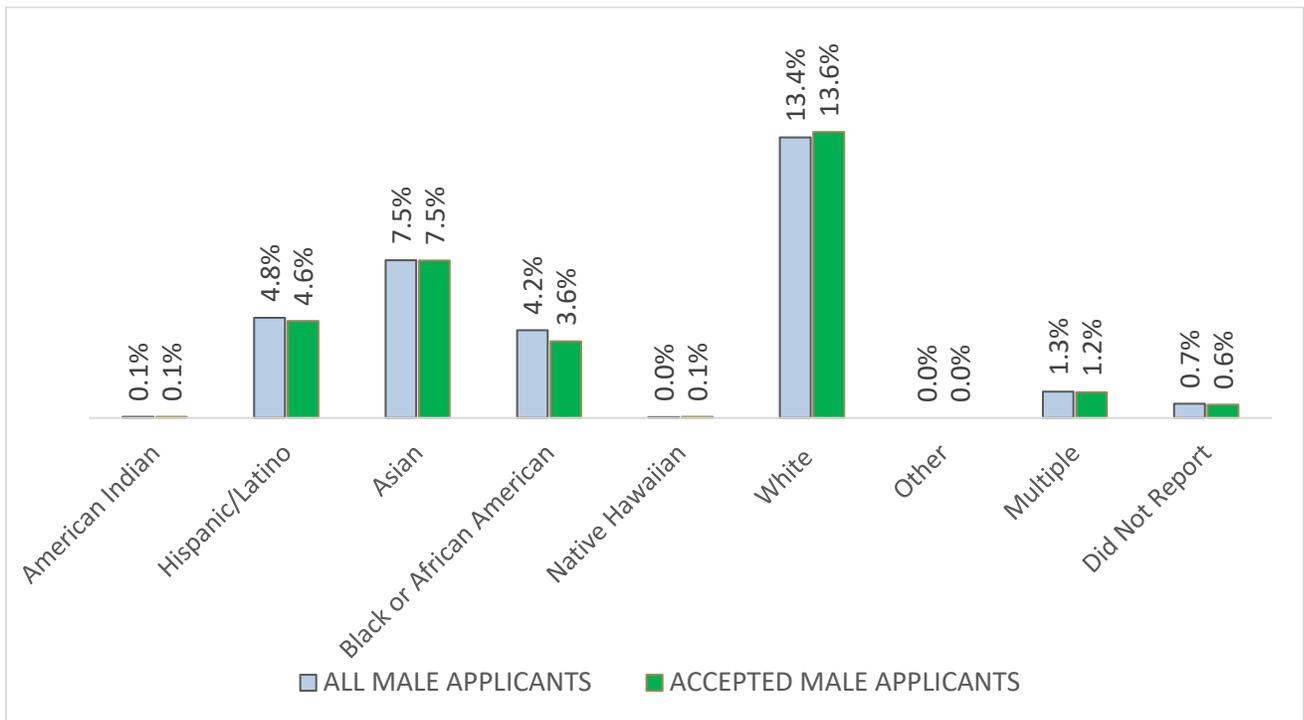
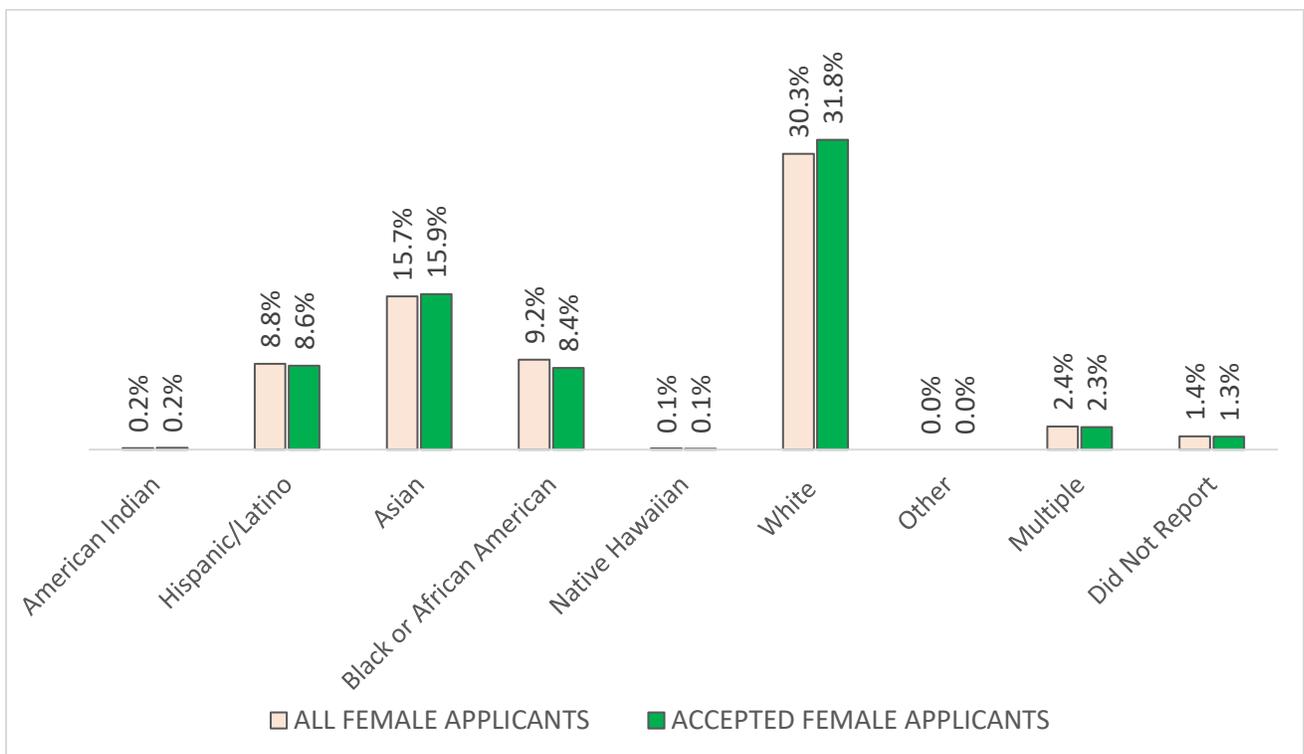


Figure 24: Percentage of FEMALE PharmCAS Applicants by Race and Acceptance Status

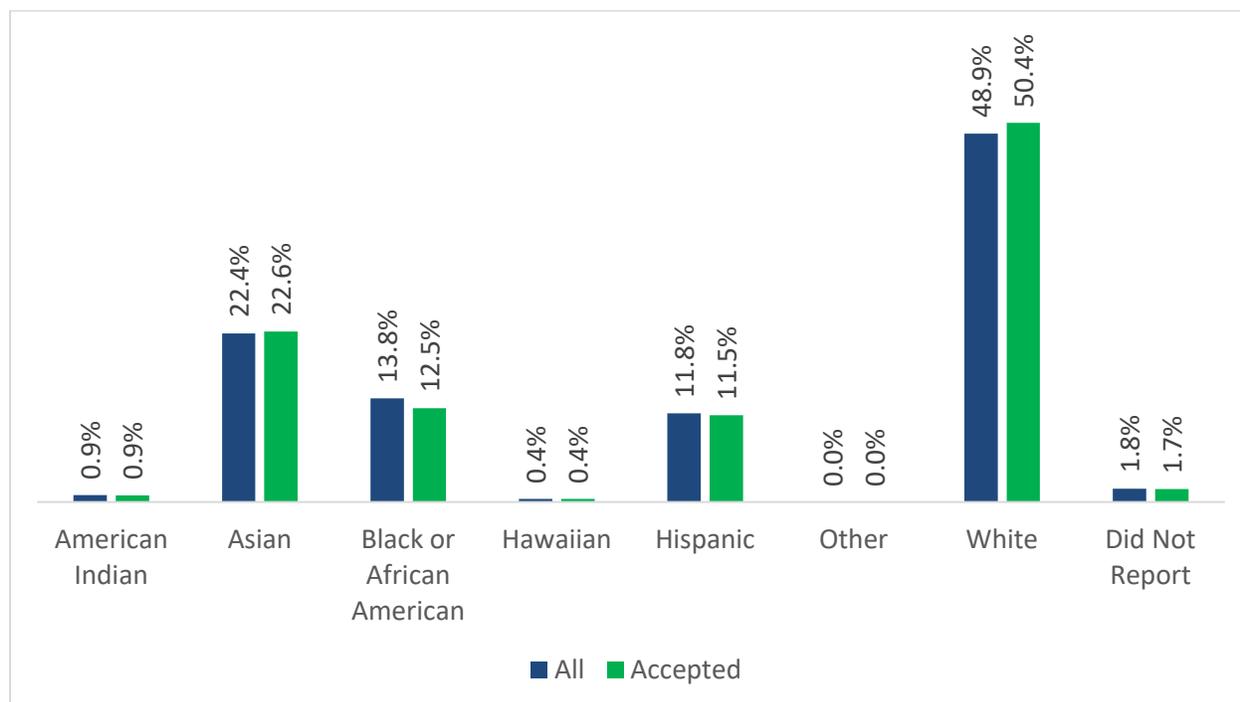


* Percentages in the graphs above were calculated based on the total number of applicants in each pool (all and accepted). Race/ethnicity categories in table are mutually exclusive.

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/ETHNICITY DESIGNATIONS	All Applicants		Accepted Applicants	
	#	%	#	%
American Indian	121	0.9%	96	0.9%
Asian	2894	22.4%	2,522	22.6%
Black or African American	1779	13.8%	1,390	12.5%
Native Hawaiian	51	0.4%	44	0.4%
Hispanic/Latino	1524	11.8%	1,285	11.5%
Other	0	0.0%	0	0.0%
White	6324	48.9%	5,608	50.4%
Did Not Report	230	1.8%	190	1.7%
Total	12,923	100%	11,135	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/ Alaskan Native	Hawaiian/ Pacific Islander
Alabama	69.3%	7.6%	1.7%	20.2%	1.3%	
Alaska	50.0%	20.8%	4.2%	12.5%	12.5%	
Arizona	52.2%	19.9%	17.3%	7.7%	2.6%	0.3%
Arkansas	70.3%	12.1%	1.1%	15.4%	1.1%	
California	29.3%	53.6%	10.1%	5.5%	0.1%	1.4%
Colorado	49.7%	20.9%	10.5%	15.7%	3.3%	
Connecticut	52.6%	31.4%	7.1%	8.3%	0.6%	
Delaware	61.5%	19.2%		19.2%		
District of Columbia		40.0%		60.0%		
Florida	44.5%	13.1%	22.6%	19.2%	0.6%	
Georgia	43.2%	18.8%	5.6%	31.2%	1.2%	
Hawaii	23.8%	54.0%	3.2%	1.6%	3.2%	14.3%
Idaho	82.5%	8.8%	5.3%	3.5%		
Illinois	55.5%	25.0%	7.9%	11.3%	0.4%	
Indiana	66.9%	17.1%	4.3%	10.9%	0.8%	
Iowa	81.9%	11.8%	0.8%	4.7%	0.8%	
Kansas	63.0%	21.0%	8.4%	5.0%	2.5%	
Kentucky	83.8%	8.1%	2.2%	5.9%		
Louisiana	54.5%	11.1%	5.3%	28.0%	1.1%	
Maine	58.3%	20.8%	8.3%	12.5%		
Maryland	28.2%	21.1%	4.2%	45.5%	0.9%	
Massachusetts	45.5%	22.4%	7.1%	24.4%	0.6%	
Michigan	71.3%	16.3%	3.3%	7.2%	1.4%	0.5%
Minnesota	63.8%	13.6%	2.5%	19.6%	0.5%	
Mississippi	55.5%	9.7%	0.6%	32.9%	1.3%	
Missouri	72.6%	11.9%	3.0%	11.9%	0.6%	
Montana	94.9%	2.6%			2.6%	
Nebraska	74.6%	6.8%	8.5%	8.5%	1.7%	
Nevada	34.0%	45.4%	8.2%	5.2%	3.1%	4.1%
New Hampshire	76.9%	3.8%	11.5%	7.7%		
New Jersey	48.4%	29.8%	8.3%	13.5%		
New Mexico	44.3%	11.5%	39.3%	2.5%	2.5%	
New York	48.1%	29.5%	6.5%	15.2%	0.3%	0.3%
North Carolina	56.2%	16.1%	4.7%	21.2%	1.8%	
North Dakota	80.0%	5.7%	5.7%	5.7%	2.9%	

Permanent State of Residency	White	Asian	Hispanic/Latino	Black or African American	American Indian/Alaskan Native	Hawaiian/Pacific Islander
Ohio	70.6%	11.5%	3.6%	12.9%	1.1%	0.3%
Oklahoma	46.8%	23.4%	5.3%	10.6%	13.8%	
Oregon	53.3%	32.8%	8.2%	3.3%	0.8%	1.6%
Pennsylvania	63.6%	21.7%	2.8%	11.3%	0.3%	0.3%
Puerto Rico	38.6%	0.4%	52.3%	8.4%	0.4%	
Rhode Island	75.0%		16.7%	8.3%		
South Carolina	55.3%	12.6%	6.0%	23.7%	1.4%	0.9%
South Dakota	77.8%		11.1%	11.1%		
Tennessee	60.4%	11.9%	4.3%	22.6%	0.4%	0.4%
Texas	40.1%	19.2%	23.7%	15.7%	0.8%	0.5%
Utah	71.4%	13.3%	10.2%	2.0%	2.0%	1.0%
Vermont	90.0%	10.0%				
Virginia	51.8%	21.0%	6.3%	19.2%	1.3%	0.4%
Washington	42.9%	42.9%	6.3%	6.9%	1.1%	
West Virginia	84.5%	9.9%	1.4%	4.2%		
Wisconsin	72.3%	19.2%	3.6%	4.0%	0.9%	
Wyoming	85.0%	15.0%				
All Applicants in PharmCAS	48.9%	22.4%	11.8%	13.8%	0.9%	0.4%

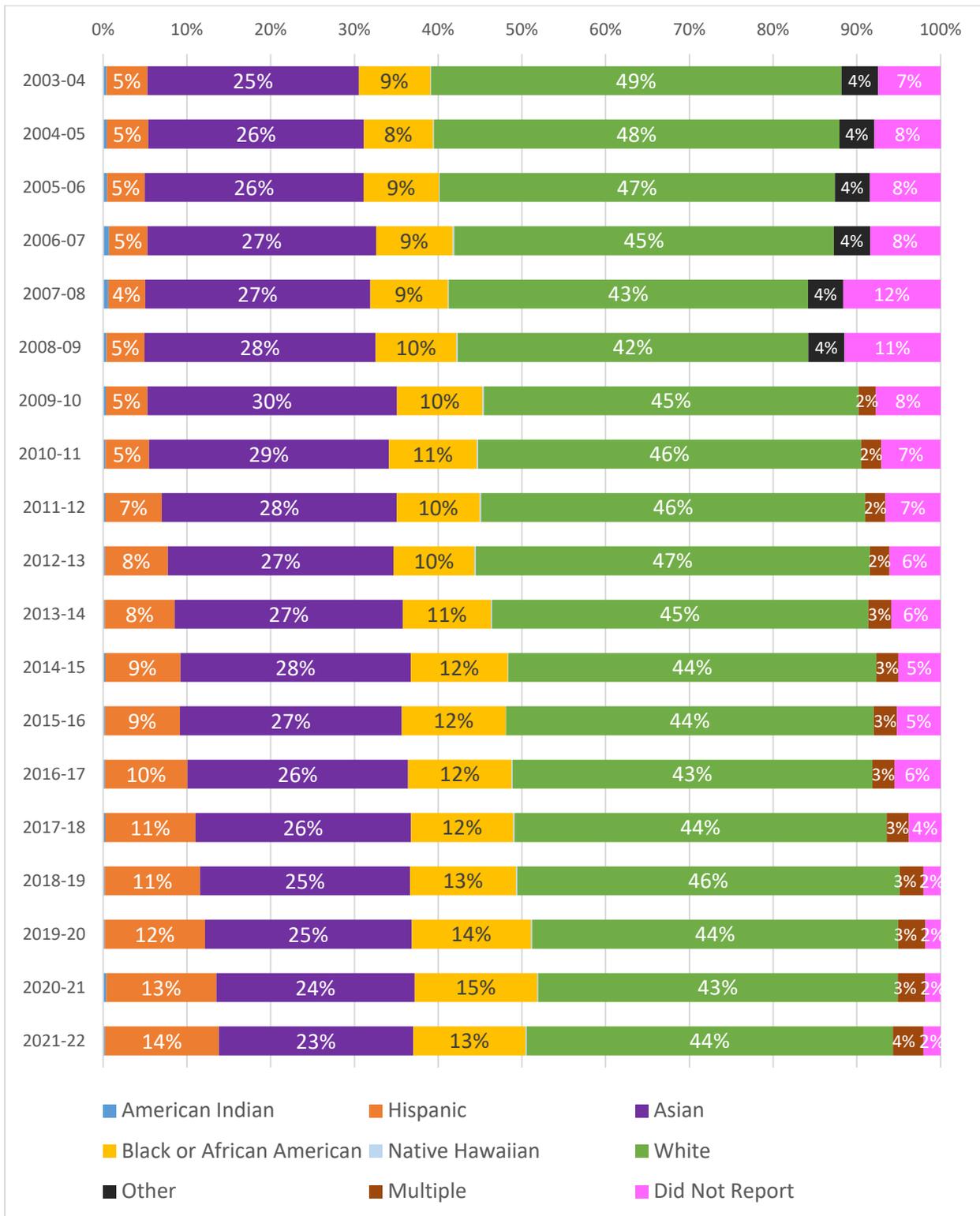
**Racial and ethnicity categories in the table are not mutually exclusive. Percentages were calculated based on the total number of race designations per permanent state of residency in the Citizenship block. Applicants with a permanent address in other locations (e.g., international) or declined to 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/Ethnicity per Cycle (2004-2022)

Cycle	American Indian	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%

* Percentages were calculated based on the total number of PharmCAS applicants in the pool. Race/ethnicity categories in the table are mutually exclusive. The 2021-2022 data can also be found in Figure 20.

Figure 29: Percentage of PharmCAS Applicants by Race/Ethnicity per Cycle (2004-2022)



* Percentages were calculated based on the total number of PharmCAS applicants in the pool. Race/ethnicity categories in the table are mutually exclusive. Trend data is also available in Figure 28. The 2021-2022 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 or 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	3,823	34.08%	3,077	31.72%
# of Applicants with an EO Score	7,396	65.92%	6,623	68.28%
Mean EO Score	4.2		4.2	
Median EO Score	4.5		4.50	
Total	11,219	100%	9,700	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.	2,601	23.18%	2,132	21.98%

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.	546	4.87%	442	4.56%
I graduated from a high school at which many of the enrolled students are eligible for free or reduced price lunches.	3,454	30.79%	3,005	30.98%
I am from a family that receives public assistance (e.g., Aid to Families with Dependent Children, food stamps, Medicaid, public housing).	1,610	14.35%	1,343	13.85%
I am from a family that lives in an area that is designated as a Health Professional Shortage Area, or a Medically Underserved Area.	827	7.37%	708	7.30%
I participated in an academic enrichment program funded in whole or in part by the Health Careers Opportunity Program	140	1.25%	111	1.14%
I am from a school district where 50% or less of graduates go to college or where college education is not encouraged.	1,026	9.15%	861	8.88%
I am the first generation in my family to attend college (neither my mother nor my father attended college).	2,938	26.19%	2,476	25.53%
English is not my primary language.	1,849	16.48%	1,514	15.61%
Applicants reporting at least one disadvantage	6,134	54.68%	5,214	53.75%

**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	10,024	89.35%	8,753	90.24%
Permanent U.S. Resident	624	5.56%	511	5.27%
Temporary U.S. Resident	96	0.86%	77	0.79%
Non Resident	293	2.61%	230	2.37%
None	182	1.62%	129	1.33%
Did Not Report	0	0.00%	0	0.00%
Total	11,219	100%	9,700	100%

Figure 34: Percentage of PharmCAS Applicants by Citizenship Status

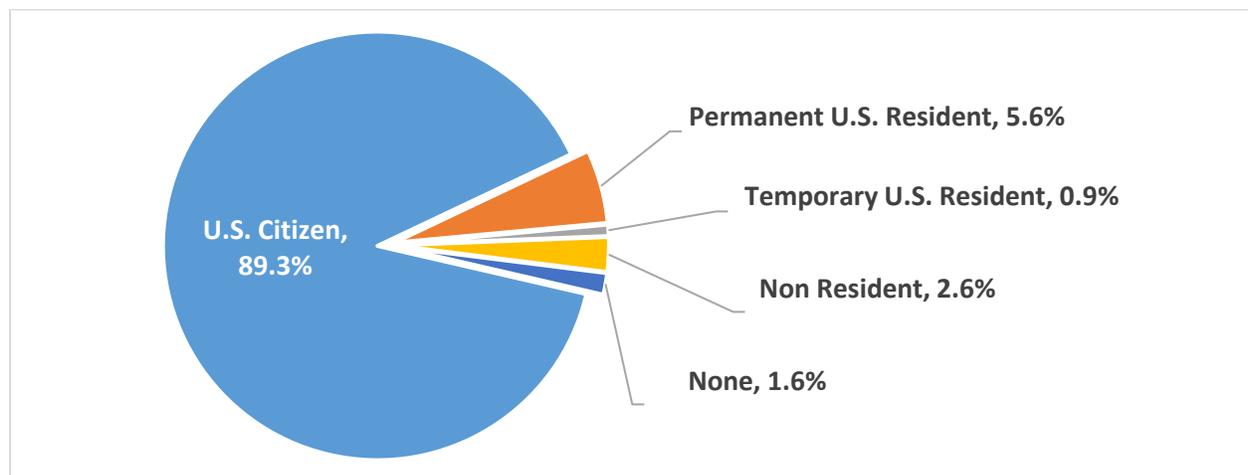
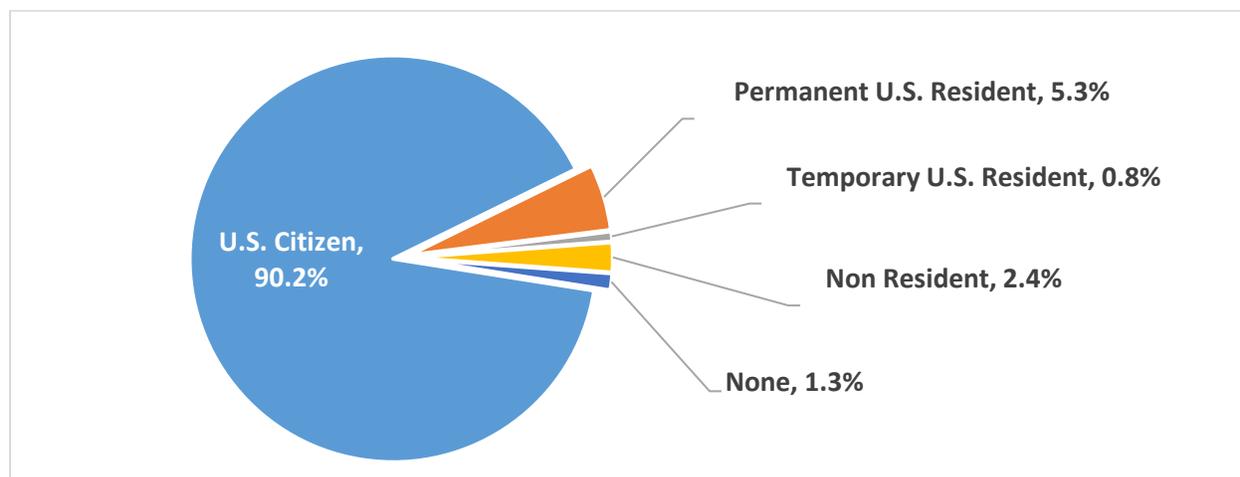


Figure 35: Percentage of Accepted PharmCAS Applicants by Citizenship Status



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			
	2020-21	2021-2022			2020-21	2021-2022		
	#	#	%	% Change	#	#	%	% Change
Alabama	212	225	2.01%	6%	188	216	2.23%	15%
Alaska	22	17	0.15%	-23%	19	16	0.16%	-16%
American Samoa	1			-100%	1			-100%
Arizona	315	255	2.27%	-19%	274	217	2.24%	-21%
Arkansas	121	89	0.79%	-26%	110	78	0.80%	-29%
AF Europe, Africa, Canada, Middle East	1	1	0.01%	0%	1			-100%
AF Pacific								
California	1,558	1,232	10.98%	-21%	1,404	1,116	11.51%	-21%
Colorado	109	130	1.16%	19%	88	112	1.15%	27%
Connecticut	146	142	1.27%	-3%	123	115	1.19%	-7%
Delaware	20	24	0.21%	20%	16	20	0.21%	25%
District of Columbia	11	4	0.04%	-64%	9	3	0.03%	-67%
Florida	982	780	6.95%	-21%	834	663	6.84%	-21%
Georgia	438	373	3.32%	-15%	375	324	3.34%	-14%
Guam	4	5	0.04%	25%	4	5	0.05%	25%
Hawaii	65	49	0.44%	-25%	58	45	0.46%	-22%
Idaho	51	52	0.46%	2%	48	49	0.51%	2%
Illinois	624	519	4.63%	-17%	514	446	4.60%	-13%
Indiana	272	240	2.14%	-12%	224	201	2.07%	-10%
International	325	356	3.17%	10%	258	268	2.76%	4%
Iowa	115	123	1.10%	7%	106	109	1.12%	3%
Kansas	140	116	1.03%	-17%	106	100	1.03%	-6%
Kentucky	214	182	1.62%	-15%	205	169	1.74%	-18%
Louisiana	241	183	1.63%	-24%	208	155	1.60%	-25%
Maine	27	23	0.21%	-15%	26	21	0.22%	-19%
Maryland	248	200	1.78%	-19%	204	167	1.72%	-18%

State or Province	All Applicants				Accepted Applicants			
	2020-21	2021-2022			2020-21	2021-2022		
	#	#	%	% Change	#	#	%	% Change
Massachusetts	221	168	1.50%	-24%	188	137	1.41%	-27%
Michigan	461	415	3.70%	-10%	411	361	3.72%	-12%
Minnesota	225	191	1.70%	-15%	199	167	1.72%	-16%
Mississippi	190	144	1.28%	-24%	167	126	1.30%	-25%
Missouri	215	163	1.45%	-24%	182	140	1.44%	-23%
Montana	45	39	0.35%	-13%	43	39	0.40%	-9%
Nebraska	70	54	0.48%	-23%	59	46	0.47%	-22%
Nevada	127	74	0.66%	-42%	104	68	0.70%	-35%
New Hampshire	38	22	0.20%	-42%	29	22	0.23%	-24%
New Jersey	296	240	2.14%	-19%	251	203	2.09%	-19%
New Mexico	81	86	0.77%	6%	71	72	0.74%	1%
New York	719	575	5.13%	-20%	635	515	5.31%	-19%
North Carolina	333	248	2.21%	-26%	302	221	2.28%	-27%
North Dakota	37	36	0.32%	-3%	34	35	0.36%	3%
Northern Mariana Islands								
Ohio	381	343	3.06%	-10%	339	310	3.20%	-9%
Oklahoma	95	77	0.69%	-19%	76	65	0.67%	-14%
Oregon	123	106	0.94%	-14%	116	98	1.01%	-16%
Other/Unknown	25	21	0.19%	-16%	13	10	0.10%	-23%
Pennsylvania	411	318	2.83%	-23%	369	288	2.97%	-22%
Puerto Rico	437	372	3.32%	-15%	334	286	2.95%	-14%
Rhode Island	14	12	0.11%	-14%	11	7	0.07%	-36%
South Carolina	226	201	1.79%	-11%	199	166	1.71%	-17%
South Dakota	11	10	0.09%	-9%	8	8	0.08%	0%
Tennessee	279	215	1.92%	-23%	252	179	1.85%	-29%
Texas	1,117	970	8.65%	-13%	926	803	8.28%	-13%
US Minor Outlying Islands		2	0.02%			2	0.02%	
Utah	79	91	0.81%	15%	70	83	0.86%	19%
Vermont	6	9	0.08%	50%	4	8	0.08%	100%
Virgin Islands	1			-100%				
Virginia	253	218	1.94%	-14%	223	190	1.96%	-15%
Washington	207	176	1.57%	-15%	193	157	1.62%	-19%
West Virginia	79	65	0.58%	-18%	74	62	0.64%	-16%
Wisconsin	237	218	1.94%	-8%	215	195	2.01%	-9%
Wyoming	23	20	0.18%	-13%	20	16	0.16%	-20%
Did Not Report								
TOTAL	13,324	11,219	100%	-15.8%	11,520	9,700	100%	-15.8%

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

Rank	State or Province	#	%
1	California	1,232	10.98%
2	Texas	970	8.65%
3	Florida	780	6.95%
4	New York	575	5.13%
5	Illinois	519	4.63%
6	Michigan	415	3.70%
7	Georgia	373	3.32%
8	Puerto Rico	372	3.32%
9	International	356	3.17%
10	Ohio	343	3.06%
11	Pennsylvania	318	2.83%
12	Arizona	255	2.27%
13	North Carolina	248	2.21%
14	Indiana	240	2.14%
15	New Jersey	240	2.14%
16	Alabama	225	2.01%
17	Virginia	218	1.94%
18	Wisconsin	218	1.94%
19	Tennessee	215	1.92%
20	South Carolina	201	1.79%
21	Maryland	200	1.78%
22	Minnesota	191	1.70%
23	Louisiana	183	1.63%
24	Kentucky	182	1.62%
25	Washington	176	1.57%
26	Massachusetts	168	1.50%
27	Missouri	163	1.45%
28	Mississippi	144	1.28%
29	Connecticut	142	1.27%
30	Colorado	130	1.16%
31	Iowa	123	1.10%
32	Kansas	116	1.03%
33	Oregon	106	0.94%
34	Utah	91	0.81%
35	Arkansas	89	0.79%
36	New Mexico	86	0.77%
37	Oklahoma	77	0.69%
38	Nevada	74	0.66%
39	West Virginia	65	0.58%
40	Nebraska	54	0.48%

41	Idaho	52	0.46%
42	Hawaii	49	0.44%
43	Montana	39	0.35%
44	North Dakota	36	0.32%
45	Delaware	24	0.21%
46	Maine	23	0.21%
47	New Hampshire	22	0.20%
48	Other/Unknown	21	0.19%
49	Wyoming	20	0.18%
50	Alaska	17	0.15%
51	Rhode Island	12	0.11%
52	South Dakota	10	0.09%
53	Vermont	9	0.08%
54	Guam	5	0.04%
55	District of Columbia	4	0.04%
56	United States Minor Outlying Islands	2	0.02%
57	Armed Forces Europe, Africa, Canada, Middle East	1	0.01%
58	Did Not Report		
59	American Samoa		
60	Armed Forces Pacific		
61	Northern Mariana Islands		
62	Virgin 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.*

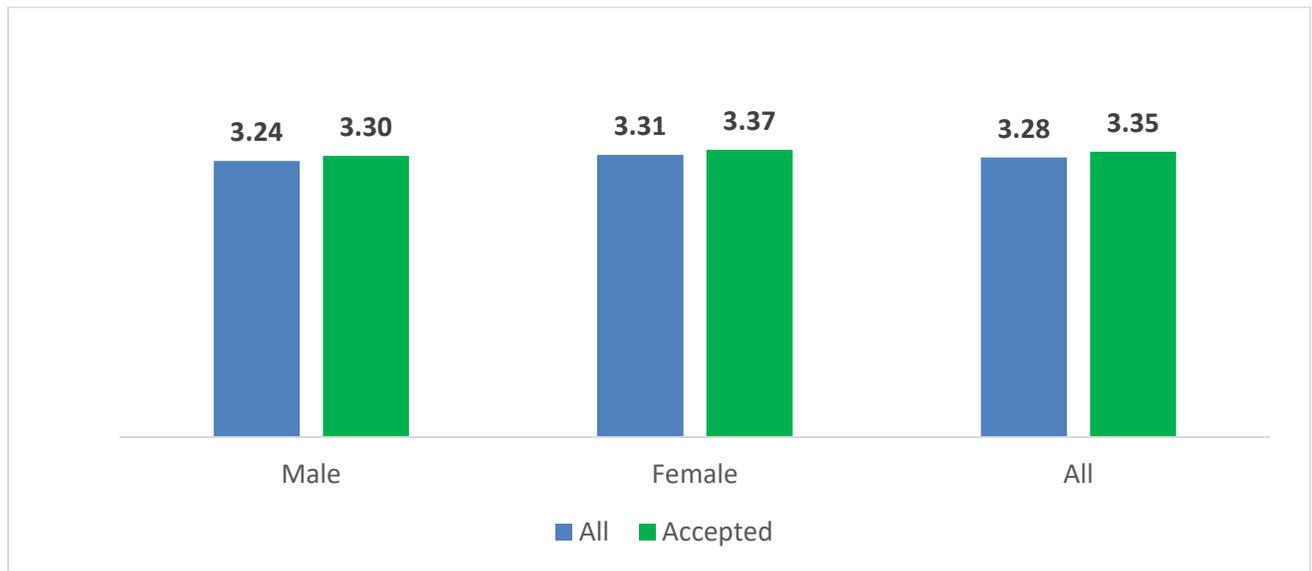
GRADE POINT AVERAGES (GPAS)

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.

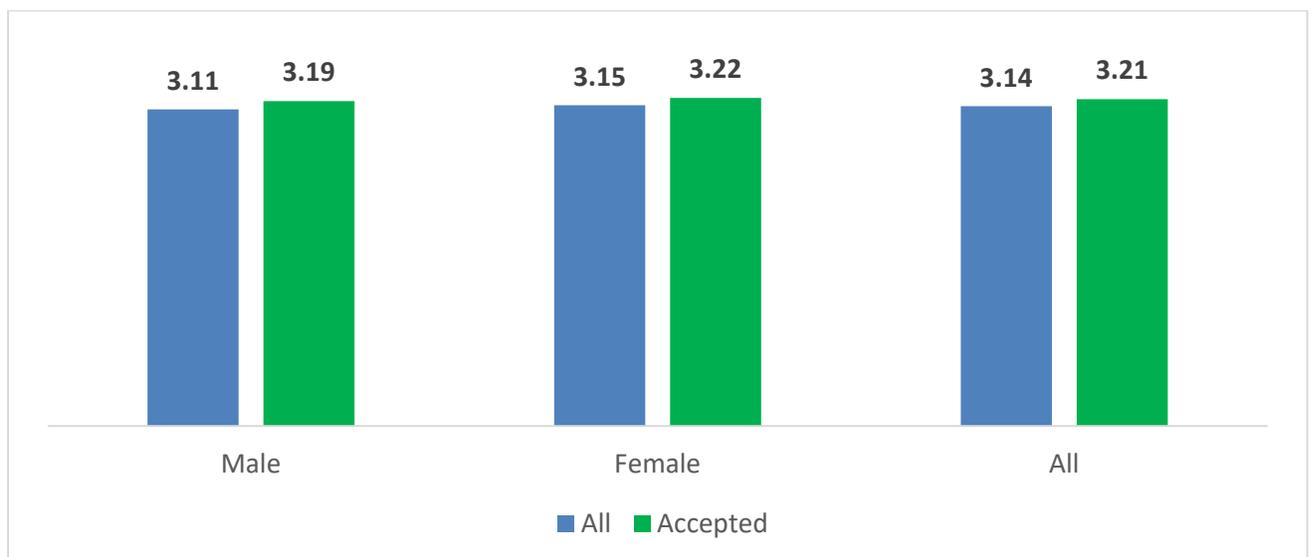
Figure 38: PharmCAS GPAs by Sex and Acceptance Status

PharmCAS GPAs	ALL APPLICANTS				ACCEPTED APPLICANTS			
	Male	Female	Unknown	All	Male	Female	Unknown	All
Freshman	3.22	3.33	3.17	3.29	3.28	3.39	3.25	3.35
Sophomore	3.18	3.22	2.96	3.21	3.24	3.29	3.04	3.28
Junior	3.16	3.20	3.30	3.19	3.23	3.27	3.25	3.26
Senior	3.21	3.26	2.89	3.24	3.27	3.32	2.79	3.30
Post-Baccalaureate	3.44	3.40	3.96	3.41	3.48	3.46	3.96	3.46
Graduate	3.27	3.29	3.74	3.28	3.34	3.33		3.34
Cumulative Undergraduate	3.24	3.31	3.12	3.28	3.30	3.37	3.24	3.35
Freshman Math	3.09	3.20	2.94	3.17	3.15	3.27	3.10	3.23
Sophomore Math	3.06	3.09	2.99	3.08	3.13	3.17	2.83	3.16
Junior Math	3.09	3.10	3.35	3.10	3.17	3.17	3.35	3.17
Senior Math	3.16	3.12	2.57	3.13	3.24	3.19	2.85	3.20
Post-Baccalaureate Math	3.33	3.27	4.00	3.30	3.38	3.33	4.00	3.35
Cumulative Undergrad Math	3.13	3.21	3.06	3.18	3.20	3.28	3.26	3.25
Graduate Math	3.41	3.46		3.44	3.43	3.46		3.45
Overall Math	3.13	3.21	3.06	3.18	3.20	3.28	3.26	3.25
Freshman Non-Science	3.30	3.43	3.29	3.39	3.36	3.49	3.36	3.45
Sophomore Non-Science	3.37	3.44	3.13	3.42	3.43	3.51	3.16	3.48
Junior Non-Science	3.42	3.48	3.58	3.46	3.48	3.54	3.51	3.52
Senior Non-Science	3.45	3.53	3.03	3.50	3.50	3.58	3.23	3.56
Post-Baccalaureate Non-Sci	3.53	3.54	3.90	3.54	3.56	3.59	3.90	3.58
Cum Undergrad Non-Science	3.38	3.48	3.26	3.45	3.44	3.54	3.36	3.51
Graduate Non-Science	3.46	3.58		3.54	3.53	3.64		3.60
Overall Non-Science	3.38	3.48	3.26	3.45	3.44	3.54	3.36	3.51
Freshman Science	3.09	3.13	2.73	3.12	3.16	3.20	2.83	3.19
Sophomore Science	3.01	3.03	3.02	3.03	3.08	3.11	3.16	3.10
Junior Science	3.01	3.04	3.15	3.03	3.09	3.12	3.10	3.11
Senior Science	3.10	3.14	2.79	3.12	3.17	3.21	2.63	3.19
Post-Baccalaureate Science	3.40	3.36	4.00	3.37	3.45	3.41	4.00	3.43
Cum Undergrad Science	3.11	3.15	2.99	3.14	3.18	3.22	3.14	3.21
Graduate Science	3.18	3.21	3.74	3.20	3.25	3.26		3.25
Overall Science	3.11	3.15	3.00	3.14	3.19	3.22	3.14	3.21
Overall	3.24	3.31	3.13	3.29	3.30	3.37	3.24	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.

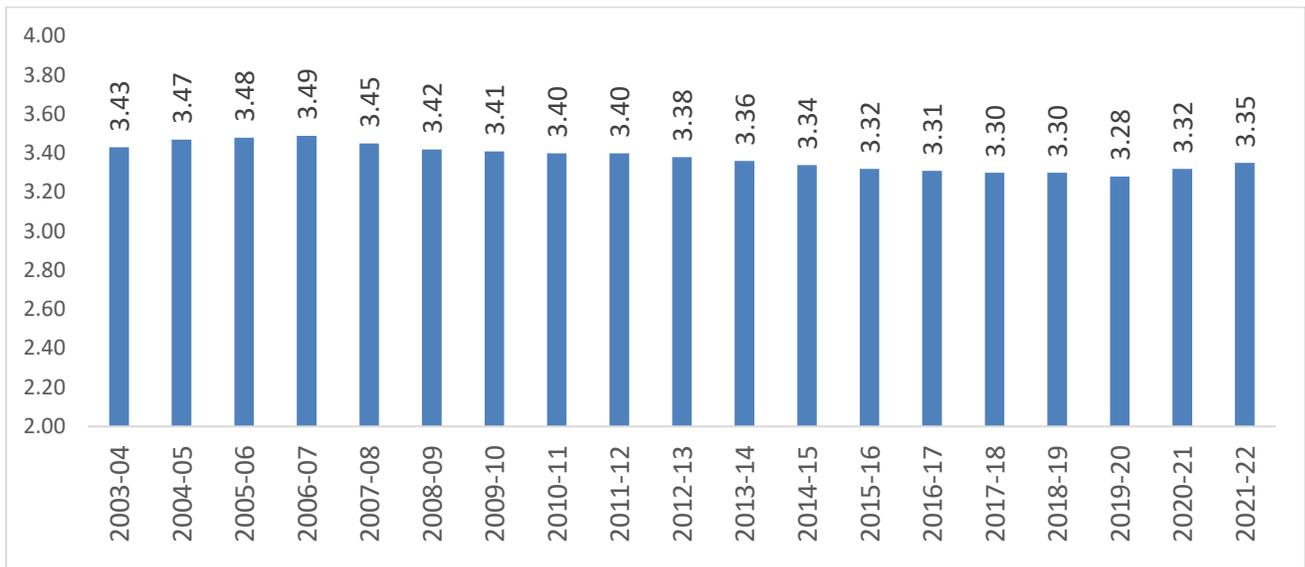
Figure 40: Mean Overall Science GPA for PharmCAS Applicants

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

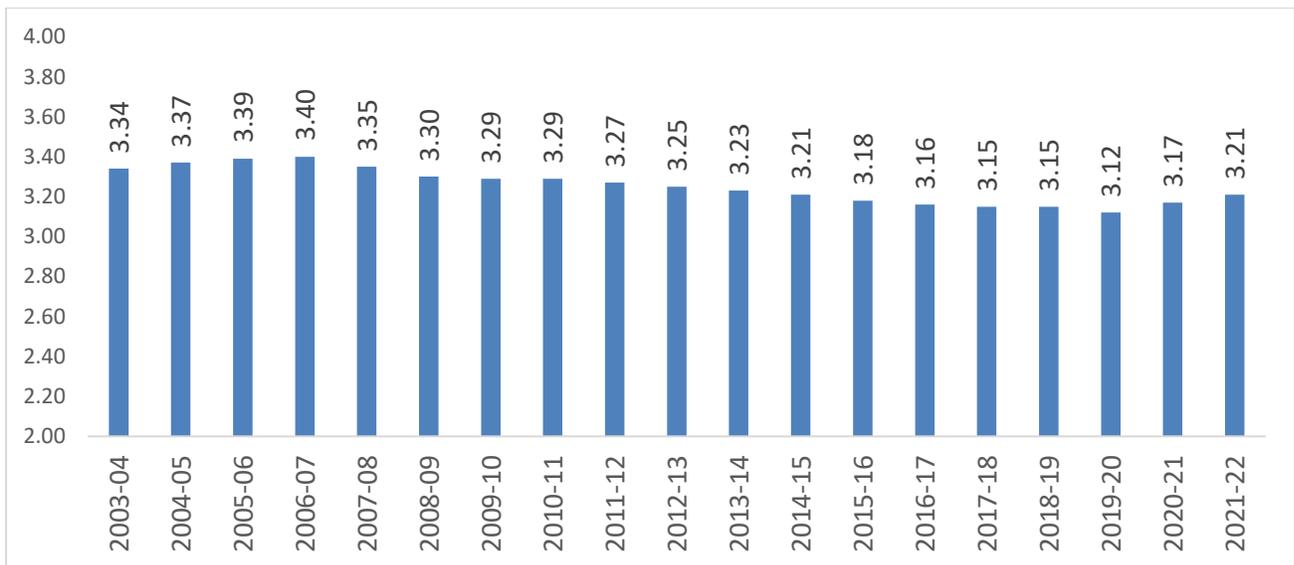
Figure 41: Undergraduate GPAs for Accepted PharmCAS Applicants by Cycle (2004-2022)

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

* 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 (2004-2022)

* GPAs reflect undergraduate coursework only.

Figure 43: Science GPA for Accepted PharmCAS Applicants by Cycle (2004-2022)

* 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 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	1	0.01%	1	0.02%
Associate in Liberal Arts	21	0.30%	19	0.33%
Associate of Applied Science	132	1.88%	102	1.76%
Associate of Arts	832	11.87%	694	11.96%
Associate of Arts and Sciences	48	0.68%	44	0.76%
Associate of Arts for Transfer	15	0.21%	14	0.24%
Associate of Science	1013	14.45%	804	13.86%
Associate of Science for Transfer	50	0.71%	45	0.78%
Bachelor of Applied Science	14	0.20%	9	0.16%
Bachelor of Architecture (5yr)	1	0.01%	1	0.02%
Bachelor of Arts	580	8.27%	495	8.53%
Bachelor of Arts and Science	38	0.54%	37	0.64%
Bachelor of Business Administration	24	0.34%	16	0.28%
Bachelor of Chemical Engineering	9	0.13%	6	0.10%
Bachelor of Commerce				
Bachelor of Dental Science	1	0.01%	1	0.02%
Bachelor of Dental Surgery	2	0.03%		0.00%
Bachelor of Economics	4	0.06%	2	0.03%
Bachelor of Education	5	0.07%	2	0.03%
Bachelor of Engineering	8	0.11%	7	0.12%
Bachelor of Engineering Technology	1	0.01%	1	0.02%
Bachelor of Fine Arts	6	0.09%	6	0.10%
Bachelor of Fine Arts with Teaching Certification				
Bachelor of Journalism				
Bachelor of Landscape Architecture (5yr)	1	0.01%	1	0.02%
Bachelor of Laws	1	0.01%	1	0.02%
Bachelor of Liberal Arts	2	0.03%	2	0.03%
Bachelor of Liberal Studies	1	0.01%		
Bachelor of Mathematics				
Bachelor of Medicine	1	0.01%	1	0.02%
Bachelor of Medicine and Bachelor of Surgery	8	0.11%	6	0.10%
Bachelor of Music	4	0.06%	3	0.05%

Bachelor of Music Education	1	0.01%	1	0.02%
Bachelor of Pharmacy	190	2.71%	116	2.00%
Bachelor of Science	3194	45.56%	2767	47.69%
Bachelor of Science in Bioengineering				
Bachelor of Science in Business Administration	14	0.20%	10	0.17%
Bachelor of Science in Civil Engineering	2	0.03%	1	0.02%
Bachelor of Science in Education	12	0.17%	9	0.16%
Bachelor of Science in Electrical Engineering				
Bachelor of Science in Environmental Engineering				
Bachelor of Science in Mechanical Engineering				
Bachelor of Science in Medical Technology	6	0.09%	4	0.07%
Bachelor of Science in Nursing	12	0.17%	8	0.14%
Bachelor of Social Work	1	0.01%	1	0.02%
Bachelor of Technology	5	0.07%	4	0.07%
Bachelor of Theology	1	0.01%	1	0.02%
Bachelors of Physical Therapy				
Certificate	126	1.80%	99	1.71%
Certificate of Advanced Graduate Study	7	0.10%	5	0.09%
Credential	2	0.03%	1	0.02%
Diploma	60	0.86%	44	0.76%
Doctor of Athletic Training				
Doctor of Business Administration				
Doctor of Chiropractic				
Doctor of Dental Medicine	2	0.03%	1	0.02%
Doctor of Dental Surgery	1	0.01%	1	0.02%
Doctor of Dentistry				
Doctor of Education				
Doctor of Engineering				
Doctor of Medicine	13	0.01%	11	0.19%
Doctor of Ministry				
Doctor of Nursing Practice				
Doctor of Occupational Therapy				
Doctor of Odontology				
Doctor of Osteopathic Med				
Doctor of Pharmacy	23	0.33%	11	0.19%
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	3	0.04%	2	0.03%

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.

Doctorate In Dental Medicine				
Doctorate of Medicine				
Doctorate of Musical Arts				
Five-year Bachelor's and Master's Program (BA/MA)				
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)				
Graduate Certificate	9	0.13%	6	0.10%
Graduate Diploma	2	0.03%	2	0.03%
Juris Doctorate	1	0.01%	1	0.02%
Master of Accounting	2	0.03%	2	0.03%
Master of Architecture	1	0.01%	1	0.02%
Master of Arts	34	0.49%	24	0.41%
Master of Arts In Teaching	5	0.07%	4	0.07%
Master of Building Science				
Master of Business Administration	45	0.64%	28	0.48%
Master of Business Taxation				
Master of Comparative Law				
Master of Construction Management				
Master of Dental Surgery				
Master of Divinity	2	0.03%	2	0.03%
Master of Education	12	0.17%	12	0.21%
Master of Engineering				
Master of Engineering Technology Management				
Master of Fine Arts				
Master of Health Administration	5	0.07%	4	0.07%
Master of Health Care Management				
Master of Health Science	7	0.10%	6	0.10%
Master of Health Sciences Administration				
Master of Historic Preservation				
Master of Journalism				
Master of Landscape Architecture				
Master of Laws				
Master of Liberal Arts	1	0.01%	1	0.02%
Master of Long Term Care Administration				
Master of Management	3	0.04%	2	0.03%
Master of Marriage and Family Therapy				
Master of Medical Management				
Master of Medical Science	7	0.10%	5	0.09%
Master of Music				
Master of Music Education				
Master of Music Therapy				

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 Occupational Therapy				
Master of Physician Assistant Practice	1	0.01%	1	0.02%
Master of Planning				
Master of Planning and Development Studies				
Master of Professional Writing				
Master of Public Administration	2	0.03%	1	0.02%
Master of Public Art Studies				
Master of Public Diplomacy				
Master of Public Health	35	0.50%	24	0.41%
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	193	2.75%	152	2.62%
Master of Science and Health Administration	1	0.01%	1	0.02%
Master of Science in Athletic Training	1	0.01%	1	0.02%
Master of Science in Bioengineering				
Master of Science in Civil Engineering				
Master of Science In Dentistry				
Master of Science in Education	2	0.03%	2	0.03%
Master of Science in Electrical Engineering				
Master of Science in Environmental Engineering				
Master of Science in Mechanical Engineering				
Master of Science in Nursing				
Master of Science in Prosthetics and Orthotics				
Master of Social Work	3	0.04%	2	0.03%
Master of Theological Studies				
Master of Theology				
Master of Tourism and Hospitality Management				
Masters of Industrial Distribution				
Masters of Physical Therapy				
MS in Finance	1	0.01%	1	0.02%
MS in Management Studies	1	0.01%	1	0.02%
MS in Mathematical Finance				
Non Degree	14	0.20%	11	0.19%
None	5	0.07%	3	0.05%
Other Bachelor	59	0.84%	45	0.78%
Other Doctoral (Not Ph.D)	2	0.03%		0.00%
Other Doctorate	1	0.01%	1	0.02%
Other Master	28	0.40%	21	0.36%
Other PT Degree or Certificate				

Ph.D	16	0.23%	10	0.17%
Post-baccalaureate Non-degree Teachers Cert Prog.	1	0.01%	1	0.02%
Postgraduate Diploma	8	0.11%	6	0.10%
Professional Science Master's	1	0.01%	1	0.02%
PsyD				
PTA				
Specialist In Education	1	0.01%		
TOTAL DEGREES EARNED	7,010	100%	5,802	100%

* Percentages were calculated based on the total number of "degrees earned" for each pool (7,010 for all and 5,802 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	2,111	30.1%	1,722	29.7%
Bachelor's Degree	4,208	60.0%	3,564	61.4%
Certificate or Credential	146	2.1%	112	1.9%
Diploma	71	1.0%	53	0.9%
Master's Degree	393	5.6%	299	5.2%
Non-degree	14	0.2%	11	0.2%
None	5	0.1%	3	0.1%
Ph.D. or other Doctorate Degree	17	0.2%	11	0.2%
Professional Doctoral Degree	45	0.6%	27	0.5%
TOTAL DEGREES EARNED	7,010	100%	5,802	100%

* Percentages were calculated based on the total number of "degrees earned" for each pool (7,010 for all and 5,802 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	26	0.22%	17	0.17%
Administration	13	0.11%	7	0.07%
African Studies	3	0.03%	3	0.03%
Agriculture	14	0.12%	11	0.11%
Allied Health	42	0.35%	31	0.31%
American Studies	1	0.01%	1	0.01%
Anatomy	6	0.05%	5	0.05%
Anesthesiology				
Animal Science	28	0.24%	25	0.25%
Animation and Digital Arts	3	0.03%	2	0.02%
Anthropology	11	0.09%	10	0.10%
Apparel Merchandising	1	0.01%	1	0.01%
Applied Mathematics	8	0.07%	7	0.07%
Applied Physics	2	0.02%	2	0.02%
Applied Studies	9	0.08%	6	0.06%
Arabic				
Architecture	3	0.03%	3	0.03%
Art	28	0.24%	20	0.20%
Art History	1	0.01%	1	0.01%
Asian Studies	1	0.01%	1	0.01%
Asian-American Studies	1	0.01%	1	0.01%
Athletic Training	1	0.01%	1	0.01%
Automation	1	0.01%		
Aviation	3	0.03%	2	0.02%
Bacteriology	2	0.02%	2	0.02%
Behavioral Science	12	0.10%	11	0.11%
Biochemical Engineering	7	0.06%	6	0.06%
Biochemistry	682	5.75%	619	6.09%
Biochemistry and Molecular Biology	78	0.66%	74	0.73%
Bioengineering	6	0.05%	5	0.05%
Bioinformatics	4	0.03%	2	0.02%
Biological Sciences	525	4.43%	460	4.53%
Biology	2,377	20.05%	2,088	20.55%
Biomathematics	4	0.03%	3	0.03%
Biomedical Engineering	13	0.11%	10	0.10%
Biomedical Science	552	4.66%	491	4.83%
Biophysics	4	0.03%	2	0.02%

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.

Biotechnology	57	0.48%	47	0.46%
Botany	5	0.04%	4	0.04%
Business Administration	84	0.71%	58	0.57%
Business Information Systems	1	0.01%	1	0.01%
Business/Management	24	0.20%	17	0.17%
Chemical Engineering	37	0.31%	31	0.31%
Chemistry	1,005	8.48%	888	8.74%
Child Development	2	0.02%	1	0.01%
Chinese Language and Literature	2	0.02%	2	0.02%
City and Regional Planning	1	0.01%		
Civil Engineering	2	0.02%	1	0.01%
Classics	2	0.02%	2	0.02%
Clinical Psychology	1	0.01%	1	0.01%
Cognitive Studies	1	0.01%	1	0.01%
Communication Science & Disorders	2	0.02%	1	0.01%
Communication Studies	5	0.04%	4	0.04%
Communications	11	0.09%	8	0.08%
Community Health	9	0.08%	8	0.08%
Computer	2	0.02%	1	0.01%
Computer Engineering	1	0.01%	1	0.01%
Computer Science	16	0.13%	11	0.11%
Computer Science and Technology	4	0.03%	2	0.02%
Construction Management	1	0.01%		
Counseling	2	0.02%	1	0.01%
Creative Writing	2	0.02%	2	0.02%
Criminal Justice	15	0.13%	13	0.13%
Criminology	4	0.03%	4	0.04%
Culinary/Food Studies	4	0.03%	4	0.04%
Cybersecurity	1	0.01%		
Dance	4	0.03%	4	0.04%
Deaf Studies	2	0.02%	2	0.02%
Dental Assistant	5	0.04%	4	0.04%
Dental Hygiene	8	0.07%	8	0.08%
Dentistry	6	0.05%	3	0.03%
Dietetics	3	0.03%	2	0.02%
Early Childhood Education	5	0.04%	4	0.04%
Earth Sciences	2	0.02%	2	0.02%
Ecology	3	0.03%	2	0.02%
Economic Policy	1	0.01%	1	0.01%
Economics	21	0.18%	18	0.18%
Education	34	0.29%	26	0.26%
Electrical and Electronic Engineering	1	0.01%	1	0.01%
Electrical Engineering	4	0.03%	3	0.03%

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Elementary Education	4	0.03%	3	0.03%
Emergency Med-Tech	2	0.02%	2	0.02%
Emergency Services Administration	2	0.02%	1	0.01%
Engineering	6	0.05%	2	0.02%
English	19	0.16%	15	0.15%
Entomology	1	0.01%	1	0.01%
Environmental Engineering	2	0.02%	2	0.02%
Environmental Health	9	0.08%	9	0.09%
Environmental Studies	15	0.13%	13	0.13%
Epidemiology	8	0.07%	5	0.05%
Ethics	3	0.03%	3	0.03%
Ethnic Studies	1	0.01%	1	0.01%
Exercise Science	36	0.30%	32	0.31%
Family and Consumer Sciences	5	0.04%	4	0.04%
Fashion Design	1	0.01%	1	0.01%
Film	2	0.02%	2	0.02%
Finance	17	0.14%	13	0.13%
Financial Engineering	1	0.01%		
Fine Arts	1	0.01%	1	0.01%
Fire Protection	2	0.02%	2	0.02%
Food Science	7	0.06%	6	0.06%
Foreign Language	5	0.04%	3	0.03%
French	7	0.06%	7	0.07%
Gender Studies	12	0.10%	10	0.10%
General Studies	204	1.72%	166	1.63%
Genetics	16	0.13%	15	0.15%
Geology	4	0.03%	4	0.04%
Geomatics Engineering	1	0.01%	1	0.01%
Geophysics	1	0.01%	1	0.01%
Geosciences	1	0.01%	1	0.01%
German	2	0.02%	2	0.02%
Gerontology	6	0.05%	6	0.06%
Global Studies	2	0.02%	2	0.02%
Graphic Design	1	0.01%	1	0.01%
Health	28	0.24%	19	0.19%
Health Administration	39	0.33%	29	0.29%
Health Communication	3	0.03%	3	0.03%
Health Education	9	0.08%	5	0.05%
Health Information Management	9	0.08%	6	0.06%
Health Science	304	2.56%	267	2.63%
Hispanic Language & Literature	1	0.01%	1	0.01%
Histology	2	0.02%	1	0.01%
History	17	0.14%	15	0.15%

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History of Science, History of Medicine				
Hospitality Management	2	0.02%	1	0.01%
Human Biology	80	0.67%	71	0.70%
Human Development	11	0.09%	8	0.08%
Human Resources				
Human Services	2	0.02%	1	0.01%
Humanities	7	0.06%	3	0.03%
Immunology	1	0.01%	1	0.01%
Independent/Interdisciplinary Studies	11	0.09%	8	0.08%
Industrial and Systems Engineering	2	0.02%		
Industrial Distribution	1	0.01%	1	0.01%
Industrial Pharmacy	2	0.02%	1	0.01%
Industrial Psychology	1	0.01%		
Industrial Technology	2	0.02%	1	0.01%
Informatics	2	0.02%	1	0.01%
Information Sciences	2	0.02%	2	0.02%
Information Security				
Information Systems	3	0.03%	2	0.02%
Information Technology	3	0.03%		
Integrative Biology	18	0.15%	13	0.13%
Interdisciplinary Studies	54	0.46%	41	0.40%
Interior Design	1	0.01%	0	
International Business	3	0.03%	3	0.03%
International Relations	5	0.04%	5	0.05%
International Studies	3	0.03%	2	0.02%
Japanese	3	0.03%	3	0.03%
Journalism	6	0.05%	3	0.03%
Kinesiology	52	0.44%	44	0.43%
Laboratory Technology	4	0.03%	3	0.03%
Landscape Architecture	1	0.01%	1	0.01%
Latin American Studies	1	0.01%	1	0.01%
Law	6	0.05%	5	0.05%
Liberal Arts	131	1.10%	108	1.06%
Liberal Studies	17	0.14%	14	0.14%
Library Science	1	0.01%		
Linguistics	1	0.01%	1	0.01%
Literature	1	0.01%		
Magnetic Resonance Imaging	1	0.01%		
Management	15	0.13%	11	0.11%
Marine Biology	5	0.04%	5	0.05%
Marine Science	2	0.02%	2	0.02%
Marketing	9	0.08%	7	0.07%
Massage Therapy	3	0.03%	3	0.03%

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Materials Science				
Mathematics	55	0.46%	44	0.43%
Mechanical Engineering	3	0.03%	2	0.02%
Media Technology	1	0.01%	1	0.01%
Medical Assistant	11	0.09%	8	0.08%
Medical Laboratory Tech	29	0.24%	23	0.23%
Medical Product Development Management	2	0.02%	1	0.01%
Medical Tech	4	0.03%	4	0.04%
Medicine	49	0.41%	36	0.35%
Meteorology				
Microbiology	134	1.13%	110	1.08%
Military Science	1	0.01%	1	0.01%
Molecular Biology	58	0.49%	54	0.53%
Molecular Biology, Cell Biology & Biochemistry	53	0.45%	48	0.47%
Multimedia	1	0.01%	1	0.01%
Music	11	0.09%	9	0.09%
Music Education	2	0.02%	2	0.02%
Music Industry and Technology	1	0.01%	1	0.01%
Music Performance	2	0.02%	2	0.02%
Natural Science	79	0.67%	69	0.68%
Neurobiology	19	0.16%	19	0.19%
Neuroscience	95	0.80%	93	0.92%
No Answer	214	1.80%	179	1.76%
Nurse Practitioner	1	0.01%	1	0.01%
Nursing	41	0.35%	31	0.31%
Nutrition	81	0.68%	72	0.71%
Organismic Biology	1	0.01%	1	0.01%
Organizational Development	3	0.03%	1	0.01%
Other Health Sciences Major	92	0.78%	81	0.80%
Other Life Sciences Major	28	0.24%	25	0.25%
Other Physical Sciences Major	20	0.17%	20	0.20%
Other Social Sciences Major	5	0.04%	5	0.05%
Other/Not Listed	224	1.89%	192	1.89%
Paramedic	1	0.01%	1	0.01%
Pathology	1	0.01%	1	0.01%
Pharmaceutical Sciences	599	5.05%	534	5.25%
Pharmacology	77	0.65%	65	0.64%
Pharmacy	1,610	13.58%	1,323	13.02%
Philosophy	13	0.11%	12	0.12%
Photography	1	0.01%	1	0.01%
Physical Education	2	0.02%	2	0.02%
Physical Science	9	0.08%	8	0.08%
Physical Therapist Assistant	1	0.01%		

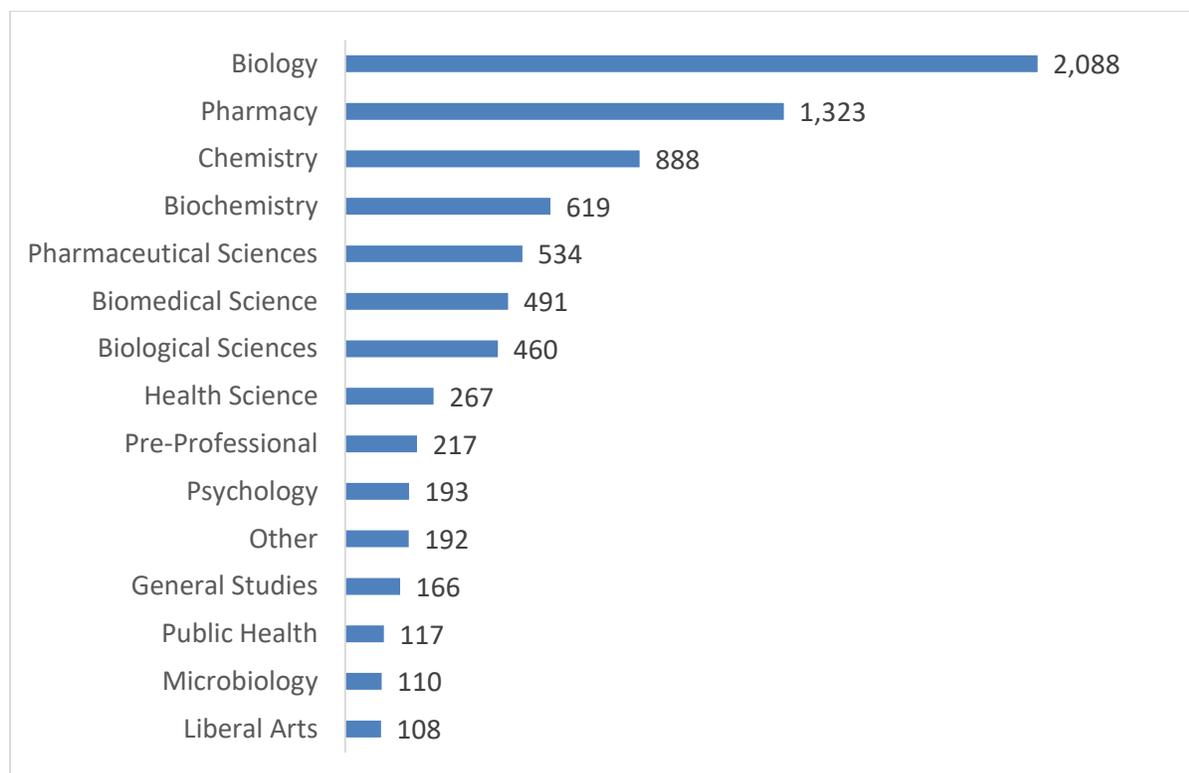
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Physical Therapy	3	0.03%	2	0.02%
Physical Therapy - Pre-PT	2	0.02%	2	0.02%
Physician Assistant	2	0.02%	2	0.02%
Physics	19	0.16%	12	0.12%
Physiology	54	0.46%	48	0.47%
Policy Studies	1	0.01%	1	0.01%
Political Science	14	0.12%	12	0.12%
Polymers and Coatings	2	0.02%	1	0.01%
Practical Nursing	1	0.01%	1	0.01%
Premedical	79	0.67%	69	0.68%
Pre-Professional	247	2.08%	217	2.14%
Psychobiology	11	0.09%	11	0.11%
Psychology	219	1.85%	193	1.90%
Public Administration	2	0.02%	2	0.02%
Public Health	138	1.16%	117	1.15%
Public Policy	4	0.03%	3	0.03%
Public Relations	2	0.02%	1	0.01%
Quality Assurance	1	0.01%		
Radiation Therapy				
Radiography	3	0.03%	2	0.02%
Radiology	6	0.05%	5	0.05%
Recreational Therapy	1	0.01%	1	0.01%
Regulatory Affairs	7	0.06%	3	0.03%
Rehabilitation Counseling	1	0.01%	1	0.01%
Religion	5	0.04%	5	0.05%
Religious Studies	3	0.03%	3	0.03%
Research Methods	1	0.01%		
Respiratory Therapy	11	0.09%	8	0.08%
Russian	2	0.02%	1	0.01%
Science, Technology and Society	72	0.61%	51	0.50%
Social Sciences	16	0.13%	12	0.12%
Social Work	5	0.04%	4	0.04%
Sociology	42	0.35%	37	0.36%
Spanish	25	0.21%	23	0.23%
Special Education	2	0.02%	2	0.02%
Sports Medicine	1	0.01%	1	0.01%
Statistics	5	0.04%	2	0.02%
Technical/Professional Writing	1	0.01%	1	0.01%
Theater Arts	3	0.03%	3	0.03%
Theology	3	0.03%	3	0.03%
Toxicology	16	0.13%	15	0.15%
Traffic & Transportation Engineering	1	0.01%	1	0.01%
Veterinary Medicine	8	0.07%	6	0.06%

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Veterinary Tech	2	0.02%	2	0.02%
Wildlife Management	1	0.01%	1	0.01%
Women's Studies	4	0.03%	3	0.03%
Zoology	8	0.07%	6	0.06%
TOTAL	11,857	100%	10,162	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
ATHABASCA UNIVERSITY	AB	1	1
MEDICINE HAT COLLEGE	AB	2	2
UNIVERSITY OF ALBERTA	AB	1	0
UNIVERSITY OF CALGARY	AB	0	0
UNIVERSITY OF LETHBRIDGE	AB	1	1
ANCHORAGE COMMUNITY COLLEGE (NOW UNIVERSITY OF ALASKA ANCHORAGE)	AK	1	1
UNIVERSITY OF ALASKA - ANCHORAGE	AK	9	9
ALABAMA AGRICULTURAL AND MECHANICAL UNIVERSITY	AL	3	2
ALABAMA STATE UNIVERSITY	AL	2	2
AUBURN UNIVERSITY - AUBURN	AL	83	82
AUBURN UNIVERSITY - MONTGOMERY	AL	9	8
BEVILL STATE COMMUNITY COLLEGE	AL	2	2
BIRMINGHAM-SOUTHERN COLLEGE	AL	1	1
CALHOUN COMMUNITY COLLEGE	AL	1	1
CENTRAL ALABAMA COMMUNITY COLLEGE	AL	1	0
COMMUNITY COLLEGE OF THE AIR FORCE - MAXWELL GUNTER AFB	AL	3	2
FAULKNER STATE COMMUNITY COLLEGE	AL	1	1
FAULKNER UNIVERSITY	AL	2	2
GADSDEN STATE COMMUNITY COLLEGE	AL	2	1
HUNTINGDON COLLEGE	AL	2	2
JACKSONVILLE STATE UNIVERSITY	AL	4	4
JEFFERSON STATE COMMUNITY COLLEGE	AL	1	0
LAWSON STATE COMMUNITY COLLEGE	AL	1	1
MILES COLLEGE	AL	2	2
NORTHEAST ALABAMA COMMUNITY COLLEGE	AL	2	2
OAKWOOD UNIVERSITY	AL	4	3
SAMFORD UNIVERSITY	AL	40	39
SHELTON STATE COMMUNITY COLLEGE - TUSCALOOSA	AL	1	1
SNEAD STATE COMMUNITY COLLEGE	AL	4	4
SOUTHERN UNION STATE COMMUNITY COLLEGE	AL	2	1
STILLMAN COLLEGE	AL	2	2
TROY UNIVERSITY - DOTHAN	AL	1	1
TROY UNIVERSITY - TROY	AL	6	6
TUSKEGEE UNIVERSITY	AL	3	2
UNIVERSITY OF ALABAMA - BIRMINGHAM	AL	22	22
UNIVERSITY OF ALABAMA - HUNTSVILLE	AL	4	4
UNIVERSITY OF ALABAMA - TUSCALOOSA	AL	12	11
UNIVERSITY OF MONTEVALLO	AL	2	2
UNIVERSITY OF NORTH ALABAMA	AL	3	3
UNIVERSITY OF SOUTH ALABAMA	AL	21	19

UNIVERSITY OF WEST ALABAMA	AL	0	0
VIRGINIA COLLEGE - BIRMINGHAM	AL	2	2
WALLACE COMMUNITY COLLEGE - DOTHAN	AL	1	1
ARKANSAS STATE UNIVERSITY - BEEBE	AR	7	6
ARKANSAS STATE UNIVERSITY - JONESBORO	AR	5	3
ARKANSAS STATE UNIVERSITY - MAIN	AR	3	3
ARKANSAS STATE UNIVERSITY - NEWPORT	AR	1	0
ARKANSAS TECH UNIVERSITY - RUSSELLVILLE / MAIN CAMPUS	AR	2	2
CENTRAL BAPTIST COLLEGE	AR	1	1
HARDING UNIVERSITY	AR	2	2
HENDERSON STATE UNIVERSITY	AR	3	2
HENDRIX COLLEGE	AR	1	1
JOHN BROWN UNIVERSITY	AR	1	1
LYON COLLEGE	AR	2	2
NORTHWEST ARKANSAS COMMUNITY COLLEGE	AR	1	1
OUACHITA BAPTIST UNIVERSITY	AR	1	1
PHILANDER SMITH COLLEGE	AR	3	3
SOUTHERN ARKANSAS UNIVERSITY - MAGNOLIA	AR	3	3
UNIVERSITY OF ARKANSAS - FORT SMITH	AR	3	2
UNIVERSITY OF ARKANSAS - LITTLE ROCK	AR	8	6
UNIVERSITY OF ARKANSAS - MAIN CAMPUS	AR	24	23
UNIVERSITY OF ARKANSAS - MONTICELLO	AR	2	1
UNIVERSITY OF ARKANSAS - PINE BLUFF	AR	6	5
UNIVERSITY OF CENTRAL ARKANSAS	AR	16	16
UNIVERSITY OF PHOENIX (AR)	AR	0	0
UNIVERSITY OF THE OZARKS	AR	1	1
A. T. STILL UNIVERSITY (AZ)	AZ	1	1
ARIZONA CHRISTIAN UNIVERSITY	AZ	0	0
ARIZONA STATE UNIVERSITY - DOWNTOWN PHOENIX	AZ	10	9
ARIZONA STATE UNIVERSITY - TEMPE	AZ	39	35
ARIZONA STATE UNIVERSITY AT THE WEST CAMPUS	AZ	23	20
CENTRAL ARIZONA COLLEGE	AZ	1	1
CHANDLER-GILBERT COMMUNITY COLLEGE	AZ	4	3
COCHISE COLLEGE	AZ	2	2
ESTRELLA MOUNTAIN COMMUNITY COLLEGE	AZ	3	2
GATEWAY COMMUNITY COLLEGE - PHOENIX	AZ	1	1
GLENDALE COMMUNITY COLLEGE (AZ)	AZ	17	13
GRAND CANYON UNIVERSITY	AZ	7	6
MESA COMMUNITY COLLEGE	AZ	6	5
MIDWESTERN UNIVERSITY - GLENDALE	AZ	1	0
MOHAVE COMMUNITY COLLEGE	AZ	1	1
NORTHERN ARIZONA UNIVERSITY - FLAGSTAFF	AZ	12	9
PARADISE VALLEY COMMUNITY COLLEGE	AZ	9	7
PENN FOSTER COLLEGE	AZ	1	0
PHOENIX COLLEGE	AZ	3	1
PIMA COMMUNITY COLLEGE	AZ	13	10
RIO SALADO COLLEGE	AZ	10	9
SCOTTSDALE COMMUNITY COLLEGE	AZ	4	3
SOUTH MOUNTAIN COMMUNITY COLLEGE	AZ	2	0
UNIVERSITY OF ADVANCING TECHNOLOGY	AZ	1	1

UNIVERSITY OF ARIZONA	AZ	90	88
UNIVERSITY OF PHOENIX (AZ)	AZ	3	2
YAVAPAI COLLEGE	AZ	1	1
DOUGLAS COLLEGE - NEW WESTMINSTER, BC	BC	1	0
SIMON FRASER UNIVERSITY	BC	1	1
THOMPSON RIVERS UNIVERSITY	BC	0	0
UNIVERSITY COLLEGE OF THE FRASER VALLEY (NOW UNIV. OF THE FRASER VALLEY)	BC	1	0
UNIVERSITY OF BRITISH COLUMBIA	BC	2	2
UNIVERSITY OF NORTHERN BRITISH COLUMBIA	BC	1	1
UNIVERSITY OF VICTORIA	BC	1	0
ALLAN HANCOCK COLLEGE	CA	1	1
AMERICAN RIVER COLLEGE	CA	3	2
BAKERSFIELD COLLEGE	CA	4	4
BERKELEY CITY COLLEGE	CA	2	2
BIOLA UNIVERSITY	CA	1	1
BUTTE COLLEGE	CA	0	0
CALIFORNIA BAPTIST UNIVERSITY	CA	6	6
CALIFORNIA COAST UNIVERSITY	CA	1	0
CALIFORNIA LUTHERAN UNIVERSITY	CA	1	1
CALIFORNIA NORTHSTATE UNIVERSITY	CA	0	0
CALIFORNIA POLYTECHNIC STATE UNIVERSITY - SAN LUIS OBISPO	CA	5	5
CALIFORNIA STATE POLYTECHNIC UNIVERSITY - POMONA	CA	16	15
CALIFORNIA STATE UNIVERSITY - BAKERSFIELD	CA	5	5
CALIFORNIA STATE UNIVERSITY - CHANNEL ISLANDS	CA	4	4
CALIFORNIA STATE UNIVERSITY - CHICO	CA	8	7
CALIFORNIA STATE UNIVERSITY - DOMINGUEZ HILLS	CA	8	8
CALIFORNIA STATE UNIVERSITY - EAST BAY	CA	14	13
CALIFORNIA STATE UNIVERSITY - FRESNO	CA	19	18
CALIFORNIA STATE UNIVERSITY - FULLERTON	CA	19	18
CALIFORNIA STATE UNIVERSITY - LONG BEACH	CA	37	36
CALIFORNIA STATE UNIVERSITY - LOS ANGELES	CA	10	10
CALIFORNIA STATE UNIVERSITY - MONTEREY BAY	CA	2	2
CALIFORNIA STATE UNIVERSITY - NORTHRIDGE	CA	56	54
CALIFORNIA STATE UNIVERSITY - SACRAMENTO	CA	28	26
CALIFORNIA STATE UNIVERSITY - SAN BERNARDINO	CA	15	13
CALIFORNIA STATE UNIVERSITY - SAN MARCOS	CA	6	5
CALIFORNIA STATE UNIVERSITY - STANISLAUS	CA	11	11
CARRINGTON COLLEGE CALIFORNIA - EMERYVILLE	CA	1	0
CARRINGTON COLLEGE CALIFORNIA - STOCKTON (WESTERN CAREER C STOCKTON)	CA	1	0
CHABOT COLLEGE	CA	3	2
CHAFFEY COLLEGE	CA	1	1
CHAPMAN UNIVERSITY	CA	34	34
CHARLES R. DREW UNIVERSITY OF MEDICINE AND SCIENCE	CA	1	1
CITRUS COLLEGE	CA	1	1
CLOVIS COMMUNITY COLLEGE	CA	8	6
COASTLINE COMMUNITY COLLEGE	CA	1	1
COLLEGE OF ALAMEDA	CA	1	1
COLLEGE OF MARIN	CA	2	2
COLLEGE OF SAN MATEO	CA	1	1
COSUMNES RIVER COLLEGE	CA	3	3

CRAFTON HILLS COLLEGE	CA	1	0
CUYAMACA COLLEGE	CA	3	2
CYPRESS COLLEGE	CA	2	2
DE ANZA COLLEGE	CA	3	2
DEFENSE LANGUAGE INSTITUTE	CA	1	1
DIABLO VALLEY COLLEGE	CA	2	1
EAST LOS ANGELES COLLEGE	CA	2	2
EL CAMINO COLLEGE	CA	2	2
EVERGREEN VALLEY COLLEGE	CA	5	4
FOOTHILL COLLEGE	CA	1	1
FRESNO CITY COLLEGE	CA	2	2
FRESNO PACIFIC UNIVERSITY	CA	4	4
FULLERTON COLLEGE	CA	2	2
GLENDALE COMMUNITY COLLEGE (CA)	CA	5	5
GOLDEN WEST COLLEGE	CA	5	5
GROSSMONT COLLEGE	CA	8	6
HARVEY MUDD COLLEGE	CA	1	1
HEALD COLLEGE - STOCKTON, CA	CA	1	1
IRVINE VALLEY COLLEGE	CA	1	1
LA SIERRA UNIVERSITY	CA	6	6
LANEY COLLEGE	CA	1	1
LAS POSITAS COLLEGE	CA	3	3
LOS ANGELES CITY COLLEGE	CA	3	2
LOS ANGELES HARBOR COLLEGE	CA	1	1
LOS ANGELES PIERCE COLLEGE	CA	3	3
LOS ANGELES VALLEY COLLEGE	CA	7	7
LOS MEDANOS COLLEGE	CA	1	0
LOYOLA MARYMOUNT UNIVERSITY	CA	3	3
MIRA COSTA COLLEGE	CA	1	1
MISSION COLLEGE	CA	1	1
MODESTO JUNIOR COLLEGE	CA	2	2
MONTEREY PENINSULA COLLEGE	CA	1	1
MOORPARK COLLEGE	CA	3	3
MORENO VALLEY COLLEGE	CA	2	1
MOUNT SAINT MARY'S COLLEGE	CA	1	0
MOUNT SAN ANTONIO COLLEGE	CA	2	2
MOUNT SAN JACINTO COLLEGE	CA	1	1
NAPA VALLEY COLLEGE	CA	1	1
NATIONAL UNIVERSITY	CA	3	0
NORCO COLLEGE	CA	1	1
NOTRE DAME DE NAMUR UNIVERSITY	CA	0	0
OHLONE COLLEGE	CA	1	1
ORANGE COAST COLLEGE	CA	7	7
PACIFIC UNION COLLEGE	CA	5	5
PALOMAR COLLEGE	CA	1	0
PASADENA CITY COLLEGE	CA	0	0
PEPPERDINE UNIVERSITY	CA	2	1
PITZER COLLEGE	CA	1	1
POMONA COLLEGE	CA	1	1
RIVERSIDE CITY COLLEGE	CA	2	0

SACRAMENTO CITY COLLEGE	CA	1	1
SAINT MARY'S COLLEGE OF CALIFORNIA	CA	1	1
SAN BERNARDINO VALLEY COLLEGE	CA	2	2
SAN DIEGO CHRISTIAN COLLEGE	CA	1	0
SAN DIEGO CITY COLLEGE	CA	1	1
SAN DIEGO MESA COLLEGE	CA	1	1
SAN DIEGO MIRAMAR COLLEGE	CA	3	3
SAN DIEGO STATE UNIVERSITY	CA	22	18
SAN FRANCISCO STATE UNIVERSITY	CA	13	10
SAN JOAQUIN DELTA COLLEGE	CA	1	1
SAN JOAQUIN VALLEY COLLEGE	CA	0	0
SAN JOSE CITY COLLEGE	CA	1	1
SAN JOSE STATE UNIVERSITY	CA	18	17
SANTA ANA COLLEGE	CA	0	0
SANTA CLARA UNIVERSITY	CA	3	3
SANTA MONICA COLLEGE	CA	1	1
SANTIAGO CANYON COLLEGE	CA	4	3
SHASTA COLLEGE	CA	1	1
SOLANO COMMUNITY COLLEGE	CA	3	3
SONOMA STATE UNIVERSITY	CA	3	3
SOUTHERN CALIFORNIA UNIVERSITY OF HEALTH SCIENCES	CA	4	4
SOUTHWESTERN COLLEGE (CA)	CA	2	0
TRIDENT UNIVERSITY INTERNATIONAL (TUI)	CA	1	1
UNIVERSITY OF CALIFORNIA - BERKELEY	CA	19	18
UNIVERSITY OF CALIFORNIA - BERKELEY (EXTENSION)	CA	1	1
UNIVERSITY OF CALIFORNIA - DAVIS	CA	75	70
UNIVERSITY OF CALIFORNIA - IRVINE	CA	114	110
UNIVERSITY OF CALIFORNIA - LOS ANGELES	CA	49	49
UNIVERSITY OF CALIFORNIA - LOS ANGELES (EXTENSION)	CA	1	1
UNIVERSITY OF CALIFORNIA - MERCED	CA	20	18
UNIVERSITY OF CALIFORNIA - RIVERSIDE	CA	58	56
UNIVERSITY OF CALIFORNIA - SAN DIEGO	CA	94	84
UNIVERSITY OF CALIFORNIA - SAN DIEGO (EXTENSION)	CA	1	1
UNIVERSITY OF CALIFORNIA - SANTA BARBARA	CA	27	25
UNIVERSITY OF CALIFORNIA - SANTA CRUZ	CA	19	18
UNIVERSITY OF LA VERNE	CA	4	3
UNIVERSITY OF PHOENIX (CA)	CA	1	0
UNIVERSITY OF SAN DIEGO	CA	2	2
UNIVERSITY OF SAN FRANCISCO	CA	2	2
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	13	13
UNIVERSITY OF THE PACIFIC	CA	119	109
VANGUARD UNIVERSITY OF SOUTHERN CALIFORNIA	CA	3	3
VENTURA COLLEGE	CA	2	2
WEST COAST UNIVERSITY	CA	1	1
WEST COAST UNIVERSITY - ORANGE COUNTY, CA	CA	2	1
WEST LOS ANGELES COLLEGE	CA	1	1
WESTERN UNIVERSITY OF HEALTH SCIENCES	CA	1	1
WHITTIER COLLEGE	CA	1	0
WILLIAM JESSUP UNIVERSITY	CA	1	1
YUBA COLLEGE	CA	2	2

COLORADO MESA UNIVERSITY	CO	1	1
COLORADO MOUNTAIN COLLEGE - ASPEN	CO	1	1
COLORADO SCHOOL OF MINES	CO	1	0
COLORADO SCHOOL OF PUBLIC HEALTH (NOW CU DENVER)	CO	1	1
COLORADO STATE UNIVERSITY - FORT COLLINS	CO	11	11
COLORADO STATE UNIVERSITY - GLOBAL CAMPUS	CO	2	1
COLORADO STATE UNIVERSITY - PUEBLO	CO	2	1
COMMUNITY COLLEGE OF AURORA	CO	4	3
COMMUNITY COLLEGE OF DENVER	CO	3	3
FORT LEWIS COLLEGE	CO	2	2
FRONT RANGE COMMUNITY COLLEGE	CO	2	1
METROPOLITAN STATE UNIVERSITY OF DENVER	CO	3	2
RED ROCKS COMMUNITY COLLEGE	CO	1	1
REGIS UNIVERSITY	CO	5	4
UNIVERSITY OF COLORADO - BOULDER	CO	7	7
UNIVERSITY OF COLORADO - COLORADO SPRINGS	CO	11	11
UNIVERSITY OF COLORADO - DENVER	CO	34	28
UNIVERSITY OF DENVER	CO	3	3
UNIVERSITY OF NORTHERN COLORADO	CO	6	6
WESTERN STATE COLLEGE OF COLORADO (NOW WESTERN COLORADO UNIVERSITY)	CO	2	2
ALBERTUS MAGNUS COLLEGE	CT	1	1
CENTRAL CONNECTICUT STATE UNIVERSITY	CT	5	3
EASTERN CONNECTICUT STATE UNIVERSITY	CT	2	2
FAIRFIELD UNIVERSITY	CT	2	2
GOODWIN COLLEGE	CT	1	0
HOUSATONIC COMMUNITY COLLEGE	CT	1	1
QUINNIPIAC UNIVERSITY	CT	2	2
SACRED HEART UNIVERSITY	CT	1	1
SOUTHERN CONNECTICUT STATE UNIVERSITY	CT	7	7
TRINITY COLLEGE (CT)	CT	1	1
UNIVERSITY OF CONNECTICUT	CT	118	91
UNIVERSITY OF HARTFORD	CT	3	3
UNIVERSITY OF NEW HAVEN	CT	3	3
UNIVERSITY OF SAINT JOSEPH	CT	7	7
WESLEYAN UNIVERSITY	CT	1	1
ARGOSY UNIVERSITY - WASHINGTON DC	DC	0	0
GEORGE WASHINGTON UNIVERSITY	DC	5	5
HOWARD UNIVERSITY	DC	11	8
STRAYER UNIVERSITY (DC)	DC	1	0
DELAWARE STATE UNIVERSITY	DE	1	1
DELAWARE TECHNICAL AND COMMUNITY COLLEGE - DOVER	DE	1	0
DELAWARE TECHNICAL AND COMMUNITY COLLEGE - OWENS / GEORGETOWN	DE	2	2
UNIVERSITY OF DELAWARE - NEWARK	DE	10	10
AMERICAN INTERCONTINENTAL UNIVERSITY - SOUTH FLORIDA	FL	0	0
BARRY UNIVERSITY	FL	2	2
BETHUNE-COOKMAN UNIVERSITY	FL	3	2
BROWARD COLLEGE	FL	18	13
CHIPOLA COLLEGE	FL	3	3
COLLEGE OF CENTRAL FLORIDA	FL	4	4
DAYTONA STATE COLLEGE	FL	1	0

EASTERN FLORIDA STATE COLLEGE	FL	4	4
ECKERD COLLEGE	FL	1	1
FLORIDA AGRICULTURAL AND MECHANICAL UNIVERSITY	FL	47	40
FLORIDA ATLANTIC UNIVERSITY	FL	33	28
FLORIDA GATEWAY COLLEGE	FL	0	0
FLORIDA GULF COAST UNIVERSITY	FL	17	17
FLORIDA INSTITUTE OF TECHNOLOGY	FL	3	3
FLORIDA INTERNATIONAL UNIVERSITY	FL	86	74
FLORIDA MEMORIAL UNIVERSITY	FL	1	1
FLORIDA NATIONAL COLLEGE - HIALEAH/BIRD ROAD CAMPUS/FLAGLER CAMPUS	FL	0	0
FLORIDA NATIONAL UNIVERSITY	FL	1	0
FLORIDA SOUTHERN COLLEGE	FL	2	2
FLORIDA SOUTHWESTERN STATE COLLEGE	FL	5	4
FLORIDA STATE COLLEGE - JACKSONVILLE	FL	14	9
FLORIDA STATE UNIVERSITY	FL	24	19
GULF COAST STATE COLLEGE	FL	2	2
HERZING UNIVERSITY - ORLANDO / WINTER PARK, FL	FL	1	1
HILLSBOROUGH COMMUNITY COLLEGE	FL	11	10
INDIAN RIVER STATE COLLEGE	FL	6	6
JACKSONVILLE UNIVERSITY	FL	3	2
JOHNSON & WALES UNIVERSITY - NORTH MIAMI, FL	FL	1	1
KEISER UNIVERSITY	FL	7	5
LAKE-SUMTER STATE COLLEGE	FL	1	1
LARKIN UNIVERSITY, FORMERLY KNOWN AS LARKIN HEALTH AND SCIENCE	FL	1	1
LECOM - BRADENTON, FL	FL	0	0
MIAMI DADE COLLEGE	FL	49	43
NORTH FLORIDA COMMUNITY COLLEGE	FL	2	2
NOVA SOUTHEASTERN UNIVERSITY	FL	14	13
PALM BEACH ATLANTIC UNIVERSITY	FL	9	9
PALM BEACH STATE COLLEGE	FL	7	5
PASCO-HERNANDO COMMUNITY COLLEGE	FL	3	2
PENSACOLA CHRISTIAN COLLEGE	FL	0	0
PENSACOLA STATE COLLEGE	FL	6	6
POLK STATE COLLEGE	FL	1	1
ROLLINS COLLEGE	FL	0	0
SAINT LEO UNIVERSITY (FL)	FL	1	1
SAINT PETERSBURG COLLEGE	FL	11	8
SAINT THOMAS UNIVERSITY (FL)	FL	2	2
SANTA FE COLLEGE	FL	7	2
SEMINOLE STATE COLLEGE OF FLORIDA	FL	7	5
SOUTHEASTERN UNIVERSITY - LAKELAND	FL	1	1
ST. JOHNS RIVER STATE COLLEGE	FL	1	0
STATE COLLEGE OF FLORIDA - VENICE	FL	1	1
STETSON UNIVERSITY	FL	3	3
TALLAHASSEE COMMUNITY COLLEGE	FL	2	2
UNIVERSITY OF CENTRAL FLORIDA	FL	64	59
UNIVERSITY OF FLORIDA	FL	83	75
UNIVERSITY OF MIAMI	FL	4	4
UNIVERSITY OF NORTH FLORIDA	FL	5	5
UNIVERSITY OF SOUTH FLORIDA - SAINT PETERSBURG	FL	3	2

UNIVERSITY OF SOUTH FLORIDA - SARASOTA-MANATEE	FL	5	2
UNIVERSITY OF SOUTH FLORIDA - TAMPA	FL	108	95
UNIVERSITY OF TAMPA	FL	7	7
UNIVERSITY OF WEST FLORIDA	FL	6	4
VALENCIA COLLEGE	FL	13	9
WARNER UNIVERSITY	FL	1	1
ABRAHAM BALDWIN AGRICULTURAL COLLEGE	GA	7	7
AGNES SCOTT COLLEGE	GA	2	1
ALBANY STATE UNIVERSITY	GA	7	5
ALBANY TECHNICAL COLLEGE	GA	1	1
ARMSTRONG ATLANTIC STATE UNIVERSITY	GA	1	1
ATLANTA METROPOLITAN COLLEGE	GA	2	1
AUGUSTA UNIVERSITY	GA	7	5
BERRY COLLEGE	GA	1	0
BRENAU UNIVERSITY	GA	1	1
CENTRAL GEORGIA TECHNICAL COLLEGE	GA	1	1
CLARK ATLANTA UNIVERSITY	GA	3	1
CLAYTON STATE UNIVERSITY	GA	2	1
COLLEGE OF COASTAL GEORGIA	GA	7	7
COLUMBUS STATE UNIVERSITY	GA	3	3
DALTON STATE COLLEGE	GA	8	8
EAST GEORGIA COLLEGE	GA	2	2
EMORY UNIVERSITY	GA	7	7
FORT VALLEY STATE UNIVERSITY	GA	4	2
GEORGIA COLLEGE AND STATE UNIVERSITY	GA	7	7
GEORGIA GWINNETT COLLEGE	GA	14	12
GEORGIA HIGHLANDS COLLEGE	GA	2	2
GEORGIA INSTITUTE OF TECHNOLOGY	GA	4	3
GEORGIA MILITARY COLLEGE	GA	2	2
GEORGIA SOUTHERN UNIVERSITY	GA	25	25
GEORGIA SOUTHWESTERN STATE UNIVERSITY	GA	1	1
GEORGIA STATE UNIVERSITY	GA	32	25
GORDON STATE COLLEGE	GA	5	4
GWINNETT TECHNICAL COLLEGE	GA	1	1
KENNESAW STATE UNIVERSITY	GA	26	21
LAGRANGE COLLEGE	GA	4	4
LIFE UNIVERSITY	GA	1	1
MERCER UNIVERSITY - ATLANTA	GA	9	8
MERCER UNIVERSITY - MACON	GA	16	14
MIDDLE GEORGIA COLLEGE (NOW PART OF MIDDLE GEORGIA STATE COLLEGE)	GA	2	1
MOREHOUSE COLLEGE	GA	1	1
OGEECHEE TECHNICAL COLLEGE	GA	1	0
OGLETHORPE UNIVERSITY	GA	1	1
REINHARDT COLLEGE	GA	1	1
SAVANNAH COLLEGE OF ART AND DESIGN	GA	1	1
SAVANNAH STATE UNIVERSITY	GA	6	5
SAVANNAH TECHNICAL COLLEGE	GA	1	0
SOUTH GEORGIA COLLEGE	GA	5	5
SOUTH UNIVERSITY - SAVANNAH	GA	1	1
SOUTHEASTERN TECHNICAL COLLEGE	GA	1	1

SOUTHERN CRESCENT TECHNICAL COLLEGE	GA	1	1
SPELMAN COLLEGE	GA	1	1
UNIVERSITY OF GEORGIA	GA	80	71
UNIVERSITY OF NORTH GEORGIA	GA	14	12
UNIVERSITY OF WEST GEORGIA	GA	7	7
VALDOSTA STATE UNIVERSITY	GA	4	4
WESLEYAN COLLEGE	GA	1	1
WIREGRASS GEORGIA TECHNICAL COLLEGE	GA	1	1
YOUNG HARRIS COLLEGE	GA	1	1
UNIVERSITY OF GUAM	GU	5	4
CHAMINADE UNIVERSITY OF HONOLULU	HI	2	2
HAWAII COMMUNITY COLLEGE	HI	1	1
HAWAII PACIFIC UNIVERSITY	HI	1	1
KAPIOLANI COMMUNITY COLLEGE	HI	5	4
LEEWARD COMMUNITY COLLEGE	HI	3	2
THE UNIVERSITY OF HAWAI'I - MAUI COLLEGE	HI	1	1
UNIVERSITY OF HAWAII - HILO	HI	10	9
UNIVERSITY OF HAWAII - MANOA	HI	15	13
UNIVERSITY OF HAWAII - WEST OAHU	HI	3	3
BUENA VISTA UNIVERSITY	IA	1	1
CLARKE UNIVERSITY	IA	1	1
CORNELL COLLEGE	IA	1	1
DES MOINES AREA COMMUNITY COLLEGE	IA	6	6
DORDT COLLEGE	IA	1	1
DRAKE UNIVERSITY	IA	43	38
GRAND VIEW UNIVERSITY	IA	2	2
GRINNELL COLLEGE	IA	2	2
IOWA STATE UNIVERSITY	IA	10	7
KAPLAN UNIVERSITY (IA) (NOW PURDUE UNIVERSITY GLOBAL)	IA	1	0
KIRKWOOD COMMUNITY COLLEGE	IA	1	1
LORAS COLLEGE	IA	1	1
LUTHER COLLEGE	IA	2	2
MORNINGSIDE COLLEGE	IA	1	1
NORTHWESTERN COLLEGE (IA)	IA	1	1
SAINT AMBROSE UNIVERSITY	IA	1	1
SCOTT COMMUNITY COLLEGE	IA	1	0
SIMPSON COLLEGE	IA	1	1
UNIVERSITY OF DUBUQUE	IA	1	1
UNIVERSITY OF IOWA	IA	84	77
UNIVERSITY OF NORTHERN IOWA	IA	2	2
UPPER IOWA UNIVERSITY	IA	2	1
WARTBURG COLLEGE	IA	1	1
WILLIAM PENN UNIVERSITY	IA	1	1
BOISE STATE UNIVERSITY	ID	10	9
BRIGHAM YOUNG UNIVERSITY - IDAHO	ID	11	10
COLLEGE OF WESTERN IDAHO	ID	4	3
IDAHO STATE UNIVERSITY	ID	27	25
LEWIS-CLARK STATE COLLEGE	ID	1	1
UNIVERSITY OF IDAHO	ID	3	3
AUGUSTANA COLLEGE (IL)	IL	1	1

BENEDICTINE UNIVERSITY - LISLE	IL	16	16
BRADLEY UNIVERSITY	IL	1	1
CHICAGO STATE UNIVERSITY	IL	3	1
COLLEGE OF DUPAGE	IL	7	7
COLLEGE OF LAKE COUNTY	IL	2	1
COLUMBIA COLLEGE CHICAGO	IL	2	1
CONCORDIA UNIVERSITY - RIVER FOREST	IL	2	0
DEPAUL UNIVERSITY	IL	4	4
DEVRY UNIVERSITY - CHICAGO, IL	IL	1	0
DOMINICAN UNIVERSITY	IL	8	6
EASTERN ILLINOIS UNIVERSITY	IL	3	3
ELGIN COMMUNITY COLLEGE	IL	4	4
ELMHURST UNIVERSITY	IL	3	3
GOVERNORS STATE UNIVERSITY	IL	1	1
HAROLD WASHINGTON COLLEGE - CITY COLLEGES OF CHICAGO	IL	3	3
HARRY S TRUMAN COLLEGE - CITY COLLEGES OF CHICAGO	IL	3	2
HEARTLAND COMMUNITY COLLEGE	IL	1	1
HIGHLAND COMMUNITY COLLEGE - FREEPORT	IL	1	1
ILLINOIS CENTRAL COLLEGE	IL	2	2
ILLINOIS COLLEGE	IL	2	1
ILLINOIS INSTITUTE OF TECHNOLOGY	IL	1	0
ILLINOIS STATE UNIVERSITY	IL	1	1
ILLINOIS VALLEY COMMUNITY COLLEGE	IL	1	1
ILLINOIS WESLEYAN UNIVERSITY	IL	1	1
JOHN A. LOGAN COLLEGE	IL	2	2
JOLIET JUNIOR COLLEGE	IL	4	3
KANKAKEE COMMUNITY COLLEGE	IL	1	0
LAKE FOREST COLLEGE	IL	5	5
LAKE LAND COLLEGE	IL	2	2
LEWIS AND CLARK COMMUNITY COLLEGE	IL	1	1
LEWIS UNIVERSITY	IL	5	5
LOYOLA UNIVERSITY CHICAGO	IL	21	20
MALCOLM X COLLEGE - CITY COLLEGES OF CHICAGO	IL	1	0
MCHENRY COUNTY COLLEGE	IL	3	2
MIDWESTERN UNIVERSITY - DOWNERS GROVE	IL	0	0
MILLIKIN UNIVERSITY	IL	1	0
MONMOUTH COLLEGE	IL	1	1
MORAIN VALLEY COMMUNITY COLLEGE	IL	17	13
MORTON COLLEGE	IL	1	1
NATIONAL UNIVERSITY OF HEALTH SCIENCES	IL	1	0
NORTH CENTRAL COLLEGE	IL	1	1
NORTH PARK UNIVERSITY	IL	5	2
NORTHEASTERN ILLINOIS UNIVERSITY	IL	11	10
NORTHERN ILLINOIS UNIVERSITY	IL	6	4
NORTHWESTERN UNIVERSITY	IL	1	1
OAKTON COMMUNITY COLLEGE	IL	5	3
OLIVE-HARVEY COLLEGE - CITY COLLEGES OF CHICAGO	IL	1	1
OLIVET NAZARENE UNIVERSITY	IL	3	3
PARKLAND COLLEGE	IL	2	2
QUINCY UNIVERSITY	IL	3	2

REND LAKE COLLEGE	IL	2	2
RICHARD J DALEY COLLEGE - CITY COLLEGES OF CHICAGO	IL	1	1
ROBERT MORRIS UNIVERSITY	IL	1	0
ROCK VALLEY COLLEGE	IL	1	0
ROCKFORD UNIVERSITY	IL	2	2
ROOSEVELT UNIVERSITY	IL	6	4
RUSH UNIVERSITY	IL	1	1
SAINT XAVIER UNIVERSITY	IL	4	4
SOUTH SUBURBAN COLLEGE	IL	4	2
SOUTHERN ILLINOIS UNIVERSITY - CARBONDALE	IL	2	2
SOUTHERN ILLINOIS UNIVERSITY - EDWARDSVILLE	IL	45	38
TRINITY INTERNATIONAL UNIVERSITY (IL) - DEERFIELD CAMPUS	IL	1	1
TRITON COLLEGE	IL	4	3
UNIVERSITY OF CHICAGO	IL	1	0
UNIVERSITY OF ILLINOIS - CHICAGO	IL	84	76
UNIVERSITY OF ILLINOIS - URBANA / CHAMPAIGN	IL	31	28
WAUBONSEE COMMUNITY COLLEGE	IL	0	0
WESTERN ILLINOIS UNIVERSITY	IL	2	2
WHEATON COLLEGE (IL)	IL	1	1
WILBUR WRIGHT COLLEGE - CITY COLLEGES OF CHICAGO	IL	5	4
WILLIAM RAINEY HARPER COLLEGE	IL	9	5
ANDERSON UNIVERSITY (IN)	IN	1	1
BALL STATE UNIVERSITY	IN	3	2
BUTLER UNIVERSITY	IN	67	57
EARLHAM COLLEGE	IN	1	1
FRANKLIN COLLEGE	IN	1	1
INDIANA STATE UNIVERSITY	IN	1	1
INDIANA UNIVERSITY - BLOOMINGTON	IN	7	6
INDIANA UNIVERSITY - EAST	IN	1	1
INDIANA UNIVERSITY - KOKOMO	IN	1	1
INDIANA UNIVERSITY - PURDUE UNIVERSITY - COLUMBUS	IN	1	1
INDIANA UNIVERSITY - PURDUE UNIVERSITY - FORT WAYNE	IN	7	7
INDIANA UNIVERSITY - PURDUE UNIVERSITY - INDIANAPOLIS	IN	7	6
INDIANA UNIVERSITY - SOUTH BEND	IN	1	0
INDIANA UNIVERSITY - SOUTHEAST	IN	7	7
INDIANA WESLEYAN UNIVERSITY	IN	1	1
IVY TECHNOLOGY COMMUNITY COLLEGE - CENTRAL INDIANA / INDIANAPOLIS	IN	3	2
IVY TECHNOLOGY COMMUNITY COLLEGE - LAFAYETTE	IN	0	0
IVY TECHNOLOGY COMMUNITY COLLEGE - NORTHEAST / FORT WAYNE	IN	1	1
KAPLAN UNIVERSITY (IN) (NOW PURDUE UNIVERSITY GLOBAL)	IN	2	0
MANCHESTER UNIVERSITY	IN	8	8
MARIAN UNIVERSITY (INDIANA)	IN	2	2
PURDUE UNIVERSITY - CALUMET (NOW PURDUE UNIVERSITY NORTHWEST)	IN	11	9
PURDUE UNIVERSITY - WEST LAFAYETTE	IN	182	156
SAINT MARY'S COLLEGE (IN)	IN	1	1
UNIVERSITY OF INDIANAPOLIS	IN	1	1
UNIVERSITY OF NOTRE DAME	IN	2	2
UNIVERSITY OF SAINT FRANCIS (IN)	IN	3	2
UNIVERSITY OF SOUTHERN INDIANA	IN	2	2
VINCENNES UNIVERSITY	IN	3	3

WABASH COLLEGE	IN	1	1
BARTON COUNTY COMMUNITY COLLEGE	KS	2	2
BUTLER COMMUNITY COLLEGE	KS	6	5
EMPORIA STATE UNIVERSITY	KS	3	3
FORT HAYS STATE UNIVERSITY	KS	2	2
HUTCHINSON COMMUNITY COLLEGE	KS	5	4
JOHNSON COUNTY COMMUNITY COLLEGE	KS	7	6
KANSAS CITY KANSAS COMMUNITY COLLEGE	KS	3	3
KANSAS STATE UNIVERSITY - MANHATTAN	KS	9	8
NEWMAN UNIVERSITY	KS	3	3
PITTSBURG STATE UNIVERSITY	KS	6	5
SEWARD COUNTY COMMUNITY COLLEGE	KS	2	2
TABOR COLLEGE	KS	1	1
UNIVERSITY OF KANSAS - MAIN CAMPUS	KS	52	46
WASHBURN UNIVERSITY	KS	1	1
WICHITA AREA TECHNICAL COLLEGE (NOW WSU TECH)	KS	2	2
WICHITA STATE UNIVERSITY	KS	10	6
ALICE LLOYD COLLEGE	KY	5	5
ASBURY UNIVERSITY	KY	1	1
ASHLAND COMMUNITY AND TECHNICAL COLLEGE	KY	2	2
BELLARMINE UNIVERSITY	KY	2	2
BEREA COLLEGE	KY	1	1
BIG SANDY COMMUNITY AND TECHNICAL COLLEGE	KY	3	3
BLUEGRASS COMMUNITY AND TECHNICAL COLLEGE	KY	1	0
BRESCIA UNIVERSITY	KY	1	1
CAMPBELLSVILLE UNIVERSITY	KY	3	3
CENTRE COLLEGE	KY	1	1
EASTERN KENTUCKY UNIVERSITY	KY	18	17
ELIZABETHTOWN COMMUNITY AND TECHNICAL COLLEGE	KY	1	1
GEORGETOWN COLLEGE	KY	1	1
HAZARD COMMUNITY AND TECHNICAL COLLEGE	KY	3	3
JEFFERSON COMMUNITY AND TECHNICAL COLLEGE	KY	6	4
KENTUCKY WESLEYAN COLLEGE	KY	2	2
LEXINGTON COMMUNITY COLLEGE (NOW BLUEGRASS COMM AND TECHNICAL C)	KY	1	1
LINDSEY WILSON COLLEGE	KY	1	1
MAYSVILLE COMMUNITY AND TECHNICAL COLLEGE	KY	1	1
MOREHEAD STATE UNIVERSITY	KY	12	11
MURRAY STATE UNIVERSITY	KY	4	4
NORTHERN KENTUCKY UNIVERSITY	KY	11	11
SOMERSET COMMUNITY COLLEGE	KY	2	2
SOUTHEAST KENTUCKY COMMUNITY AND TECHNICAL COLLEGE	KY	1	1
SPALDING UNIVERSITY	KY	4	4
THOMAS MORE COLLEGE	KY	1	0
TRANSYLVANIA UNIVERSITY	KY	4	4
UNION COLLEGE (KY)	KY	3	3
UNIVERSITY OF KENTUCKY	KY	64	60
UNIVERSITY OF LOUISVILLE	KY	18	17
UNIVERSITY OF PIKEVILLE	KY	5	5
UNIVERSITY OF THE CUMBERLANDS	KY	4	4
WESTERN KENTUCKY UNIVERSITY	KY	10	8

BATON ROUGE COMMUNITY COLLEGE	LA	2	1
BOSSIER PARISH COMMUNITY COLLEGE	LA	1	1
CENTENARY COLLEGE OF LOUISIANA	LA	1	1
DELGADO COMMUNITY COLLEGE	LA	2	1
DILLARD UNIVERSITY	LA	5	4
GRAMBLING STATE UNIVERSITY	LA	4	4
LOUISIANA DELTA COMMUNITY COLLEGE	LA	1	1
LOUISIANA STATE UNIVERSITY - A & M COLLEGE - BATON ROUGE	LA	14	13
LOUISIANA STATE UNIVERSITY - ALEXANDRIA	LA	2	2
LOUISIANA STATE UNIVERSITY - BATON ROUGE	LA	6	4
LOUISIANA STATE UNIVERSITY - EUNICE	LA	3	2
LOUISIANA STATE UNIVERSITY - SHREVEPORT	LA	1	1
LOUISIANA TECH UNIVERSITY	LA	9	7
LOYOLA UNIVERSITY NEW ORLEANS	LA	2	2
MCNEESE STATE UNIVERSITY	LA	4	4
NICHOLLS STATE UNIVERSITY	LA	6	4
NORTHWESTERN STATE UNIVERSITY	LA	6	6
SOUTHEASTERN LOUISIANA UNIVERSITY	LA	5	4
SOUTHERN UNIVERSITY - NEW ORLEANS	LA	3	1
SOUTHERN UNIVERSITY - SHREVEPORT	LA	1	1
TULANE UNIVERSITY	LA	4	4
UNIVERSITY OF LOUISIANA - LAFAYETTE	LA	11	11
UNIVERSITY OF LOUISIANA - MONROE	LA	48	39
UNIVERSITY OF NEW ORLEANS	LA	12	9
XAVIER UNIVERSITY OF LOUISIANA	LA	47	41
AMERICAN INTERNATIONAL COLLEGE	MA	1	0
ANNA MARIA COLLEGE	MA	2	2
ASSUMPTION UNIVERSITY	MA	1	1
BENJAMIN FRANKLIN INSTITUTE OF TECHNOLOGY	MA	1	1
BOSTON COLLEGE	MA	2	2
BOSTON CONSERVATORY	MA	1	1
BOSTON UNIVERSITY	MA	5	3
BOSTON UNIVERSITY - SARGENT COLLEGE	MA	1	0
BRANDEIS UNIVERSITY	MA	4	4
BRIDGEWATER STATE UNIVERSITY	MA	1	1
BUNKER HILL COMMUNITY COLLEGE	MA	3	3
COLLEGE OF THE HOLY CROSS	MA	2	2
CURRY COLLEGE	MA	1	0
DEAN COLLEGE	MA	1	1
EASTERN NAZARENE COLLEGE	MA	1	1
ELMS COLLEGE	MA	1	1
EMMANUEL COLLEGE (MA)	MA	1	1
ENDICOTT COLLEGE	MA	1	1
FITCHBURG STATE UNIVERSITY	MA	2	1
FRAMINGHAM STATE UNIVERSITY	MA	1	1
HARVARD UNIVERSITY EXTENSION	MA	1	1
HOLYOKE COMMUNITY COLLEGE	MA	2	2
MASSACHUSETTS BAY COMMUNITY COLLEGE	MA	1	1
MASSACHUSETTS COLLEGE OF LIBERAL ARTS	MA	2	2
MASSACHUSETTS COLLEGE OF PHARMACY AND HEALTH SCIENCE	MA	38	28

MASSACHUSETTS GENERAL HOSPITAL - INSTITUTE OF HEALTH PROFESSIONS	MA	1	1
MERRIMACK COLLEGE	MA	1	1
MIDDLESEX COMMUNITY COLLEGE - LOWELL	MA	1	1
NORTH SHORE COMMUNITY COLLEGE	MA	1	0
NORTHEASTERN UNIVERSITY	MA	48	47
NORTHERN ESSEX COMMUNITY COLLEGE	MA	1	1
QUINCY COLLEGE	MA	0	0
QUINSIGAMOND COMMUNITY COLLEGE	MA	11	9
REGIS COLLEGE	MA	1	0
ROXBURY COMMUNITY COLLEGE	MA	2	1
SALEM STATE COLLEGE	MA	5	4
SIMMONS COLLEGE	MA	1	1
SMITH COLLEGE	MA	1	1
SPRINGFIELD COLLEGE	MA	2	2
STONEHILL COLLEGE	MA	1	1
TUFTS UNIVERSITY	MA	0	0
UNIVERSITY OF MASSACHUSETTS - AMHERST	MA	13	12
UNIVERSITY OF MASSACHUSETTS - BOSTON	MA	5	4
UNIVERSITY OF MASSACHUSETTS - DARTMOUTH	MA	1	1
UNIVERSITY OF MASSACHUSETTS - LOWELL	MA	8	7
WESTERN NEW ENGLAND UNIVERSITY	MA	23	22
WESTFIELD STATE UNIVERSITY	MA	3	2
WHEATON COLLEGE (MA)	MA	1	1
WORCESTER POLYTECHNIC INSTITUTE	MA	1	1
WORCESTER STATE UNIVERSITY	MA	2	1
UNIVERSITY OF WINNIPEG	MB	1	1
BALTIMORE CITY COMMUNITY COLLEGE	MD	2	2
BOWIE STATE UNIVERSITY	MD	6	5
CARROLL COMMUNITY COLLEGE	MD	1	1
CECIL COMMUNITY COLLEGE	MD	1	1
COLLEGE OF SOUTHERN MARYLAND	MD	2	2
COMMUNITY COLLEGE OF BALTIMORE COUNTY	MD	9	6
COPPIN STATE UNIVERSITY	MD	2	2
FREDERICK COMMUNITY COLLEGE	MD	1	1
FROSTBURG STATE UNIVERSITY	MD	2	1
GOUCHER COLLEGE	MD	1	1
HAGERSTOWN COMMUNITY COLLEGE	MD	1	0
HARFORD COMMUNITY COLLEGE	MD	2	2
HOOD COLLEGE	MD	1	1
HOWARD COMMUNITY COLLEGE	MD	8	8
JOHNS HOPKINS UNIVERSITY	MD	1	1
LOYOLA UNIVERSITY MARYLAND	MD	4	3
MONTGOMERY COLLEGE - GERMANTOWN	MD	2	1
MONTGOMERY COLLEGE - ROCKVILLE	MD	4	2
MONTGOMERY COLLEGE - TAKOMA PARK / SILVER SPRINGS	MD	8	5
MORGAN STATE UNIVERSITY	MD	2	2
MOUNT SAINT MARY'S UNIVERSITY	MD	1	1
NOTRE DAME OF MARYLAND UNIVERSITY	MD	1	1
PRINCE GEORGE'S COMMUNITY COLLEGE	MD	12	10
SAINT MARY'S COLLEGE OF MARYLAND	MD	1	1

SALISBURY UNIVERSITY	MD	5	5
STEVENSON UNIVERSITY	MD	2	2
STRAYER UNIVERSITY (MD)	MD	0	0
TOWSON UNIVERSITY	MD	8	7
UNITED STATES NAVAL ACADEMY	MD	1	1
UNIVERSITY OF MARYLAND - BALTIMORE	MD	1	1
UNIVERSITY OF MARYLAND - BALTIMORE COUNTY	MD	22	18
UNIVERSITY OF MARYLAND - COLLEGE PARK	MD	28	28
UNIVERSITY OF MARYLAND - EASTERN SHORE	MD	7	6
WASHINGTON COLLEGE	MD	1	1
WOR-WIC COMMUNITY COLLEGE	MD	4	2
BATES COLLEGE	ME	1	1
HUSSON UNIVERSITY	ME	1	1
SAINT JOSEPH'S COLLEGE OF MAINE	ME	1	1
SOUTHERN MAINE COMMUNITY COLLEGE	ME	3	3
UNIVERSITY OF MAINE - AUGUSTA	ME	1	1
UNIVERSITY OF MAINE - ORONO	ME	2	1
UNIVERSITY OF NEW ENGLAND	ME	22	21
UNIVERSITY OF SOUTHERN MAINE	ME	4	4
ALBION COLLEGE	MI	1	1
ALPENA COMMUNITY COLLEGE	MI	2	2
ANDREWS UNIVERSITY	MI	2	2
BAKER COLLEGE - CLINTON TOWNSHIP, MI	MI	1	1
CALVIN COLLEGE	MI	3	3
CENTRAL MICHIGAN UNIVERSITY	MI	3	3
DELTA COLLEGE	MI	4	4
EASTERN MICHIGAN UNIVERSITY	MI	11	11
FERRIS STATE UNIVERSITY	MI	69	65
GRAND VALLEY STATE UNIVERSITY	MI	17	16
HENRY FORD COMMUNITY COLLEGE	MI	16	13
HILLSDALE COLLEGE	MI	1	1
HOPE COLLEGE	MI	1	1
KALAMAZOO COLLEGE	MI	1	1
KALAMAZOO VALLEY COMMUNITY COLLEGE	MI	1	1
LAKE MICHIGAN COLLEGE	MI	1	1
LAKE SUPERIOR STATE UNIVERSITY	MI	4	4
LANSING COMMUNITY COLLEGE	MI	1	1
MACOMB COMMUNITY COLLEGE	MI	6	5
MADONNA UNIVERSITY	MI	1	0
MICHIGAN STATE UNIVERSITY - EAST LANSING	MI	38	37
MICHIGAN TECHNOLOGICAL UNIVERSITY	MI	1	1
MID MICHIGAN COMMUNITY COLLEGE	MI	1	1
NORTHERN MICHIGAN UNIVERSITY	MI	6	6
OAKLAND COMMUNITY COLLEGE (MI)	MI	6	4
OAKLAND UNIVERSITY	MI	44	40
SAGINAW VALLEY STATE UNIVERSITY	MI	3	3
SCHOOLCRAFT COLLEGE	MI	4	2
SOUTHWESTERN MICHIGAN COLLEGE	MI	1	1
UNIVERSITY OF DETROIT MERCY	MI	7	6
UNIVERSITY OF MICHIGAN - ANN ARBOR	MI	34	31

UNIVERSITY OF MICHIGAN - DEARBORN	MI	31	25
UNIVERSITY OF MICHIGAN - FLINT	MI	5	4
WASHTENAW COMMUNITY COLLEGE	MI	1	0
WAYNE COUNTY COMMUNITY COLLEGE	MI	7	4
WAYNE STATE UNIVERSITY	MI	71	59
WEST SHORE COMMUNITY COLLEGE	MI	1	1
WESTERN MICHIGAN UNIVERSITY	MI	2	2
ANOKA-RAMSEY COMMUNITY COLLEGE	MN	4	1
AUGSBURG UNIVERSITY	MN	3	3
BEMIDJI STATE UNIVERSITY	MN	3	3
BETHANY LUTHERAN COLLEGE	MN	1	1
BETHEL UNIVERSITY	MN	2	1
CAPELLA UNIVERSITY	MN	1	0
CENTURY COLLEGE	MN	1	0
COLLEGE OF SAINT BENEDICT / SAINT JOHN'S UNIVERSITY	MN	1	1
COLLEGE OF SAINT SCHOLASTICA	MN	1	1
CONCORDIA COLLEGE - MOORHEAD	MN	2	2
FOND DU LAC TRIBAL AND COMMUNITY COLLEGE	MN	1	1
GUSTAVUS ADOLPHUS COLLEGE	MN	1	1
HAMLIN UNIVERSITY	MN	1	1
INVER HILLS COMMUNITY COLLEGE	MN	1	0
LAKE SUPERIOR COLLEGE	MN	1	1
MACALESTER COLLEGE	MN	0	0
METROPOLITAN STATE UNIVERSITY	MN	13	12
MINNEAPOLIS COMMUNITY AND TECHNICAL COLLEGE	MN	2	2
MINNESOTA STATE COMMUNITY AND TECHNICAL COLLEGE - MOORHEAD	MN	1	0
MINNESOTA STATE UNIVERSITY - MANKATO	MN	7	6
MINNESOTA STATE UNIVERSITY - MOORHEAD	MN	1	1
NORMANDALE COMMUNITY COLLEGE	MN	1	1
NORTH HENNEPIN COMMUNITY COLLEGE	MN	1	0
NORTHLAND COMMUNITY AND TECHNICAL COLLEGE	MN	1	1
SAINT CATHERINE UNIVERSITY	MN	3	3
SAINT CLOUD STATE UNIVERSITY	MN	6	5
SAINT OLAF COLLEGE	MN	3	3
SAINT PAUL COLLEGE - A COMMUNITY AND TECHNICAL COLLEGE	MN	3	2
SOUTHWEST MINNESOTA STATE UNIVERSITY	MN	1	1
UNIVERSITY OF MINNESOTA - DULUTH	MN	22	20
UNIVERSITY OF MINNESOTA - ROCHESTER	MN	2	2
UNIVERSITY OF MINNESOTA - TWIN CITIES	MN	40	37
UNIVERSITY OF SAINT THOMAS (MN)	MN	5	5
WINONA STATE UNIVERSITY	MN	8	7
AVILA UNIVERSITY	MO	2	2
CENTRAL METHODIST UNIVERSITY	MO	4	3
COLLEGE OF THE OZARKS	MO	1	1
COLUMBIA COLLEGE (MO)	MO	1	1
DRURY UNIVERSITY	MO	5	3
EVANGEL UNIVERSITY	MO	1	1
HARRIS-STOWE STATE UNIVERSITY	MO	1	1
LINCOLN UNIVERSITY (MISSOURI)	MO	2	2
LINDENWOOD UNIVERSITY	MO	1	0

MARYVILLE UNIVERSITY OF SAINT LOUIS	MO	2	2
METROPOLITAN COMMUNITY COLLEGE - BLUE RIVER	MO	1	1
METROPOLITAN COMMUNITY COLLEGE - KANSAS CITY / LEES SUMMIT	MO	1	1
METROPOLITAN COMMUNITY COLLEGE - LONGVIEW	MO	1	0
METROPOLITAN COMMUNITY COLLEGE - MAPLE WOODS	MO	5	4
METROPOLITAN COMMUNITY COLLEGE - PENN VALLEY	MO	4	4
MISSOURI BAPTIST UNIVERSITY	MO	2	2
MISSOURI SOUTHERN STATE UNIVERSITY	MO	3	2
MISSOURI STATE UNIVERSITY - SPRINGFIELD	MO	10	10
MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY (MISSOURI S & T)	MO	3	3
NORTHWEST MISSOURI STATE UNIVERSITY	MO	3	3
OZARKS TECHNICAL COMMUNITY COLLEGE	MO	2	1
ROCKHURST UNIVERSITY	MO	3	3
SAINT CHARLES COMMUNITY COLLEGE	MO	4	3
SAINT LOUIS COMMUNITY COLLEGE - MERAMEC, MO	MO	1	0
SAINT LOUIS COMMUNITY COLLEGE - WILDWOOD, MO	MO	1	1
SAINT LOUIS UNIVERSITY (MISSOURI)	MO	7	6
SOUTHEAST MISSOURI STATE UNIVERSITY	MO	7	7
STATE FAIR COMMUNITY COLLEGE	MO	1	1
THREE RIVERS COMMUNITY COLLEGE - POPLAR BLUFF	MO	2	1
TRUMAN STATE UNIVERSITY	MO	2	2
UNIVERSITY OF CENTRAL MISSOURI	MO	3	3
UNIVERSITY OF HEALTH SCIENCES AND PHARMACY IN ST. LOUIS	MO	7	5
UNIVERSITY OF MISSOURI - COLUMBIA	MO	29	29
UNIVERSITY OF MISSOURI - KANSAS CITY	MO	29	22
UNIVERSITY OF MISSOURI - SAINT LOUIS	MO	4	4
WASHINGTON UNIVERSITY IN SAINT LOUIS	MO	3	3
WESTMINSTER COLLEGE (MO)	MO	2	2
ALCORN STATE UNIVERSITY	MS	3	3
COPIAH-LINCOLN COMMUNITY COLLEGE	MS	3	3
DELTA STATE UNIVERSITY	MS	3	3
EAST MISSISSIPPI COMMUNITY COLLEGE	MS	1	1
HINDS COMMUNITY COLLEGE - RAYMOND	MS	2	1
ITAWAMBA COMMUNITY COLLEGE	MS	1	1
JACKSON STATE UNIVERSITY	MS	12	9
JONES COUNTY JUNIOR COLLEGE	MS	5	5
MERIDIAN COMMUNITY COLLEGE	MS	1	0
MISSISSIPPI COLLEGE	MS	2	2
MISSISSIPPI GULF COAST COMMUNITY COLLEGE	MS	6	5
MISSISSIPPI STATE UNIVERSITY	MS	15	13
MISSISSIPPI UNIVERSITY FOR WOMEN	MS	1	1
MISSISSIPPI VALLEY STATE UNIVERSITY	MS	2	2
NORTHWEST MISSISSIPPI COMMUNITY COLLEGE	MS	1	1
RUST COLLEGE	MS	2	2
TOUGALOO COLLEGE	MS	3	3
UNIVERSITY OF MISSISSIPPI	MS	80	73
UNIVERSITY OF SOUTHERN MISSISSIPPI	MS	14	11
WILLIAM CAREY UNIVERSITY	MS	13	13
CARROLL COLLEGE - HELENA	MT	3	3
FLATHEAD VALLEY COMMUNITY COLLEGE	MT	1	1

GREAT FALLS COLLEGE MONTANA STATE UNIVERSITY	MT	1	1
MONTANA STATE UNIVERSITY - BOZEMAN	MT	8	8
MONTANA STATE UNIVERSITY - NORTHERN	MT	1	1
MONTANA TECHNOLOGICAL UNIVERSITY	MT	1	1
ROCKY MOUNTAIN COLLEGE	MT	2	2
UNIVERSITY OF GREAT FALLS (NOW UNIVERSITY OF PROVIDENCE)	MT	1	1
UNIVERSITY OF MONTANA - MISSOULA	MT	17	17
UNIVERSITY OF MONTANA WESTERN	MT	3	3
UNIVERSITY OF NEW BRUNSWICK	NB	1	1
APPALACHIAN STATE UNIVERSITY	NC	6	6
ASHEVILLE - BUNCOMBE TECHNICAL COMMUNITY COLLEGE	NC	3	3
BEAUFORT COUNTY COMMUNITY COLLEGE	NC	2	2
BLUE RIDGE COMMUNITY COLLEGE - FLAT ROCK	NC	1	1
BREVARD COLLEGE	NC	0	0
CAMPBELL UNIVERSITY	NC	15	13
CAPE FEAR COMMUNITY COLLEGE	NC	4	1
CATAWBA COLLEGE	NC	1	1
CATAWBA VALLEY COMMUNITY COLLEGE	NC	1	1
CENTRAL PIEDMONT COMMUNITY COLLEGE	NC	5	5
CHOWAN UNIVERSITY	NC	1	1
COLLEGE OF THE ALBEMARLE	NC	1	0
DUKE UNIVERSITY	NC	0	0
DURHAM TECHNICAL COMMUNITY COLLEGE	NC	3	3
EAST CAROLINA UNIVERSITY	NC	11	9
ELIZABETH CITY STATE UNIVERSITY	NC	1	1
ELON UNIVERSITY	NC	1	1
FAYETTEVILLE STATE UNIVERSITY	NC	2	2
FAYETTEVILLE TECHNICAL COMMUNITY COLLEGE	NC	4	3
FORSYTH TECHNICAL COMMUNITY COLLEGE	NC	2	2
GARDNER-WEBB UNIVERSITY	NC	3	3
GASTON COLLEGE	NC	2	0
GUILFORD COLLEGE	NC	0	0
HAYWOOD COMMUNITY COLLEGE	NC	1	1
HIGH POINT UNIVERSITY	NC	17	17
ISOTHERMAL COMMUNITY COLLEGE	NC	1	1
JOHNSON C. SMITH UNIVERSITY	NC	2	2
LIVINGSTONE COLLEGE	NC	1	1
MARS HILL COLLEGE	NC	1	1
MEREDITH COLLEGE	NC	0	0
METHODIST UNIVERSITY	NC	5	5
MITCHELL COMMUNITY COLLEGE	NC	1	1
NASH COMMUNITY COLLEGE	NC	3	3
NORTH CAROLINA AGRICULTURAL AND TECHNICAL STATE UNIVERSITY	NC	6	4
NORTH CAROLINA CENTRAL UNIVERSITY	NC	7	7
NORTH CAROLINA STATE UNIVERSITY	NC	16	13
PFEIFFER UNIVERSITY	NC	1	1
PIEDMONT COMMUNITY COLLEGE	NC	1	1
QUEENS UNIVERSITY OF CHARLOTTE	NC	1	1
SALEM COLLEGE	NC	1	0
SANDHILLS COMMUNITY COLLEGE	NC	1	1

SOUTHWESTERN COMMUNITY COLLEGE - SYLVA	NC	1	0
UNIVERSITY OF NORTH CAROLINA - ASHEVILLE	NC	4	3
UNIVERSITY OF NORTH CAROLINA - CHAPEL HILL	NC	49	46
UNIVERSITY OF NORTH CAROLINA - CHARLOTTE	NC	4	4
UNIVERSITY OF NORTH CAROLINA - GREENSBORO	NC	9	8
UNIVERSITY OF NORTH CAROLINA - PEMBROKE	NC	5	5
UNIVERSITY OF NORTH CAROLINA - WILMINGTON	NC	10	10
WAKE FOREST UNIVERSITY	NC	4	4
WAKE TECHNICAL COMMUNITY COLLEGE	NC	1	1
WAYNE COMMUNITY COLLEGE	NC	1	1
WESTERN CAROLINA UNIVERSITY	NC	6	6
WILLIAM PEACE UNIVERSITY	NC	1	1
WINGATE UNIVERSITY	NC	19	16
WINSTON-SALEM STATE UNIVERSITY	NC	2	1
BISMARCK STATE COLLEGE	ND	1	1
MINOT STATE UNIVERSITY - MINOT CAMPUS	ND	4	4
NORTH DAKOTA STATE COLLEGE OF SCIENCE	ND	1	1
NORTH DAKOTA STATE UNIVERSITY - MAIN CAMPUS	ND	54	52
UNIVERSITY OF JAMESTOWN	ND	2	2
UNIVERSITY OF MARY	ND	2	2
UNIVERSITY OF NORTH DAKOTA	ND	4	3
VALLEY CITY STATE UNIVERSITY	ND	1	1
WILLISTON STATE COLLEGE	ND	2	2
BELLEVUE UNIVERSITY	NE	2	0
CENTRAL COMMUNITY COLLEGE	NE	1	1
CHADRON STATE COLLEGE	NE	1	1
CONCORDIA UNIVERSITY - SEWARD	NE	1	1
CREIGHTON UNIVERSITY	NE	20	19
DOANE COLLEGE (NOW DOANE UNIVERSITY)	NE	5	4
METROPOLITAN COMMUNITY COLLEGE (NEBRASKA)	NE	1	1
MIDLAND LUTHERAN COLLEGE (NOW MIDLAND UNIVERSITY)	NE	1	1
MID-PLAINS COMMUNITY COLLEGE	NE	1	1
NEBRASKA WESLEYAN UNIVERSITY	NE	1	0
NORTHEAST COMMUNITY COLLEGE	NE	1	0
SOUTHEAST COMMUNITY COLLEGE - LINCOLN	NE	2	2
UNIVERSITY OF NEBRASKA - KEARNEY	NE	6	6
UNIVERSITY OF NEBRASKA - LINCOLN	NE	19	18
UNIVERSITY OF NEBRASKA - OMAHA	NE	4	3
WAYNE STATE COLLEGE	NE	4	4
DARTMOUTH COLLEGE	NH	1	1
FRANKLIN PIERCE UNIVERSITY - RINDGE, NH (MAIN CAMPUS)	NH	1	1
NEW ENGLAND COLLEGE	NH	1	1
NHTI-CONCORD COMMUNITY COLLEGE	NH	1	1
PLYMOUTH STATE UNIVERSITY	NH	1	0
SAINT ANSELMO COLLEGE	NH	1	1
SOUTHERN NEW HAMPSHIRE UNIVERSITY	NH	6	1
UNIVERSITY OF NEW HAMPSHIRE - DURHAM	NH	10	10
UNIVERSITY OF NEW HAMPSHIRE - MANCHESTER	NH	1	1
BERGEN COMMUNITY COLLEGE	NJ	5	4
BROOKDALE COMMUNITY COLLEGE	NJ	1	0

CAMDEN COUNTY COLLEGE	NJ	1	1
COLLEGE OF NEW JERSEY	NJ	2	2
COLLEGE OF SAINT ELIZABETH	NJ	1	1
COUNTY COLLEGE OF MORRIS	NJ	3	3
CUMBERLAND COUNTY COLLEGE	NJ	1	0
DREW UNIVERSITY	NJ	1	1
ESSEX COUNTY COLLEGE	NJ	3	3
FAIRLEIGH DICKINSON UNIVERSITY - FLORHAM CAMPUS	NJ	10	10
FAIRLEIGH DICKINSON UNIVERSITY - METROPOLITAN CAMPUS	NJ	7	5
GEORGIAN COURT UNIVERSITY	NJ	1	1
HUDSON COUNTY COMMUNITY COLLEGE	NJ	7	7
KEAN UNIVERSITY	NJ	8	8
MIDDLESEX COUNTY COLLEGE	NJ	8	7
MONMOUTH UNIVERSITY	NJ	1	1
MONTCLAIR STATE UNIVERSITY	NJ	12	7
NEW JERSEY CITY UNIVERSITY	NJ	10	9
NEW JERSEY INSTITUTE OF TECHNOLOGY	NJ	1	1
OCEAN COUNTY COLLEGE	NJ	1	1
PASSAIC COUNTY COMMUNITY COLLEGE	NJ	2	2
PRINCETON UNIVERSITY	NJ	3	2
RAMAPO COLLEGE OF NEW JERSEY	NJ	4	2
RARITAN VALLEY COMMUNITY COLLEGE	NJ	5	5
RICHARD STOCKTON COLLEGE OF NEW JERSEY	NJ	5	4
RIDER UNIVERSITY	NJ	1	1
ROWAN COLLEGE AT BURLINGTON COUNTY	NJ	1	1
ROWAN COLLEGE AT GLOUCESTER COUNTY	NJ	3	3
ROWAN UNIVERSITY - COLLEGE OF GRADUATE AND CONTINUING EDUCATION	NJ	1	1
ROWAN UNIVERSITY - MAIN CAMPUS	NJ	6	5
RUTGERS - STATE UNIVERSITY OF NEW JERSEY - CAMDEN	NJ	5	5
RUTGERS - STATE UNIVERSITY OF NEW JERSEY - GRAD SCHOOL OF BIOMEDICAL SCI	NJ	0	0
RUTGERS - STATE UNIVERSITY OF NEW JERSEY - NEW BRUNSWICK	NJ	20	14
RUTGERS - STATE UNIVERSITY OF NEW JERSEY - NEWARK	NJ	26	23
RUTGERS - STATE UNIVERSITY OF NEW JERSEY - SCHOOL OF PUBLIC HEALTH	NJ	0	0
RUTGERS - STATE UNIVERSITY OF NEW JERSEY - SEBS	NJ	1	1
SAINT PETER'S COLLEGE	NJ	3	3
SETON HALL UNIVERSITY - SOUTH ORANGE	NJ	2	2
STEVENS INSTITUTE OF TECHNOLOGY	NJ	2	2
THOMAS EDISON STATE UNIVERSITY	NJ	2	2
UNION COUNTY COLLEGE	NJ	1	1
WILLIAM PATERSON UNIVERSITY OF NEW JERSEY	NJ	1	1
MEMORIAL UNIVERSITY OF NEWFOUNDLAND - SAINT JOHN'S	NL	1	1
BROWN MACKIE COLLEGE - ALBUQUERQUE, NM (CLOSED 2017)	NM	0	0
CENTRAL NEW MEXICO COMMUNITY COLLEGE	NM	8	6
CLOVIS COMMUNITY COLLEGE	NM	1	1
DONA ANA COMMUNITY COLLEGE - NEW MEXICO STATE UNIVERSITY	NM	1	0
EASTERN NEW MEXICO UNIVERSITY - PORTALES	NM	2	1
NEW MEXICO HIGHLANDS UNIVERSITY	NM	2	2
NEW MEXICO INSTITUTE OF MINING AND TECHNOLOGY	NM	2	2
NEW MEXICO STATE UNIVERSITY - LAS CRUCES	NM	21	20
SAN JUAN COLLEGE	NM	1	1

UNIVERSITY OF NEW MEXICO - ALBUQUERQUE	NM	47	38
UNIVERSITY OF NEW MEXICO - VALENCIA	NM	1	1
WESTERN NEW MEXICO UNIVERSITY	NM	2	2
ART INSTITUTE OF LAS VEGAS	NV	1	0
COLLEGE OF SOUTHERN NEVADA	NV	7	6
NEVADA STATE COLLEGE	NV	5	3
TRUCKEE MEADOWS COMMUNITY COLLEGE	NV	1	1
UNIVERSITY OF NEVADA - LAS VEGAS	NV	30	29
UNIVERSITY OF NEVADA - RENO	NV	15	14
ADIRONDACK COMMUNITY COLLEGE (NOW SUNY ADIRONDACK)	NY	0	0
ALBANY COLLEGE OF PHARMACY	NY	8	6
ASA INSTITUTE OF BUSINESS AND COMPUTER TECHNOLOGY (NOW ASA COLLEGE)	NY	1	0
BARNARD COLLEGE	NY	1	1
BRAMSON O R T COLLEGE	NY	1	0
BROOME COMMUNITY COLLEGE	NY	2	2
CANISIUS COLLEGE	NY	1	1
CAYUGA COMMUNITY COLLEGE	NY	1	1
CLARKSON UNIVERSITY	NY	1	1
COLGATE UNIVERSITY	NY	2	1
COLLEGE OF MOUNT SAINT VINCENT	NY	2	1
COLLEGE OF SAINT ROSE	NY	1	1
COLUMBIA-GREENE COMMUNITY COLLEGE	NY	0	0
CORNELL UNIVERSITY	NY	2	2
CORNING COMMUNITY COLLEGE	NY	1	1
CUNY - BARUCH COLLEGE	NY	1	1
CUNY - BOROUGH OF MANHATTAN COMMUNITY COLLEGE	NY	0	0
CUNY - BROOKLYN COLLEGE	NY	8	7
CUNY - CITY COLLEGE	NY	6	5
CUNY - COLLEGE OF STATEN ISLAND	NY	10	10
CUNY - HOSTOS COMMUNITY COLLEGE	NY	1	0
CUNY - HUNTER COLLEGE	NY	21	20
CUNY - JOHN JAY COLLEGE OF CRIMINAL JUSTICE	NY	2	1
CUNY - KINGSBOROUGH COMMUNITY COLLEGE	NY	3	3
CUNY - LAGUARDIA COMMUNITY COLLEGE	NY	2	2
CUNY - LEHMAN COLLEGE	NY	17	16
CUNY - MEDGAR EVERS COLLEGE	NY	3	3
CUNY - NEW YORK CITY COLLEGE OF TECHNOLOGY	NY	6	6
CUNY - QUEENS COLLEGE	NY	1	1
CUNY - QUEENSBOROUGH COMMUNITY COLLEGE	NY	1	0
CUNY - YORK COLLEGE	NY	6	5
DOMINICAN COLLEGE	NY	1	1
DUTCHESS COMMUNITY COLLEGE	NY	4	3
D'YOUVILLE COLLEGE	NY	9	7
ERIE COMMUNITY COLLEGE - CENTER REPORT	NY	1	0
ERIE COMMUNITY COLLEGE - NORTH CAMPUS	NY	3	3
ERIE COMMUNITY COLLEGE - SOUTH CAMPUS	NY	1	1
FORDHAM UNIVERSITY - ROSE HILL	NY	1	1
GENESEE COMMUNITY COLLEGE	NY	1	1
HOFSTRA UNIVERSITY	NY	1	1
HOUGHTON COLLEGE	NY	1	1

HUDSON VALLEY COMMUNITY COLLEGE	NY	4	2
IONA COLLEGE	NY	2	2
JAMESTOWN COMMUNITY COLLEGE	NY	3	3
KEUKA COLLEGE	NY	1	1
LE MOYNE COLLEGE	NY	3	2
LONG ISLAND UNIVERSITY - BROOKLYN CAMPUS	NY	106	103
LONG ISLAND UNIVERSITY - C.W. POST CAMPUS	NY	3	2
MANHATTAN COLLEGE	NY	2	2
MANHATTANVILLE COLLEGE	NY	1	1
MARIST COLLEGE	NY	1	1
MOHAWK VALLEY COMMUNITY COLLEGE	NY	1	0
MOLLOY COLLEGE	NY	1	1
MONROE COLLEGE - MAIN CAMPUS/NEW ROCHELLE, NY	NY	1	1
MONROE COMMUNITY COLLEGE - ROCHESTER	NY	9	8
MOUNT SAINT MARY COLLEGE	NY	1	1
NASSAU COMMUNITY COLLEGE	NY	1	1
NAZARETH COLLEGE (NY)	NY	0	0
NEW YORK UNIVERSITY	NY	5	4
NIAGARA COUNTY COMMUNITY COLLEGE	NY	1	1
NIAGARA UNIVERSITY	NY	1	1
ONONDAGA COMMUNITY COLLEGE	NY	2	2
ORANGE COUNTY COMMUNITY COLLEGE	NY	1	1
PACE UNIVERSITY - NEW YORK	NY	0	0
POLYTECHNIC INSTITUTE OF NEW YORK UNIVERSITY	NY	1	1
RENSSELAER POLYTECHNIC INSTITUTE	NY	3	2
ROBERTS WESLEYAN COLLEGE	NY	1	1
RUSSELL SAGE COLLEGE	NY	2	2
SAINT FRANCIS COLLEGE (NEW YORK)	NY	2	2
SAINT JOHN FISHER COLLEGE	NY	23	22
SAINT JOHN'S UNIVERSITY (NY)	NY	12	10
SAINT JOSEPH'S COLLEGE (NY) - LONG ISLAND CAMPUS	NY	1	1
SIENA COLLEGE	NY	2	2
SUFFOLK COUNTY COMMUNITY COLLEGE - AMMERMAN CAMPUS / SELDON	NY	3	0
SULLIVAN COUNTY COMMUNITY COLLEGE	NY	1	1
SUNY - BINGHAMTON UNIVERSITY	NY	36	34
SUNY - BROCKPORT	NY	4	4
SUNY - BUFFALO STATE	NY	0	0
SUNY - COBLESKILL	NY	1	1
SUNY - CORTLAND	NY	3	3
SUNY - EMPIRE STATE COLLEGE	NY	2	2
SUNY - FARMINGDALE STATE COLLEGE	NY	6	5
SUNY - GENESEO	NY	5	5
SUNY - NEW PALTZ	NY	1	1
SUNY - OLD WESTBURY	NY	2	2
SUNY - OSWEGO	NY	1	1
SUNY - PLATTSBURGH	NY	2	2
SUNY - POTSDAM	NY	2	2
SUNY - ROCKLAND COMMUNITY COLLEGE	NY	2	1
SUNY - STONY BROOK	NY	9	9
SUNY - WESTCHESTER COMMUNITY COLLEGE	NY	3	0

SUNY COLLEGE OF TECHNOLOGY - ALFRED STATE COLLEGE	NY	1	1
SYRACUSE UNIVERSITY	NY	3	3
TOURO COLLEGE	NY	7	5
UNIVERSITY AT ALBANY	NY	14	13
UNIVERSITY AT BUFFALO	NY	96	83
UNIVERSITY OF ROCHESTER	NY	1	1
UTICA COLLEGE	NY	1	1
VAUGHN COLLEGE OF AERONAUTICS AND TECHNOLOGY	NY	1	0
WAGNER COLLEGE	NY	2	2
YESHIVA UNIVERSITY	NY	1	1
ASHLAND UNIVERSITY	OH	1	1
BALDWIN-WALLACE COLLEGE	OH	3	3
BOWLING GREEN STATE UNIVERSITY	OH	3	3
CAPITAL UNIVERSITY	OH	2	2
CASE WESTERN RESERVE UNIVERSITY	OH	6	6
CEDARVILLE UNIVERSITY	OH	21	21
CENTRAL OHIO TECHNICAL COLLEGE	OH	1	1
CENTRAL STATE UNIVERSITY	OH	2	2
CINCINNATI STATE TECHNICAL AND COMMUNITY COLLEGE	OH	0	0
CLARK STATE COMMUNITY COLLEGE	OH	1	1
CLEVELAND STATE UNIVERSITY	OH	14	13
COLUMBUS STATE COMMUNITY COLLEGE	OH	3	3
CUYAHOGA COMMUNITY COLLEGE - EASTERN	OH	1	1
CUYAHOGA COMMUNITY COLLEGE - WESTERN	OH	2	2
CUYAHOGA COMMUNITY COLLEGE - WESTSHORE	OH	1	1
DEFIANCE COLLEGE	OH	2	2
DENISON UNIVERSITY	OH	1	1
HEIDELBERG COLLEGE	OH	1	1
HIRAM COLLEGE	OH	2	2
JOHN CARROLL UNIVERSITY	OH	1	1
KENT STATE UNIVERSITY	OH	10	10
LORAIN COUNTY COMMUNITY COLLEGE	OH	3	3
MALONE UNIVERSITY	OH	1	1
MIAMI UNIVERSITY - HAMILTON CAMPUS	OH	2	2
MIAMI UNIVERSITY - OXFORD	OH	7	7
MOUNT ST. JOSEPH UNIVERSITY	OH	1	1
MUSKINGUM UNIVERSITY	OH	1	1
NORTHWEST STATE COMMUNITY COLLEGE	OH	1	1
OHIO DOMINICAN UNIVERSITY	OH	2	2
OHIO STATE UNIVERSITY	OH	66	57
OHIO UNIVERSITY - ATHENS	OH	9	9
OTTERBEIN COLLEGE	OH	2	2
OWENS COMMUNITY COLLEGE - TOLEDO CAMPUS	OH	3	2
SHAWNEE STATE UNIVERSITY	OH	3	3
SINCLAIR COMMUNITY COLLEGE	OH	4	3
SOUTHERN STATE COMMUNITY COLLEGE	OH	1	0
STARK STATE COLLEGE	OH	7	6
TIFFIN UNIVERSITY	OH	1	0
UNIVERSITY OF AKRON - AKRON CAMPUS	OH	10	9
UNIVERSITY OF CINCINNATI - BLUE ASH COLLEGE	OH	4	3

UNIVERSITY OF CINCINNATI - CLERMONT COLLEGE	OH	2	1
UNIVERSITY OF CINCINNATI - MAIN CAMPUS	OH	60	55
UNIVERSITY OF DAYTON	OH	2	2
UNIVERSITY OF FINDLAY	OH	2	1
UNIVERSITY OF MOUNT UNION	OH	0	0
UNIVERSITY OF TOLEDO	OH	60	55
UNIVERSITY OF TOLEDO - HEALTH SCIENCE CAMPUS	OH	1	1
WALSH UNIVERSITY	OH	3	3
WRIGHT STATE UNIVERSITY - DAYTON CAMPUS	OH	4	4
XAVIER UNIVERSITY	OH	2	2
YOUNGSTOWN STATE UNIVERSITY	OH	9	9
CAMERON UNIVERSITY	OK	2	2
NORTHEASTERN STATE UNIVERSITY	OK	4	3
NORTHWESTERN OKLAHOMA STATE UNIVERSITY	OK	1	0
OKLAHOMA BAPTIST UNIVERSITY	OK	1	1
OKLAHOMA CHRISTIAN UNIVERSITY	OK	1	1
OKLAHOMA CITY COMMUNITY COLLEGE	OK	5	5
OKLAHOMA CITY UNIVERSITY	OK	1	1
OKLAHOMA PANHANDLE STATE UNIVERSITY	OK	1	1
OKLAHOMA STATE UNIVERSITY - OKLAHOMA CITY	OK	1	1
OKLAHOMA STATE UNIVERSITY - STILLWATER	OK	9	8
ORAL ROBERTS UNIVERSITY	OK	1	1
ROGERS STATE UNIVERSITY	OK	1	1
ROSE STATE COLLEGE	OK	3	3
SOUTHERN NAZARENE UNIVERSITY	OK	1	1
SOUTHWESTERN OKLAHOMA STATE UNIVERSITY	OK	1	1
TULSA COMMUNITY COLLEGE	OK	9	8
UNIVERSITY OF CENTRAL OKLAHOMA	OK	5	2
UNIVERSITY OF OKLAHOMA - NORMAN CAMPUS	OK	39	31
UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	2	1
UNIVERSITY OF TULSA	OK	2	2
BROCK UNIVERSITY	ON	5	4
CARLETON UNIVERSITY	ON	1	0
FANSHAW COLLEGE	ON	1	0
GEORGE BROWN COLLEGE	ON	0	0
HUMBER COLLEGE	ON	1	1
MCMASTER UNIVERSITY	ON	1	1
QUEEN'S UNIVERSITY - MAIN CAMPUS	ON	2	2
TORONTO METROPOLITAN UNIVERSITY (FORMERLY RYERSON UNIVERSITY)	ON	2	1
UNIVERSITY OF GUELPH	ON	1	0
UNIVERSITY OF ONTARIO INSTITUTE OF TECHNOLOGY	ON	2	2
UNIVERSITY OF OTTAWA	ON	5	5
UNIVERSITY OF TORONTO - MISSISSAUGA - ERINDALE COLLEGE	ON	3	2
UNIVERSITY OF TORONTO - SAINT GEORGE'S CAMPUS	ON	1	1
UNIVERSITY OF TORONTO - SCARBOROUGH	ON	2	2
UNIVERSITY OF TORONTO - UNIVERSITY OF SAINT MICHAEL'S COLLEGE	ON	1	0
UNIVERSITY OF TORONTO - WOODSWORTH COLLEGE	ON	1	1
UNIVERSITY OF WATERLOO - MAIN CAMPUS	ON	10	10
UNIVERSITY OF WESTERN ONTARIO - MAIN CAMPUS	ON	5	4
UNIVERSITY OF WINDSOR - MAIN CAMPUS	ON	24	21

WILFRID LAURIER UNIVERSITY	ON	0	0
YORK UNIVERSITY - GLENDON COLLEGE	ON	1	1
YORK UNIVERSITY - MAIN CAMPUS	ON	18	12
CORBAN UNIVERSITY	OR	1	1
EASTERN OREGON UNIVERSITY	OR	3	3
GEORGE FOX UNIVERSITY	OR	2	2
LANE COMMUNITY COLLEGE	OR	1	1
LEWIS AND CLARK COLLEGE	OR	1	1
OREGON INSTITUTE OF TECHNOLOGY	OR	1	1
OREGON STATE UNIVERSITY	OR	44	43
PACIFIC UNIVERSITY	OR	11	11
PORTLAND COMMUNITY COLLEGE	OR	4	4
PORTLAND STATE UNIVERSITY	OR	19	16
SOUTHERN OREGON UNIVERSITY	OR	1	1
SOUTHWESTERN OREGON COMMUNITY COLLEGE	OR	1	1
UNIVERSITY OF OREGON - EUGENE	OR	5	5
UNIVERSITY OF PORTLAND	OR	2	2
WARNER PACIFIC COLLEGE	OR	0	0
WESTERN OREGON UNIVERSITY	OR	3	3
WILLAMETTE UNIVERSITY	OR	2	1
ADDIS ABABA UNIVERSITY	Other	2	2
AL ISRA UNIVERSITY	Other	1	1
ALEXANDRIA UNIVERSITY	Other	1	1
AMBROSE ALLI UNIVERSITY	Other	1	1
BIRZEIT UNIVERSITY	Other	1	1
C.U. SHAH COLLEGE OF PHARMACY	Other	1	0
CAIRO UNIVERSITY	Other	1	1
CENTRAL UNIVERSITY	Other	1	1
CHUNG-ANG UNIVERSITY	Other	1	1
CUTTINGTON UNIVERSITY COLLEGE	Other	1	1
DONGGUK UNIVERSITY	Other	1	1
EASTERN MEDITERRANEAN UNIVERSITY	Other	1	1
GUJARAT TECHNOLOGICAL UNIVERSITY	Other	2	2
GURU NANAK DEV UNIVERSITY	Other	1	1
HANYANG UNIVERSITY	Other	1	1
HEBREW UNIVERSITY - JERUSALEM	Other	1	0
HENAN UNIVERSITY TRADITIONAL CHINESE MEDICINE	Other	1	1
ISLAMIC AZAD UNIVERSITY	Other	4	4
JORDAN UNIVERSITY OF SCIENCE AND TECHNOLOGY	Other	1	0
KAOHSIUNG MEDICAL UNIVERSITY	Other	1	1
KENYA MEDICAL TRAINING COLLEGE	Other	0	0
KOREA UNIVERSITY	Other	0	0
KWAME NKRUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY	Other	7	7
KYUNGHEE UNIVERSITY	Other	1	1
LEBANESE AMERICAN UNIVERSITY - BYBLOS	Other	2	1
MAKERERE UNIVERSITY	Other	1	1
MANSOURA UNIVERSITY	Other	1	0
MYONGJI UNIVERSITY	Other	1	1
NANKAI UNIVERSITY	Other	1	1
NIRMA UNIVERSITY	Other	1	1

NORTH SOUTH UNIVERSITY	Other	2	2
OBAFEMI AWOLOWO UNIVERSITY	Other	2	2
OLABISI ONABANJO UNIVERSITY	Other	1	0
OXFORD BROOKES UNIVERSITY	Other	1	1
PANJAB UNIVERSITY	Other	0	0
POLYTECHNIC UNIVERSITY OF HO CHI MINH CITY	Other	0	0
SEJONG UNIVERSITY	Other	1	1
SHANGHAI UNIVERSITY OF ELECTRIC POWER	Other	1	0
SHARIF UNIVERSITY OF TECHNOLOGY IRAN	Other	1	1
SHIRAZ UNIVERSITY	Other	0	0
SMOLENSK STATE ACADEMY OF MEDICINE	Other	1	1
SRM UNIVERSITY	Other	1	1
SUNG KYUN KWAN UNIVERSITY	Other	2	2
TAIPEI MEDICAL COLLEGE	Other	0	0
TRIBHUVAN UNIVERSITY	Other	1	1
UNITED STATES INTERNATIONAL UNIVERSITY IN NAIROBI, KENYA	Other	1	1
UNIVERSIDAD AUTONOMA DE CIUDAD JUAREZ	Other	1	1
UNIVERSIDAD AUTONOMA DEL ESTADO DE MEXICO	Other	1	0
UNIVERSITY OF BAGHDAD	Other	0	0
UNIVERSITY OF BENIN	Other	1	1
UNIVERSITY OF DHAKA	Other	1	1
UNIVERSITY OF GHANA,	Other	1	0
UNIVERSITY OF IBADAN	Other	1	1
UNIVERSITY OF JORDAN	Other	2	2
UNIVERSITY OF LAGOS	Other	1	0
UNIVERSITY OF MUMBAI	Other	1	0
UNIVERSITY OF NIGERIA - NSUKKA	Other	2	2
UNIVERSITY OF SANTO TOMAS	Other	1	1
UNIVERSITY OF YAOUNDE	Other	1	0
ALBRIGHT COLLEGE	PA	2	2
ALLEGHENY COLLEGE	PA	3	3
ARCADIA UNIVERSITY	PA	3	2
BLOOMSBURG UNIVERSITY OF PENNSYLVANIA	PA	1	1
BRYN MAWR COLLEGE	PA	2	2
BUCKS COUNTY COMMUNITY COLLEGE	PA	3	3
BUTLER COUNTY COMMUNITY COLLEGE	PA	1	1
CABRINI COLLEGE	PA	2	2
CALIFORNIA UNIVERSITY OF PENNSYLVANIA	PA	3	2
CARNEGIE MELLON UNIVERSITY	PA	2	2
CHATHAM UNIVERSITY	PA	0	0
CHESTNUT HILL COLLEGE	PA	1	1
COMMUNITY COLLEGE OF ALLEGHENY COUNTY - ALLEGHENY	PA	1	0
COMMUNITY COLLEGE OF BEAVER COUNTY	PA	1	1
COMMUNITY COLLEGE OF PHILADELPHIA	PA	12	8
DELAWARE COUNTY COMMUNITY COLLEGE	PA	4	3
DESALES UNIVERSITY	PA	2	2
DREXEL UNIVERSITY	PA	3	3
DUQUESNE UNIVERSITY	PA	1	1
EDINBORO UNIVERSITY OF PENNSYLVANIA	PA	7	6
ELIZABETHTOWN COLLEGE	PA	2	2

FRANKLIN AND MARSHALL COLLEGE	PA	2	2
GANNON UNIVERSITY	PA	11	11
GENEVA COLLEGE	PA	2	2
GETTYSBURG COLLEGE	PA	1	1
GROVE CITY COLLEGE	PA	1	0
HARRISBURG AREA COMMUNITY COLLEGE - YORK	PA	0	0
HOLY FAMILY UNIVERSITY	PA	1	1
IMMACULATA UNIVERSITY	PA	1	1
INDIANA UNIVERSITY OF PENNSYLVANIA - SUTTON HALL	PA	4	3
KEYSTONE COLLEGE	PA	1	1
KING'S COLLEGE (PENNSYLVANIA)	PA	1	1
LA ROCHE COLLEGE	PA	2	2
LA SALLE UNIVERSITY	PA	1	1
LEBANON VALLEY COLLEGE	PA	0	0
LECOM - ERIE, PA	PA	1	1
LEHIGH UNIVERSITY	PA	1	1
LINCOLN UNIVERSITY (PENNSYLVANIA)	PA	3	3
LOCK HAVEN UNIVERSITY OF PENNSYLVANIA - LOCK HAVEN	PA	1	1
LUZERNE COUNTY COMMUNITY COLLEGE	PA	1	1
MERCYHURST UNIVERSITY	PA	6	5
MILLERSVILLE UNIVERSITY OF PENNSYLVANIA	PA	4	3
MONTGOMERY COUNTY COMMUNITY COLLEGE	PA	4	4
MORAVIAN COLLEGE	PA	1	1
MUHLENBERG COLLEGE	PA	1	0
NEUMANN UNIVERSITY	PA	1	0
NORTHAMPTON COUNTY AREA COMMUNITY COLLEGE - BETHLEHEM/MONROE	PA	1	1
PENNSYLVANIA STATE UNIVERSITY	PA	33	31
PHILADELPHIA UNIVERSITY (NOW THOMAS JEFFERSON UNIVERSITY)	PA	4	4
ROBERT MORRIS UNIVERSITY	PA	1	1
SAINT FRANCIS UNIVERSITY	PA	1	1
SAINT JOSEPH'S UNIVERSITY	PA	1	1
SETON HILL UNIVERSITY	PA	2	1
SHIPPENSBURG UNIVERSITY OF PENNSYLVANIA	PA	1	1
SLIPPERY ROCK UNIVERSITY OF PENNSYLVANIA	PA	4	3
SUSQUEHANNA UNIVERSITY	PA	1	1
TEMPLE UNIVERSITY	PA	41	38
THOMAS JEFFERSON UNIVERSITY	PA	6	6
UNIVERSITY OF PHOENIX (PA)	PA	0	0
UNIVERSITY OF PITTSBURGH - BRADFORD	PA	1	0
UNIVERSITY OF PITTSBURGH - GREENSBURG	PA	8	7
UNIVERSITY OF PITTSBURGH - JOHNSTOWN	PA	2	2
UNIVERSITY OF PITTSBURGH - PITTSBURGH	PA	102	96
UNIVERSITY OF SCRANTON	PA	3	3
UNIVERSITY OF THE SCIENCES IN PHILADELPHIA	PA	5	3
URSINUS COLLEGE	PA	3	3
VILLANOVA UNIVERSITY	PA	2	2
WEST CHESTER UNIVERSITY OF PENNSYLVANIA	PA	1	1
WESTERN SCHOOL OF HEALTH AND BUSINESS - PITTSBURGH	PA	1	1
WESTMORELAND COUNTY COMMUNITY COLLEGE	PA	1	1
WILKES UNIVERSITY	PA	4	4

YORK COLLEGE OF PENNSYLVANIA	PA	0	0
BAYAMON CENTRAL UNIVERSITY	PR	5	4
CARIBBEAN UNIVERSITY - BAYAMON/CAROLINA/PONCE/VEGA BAJA	PR	2	1
CATHOLIC UNIVERSITY OF PUERTO RICO - ARECIBO	PR	5	2
CENTRO DE ESTUDIOS MULTIDISCIPLINARIOS	PR	2	1
HUERTAS JUNIOR COLLEGE	PR	2	0
INTER AMERICAN UNIVERSITY OF PUERTO RICO - AGUADILLA CAMPUS	PR	12	7
INTER AMERICAN UNIVERSITY OF PUERTO RICO - ARECIBO CAMPUS	PR	9	6
INTER AMERICAN UNIVERSITY OF PUERTO RICO - BAYAMON CAMPUS	PR	6	6
INTER AMERICAN UNIVERSITY OF PUERTO RICO - FAJARDO CAMPUS	PR	2	2
INTER AMERICAN UNIVERSITY OF PUERTO RICO - GUAYAMA CAMPUS	PR	3	3
INTER AMERICAN UNIVERSITY OF PUERTO RICO - METROPOLITAN	PR	37	29
INTER AMERICAN UNIVERSITY OF PUERTO RICO - PONCE CAMPUS	PR	9	5
INTER AMERICAN UNIVERSITY OF PUERTO RICO - SAN GERMAN CAMPUS	PR	13	9
NATIONAL COLLEGE OF BUSINESS AND TECHNOLOGY - ARECIBO (NATIONAL UNIV C)	PR	3	3
PONCE HEALTH SCIENCES UNIVERSITY	PR	1	1
PONTIFICAL CATHOLIC UNIVERSITY OF PUERTO RICO - ARECIBO	PR	4	2
PONTIFICAL CATHOLIC UNIVERSITY OF PUERTO RICO - PONCE / MAIN CAMPUS	PR	38	29
UNIVERSIDAD ADVENTISTA DE LAS ANTILLAS	PR	1	1
UNIVERSIDAD ANA G. MÃNDEZ - RECINTO DE GURABO	PR	3	1
UNIVERSIDAD ANA G. MENDEZ	PR	2	2
UNIVERSIDAD DEL ESTE (UNIVERSIDAD ANA G. MÃNDEZ - RECINTO DE CAROLINA)	PR	6	4
UNIVERSIDAD DEL SAGRADO CORAZON	PR	4	3
UNIVERSIDAD METROPOLITANA (PUERTO RICO)	PR	1	0
UNIVERSIDAD POLITECNICA DE PUERTO RICO	PR	1	1
UNIVERSITY OF PUERTO RICO - AGUADILLA	PR	27	25
UNIVERSITY OF PUERTO RICO - ARECIBO	PR	23	20
UNIVERSITY OF PUERTO RICO - BAYAMON UNIVERSITY COLLEGE	PR	17	8
UNIVERSITY OF PUERTO RICO - CAROLINA UNIVERSITY COLLEGE	PR	3	2
UNIVERSITY OF PUERTO RICO - CAYEY	PR	23	19
UNIVERSITY OF PUERTO RICO - HUMACAO	PR	15	10
UNIVERSITY OF PUERTO RICO - MAYAGUEZ / RECINTO UNIVERSITARIO	PR	49	45
UNIVERSITY OF PUERTO RICO - MEDICAL SCIENCES	PR	1	0
UNIVERSITY OF PUERTO RICO - PONCE	PR	13	12
UNIVERSITY OF PUERTO RICO - RIO PIEDRAS CAMPUS	PR	29	25
UNIVERSITY OF THE SACRED HEART (PUERTO RICO)	PR	1	1
CONCORDIA UNIVERSITY - MONTREAL	QC	3	3
DAWSON COLLEGE	QC	2	2
JOHN ABBOTT COLLEGE	QC	2	1
MARIANOPOLIS COLLEGE	QC	1	1
MCGILL UNIVERSITY - MACDONALD COLLEGE	QC	1	1
MCGILL UNIVERSITY - MONTREAL	QC	6	5
UNIVERSITE DE LAVAL	QC	0	0
BROWN UNIVERSITY	RI	1	1
COMMUNITY COLLEGE OF RHODE ISLAND	RI	3	2
JOHNSON & WALES UNIVERSITY - PROVIDENCE, RI	RI	1	1
PROVIDENCE COLLEGE	RI	5	4
RHODE ISLAND COLLEGE	RI	2	2
ROGER WILLIAMS UNIVERSITY - BRISTOL	RI	2	1
SALVE REGINA UNIVERSITY	RI	3	3

UNIVERSITY OF RHODE ISLAND - KINGSTON	RI	7	7
ANDERSON UNIVERSITY (SC)	SC	1	1
BENEDICT COLLEGE	SC	2	2
BOB JONES UNIVERSITY	SC	1	0
CITADEL MILITARY COLLEGE OF SOUTH CAROLINA	SC	0	0
CLAFLIN UNIVERSITY	SC	2	1
CLEMSON UNIVERSITY	SC	19	18
COASTAL CAROLINA UNIVERSITY	SC	4	4
COLLEGE OF CHARLESTON	SC	4	3
CONVERSE COLLEGE	SC	2	2
FRANCIS MARION UNIVERSITY	SC	3	2
FURMAN UNIVERSITY	SC	1	1
GREENVILLE TECHNICAL COLLEGE	SC	3	2
HORRY-GEORGETOWN TECHNICAL COLLEGE	SC	1	0
LANDER UNIVERSITY	SC	4	2
MIDLANDS TECHNICAL COLLEGE	SC	10	7
MILLER-MOTTE TECHNICAL COLLEGE - CHARLESTON, SC	SC	0	0
NORTH GREENVILLE UNIVERSITY	SC	2	1
PIEDMONT TECHNICAL COLLEGE	SC	1	0
PRESBYTERIAN COLLEGE	SC	14	14
SOUTH CAROLINA STATE UNIVERSITY	SC	3	2
SOUTH UNIVERSITY - COLUMBIA	SC	1	0
SPARTANBURG COMMUNITY COLLEGE	SC	1	0
TRI-COUNTY TECHNICAL COLLEGE	SC	1	1
TRIDENT TECHNICAL COLLEGE - CHARLESTON	SC	4	3
UNIVERSITY OF SOUTH CAROLINA - AIKEN	SC	3	2
UNIVERSITY OF SOUTH CAROLINA - BEAUFORT	SC	5	5
UNIVERSITY OF SOUTH CAROLINA - COLUMBIA	SC	122	106
UNIVERSITY OF SOUTH CAROLINA - LANCASTER	SC	1	1
UNIVERSITY OF SOUTH CAROLINA - UNION	SC	1	1
UNIVERSITY OF SOUTH CAROLINA - UPSTATE	SC	2	2
WINTHROP UNIVERSITY	SC	7	5
YORK TECHNICAL COLLEGE	SC	2	2
BLACK HILLS STATE UNIVERSITY	SD	2	0
SOUTH DAKOTA STATE UNIVERSITY	SD	3	3
UNIVERSITY OF SOUTH DAKOTA - VERMILLION	SD	2	2
UNIVERSITY OF SASKATCHEWAN - SASKATOON	SK	1	0
AUSTIN PEAY STATE UNIVERSITY	TN	6	6
BELMONT UNIVERSITY	TN	14	14
CARSON-NEWMAN UNIVERSITY	TN	2	2
CHRISTIAN BROTHERS UNIVERSITY	TN	4	4
CLEVELAND STATE COMMUNITY COLLEGE	TN	1	1
COLUMBIA STATE COMMUNITY COLLEGE	TN	3	1
CUMBERLAND UNIVERSITY	TN	1	1
EAST TENNESSEE STATE UNIVERSITY	TN	17	15
FISK UNIVERSITY	TN	1	1
KING COLLEGE	TN	1	1
LANE COLLEGE	TN	2	1
LEE UNIVERSITY	TN	2	2
LEMOYNE-OWEN COLLEGE	TN	2	2

LINCOLN MEMORIAL UNIVERSITY	TN	1	1
LIPSCOMB UNIVERSITY	TN	7	7
MIDDLE TENNESSEE STATE UNIVERSITY	TN	23	21
MILLIGAN UNIVERSITY	TN	2	1
MOTLOW STATE COMMUNITY COLLEGE	TN	2	2
NASHVILLE STATE COMMUNITY COLLEGE	TN	4	2
NORTHEAST STATE TECHNICAL COMMUNITY COLLEGE	TN	2	2
PELLISSIPPI STATE TECHNICAL COMMUNITY COLLEGE	TN	1	0
RHODES COLLEGE	TN	2	2
SOUTH COLLEGE - KNOXVILLE	TN	25	21
SOUTHERN ADVENTIST UNIVERSITY	TN	1	1
TENNESSEE STATE UNIVERSITY	TN	8	6
TENNESSEE TECHNOLOGICAL UNIVERSITY	TN	7	7
TENNESSEE WESLEYAN COLLEGE	TN	2	2
TREVECCA NAZARENE UNIVERSITY	TN	2	2
TUSCULUM COLLEGE	TN	0	0
UNION UNIVERSITY	TN	7	7
UNIVERSITY OF MEMPHIS	TN	20	14
UNIVERSITY OF TENNESSEE - CHATTANOOGA	TN	8	7
UNIVERSITY OF TENNESSEE - KNOXVILLE	TN	30	25
UNIVERSITY OF TENNESSEE - MARTIN	TN	8	7
VANDERBILT UNIVERSITY	TN	4	4
VOLUNTEER STATE COMMUNITY COLLEGE	TN	3	1
WALTERS STATE COMMUNITY COLLEGE	TN	1	1
ABILENE CHRISTIAN UNIVERSITY	TX	3	3
AMARILLO COLLEGE	TX	5	5
ANGELINA COLLEGE	TX	1	0
ANGELO STATE UNIVERSITY	TX	2	1
AUSTIN COLLEGE	TX	3	3
AUSTIN COMMUNITY COLLEGE	TX	9	7
BAYLOR UNIVERSITY	TX	8	8
BLINN COLLEGE	TX	1	1
CISCO JUNIOR COLLEGE	TX	1	1
COASTAL BEND COLLEGE	TX	1	1
COLLIN COUNTY COMMUNITY COLLEGE	TX	16	10
DALLAS COLLEGE - CEDAR VALLEY CAMPUS	TX	2	2
DALLAS COLLEGE - EASTFIELD CAMPUS	TX	2	2
DALLAS COLLEGE - EL CENTRO CAMPUS	TX	1	1
DALLAS COLLEGE - MOUNTAIN VIEW CAMPUS	TX	2	1
DALLAS COLLEGE - NORTH LAKE CAMPUS	TX	6	5
DALLAS COLLEGE - RICHLAND CAMPUS	TX	11	8
DEL MAR COLLEGE	TX	3	2
EAST TEXAS BAPTIST UNIVERSITY	TX	1	1
EL PASO COMMUNITY COLLEGE	TX	4	2
HARDIN-SIMMONS UNIVERSITY	TX	1	1
HOUSTON BAPTIST UNIVERSITY	TX	3	3
HOUSTON COMMUNITY COLLEGE	TX	43	35
HUSTON-TILLOTSON UNIVERSITY	TX	2	2
JARVIS CHRISTIAN COLLEGE	TX	1	1
KILGORE COLLEGE	TX	2	2

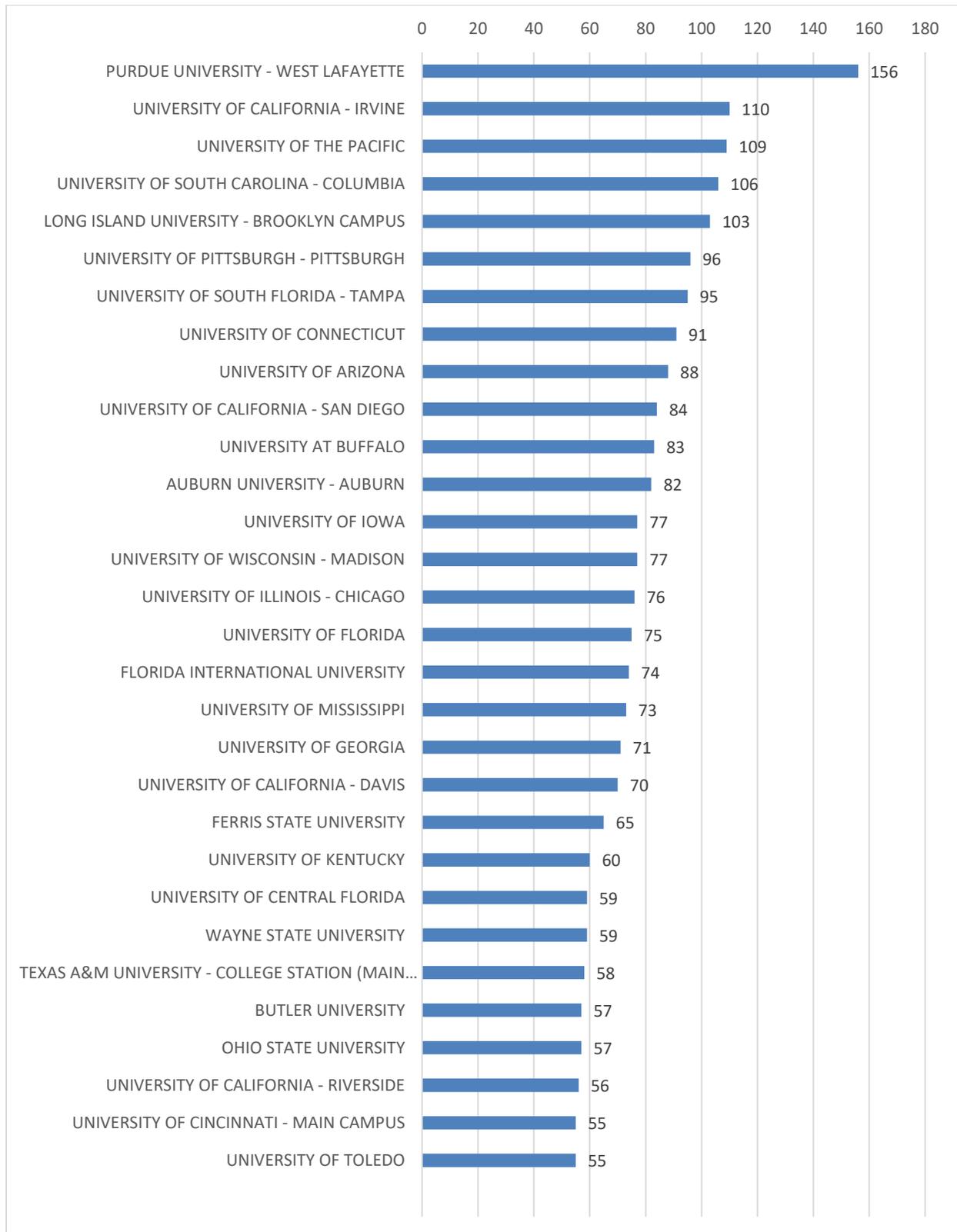
LAMAR UNIVERSITY	TX	1	0
LAREDO COMMUNITY COLLEGE	TX	1	1
LEE COLLEGE	TX	1	1
LONE STAR COLLEGE - CYFAIR	TX	6	4
LONE STAR COLLEGE - KINGWOOD	TX	1	1
LONE STAR COLLEGE - MONTGOMERY	TX	1	1
LONE STAR COLLEGE - NORTH HARRIS	TX	1	1
LONE STAR COLLEGE - UNIVERSITY PARK	TX	2	1
LUBBOCK CHRISTIAN UNIVERSITY	TX	1	1
MCMURRY UNIVERSITY	TX	1	0
MIDWESTERN STATE UNIVERSITY	TX	2	2
NORTH CENTRAL TEXAS COLLEGE	TX	1	1
NORTHEAST LAKEVIEW COLLEGE	TX	2	2
NORTHWEST VISTA COLLEGE - MAIN CAMPUS	TX	3	3
NORTHWEST VISTA COLLEGE - SAN ANTONIO	TX	9	9
ODESSA COLLEGE	TX	2	2
OUR LADY OF THE LAKE UNIVERSITY	TX	3	3
PALO ALTO COLLEGE	TX	2	1
PAUL QUINN COLLEGE	TX	1	1
PRAIRIE VIEW A&M UNIVERSITY	TX	13	11
RANGER COLLEGE	TX	1	1
RICE UNIVERSITY	TX	1	1
SAINT EDWARD'S UNIVERSITY	TX	2	2
SAINT PHILIP'S COLLEGE	TX	7	4
SAM HOUSTON STATE UNIVERSITY	TX	3	2
SAN ANTONIO COLLEGE	TX	7	6
SAN JACINTO COLLEGE	TX	7	6
SCHREINER UNIVERSITY	TX	1	1
SOUTH PLAINS COLLEGE	TX	2	1
SOUTH TEXAS COLLEGE	TX	9	8
SOUTHERN METHODIST UNIVERSITY	TX	1	1
SOUTHWESTERN ADVENTIST UNIVERSITY	TX	1	1
SOUTHWESTERN UNIVERSITY	TX	2	2
ST. MARY'S UNIVERSITY	TX	5	5
STEPHEN F. AUSTIN STATE UNIVERSITY	TX	7	2
TARLETON STATE UNIVERSITY	TX	5	3
TARRANT COUNTY COLLEGE - NORTHEAST	TX	6	5
TARRANT COUNTY COLLEGE - NORTHWEST	TX	1	1
TARRANT COUNTY COLLEGE - SOUTH	TX	2	1
TARRANT COUNTY COLLEGE - SOUTHEAST	TX	6	4
TARRANT COUNTY COLLEGE - TRINITY RIVER	TX	1	1
TARRANT COUNTY COLLEGE - TRINITY RIVER EAST	TX	1	1
TEXAS A&M INTERNATIONAL UNIVERSITY	TX	5	4
TEXAS A&M UNIVERSITY - COLLEGE STATION (MAIN CAMPUS)	TX	60	58
TEXAS A&M UNIVERSITY - COMMERCE	TX	3	3
TEXAS A&M UNIVERSITY - CORPUS CHRISTI	TX	9	7
TEXAS A&M UNIVERSITY - KINGSVILLE	TX	29	26
TEXAS A&M UNIVERSITY - SAN ANTONIO	TX	1	1
TEXAS A&M UNIVERSITY - TEXARKANA	TX	1	1
TEXAS CHRISTIAN UNIVERSITY	TX	1	1

TEXAS LUTHERAN UNIVERSITY	TX	2	2
TEXAS SOUTHERN UNIVERSITY	TX	48	39
TEXAS SOUTHMOST COLLEGE	TX	1	1
TEXAS STATE TECHNICAL COLLEGE - WACO	TX	1	1
TEXAS STATE UNIVERSITY - SAN MARCOS	TX	12	12
TEXAS TECH UNIVERSITY	TX	45	38
TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	1	1
TEXAS WESLEYAN UNIVERSITY	TX	1	1
TEXAS WOMAN'S UNIVERSITY	TX	3	2
TRINITY UNIVERSITY (TX)	TX	2	2
TRINITY VALLEY COMMUNITY COLLEGE	TX	1	1
TYLER JUNIOR COLLEGE	TX	3	2
UNIVERSITY OF HOUSTON - CLEAR LAKE	TX	2	2
UNIVERSITY OF HOUSTON - DOWNTOWN	TX	13	11
UNIVERSITY OF HOUSTON - UNIVERSITY PARK	TX	59	48
UNIVERSITY OF HOUSTON - VICTORIA	TX	2	2
UNIVERSITY OF MARY HARDIN-BAYLOR	TX	1	1
UNIVERSITY OF NORTH TEXAS	TX	28	21
UNIVERSITY OF NORTH TEXAS HEALTH SCIENCE CENTER - FORT WORTH	TX	1	1
UNIVERSITY OF SAINT THOMAS (TX)	TX	3	3
UNIVERSITY OF TEXAS - ARLINGTON	TX	19	15
UNIVERSITY OF TEXAS - AUSTIN	TX	54	50
UNIVERSITY OF TEXAS - DALLAS	TX	22	16
UNIVERSITY OF TEXAS - EL PASO	TX	55	45
UNIVERSITY OF TEXAS - PAN AMERICAN	TX	2	2
UNIVERSITY OF TEXAS - SAN ANTONIO	TX	42	31
UNIVERSITY OF TEXAS - TYLER	TX	6	5
UNIVERSITY OF TEXAS MD ANDERSON CANCER CENTER	TX	1	1
UNIVERSITY OF TEXAS MEDICAL BRANCH - GALVESTON	TX	1	1
UNIVERSITY OF TEXAS OF THE PERMIAN BASIN	TX	5	5
UNIVERSITY OF TEXAS RIO GRANDE VALLEY	TX	32	29
UNIVERSITY OF THE INCARNATE WORD	TX	35	28
VICTORIA COLLEGE - TX	TX	1	1
WEST TEXAS A&M UNIVERSITY	TX	4	4
WHARTON COUNTY JUNIOR COLLEGE	TX	1	1
WILEY COLLEGE	TX	1	0
BRIGHAM YOUNG UNIVERSITY	UT	20	19
DIXIE STATE UNIVERSITY OF UTAH	UT	5	5
SALT LAKE COMMUNITY COLLEGE	UT	17	15
SOUTHERN UTAH UNIVERSITY	UT	4	4
UNIVERSITY OF UTAH	UT	19	18
UTAH STATE UNIVERSITY	UT	9	8
UTAH VALLEY UNIVERSITY	UT	11	10
WEBER STATE UNIVERSITY	UT	9	8
WESTERN GOVERNORS UNIVERSITY	UT	2	1
WESTMINSTER COLLEGE (UT)	UT	1	1
APPALACHIAN COLLEGE OF PHARMACY	VA	1	1
BLUE RIDGE COMMUNITY COLLEGE - WEYERS CAVE	VA	1	1
BRIDGEWATER COLLEGE	VA	2	2
CENTRAL VIRGINIA COMMUNITY COLLEGE	VA	2	2

CHRISTOPHER NEWPORT UNIVERSITY	VA	5	4
COLLEGE OF WILLIAM AND MARY	VA	7	7
EMORY AND HENRY COLLEGE	VA	1	1
FERRUM COLLEGE	VA	2	2
GEORGE MASON UNIVERSITY	VA	24	20
HAMPDEN-SYDNEY COLLEGE	VA	1	1
HAMPTON UNIVERSITY	VA	7	5
J. SARGEANT REYNOLDS COMMUNITY COLLEGE	VA	3	3
JAMES MADISON UNIVERSITY	VA	6	6
JOHN TYLER COMMUNITY COLLEGE	VA	2	1
LIBERTY UNIVERSITY	VA	3	3
LONGWOOD UNIVERSITY	VA	1	1
MARYMOUNT UNIVERSITY	VA	0	0
MOUNTAIN EMPIRE COMMUNITY COLLEGE	VA	1	1
NEW RIVER COMMUNITY COLLEGE	VA	1	1
NORFOLK STATE UNIVERSITY	VA	1	1
NORTHERN VIRGINIA COMMUNITY COLLEGE	VA	14	12
OLD DOMINION UNIVERSITY	VA	10	9
RADFORD UNIVERSITY	VA	1	1
RANDOLPH COLLEGE	VA	1	1
RANDOLPH-MACON COLLEGE	VA	1	1
SHENANDOAH UNIVERSITY	VA	6	5
SOUTHWEST VIRGINIA COMMUNITY COLLEGE	VA	9	8
STRATFORD UNIVERSITY	VA	1	0
THOMAS NELSON COMMUNITY COLLEGE	VA	2	2
TIDEWATER COMMUNITY COLLEGE	VA	2	2
UNIVERSITY OF MARY WASHINGTON	VA	1	1
UNIVERSITY OF RICHMOND	VA	2	2
UNIVERSITY OF VIRGINIA - CHARLOTTESVILLE	VA	9	8
UNIVERSITY OF VIRGINIA'S COLLEGE AT WISE	VA	2	1
VIRGINIA COMMONWEALTH UNIVERSITY	VA	45	38
VIRGINIA INTERMONT COLLEGE	VA	1	1
VIRGINIA MILITARY INSTITUTE	VA	1	0
VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	VA	20	20
VIRGINIA WESLEYAN COLLEGE	VA	1	1
VIRGINIA WESTERN COMMUNITY COLLEGE	VA	0	0
WASHINGTON AND LEE UNIVERSITY	VA	1	1
CASTLETON STATE COLLEGE	VT	1	1
MIDDLEBURY COLLEGE	VT	1	1
SAINT MICHAEL'S COLLEGE	VT	3	3
UNIVERSITY OF VERMONT	VT	2	2
BELLEVUE COLLEGE	WA	5	5
CASCADIA COMMUNITY COLLEGE	WA	1	1
CENTRAL WASHINGTON UNIVERSITY	WA	3	3
CLARK COLLEGE	WA	2	2
CLOVER PARK TECHNICAL COLLEGE	WA	1	1
EASTERN WASHINGTON UNIVERSITY	WA	11	9
EDMONDS COMMUNITY COLLEGE	WA	1	1
EVERETT COMMUNITY COLLEGE	WA	2	2
GONZAGA UNIVERSITY	WA	2	2

GREEN RIVER COMMUNITY COLLEGE	WA	5	4
HIGHLINE COMMUNITY COLLEGE	WA	1	1
NORTH SEATTLE COMMUNITY COLLEGE	WA	0	0
NORTHWEST UNIVERSITY	WA	1	1
OLYMPIC COLLEGE	WA	2	2
PACIFIC LUTHERAN UNIVERSITY	WA	1	1
SAINT MARTIN'S UNIVERSITY	WA	0	0
SEATTLE PACIFIC UNIVERSITY	WA	1	0
SEATTLE UNIVERSITY	WA	1	1
SHORELINE COMMUNITY COLLEGE	WA	1	1
SKAGIT VALLEY COLLEGE	WA	1	1
SOUTH SEATTLE COMMUNITY COLLEGE	WA	3	3
SPOKANE COMMUNITY COLLEGE	WA	4	2
SPOKANE FALLS COMMUNITY COLLEGE	WA	1	1
TACOMA COMMUNITY COLLEGE	WA	1	1
UNIVERSITY OF PUGET SOUND	WA	1	1
UNIVERSITY OF WASHINGTON - BOTHELL CAMPUS/SEATTLE CAMPUS/TACOMA	WA	55	54
WALLA WALLA UNIVERSITY	WA	2	2
WASHINGTON STATE UNIVERSITY - PULLMAN/SPOKANE/TRI CITIES/VANCOUVER	WA	43	36
WENATCHEE VALLEY COLLEGE	WA	0	0
WESTERN WASHINGTON UNIVERSITY	WA	5	4
WHITMAN COLLEGE	WA	1	1
WHITWORTH UNIVERSITY	WA	2	2
ALVERNO COLLEGE	WI	4	4
BELOIT COLLEGE	WI	1	1
CARDINAL STRITCH UNIVERSITY	WI	1	1
CARROLL UNIVERSITY - WAUKESHA	WI	2	2
CARTHAGE COLLEGE	WI	3	3
CONCORDIA UNIVERSITY - WISCONSIN	WI	23	22
EDGEWOOD COLLEGE	WI	3	3
HERZING UNIVERSITY - KENOSHA, WI	WI	1	0
MADISON AREA TECHNICAL COLLEGE	WI	1	1
MARQUETTE UNIVERSITY	WI	11	11
MILWAUKEE AREA TECHNICAL COLLEGE	WI	1	0
MOUNT MARY UNIVERSITY	WI	1	1
RIPON COLLEGE	WI	2	2
SAINT NORBERT COLLEGE	WI	7	7
UNIVERSITY OF WISCONSIN - EAU CLAIRE	WI	7	7
UNIVERSITY OF WISCONSIN - FOX VALLEY	WI	1	1
UNIVERSITY OF WISCONSIN - GREEN BAY	WI	7	6
UNIVERSITY OF WISCONSIN - LA CROSSE	WI	18	18
UNIVERSITY OF WISCONSIN - MADISON	WI	90	77
UNIVERSITY OF WISCONSIN - MILWAUKEE	WI	17	15
UNIVERSITY OF WISCONSIN - OSHKOSH	WI	5	3
UNIVERSITY OF WISCONSIN - PARKSIDE	WI	6	5
UNIVERSITY OF WISCONSIN - RIVER FALLS	WI	5	4
UNIVERSITY OF WISCONSIN - SHEBOYGAN COUNTY	WI	1	0
UNIVERSITY OF WISCONSIN - STEVENS POINT	WI	5	4
UNIVERSITY OF WISCONSIN - STOUT	WI	1	1
UNIVERSITY OF WISCONSIN - WHITEWATER	WI	3	3

VITERBO UNIVERSITY	WI	1	1
WISCONSIN LUTHERAN COLLEGE	WI	4	4
ALDERSON-BROADDUS COLLEGE	WV	0	0
BLUEFIELD STATE COLLEGE	WV	4	4
CONCORD UNIVERSITY	WV	5	5
FAIRMONT STATE UNIVERSITY	WV	3	3
GLENVILLE STATE COLLEGE	WV	2	2
MARSHALL UNIVERSITY	WV	12	10
POTOMAC STATE COLLEGE OF WEST VIRGINIA UNIVERSITY	WV	2	2
SHEPHERD UNIVERSITY	WV	3	3
UNIVERSITY OF CHARLESTON	WV	13	12
WEST LIBERTY UNIVERSITY	WV	2	2
WEST VIRGINIA STATE UNIVERSITY	WV	3	3
WEST VIRGINIA UNIVERSITY - MORGANTOWN	WV	32	32
WEST VIRGINIA UNIVERSITY INSTITUTE OF TECHNOLOGY	WV	2	2
WEST VIRGINIA WESLEYAN COLLEGE	WV	2	2
NORTHERN WYOMING COMMUNITY COLLEGE - SHERIDAN/GILLETTE/JOHNSON	WY	0	0
UNIVERSITY OF WYOMING	WY	24	21
WESTERN WYOMING COMMUNITY COLLEGE	WY	1	0
NON-US/CANADIAN (FOREIGN) INSTITUTION		62	39
NOT LISTED CANADIAN INSTITUTION		2	1
NOT LISTED US INSTITUTION		23	13

Figure 49: Top Primary Institutions Attended by Accepted PharmCAS Applicants

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.

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 and 2021-2022 cycles. AACP could support a maximum of 571 eligible applicants in the 2020-2021 and 2021-2022 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 of \$55 for each. 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.
- **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	80	400	56	536

Figure 51: PharmCAS Fee Waiver Summary by Cycle (2020-2022)

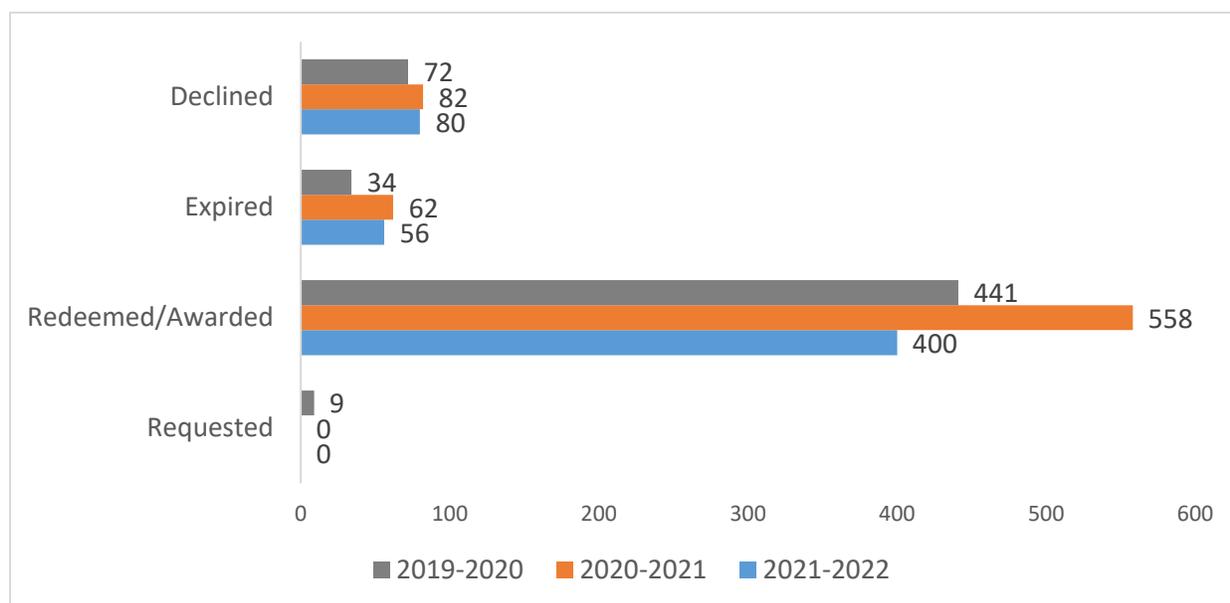
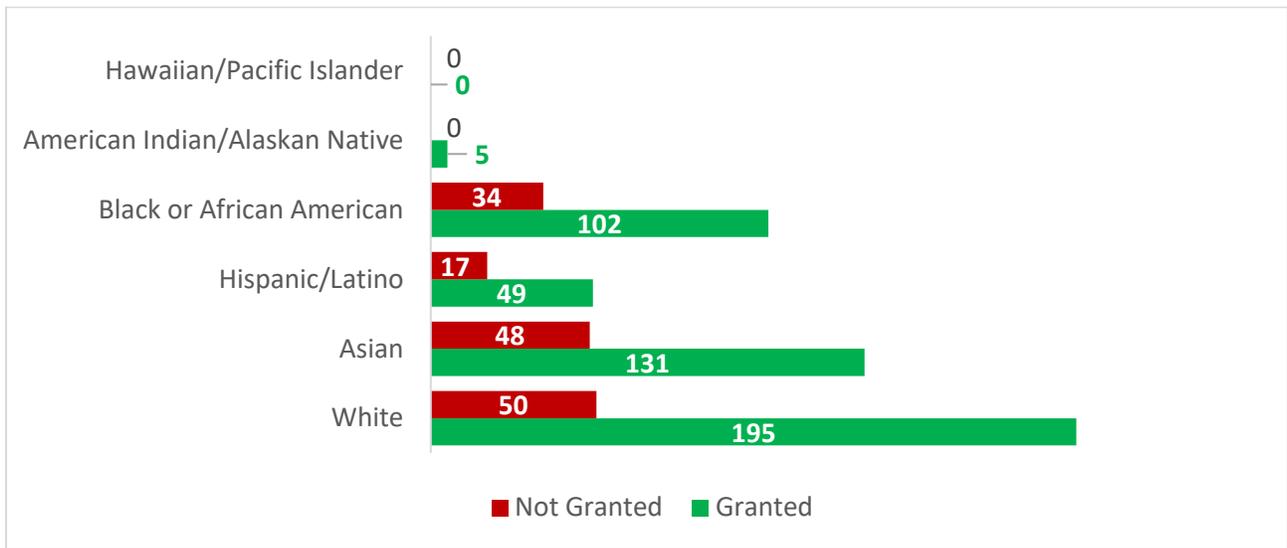
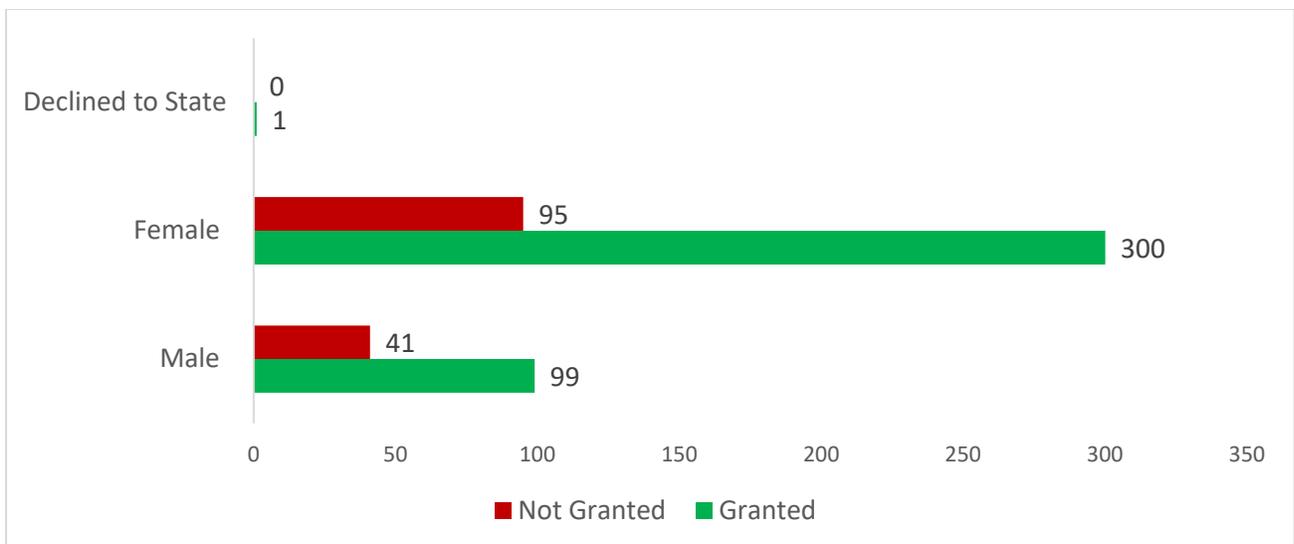


Figure 52: PharmCAS Fee Waiver Status by Race and Ethnicity Designations

**PharmCAS applicants were able to select one or more racial and ethnicity categories. Applicants with more than one race/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	91	15	256	38
Not Granted	32	5	74	25
TOTAL	123	20	330	63

**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.*

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	408.72	410.95
Biological Processes Percentile	49.88	52.75
Chemical Processes	411.18	413.52
Chemical Processes Percentile	50.95	53.68
Quantitative Reasoning	405.93	408.19
Quantitative Reasoning Percentile	55.31	58.59
Composite Score	405.4	407.68
Composite Score Percentile	51.7	55.14
Writing	2.91	2.91

Figure 56: PCAT Composite Percentiles for Accepted PharmCAS Applicants (2014-2022)

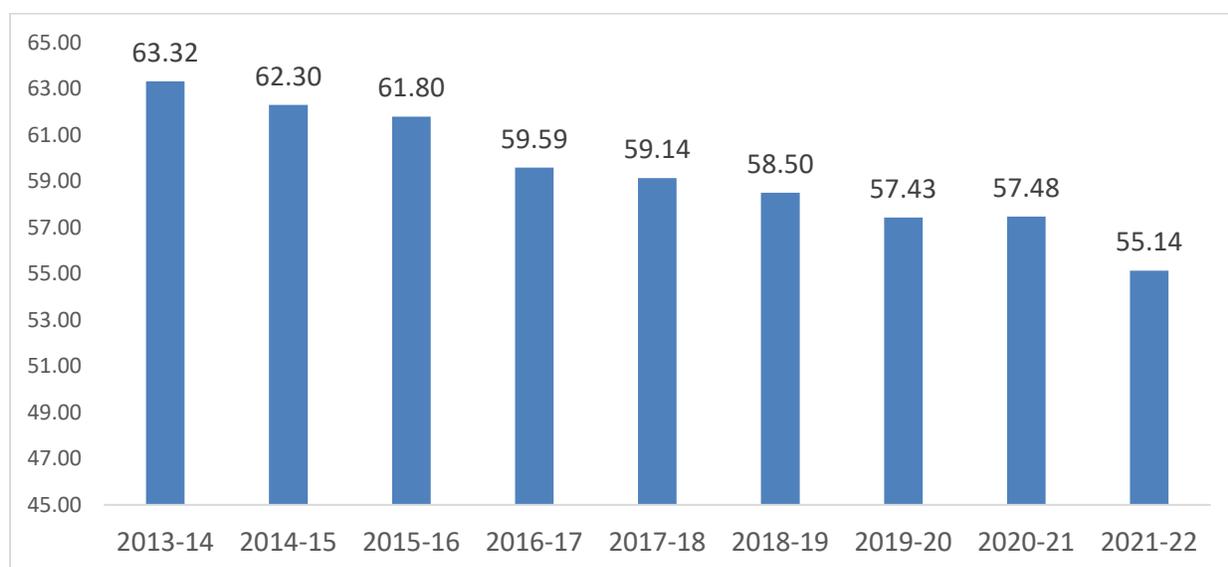


Figure 57: PCAT Test Takers by Cycle (2004-2022)

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

Figure 58: Pharmacy Schools with PCAT Requirement (2008-2022)

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%

* 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.

REGIONAL

Figure 59: PharmCAS Submitted Applicants by Program Type and District (20-21 vs 21-22)

2020-21 & 2021-22	Mean # of Submitted Applicants Per Program		% Change in Submitted Applicants per Program		% of Programs with Increase	% of Programs with Decrease	% of Programs with No Change	Median # of Submitted Applicants Per Program		Range in # of Submitted Applicants Per Program		Total # of Apps
	2021	2022	Mean	Range				2021	2022	2021	2022	
	All	269.0	246.5	-8.4%	-57% to 100%	29.7%	69.6%	0.7%	241	221	18 to 811	36 to 718
Public	271.7	255.0	-6.2%	-45% to +37%	34.3%	65.7%	0.0%	238	220	67 to 695	55 to 640	17082
Private	266.5	238.6	-10.5%	-57% to +100%	25.4%	73.2%	1.4%	251	227	18 to 811	36 to 718	16938
Districts 1 & 2	261.1	232.9	-10.8%	-36% to +100%	26.5%	73.5%	0.0%	249	208	18 to 747	36 to 583	7918
District 3	290.0	265.3	-8.5%	-41% to +17%	33.3%	66.7%	0.0%	240	221	94 to 811	61 to 718	7960
District 4	255.6	246.3	-3.7%	-57% to +49%	40.9%	59.1%	0.0%	223	235	84 to 598	42 to 556	5418
Districts 5, 6, 7	233.7	217.5	-7.0%	-32% to +26%	26.7%	70.0%	3.3%	187	175	67 to 561	67 to 520	6524
District 8	314.1	281.8	-10.3%	-36% to +16%	22.7%	77.3%	0.0%	308	280	92 to 571	59 to 515	6200

Percentages reflect **Submitted** application data for the 2021-2022 cycle for pharmacy schools that participated in PharmCAS during both cycles. Programs new to PharmCAS in 2020-2021 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 2022 entering class will be available in summer 2023.

Data for the 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* (2018-2022)

	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	N/A

Table reflects both PharmCAS and non-PharmCAS schools. Seats filled data for the 2022 entering class will be available by summer 2023.

Figure 61: P1 Pharm.D. Seats Available per Entering Class - ALL Institutions* (2018-2022)

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

Table reflects both PharmCAS and non-PharmCAS schools. Seats filled data for the 2022 entering class will be available by summer 2023.

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	15,934	17,050	15,192	15,866	1.09	1.05
2018-2019 Cycle for 2019 Entering Class	15,512	16,893	14,466	15,335	1.08	0.99
2019-2020 Cycle for 2020 Entering Class	14,464	16,443	13,420	13,988	1.05	0.92
2020-2021 Cycle for 2021 Entering Class	14,273	16,476	12,580	13,324	1.00	0.86
2021-2022 Cycle for 2022 Entering Class	13,674	16,261	N/A	11,219	0.89	0.74

Only schools that participated in PharmCAS during each cycle are reflected in this table. Seats filled data for the 2022 entering class will be available by summer 2023.