

# **2017-2018**

# **PharmCAS Applicant Data Report**

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**2017-2018 Admissions Cycle  
for the 2018 Entering Class**



## CONTENTS

<b>Institutions Participating in PharmCAS: 2017-2018</b>	<b>4</b>
<b>Overall Applicant and Application Trends</b>	<b>6</b>
Figure 1: PharmCAS Participation, Applicant, and Application Trends (2004-2018)	6
Figure 2: Number of Schools Participating in PharmCAS (2004-2018)	7
Figure 3: PharmCAS Applications per Applicant Ratio (2004-2018)	7
Figure 3: Total Number of PharmCAS Applications (2004-2018)	8
Figure 4: Total Number of PharmCAS Applicants (2004-2018)	8
Figure 5: PharmCAS Applications per School (2004-2018)	9
Figure 6: Mean Number of PharmCAS Applications per School (2004-2018)	9
Figure 7: PharmCAS Early Decision Applicants and Schools (2013-2018)	10
Figure 8: PharmCAS Accepted Applicants (2004-2018)	10
<b>Age and Sex</b>	<b>11</b>
Figure 9: PharmCAS Applicants by Age and Sex	11
Figure 10: Accepted PharmCAS Applicants by Age and Sex	11
Figure 11: Percentage of PharmCAS Applicants by Age and Sex	12
Figure 12: Percentage of Accepted PharmCAS Applicants by Age and Sex	12
Figure 13: Percentage of PharmCAS Applicants by Sex and Acceptance Status	13
Figure 14: PharmCAS Applicants by Sex per Cycle (2004-2018)	14
Figure 15: Percentage of PharmCAS Applicants by Sex per Cycle (2004-2018)	14
Figure 16: Accepted PharmCAS Applicants by Sex per Cycle (2004-2018)	15
Figure 17: Percentage of Accepted PharmCAS Applicants by Sex per Cycle (2004-2018)	15
<b>Race/Ethnicity</b>	<b>16</b>
Figure 18: PharmCAS Applicants by Race/Ethnicity and Sex	16
Figure 19: Accepted PharmCAS Applicants by Race/Ethnicity and Sex	17
Figure 20: PharmCAS Applicants by Race/Ethnicity and Acceptance Status	17
Figure 21: Percentage of MALE PharmCAS Applicants by Race and Acceptance Status	18
Figure 22: Percentage of FEMALE PharmCAS Applicants by Race and Acceptance Status	18
Figure 23: PharmCAS Applicants by All Race and Ethnicity Designations	19
Figure 24: Percentage of PharmCAS Applicants by Race Designations and Acceptance Status	19
Figure 24: PharmCAS Applicants by Race/Ethnicity per Cycle (2004-2018)	20
Figure 25: Percentage of PharmCAS Applicants by Race/Ethnicity per Cycle (2004-2018)	20
<b>Disadvantaged Status</b>	<b>21</b>
Figure 26: Economically Disadvantaged Applicants	21
Figure 27: Environmentally Disadvantaged Applicants	21
<b>Citizenship</b>	<b>22</b>
Figure 28: PharmCAS Applicants by Citizenship Status	22
Figure 29: Percentage of PharmCAS Applicants by Citizenship Status	22
Figure 30: Percentage of Accepted PharmCAS Applicants by Citizenship Status	22
<b>Permanent State of Residency</b>	<b>23</b>
Figure 31: PharmCAS Applicants by Permanent State of Residency and Acceptance Status	23
Figure 32: Permanent State of Residency of PharmCAS Applicants Sorted by Volume	25
<b>Grade Point Averages (GPAs)</b>	<b>27</b>
Figure 33: PharmCAS GPAs by Sex and Acceptance Status	27
Figure 34: Mean Undergraduate Cumulative GPA for PharmCAS Applicants	28
Figure 35: Mean Overall Undergraduate Science GPA for PharmCAS Applicants	28
Figure 36: Undergraduate GPAs for Accepted PharmCAS Applicants by Cycle (2004-2018)	29
Figure 37: Science & Overall GPAs for Accepted PharmCAS Applicants by Cycle (2004-2018)	29

<b>Degrees Earned.....</b>	<b>30</b>
Figure 38: Degrees Earned by PharmCAS Applicants.....	30
<b>College Majors.....</b>	<b>34</b>
Figure 39: College Majors for PharmCAS Applicants .....	34
Figure 40: Most Identified College Majors for Accepted PharmCAS Applicants .....	40
<b>Primary Institutions Attended .....</b>	<b>41</b>
Figure 41: Primary Institutions Attended for PharmCAS Applicants .....	41
Figure 42: Top Primary Institutions Attended by Accepted PharmCAS Applicants .....	77
<b>PharmCAS Fee Waivers.....</b>	<b>78</b>
Figure 43: PharmCAS Fee Waiver Summary .....	78
Figure 44: PharmCAS Fee Waiver Requests and Actions .....	78
Figure 45: PharmCAS Fee Waiver and Early Decision Status .....	78
Figure 46: PharmCAS Fee Waiver Status by Race and Ethnicity Designations.....	79
Figure 47: PharmCAS Fee Waiver Status by Sex .....	79
Figure 48: PharmCAS Fee Waiver Status by Disadvantaged Status .....	79
<b>Official PCAT Scores .....</b>	<b>80</b>
Figure 49: Mean Official PCAT Scores and Percentiles for PharmCAS Applicants .....	80
Figure 50: PCAT Composite Percentiles for Accepted PharmCAS Applicants (2014-2018) .....	80
Figure 51: PCAT Test Takers by Cycle (2004-2018) .....	81
Figure 52: Number of Schools with PCAT Requirement (2008-2018).....	81
<b>Regional.....</b>	<b>82</b>
Figure 53: PharmCAS Applications by School per Regional District (2016-17 vs 2017-18).....	82

## INSTITUTIONS PARTICIPATING IN PHARMCAS: 2017-2018

The 2017-2018 PharmCAS Applicant Data Report was developed by the American Association of Colleges of Pharmacy and reflects data for the 129 programs that participated in PharmCAS during its 15<sup>th</sup> admissions cycle. The additional programs that joined PharmCAS during the current cycle are not listed below or included in this report. For a current list of participating doctor of pharmacy (Pharm.D.) programs, visit the PharmCAS website at [www.pharmcas.org](http://www.pharmcas.org).

*\* Indicates the new institutions that joined PharmCAS during the 2017-2018 admissions cycle.*

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

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

## OVERALL APPLICANT AND APPLICATION TRENDS

The 2017-2018 PharmCAS Applicant Data Report reflects **15,886** applicants with verified application status who applied via the Pharmacy College Application Service (PharmCAS) during the 2017-2018 (15th) admissions cycle. Applicants with verified status submitted a total of **51,020** applications to **129** colleges and schools of pharmacy that participated in PharmCAS.

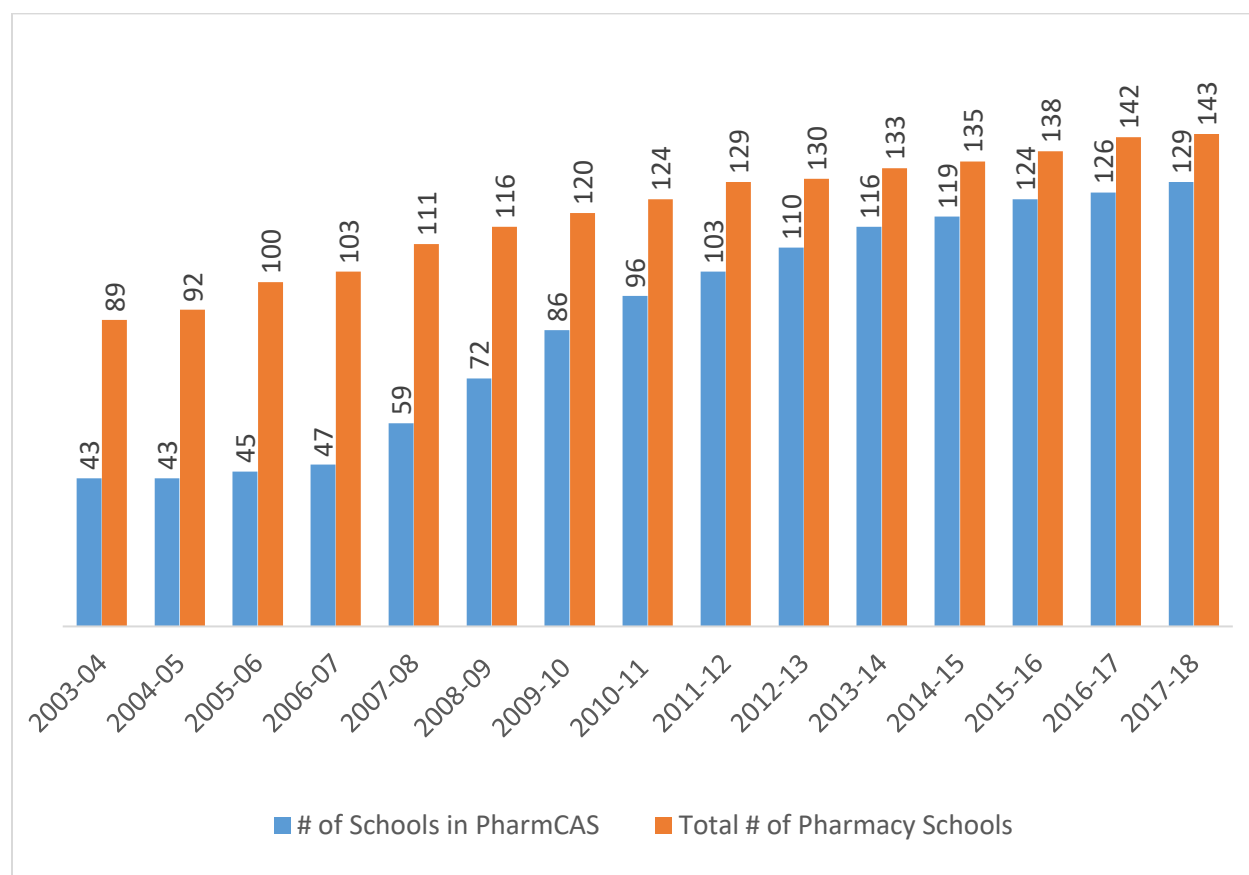
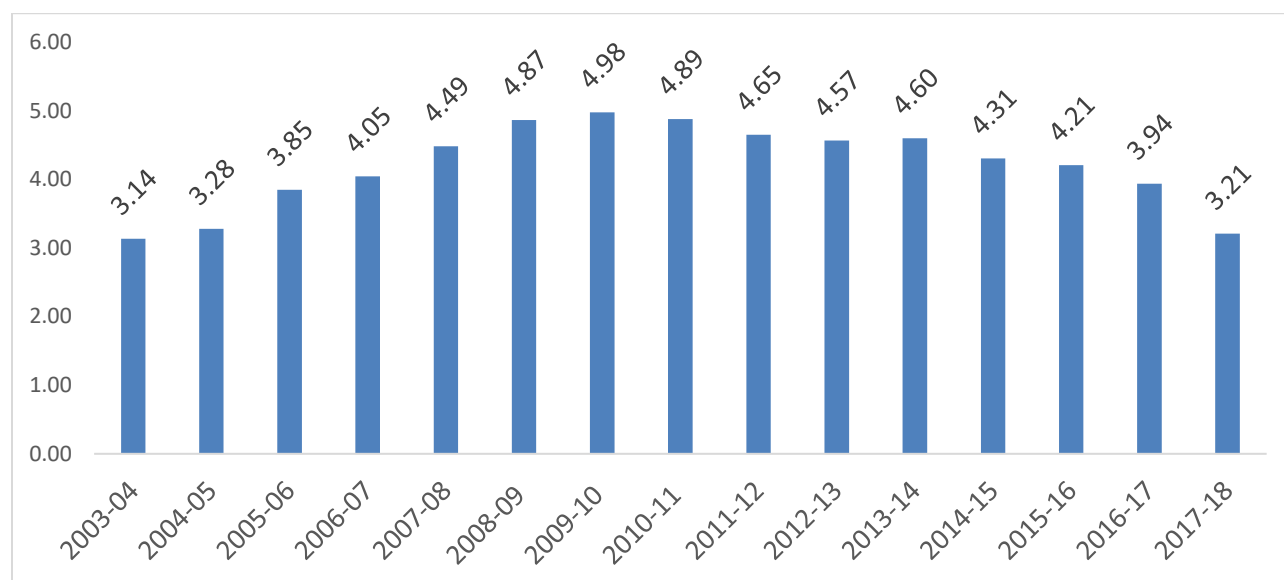
Participating colleges and schools of pharmacy submitted admission decisions for applicants in the 2017-2018 admissions cycle through September 30, 2018. PharmCAS applicants with verified status and the following admission decisions were categorized as “accepted” for the purposes of this report: Declined Offer, Deferred, Matriculated, Offer Accepted, Offer Made, and Withdrew After Matriculation.

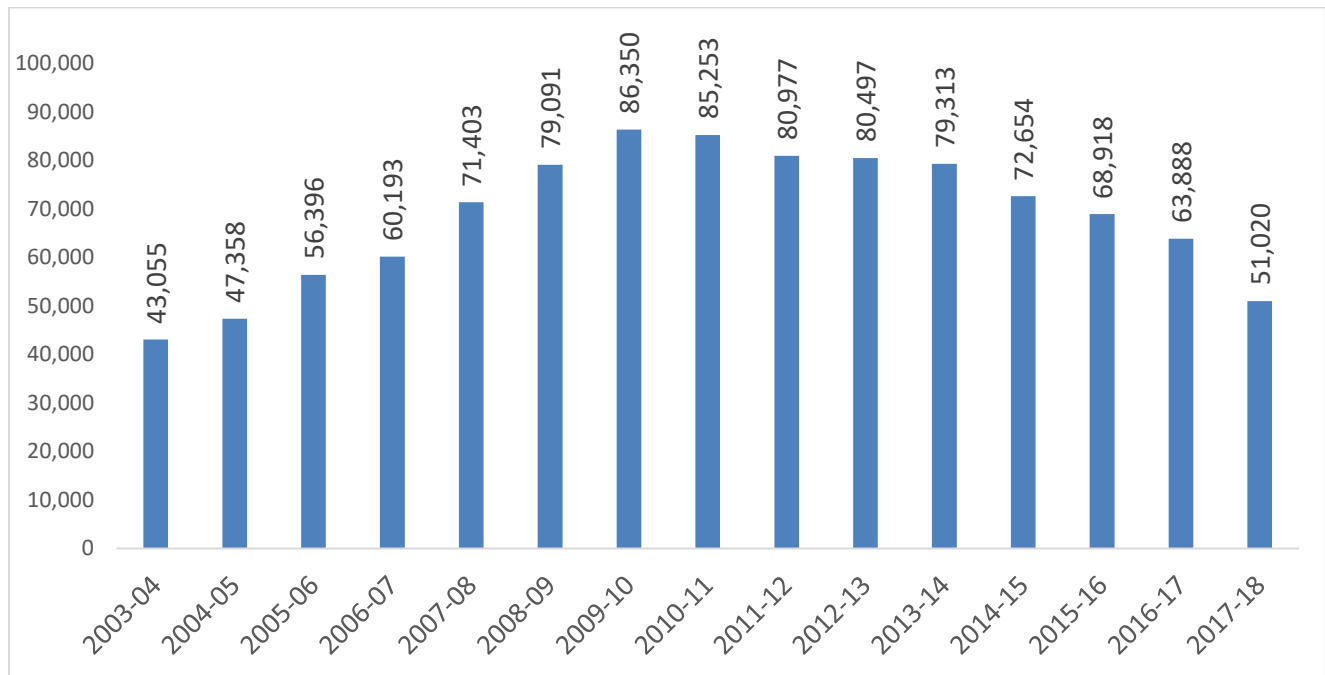
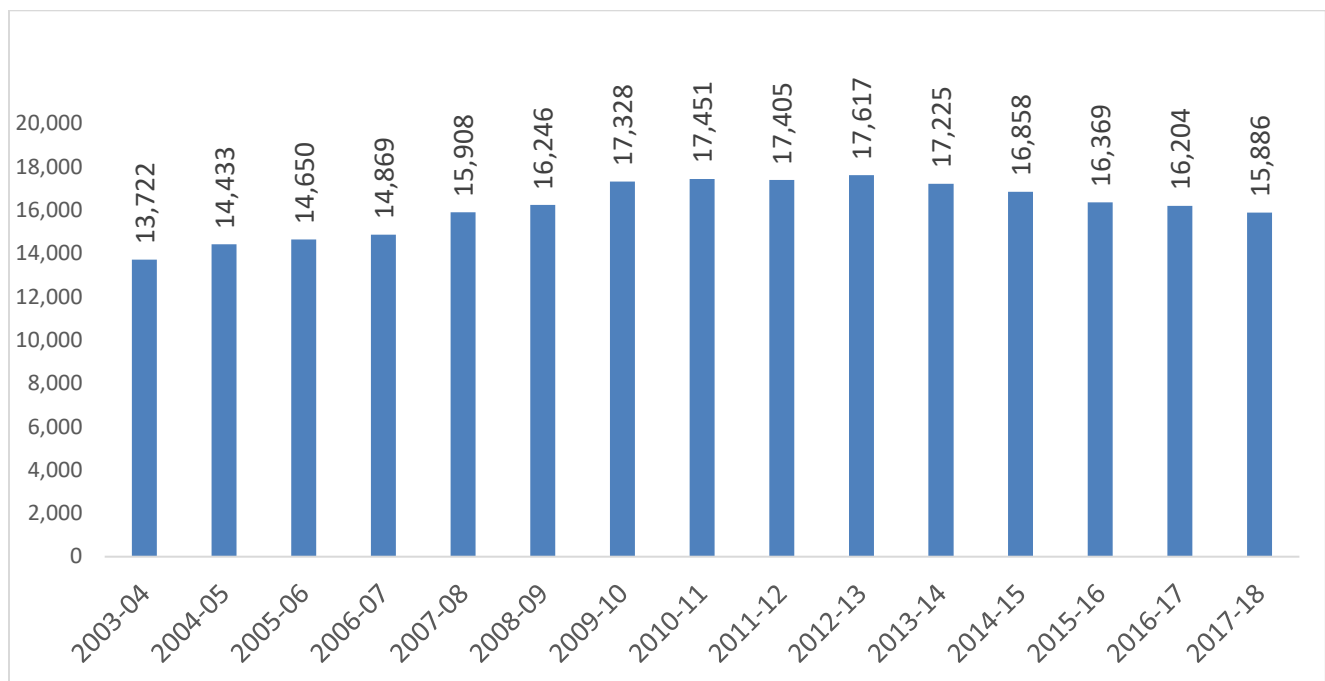
“Schools” in this report refers to the colleges and schools of pharmacy that participated in PharmCAS.

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 (2004-2018)**

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

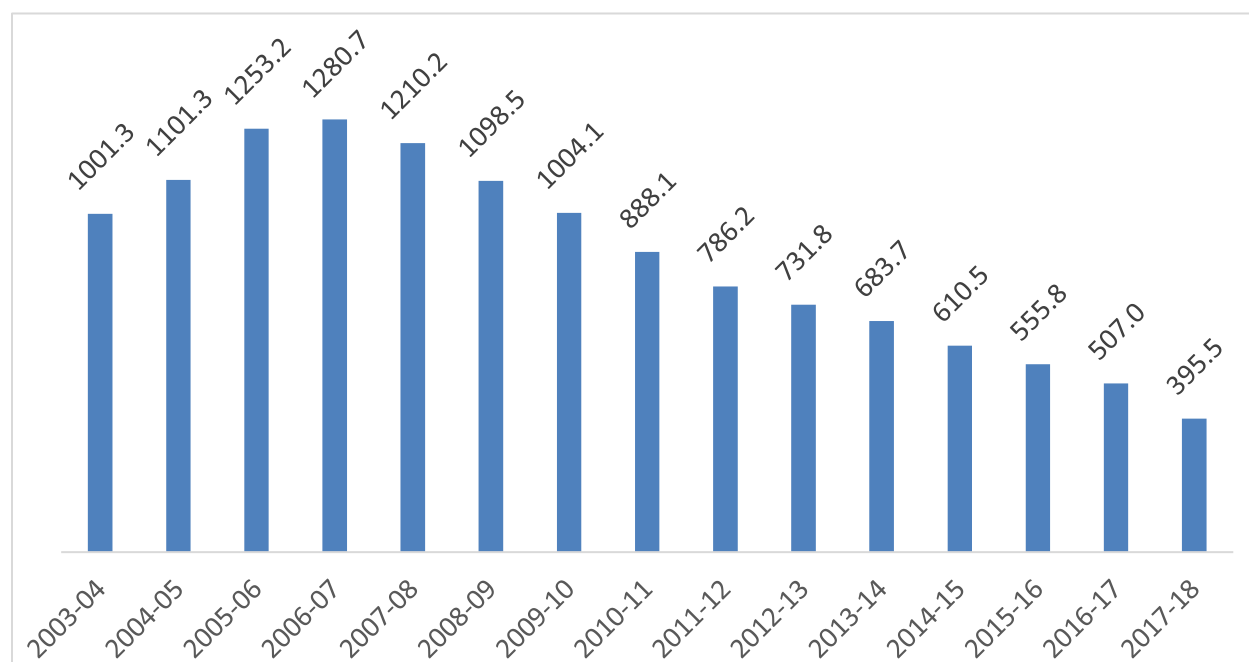
**Figure 2: Number of Schools Participating in PharmCAS (2004-2018)****Figure 3: PharmCAS Applications per Applicant Ratio (2004-2018)**

**Figure 3: Total Number of PharmCAS Applications (2004-2018)****Figure 4: Total Number of PharmCAS Applicants (2004-2018)**



**Figure 5: PharmCAS Applications per School (2004-2018)**

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	43055	1001.3	902	316 to 2022
2004-05	43	47358	1101.3	1059	220 to 2070
2005-06	45	56396	1253.2	1237	289 to 2251
2006-07	47	60193	1280.7	1142	148 to 3218
2007-08	59	71403	1210.2	1124	122 to 2608
2008-09	72	79091	1098.5	910	105 to 2507
2009-10	86	86350	1004.1	856	170 to 2543
2010-11	96	85253	888.1	772	137 to 2265
2011-12	103	80977	786.2	684	156 to 2003
2012-13	110	80497	731.8	681	135 to 1771
2013-14	116	79313	683.7	625	84 to 1667
2014-15	119	72654	610.5	563	103 to 1585
2015-16	124	68918	555.8	515	71 to 1152
2016-17	126	63888	507.0	448	88 to 1183
2017-18	129	51020	395.5	361	96 to 986

**Figure 6: Mean Number of PharmCAS Applications per School (2004-2018)**

**Figure 7: PharmCAS Early Decision Applicants and Schools (2013-2018)**

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	17225	3.0%
2013-14	42	658	16858	3.8%
2014-15	59	952	16369	5.6%
2015-16	84	1773	16176	10.6%
2016-17	101	2022	16369	12.5%
2017-18	111	2408	15886	15.2%

**Figure 8: PharmCAS Accepted Applicants (2004-2018)**

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 Not 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%

\*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

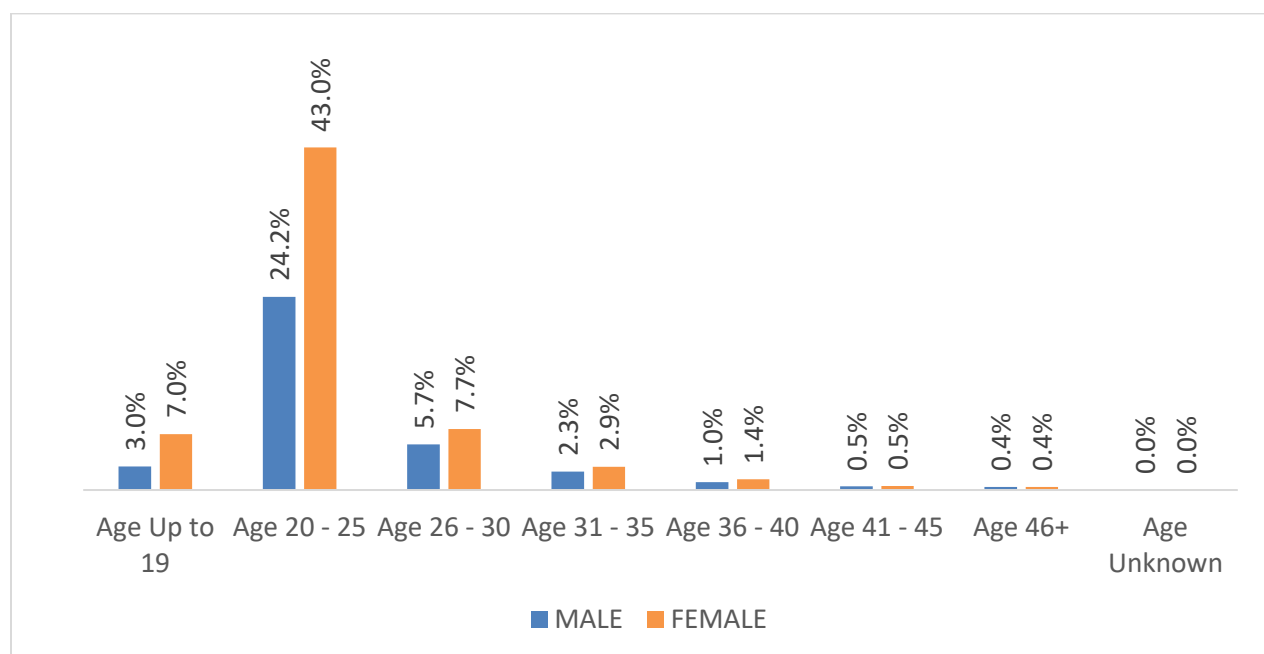
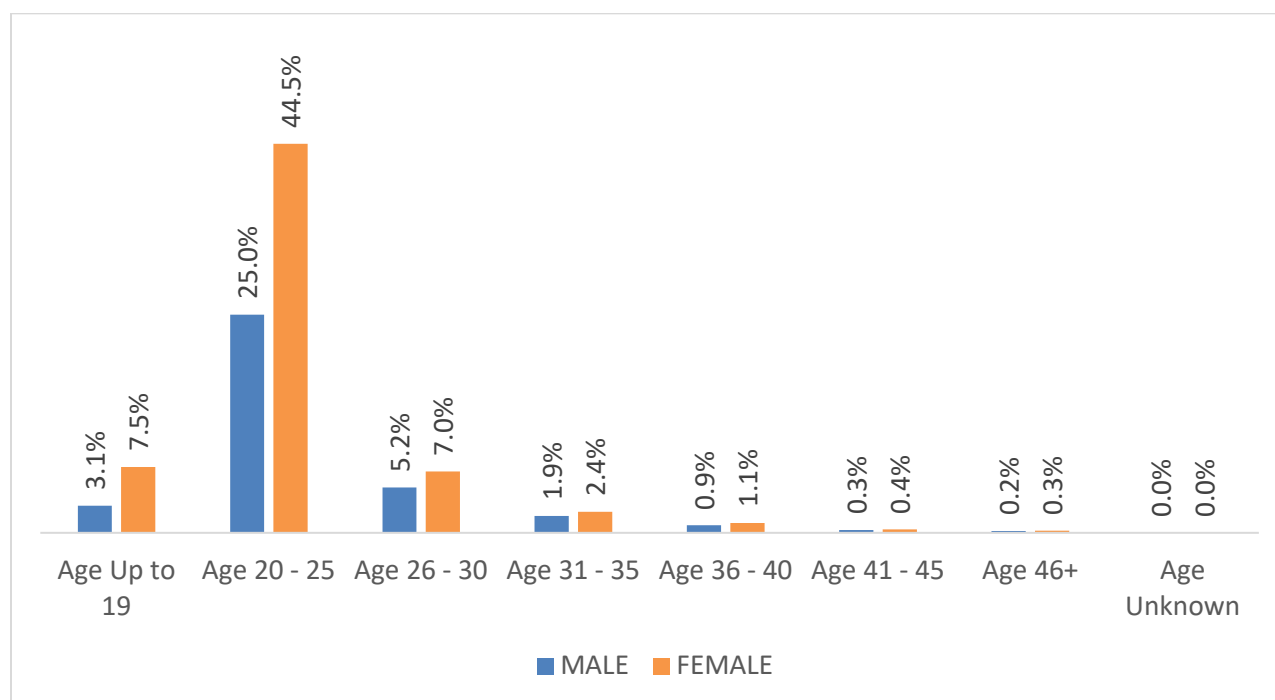
PharmCAS age data is based on the “age\_at\_submission” field in the PharmCAS application. PharmCAS cannot verify or edit the age or date of birth fields on behalf of applicants; therefore, some age data may be inaccurate. PharmCAS currently tracks the biological sex of applicants and not gender identity.

**Figure 9: PharmCAS Applicants by Age and Sex**

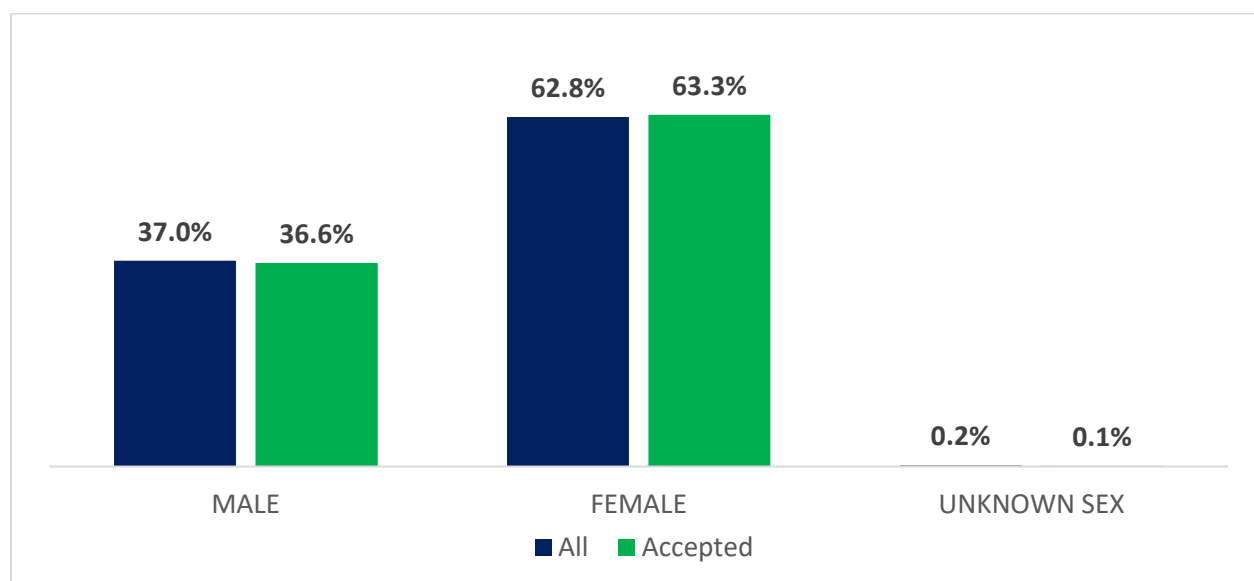
Age	MALE		FEMALE		DECLINE TO STATE		TOTAL	
	#	%	#	%	#	%	#	%
Age Up to 19	469	8.0%	1116	11.2%	1	4.3%	1586	10.0%
Age 20 - 25	3848	65.4%	6828	68.4%	16	69.6%	10692	67.3%
Age 26 - 30	909	15.5%	1218	12.2%	5	21.7%	2132	13.4%
Age 31 - 35	365	6.2%	462	4.6%	1	4.3%	828	5.2%
Age 36 - 40	154	2.6%	215	2.2%	0	0.0%	369	2.3%
Age 41 - 45	73	1.2%	83	0.8%	0	0.0%	156	1.0%
Age 46+	61	1.0%	60	0.6%	0	0.0%	121	0.8%
Age Unknown	1	0.0%	1	0.0%	0	0.0%	2	0.0%
<b>TOTAL</b>	<b>5,880</b>	<b>100%</b>	<b>9,983</b>	<b>100%</b>	<b>23</b>	<b>100%</b>	<b>15,886</b>	<b>100%</b>
<b>Mean</b>	<b>24.29</b>		<b>23.43</b>		<b>23.91</b>		<b>23.75</b>	
<b>Median</b>	<b>23</b>		<b>22</b>		<b>23</b>		<b>22</b>	
<b>Range</b>	<b>17-63</b>		<b>16-63</b>		<b>19-31</b>		<b>16-63</b>	

**Figure 10: Accepted PharmCAS Applicants by Age and Sex**

Age	MALE		FEMALE		DECLINE TO STATE		TOTAL	
	#	%	#	%	#	%	#	%
Age Up to 19	410	8.5%	991	11.9%	1	5.9%	1402	10.7%
Age 20 - 25	3281	68.2%	5851	70.4%	13	76.5%	9145	69.6%
Age 26 - 30	683	14.2%	923	11.1%	3	17.6%	1609	12.2%
Age 31 - 35	252	5.2%	315	3.8%	0	0.0%	567	4.3%
Age 36 - 40	112	2.3%	148	1.8%	0	0.0%	260	2.0%
Age 41 - 45	40	0.8%	51	0.6%	0	0.0%	91	0.7%
Age 46+	29	0.6%	34	0.4%	0	0.0%	63	0.5%
Age Unknown	1	0.0%	1	0.0%	0	0.0%	2	0.0%
<b>TOTAL</b>	<b>4,808</b>	<b>100%</b>	<b>8,314</b>	<b>100%</b>	<b>17</b>	<b>100%</b>	<b>13,139</b>	<b>100%</b>
<b>Mean</b>	<b>23.8</b>		<b>23.05</b>		<b>23.06</b>		<b>23.32</b>	
<b>Median</b>	<b>22</b>		<b>22</b>		<b>23</b>		<b>22</b>	
<b>Range</b>	<b>17-61</b>		<b>16-63</b>		<b>19-29</b>		<b>16-63</b>	

**Figure 11: Percentage of PharmCAS Applicants by Age and Sex****Figure 12: 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 2017-2018 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.

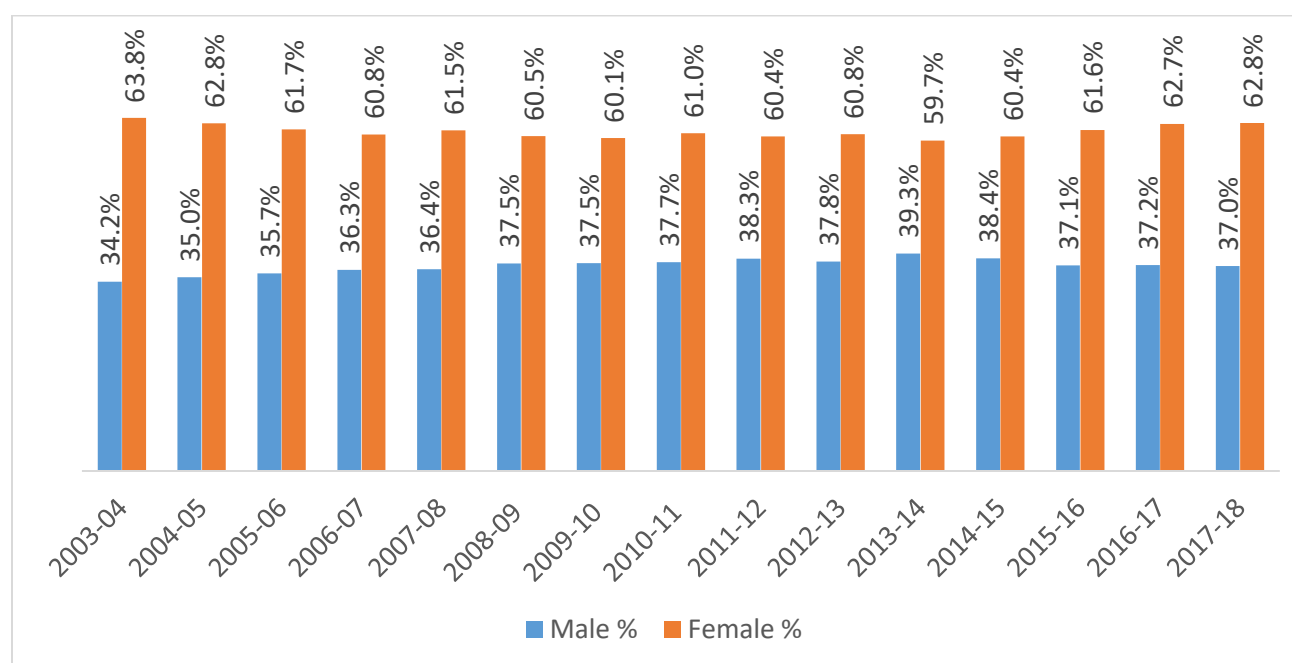
**Figure 13: Percentage of PharmCAS Applicants by Sex and Acceptance Status**

\* 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 14: PharmCAS Applicants by Sex per Cycle (2004-2018)

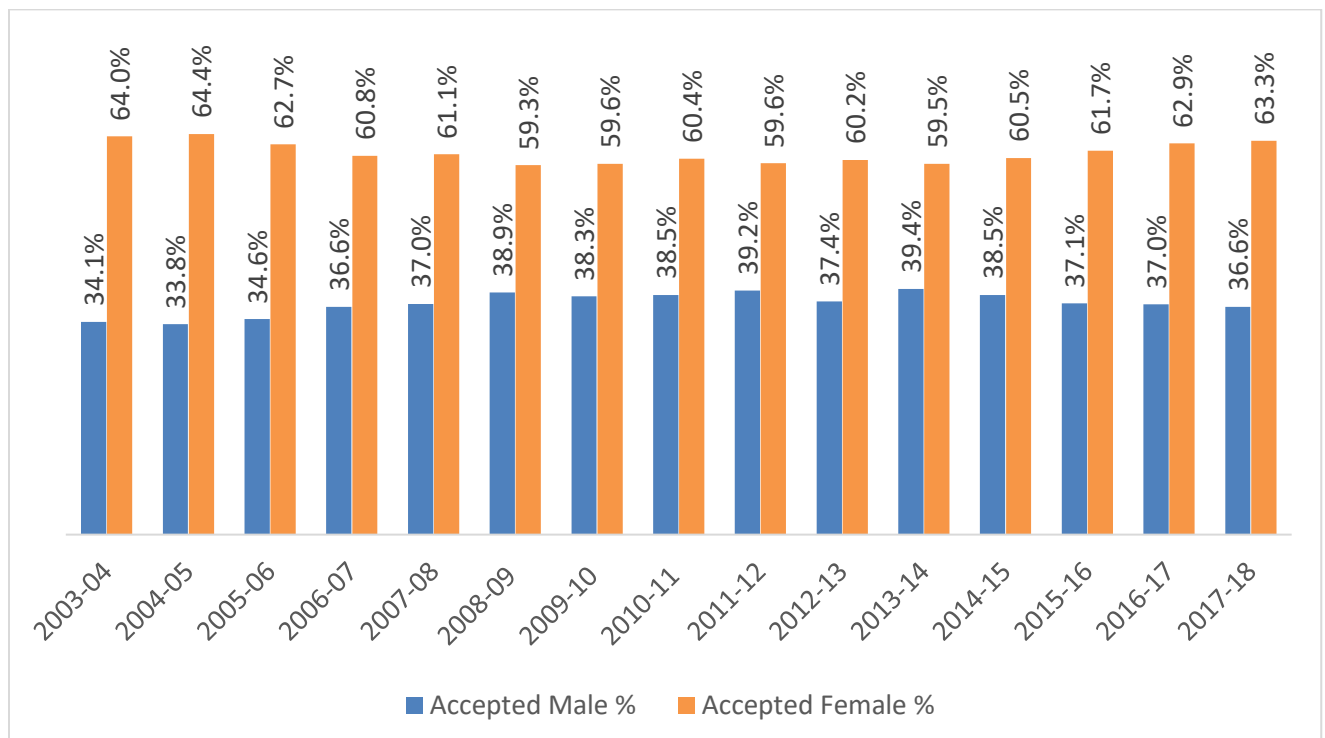
Cycle	Males	% of Total Pool	Females	% of Total Pool	Decline to State	% of Total Pool	Total
2003-04	4,689	34.2%	8,748	63.8%	285	2.1%	13,722
2004-05	5,047	35.0%	9,062	62.8%	324	2.2%	14,433
2005-06	5,224	35.7%	9,042	61.7%	384	2.6%	14,650
2006-07	5,402	36.3%	9,037	60.8%	430	2.9%	14,869
2007-08	5,795	36.4%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

Figure 15: Percentage of PharmCAS Applicants by Sex per Cycle (2004-2018)



**Figure 16: Accepted PharmCAS Applicants by Sex per Cycle (2004-2018)**

Cycle	Male	% of Total Accepted Pool	Female	% of Total Accepted Pool	Decline to State	% of Total 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

**Figure 17: Percentage of Accepted PharmCAS Applicants by Sex per Cycle (2004-2018)**

## 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 reflect all applicants who self-identified as Hispanic or Latino, regardless of race selected. There were 1,116 applicants who selected YES to the “race\_hispanic” field and YES to at least one race field. There were 596 who applicants selected YES to the “race\_hispanic” field only and did not select a race field.

**Figure 18: PharmCAS Applicants by Race/Ethnicity and Sex**

RACE/ETHNICITY	2017-2018 Total Applicants in PharmCAS							
	MALE		FEMALE		UNKNOWN		TOTAL	
	#	%	#	%	#	%	#	%
American Indian	10	0.17%	28	0.28%	0	0.00%	38	0.24%
Hispanic	681	11.58%	1029	10.31%	2	8.70%	1712	10.78%
Asian	1486	25.27%	2593	25.97%	2	8.70%	4081	25.69%
Black or African American	726	12.35%	1216	12.18%	0	0.00%	1942	12.22%
Native Hawaiian	5	0.09%	16	0.16%	0	0.00%	21	0.13%
White	2618	44.52%	4426	44.34%	5	21.74%	7049	44.37%
Other	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Multiple	163	2.77%	256	2.56%	1	4.35%	420	2.64%
Did Not Report	191	3.25%	419	4.20%	13	56.52%	623	3.92%
<b>TOTAL</b>	<b>5,880</b>	<b>100%</b>	<b>9,983</b>	<b>100%</b>	<b>23</b>	<b>100%</b>	<b>15,886</b>	<b>100%</b>

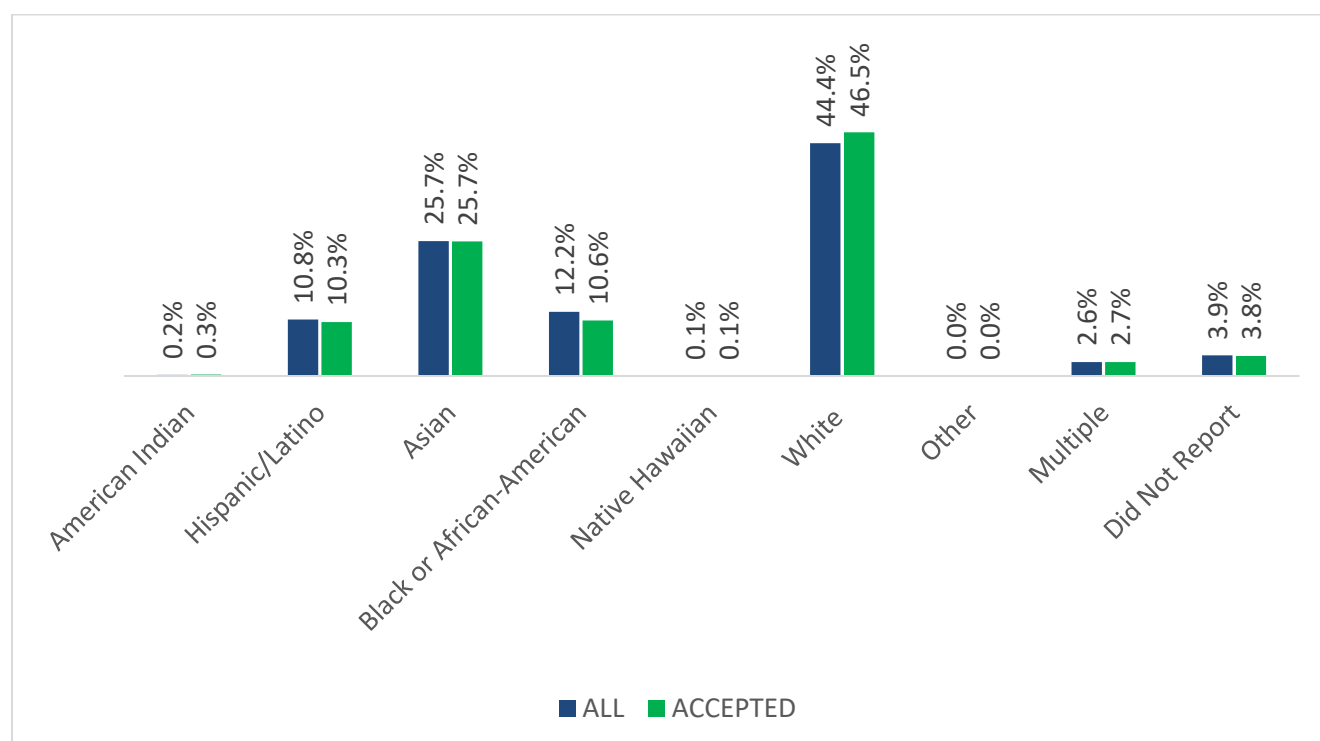
*\*Race/ethnicity categories in table are mutually exclusive. Each applicant is represented in only one race category.*



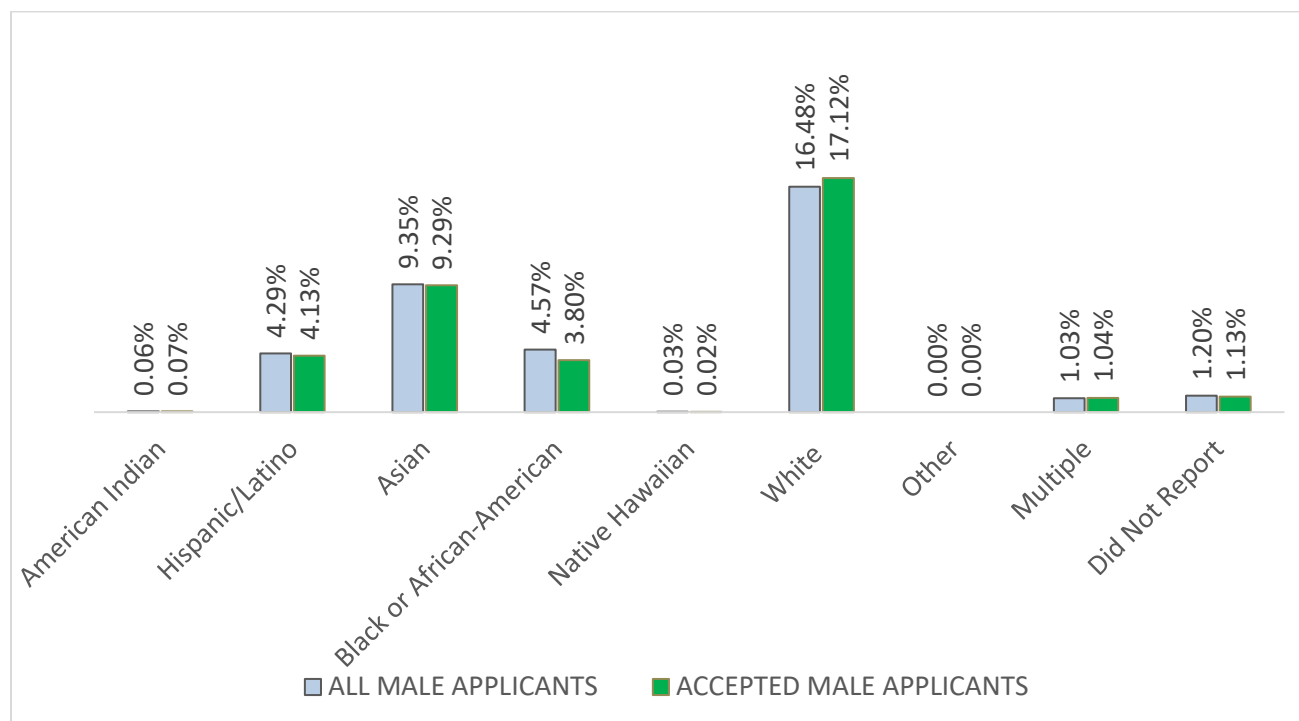
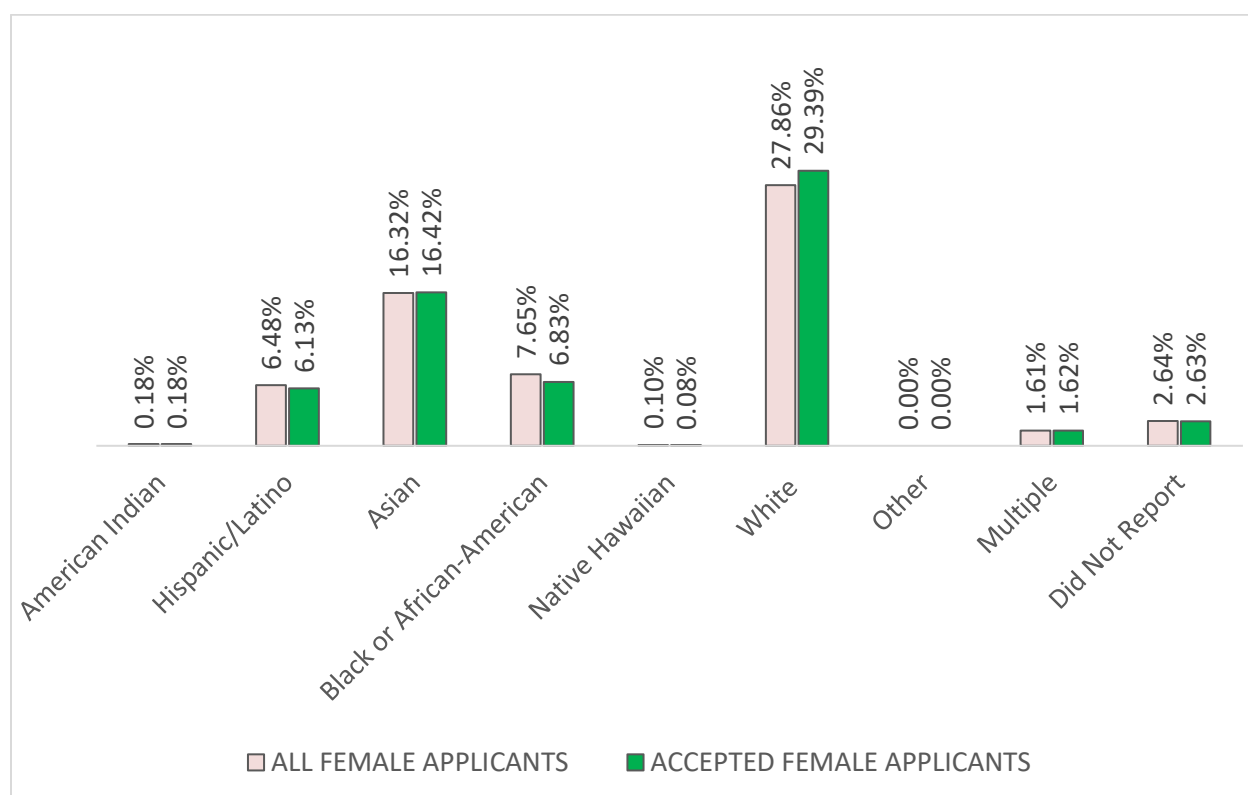
**Figure 19: Accepted PharmCAS Applicants by Race/Ethnicity and Sex**

RACE/ETHNICITY	2017-2018 Accepted Applicants in PharmCAS							
	MALE		FEMALE		UNKNOWN		TOTAL	
	#	%	#	%	#	%	#	%
American Indian	9	0.19%	24	0.29%	0	0.00%	33	0.25%
Hispanic/Latino	543	11.29%	806	9.69%	2	11.76%	1351	10.26%
Asian	1220	25.37%	2157	25.94%	2	11.76%	3379	25.67%
Black or African-American	499	10.38%	898	10.80%	0	0.00%	1397	10.61%
Native Hawaiian	3	0.06%	10	0.12%	0	0.00%	13	0.10%
White	2250	46.80%	3861	46.44%	5	29.41%	6116	46.46%
Other	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Multiple	136	2.83%	213	2.56%	1	5.88%	350	2.66%
Did Not Report	148	3.08%	345	4.15%	7	41.18%	500	3.80%
<b>TOTAL</b>	<b>4,808</b>	<b>100%</b>	<b>8,314</b>	<b>100%</b>	<b>17</b>	<b>100%</b>	<b>13,139</b>	<b>100%</b>

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

**Figure 20: 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.

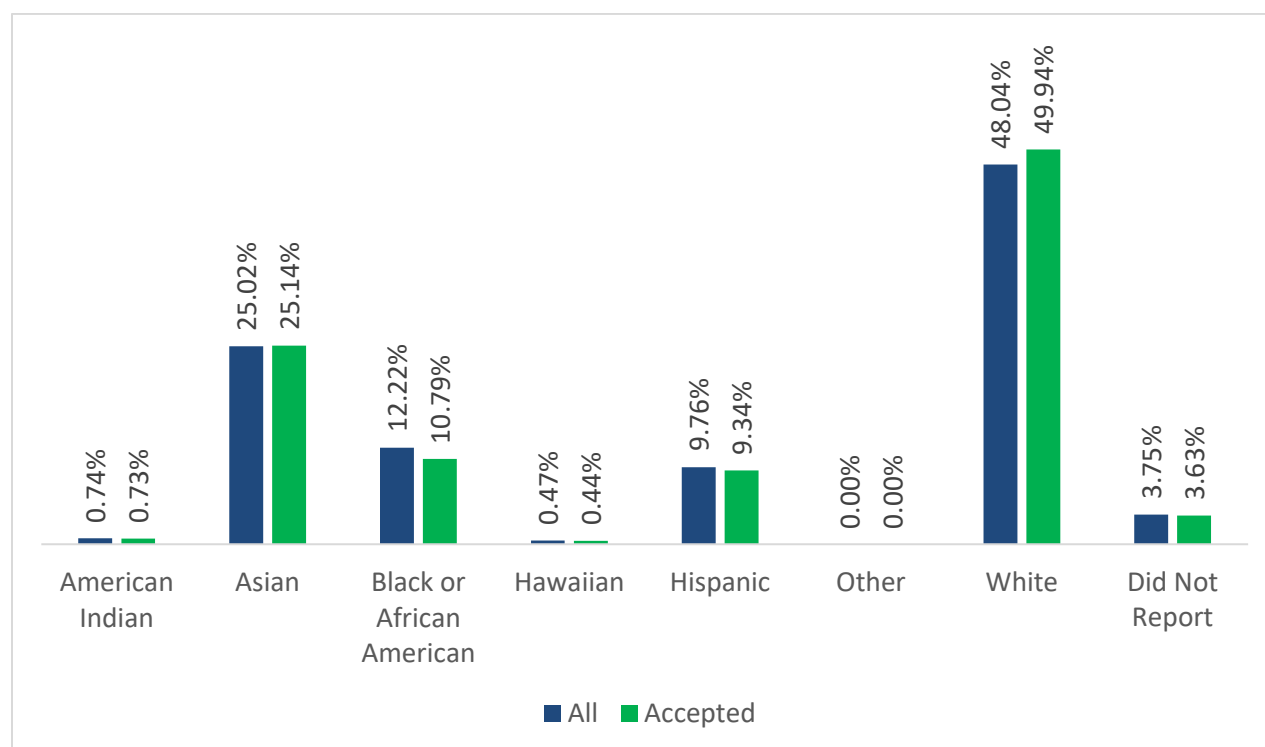
**Figure 21: Percentage of MALE PharmCAS Applicants by Race and Acceptance Status****Figure 22: Percentage of FEMALE PharmCAS Applicants by Race and Acceptance Status**

\* 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 23: 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 in PharmCAS		Accepted Applicants in PharmCAS	
	#	%	#	%
American Indian/Alaskan Native	129	0.74%	105	0.73%
Asian	4390	25.02%	3,638	25.14%
Black or African American	2144	12.22%	1,561	10.79%
Hawaiian/Pacific Islander	83	0.47%	63	0.44%
Hispanic/Latino	1712	9.76%	1,351	9.34%
Other	n/a	n/a	-	0.00%
White	8428	48.04%	7,227	49.94%
Did Not Report	657	3.75%	525	3.63%
Total	17,543	100%	14,470	100%

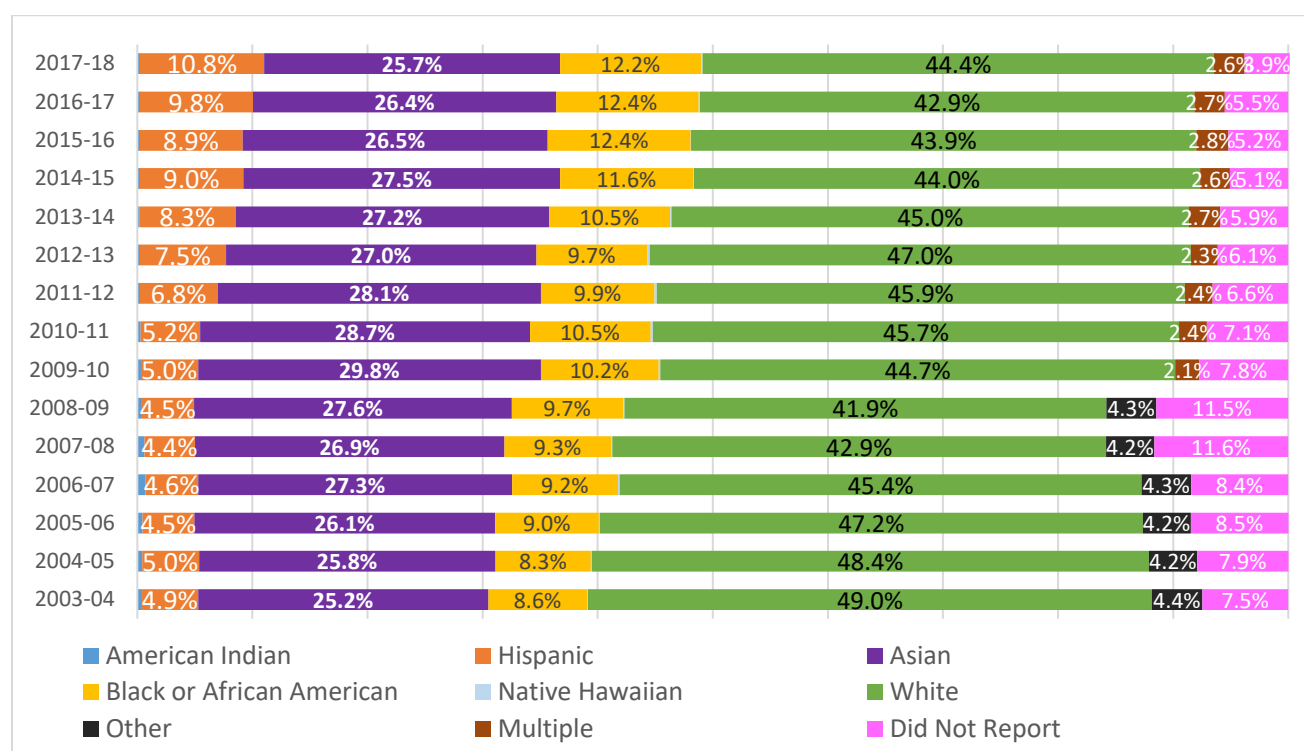
**Figure 24: Percentage of PharmCAS Applicants by Race Designations and Acceptance Status**

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

**Figure 24: PharmCAS Applicants by Race/Ethnicity per Cycle (2004-2018)**

Cycle	American Indian	Hispanic	Asian	Black or 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%

\* Percentages were calculated based on the total number of PharmCAS applicants in the pool. Race/ethnicity categories in table are mutually exclusive. The 2017-18 data can also be found in figure 18.

**Figure 25: Percentage of PharmCAS Applicants by Race/Ethnicity per Cycle (2004-2018)**

## DISADVANTAGED STATUS

**Figure 26: Economically Disadvantaged Applicants**

Economic Disadvantaged Status	All Applicants	% of Total Pool	Accepted Applicants	% 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.	3390	21.34%	2730	20.78%

**Figure 27: 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.	710	4.47%	524	3.99%
I graduated from a high school at which many of the enrolled students are eligible for free or reduced price lunches.	4144	26.09%	3424	26.06%
I am from a family that receives public assistance (e.g., Aid to Families with Dependent Children, food stamps, Medicaid, public housing).	1737	10.93%	1422	10.82%
I am from a family that lives in an area that is designated as a Health Professional Shortage Area, or a Medically Underserved Area.	927	5.84%	777	5.91%
I participated in an academic enrichment program funded in whole or in part by the Health Careers Opportunity Program.	116	0.73%	92	0.70%
I am a high-school drop-out who received AHS diploma or GED or I am receiving public assistance.	68	0.43%	54	0.41%
I am from a school district where 50% or less of graduates go to college or where college education is not encouraged.	1154	7.26%	923	7.02%
I am the first generation in my family to attend college (neither my mother nor my father attended college).	4007	25.22%	3222	24.52%
I have a diagnosed physical or mental impairment that substantially limits my participation in educational experiences and opportunities offered by a college.	89	0.56%	66	0.50%
English is not my primary language.	2302	14.49%	1775	13.51%
I was accepted to the health professions program after academic reassessment at the completion of remedial courses.	35	0.22%	20	0.15%
<b>Applicants reporting at least one disadvantage</b>	<b>7860</b>	<b>49.48%</b>	<b>6344</b>	<b>48.28%</b>

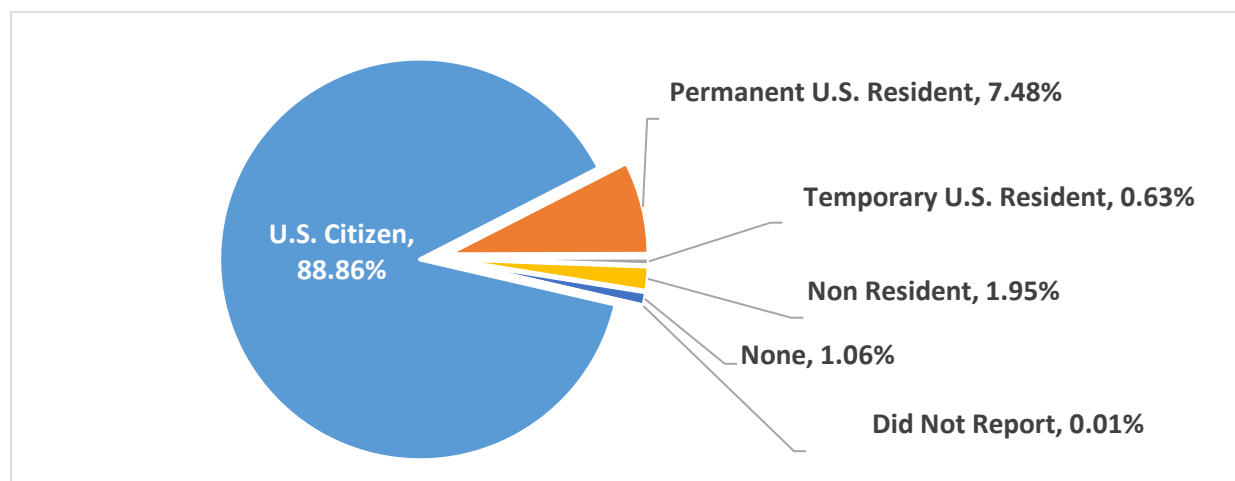
*\*Data regarding environmentally disadvantaged applicants are based on self-reported responses. Applicants in PharmCAS could select one or more disadvantaged statuses. The disadvantaged categories are not mutually exclusive. Therefore, applicants may be represented in more than one category. Applicants were not required to use search tools to determine if they actually met the federal government's definition of disadvantaged (eg, 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

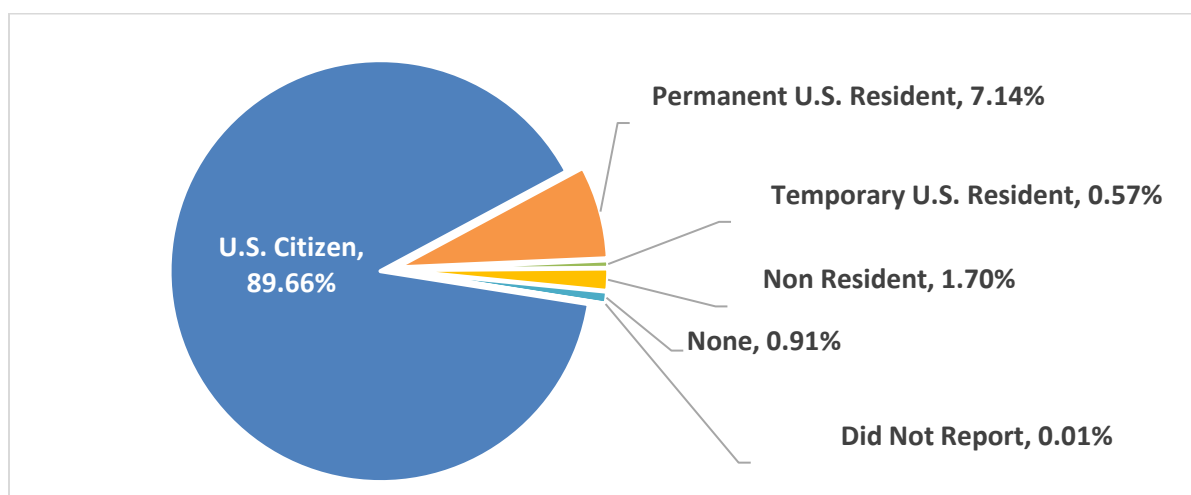
**Figure 28: PharmCAS Applicants by Citizenship Status**

Citizenship Status	All Applicants		Accepted Applicants	
	#	%	#	%
U.S. Citizen	14117	88.86%	11781	89.66%
Permanent U.S. Resident	1189	7.48%	938	7.14%
Temporary U.S. Resident	100	0.63%	75	0.57%
Non Resident	310	1.95%	224	1.70%
None	169	1.06%	120	0.91%
Did Not Report	1	0.01%	1	0.01%
Total	15886	100%	13139	100%

**Figure 29: Percentage of PharmCAS Applicants by Citizenship Status**



**Figure 30: 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 new Application Pool Survey report will be used to populate the AACP Profile of Pharmacy Student and 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 31: PharmCAS Applicants by Permanent State of Residency and Acceptance Status**

State or Province	Total Applicants in PharmCAS		Total Accepted Applicants in PharmCAS	
	#	%	%	%
Alabama	280	1.76%	251	1.91%
Alaska	6	0.04%	5	0.04%
Arizona	241	1.52%	183	1.39%
Arkansas	155	0.98%	139	1.06%
Armed Forces Europe, Africa, Canada, Middle East	2	0.01%	1	0.01%
California	1965	12.37%	1719	13.08%
Colorado	148	0.93%	119	0.91%
Connecticut	168	1.06%	137	1.04%
Delaware	15	0.09%	11	0.08%
District of Columbia	11	0.07%	8	0.06%
Florida	1038	6.53%	843	6.42%
Georgia	582	3.66%	465	3.54%
Guam	7	0.04%	6	0.05%
Hawaii	107	0.67%	90	0.68%
Idaho	18	0.11%	12	0.09%
Illinois	720	4.53%	622	4.73%
Indiana	369	2.32%	279	2.12%
International	309	1.95%	216	1.64%
Iowa	142	0.89%	126	0.96%
Kansas	70	0.44%	51	0.39%
Kentucky	265	1.67%	242	1.84%
Louisiana	311	1.96%	253	1.93%
Maine	58	0.37%	46	0.35%
Maryland	315	1.98%	267	2.03%
Massachusetts	318	2.00%	240	1.83%
Michigan	676	4.26%	535	4.07%
Minnesota	256	1.61%	219	1.67%
Mississippi	180	1.13%	148	1.13%
Missouri	261	1.64%	223	1.70%
Montana	64	0.40%	58	0.44%

State or Province	Total Applicants in PharmCAS		Total Accepted Applicants in PharmCAS	
	#	%	%	%
Nebraska	86	0.54%	82	0.62%
Nevada	154	0.97%	119	0.91%
New Hampshire	40	0.25%	29	0.22%
New Jersey	317	2.00%	255	1.94%
New Mexico	115	0.72%	92	0.70%
New York	773	4.87%	644	4.90%
North Carolina	376	2.37%	322	2.45%
North Dakota	11	0.07%	8	0.06%
Ohio	450	2.83%	392	2.98%
Oklahoma	96	0.60%	74	0.56%
Oregon	192	1.21%	172	1.31%
Other/Unknown	28	0.18%	16	0.12%
Pennsylvania	479	3.02%	391	2.98%
Puerto Rico	351	2.21%	229	1.74%
Rhode Island	27	0.17%	19	0.14%
South Carolina	286	1.80%	235	1.79%
South Dakota	20	0.13%	14	0.11%
Tennessee	423	2.66%	358	2.72%
Texas	1402	8.83%	1117	8.50%
Utah	155	0.98%	135	1.03%
Vermont	13	0.08%	11	0.08%
Virginia	318	2.00%	273	2.08%
Virgin Islands	1	0.01%	1	0.01%
Washington	280	1.76%	241	1.83%
West Virginia	127	0.80%	115	0.88%
Wisconsin	277	1.74%	253	1.93%
Wyoming	31	0.20%	27	0.21%
Did Not Report	1	0.01%	1	0.01%
TOTAL	15886	100%	13139	100%



**Figure 32: Permanent State of Residency of PharmCAS Applicants Sorted by Volume**

Rank	State/Province	#	%
1	California	1965	12.37%
2	Texas	1402	8.83%
3	Florida	1038	6.53%
4	New York	773	4.87%
5	Illinois	720	4.53%
6	Michigan	676	4.26%
7	Georgia	582	3.66%
8	Pennsylvania	479	3.02%
9	Ohio	450	2.83%
10	Tennessee	423	2.66%
11	North Carolina	376	2.37%
12	Indiana	369	2.32%
13	Puerto Rico	351	2.21%
14	Massachusetts	318	2.00%
15	Virginia	318	2.00%
16	New Jersey	317	2.00%
17	Maryland	315	1.98%
18	Louisiana	311	1.96%
19	International	309	1.95%
20	South Carolina	286	1.80%
21	Alabama	280	1.76%
22	Washington	280	1.76%
23	Wisconsin	277	1.74%
24	Kentucky	265	1.67%
25	Missouri	261	1.64%
26	Minnesota	256	1.61%
27	Arizona	241	1.52%
28	Oregon	192	1.21%
29	Mississippi	180	1.13%
30	Connecticut	168	1.06%
31	Arkansas	155	0.98%
32	Utah	155	0.98%
33	Nevada	154	0.97%
34	Colorado	148	0.93%
35	Iowa	142	0.89%

36	West Virginia	127	0.80%
37	New Mexico	115	0.72%
38	Hawaii	107	0.67%
39	Oklahoma	96	0.60%
40	Nebraska	86	0.54%
41	Kansas	70	0.44%
42	Montana	64	0.40%
43	Maine	58	0.37%
44	New Hampshire	40	0.25%
45	Wyoming	31	0.20%
46	Other/Unknown	28	0.18%
47	Rhode Island	27	0.17%
48	South Dakota	20	0.13%
49	Idaho	18	0.11%
50	Delaware	15	0.09%
51	Vermont	13	0.08%
52	District of Columbia	11	0.07%
53	North Dakota	11	0.07%
54	Guam	7	0.04%
55	Alaska	6	0.04%
56	Armed Forces Europe, Africa, Canada, Middle East	2	0.01%
57	Did Not Report	1	0.01%
58	Virgin Islands	1	0.01%

*\* 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.*

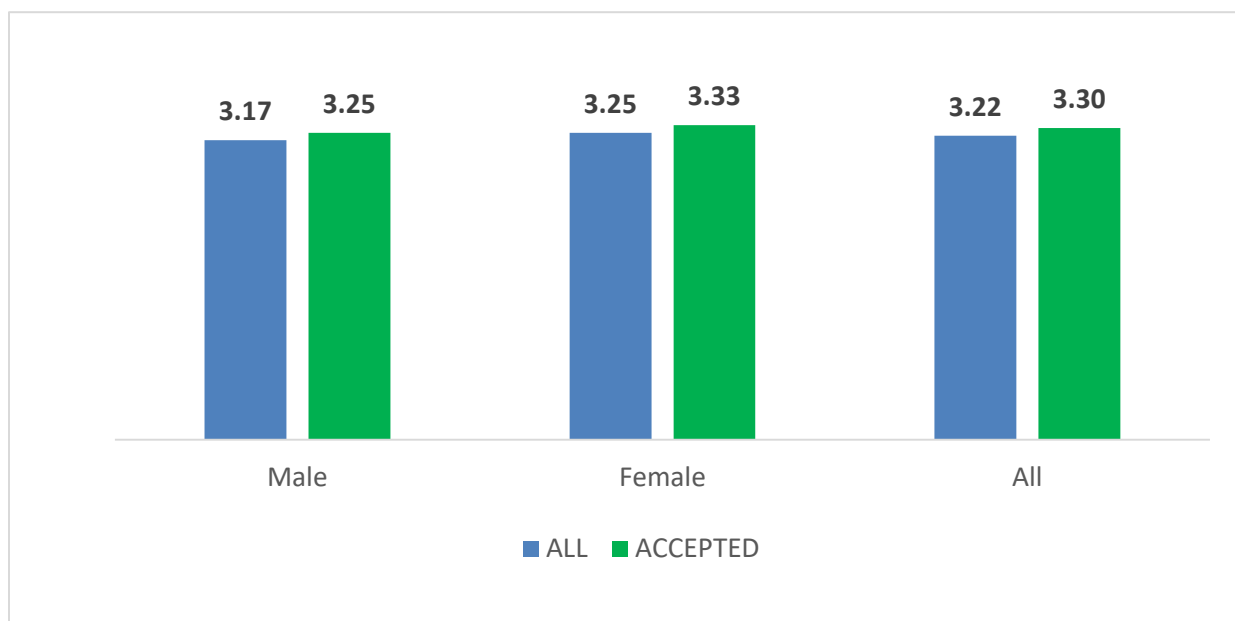
## GRADE POINT AVERAGES (GPAS)

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.

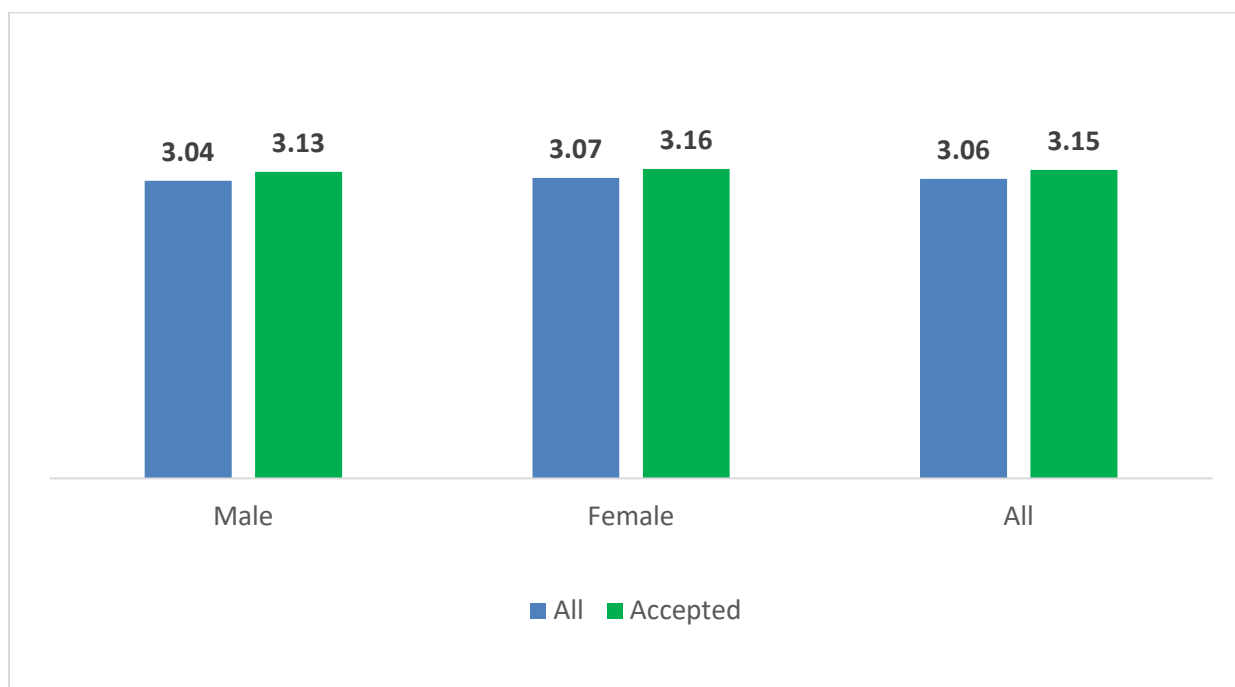
PharmCAS includes all initial and repeated coursework in its GPA calculations using a 4.0 semester-based scale.

**Figure 33: PharmCAS GPAs by Sex and Acceptance Status**

PharmCAS GPAs	ALL APPLICANTS				ACCEPTED APPLICANTS			
	Male	Female	Unknown	All	Male	Female	Unknown	All
Freshman	3.17	3.30	3.12	3.26	3.25	3.38	3.30	3.33
Sophomore	3.13	3.18	2.96	3.16	3.21	3.26	3.08	3.24
Junior	3.09	3.13	2.84	3.11	3.17	3.21	2.93	3.20
Senior	3.12	3.16	3.01	3.15	3.20	3.25	3.03	3.23
Post-Baccalaureate	3.37	3.43	3.79	3.41	3.46	3.49	3.75	3.48
Graduate	3.30	3.36	3.00	3.33	3.40	3.41	3.00	3.41
Cumulative Undergraduate	3.17	3.25	3.02	3.22	3.25	3.33	3.14	3.30
Freshman Math	3.07	3.20	3.01	3.15	3.15	3.28	3.15	3.23
Sophomore Math	3.01	3.10	2.88	3.06	3.09	3.20	2.94	3.16
Junior Math	3.03	3.05	3.02	3.05	3.14	3.17	3.03	3.16
Senior Math	3.02	3.05	2.78	3.04	3.13	3.16	2.88	3.15
Post-Baccalaureate Math	3.38	3.37	4.00	3.38	3.47	3.43	4.00	3.44
Cumulative Undergrad Math	3.08	3.18	2.91	3.14	3.17	3.28	2.99	3.24
Graduate Math	3.47	3.51		3.49	3.58	3.57		3.58
Overall Math	3.08	3.18	2.91	3.15	3.17	3.28	2.99	3.24
Freshman Non-Science	3.26	3.41	3.22	3.35	3.33	3.48	3.42	3.42
Sophomore Non-Science	3.32	3.41	3.23	3.38	3.39	3.49	3.42	3.45
Junior Non-Science	3.34	3.44	3.22	3.40	3.42	3.51	3.38	3.48
Senior Non-Science	3.37	3.46	3.28	3.43	3.44	3.53	3.28	3.50
Post-Baccalaureate Non-Science	3.52	3.57	3.86	3.55	3.40	3.43	3.63	3.42
Cum Undergrad Non-Science	3.32	3.45	3.24	3.40	3.40	3.52	3.43	3.47
Graduate Non-Science	3.48	3.57		3.53	3.61	3.61		3.61
Overall Non-Science	3.33	3.45	3.24	3.40	3.40	3.52	3.43	3.48
Freshman Science	3.03	3.10	3.01	3.08	3.11	3.19	3.24	3.16
Sophomore Science	2.97	2.98	2.73	2.98	3.06	3.07	2.79	3.07
Junior Science	2.94	2.96	2.62	2.95	3.02	3.05	2.64	3.04
Senior Science	3.01	3.02	2.87	3.01	3.09	3.11	2.92	3.10
Post-Baccalaureate Science	3.31	3.37	3.70	3.35	3.40	3.43	3.63	3.42
Cumulative Undergrad Science	3.04	3.07	2.82	3.05	3.12	3.16	2.90	3.15
Graduate Science	3.23	3.26	3.00	3.24	3.32	3.31	3.00	3.31
Overall Science	3.04	3.07	2.82	3.06	3.13	3.16	2.90	3.15
<b>Overall</b>	<b>3.17</b>	<b>3.25</b>	<b>3.02</b>	<b>3.22</b>	<b>3.25</b>	<b>3.33</b>	<b>3.14</b>	<b>3.30</b>

**Figure 34: Mean Undergraduate Cumulative GPA for PharmCAS Applicants**

\* GPA data for applicants with unknown sex are excluded from graph.

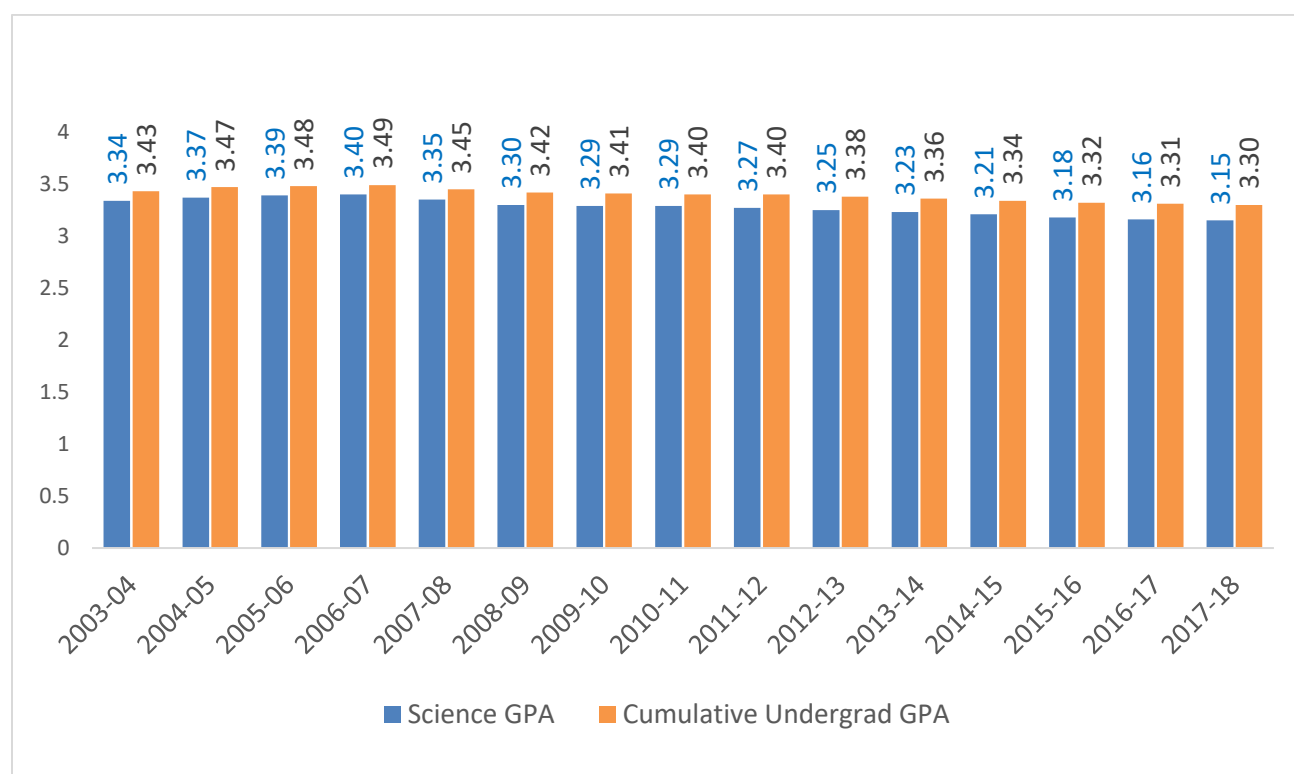
**Figure 35: Mean Overall Undergraduate Science GPA for PharmCAS Applicants**

\* GPA data for applicants with unknown sex are excluded from graph.

**Figure 36: Undergraduate GPAs for Accepted PharmCAS Applicants by Cycle (2004-2018)**

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

\* GPAs reflect undergraduate coursework only

**Figure 37: Science & Overall GPAs for Accepted PharmCAS Applicants by Cycle (2004-2018)**

## DEGREES EARNED

The table below indicates the degrees earned by applicants by the end of the Academic Update in February 2018. Some applicants designated more than 1 degree earned and others did not designate any degree as earned. Therefore, the total in the table differs from the total number of applicants shown in other tables. To view applicant pool data for only the highest degrees earned, refer to the new Application Pool Survey report, once received via email.

**Figure 38: Degrees Earned by PharmCAS Applicants**

Degrees Earned	All Applicants in PTCAS		Accepted Applicants in PTCAS	
	#	%	#	%
Artist Diploma	1	0.01%	0	0.00%
Associate Arts	989	10.67%	784	10.58%
Associate in Liberal Arts	89	0.96%	73	0.99%
Associate of Applied Science	162	1.75%	109	1.47%
Associate of Arts and Sciences	149	1.61%	112	1.51%
Associate of Arts for Transfer	3	0.03%	3	0.04%
Associate of Science	1294	13.96%	1014	13.68%
Associate of Science for Transfer	8	0.09%	5	0.07%
Bachelor of Applied Science	38	0.41%	26	0.35%
Bachelor of Architecture (5yr)	1	0.01%	1	0.01%
Bachelor of Arts	901	9.72%	744	10.04%
Bachelor of Arts and Science	173	1.87%	144	1.94%
Bachelor of Business Administration	54	0.58%	41	0.55%
Bachelor of Chemical Engineering	4	0.04%	4	0.05%
Bachelor of Commerce	2	0.02%	2	0.03%
Bachelor of Dental Science	4	0.04%	2	0.03%
Bachelor of Dental Surgery	1	0.01%	1	0.01%
Bachelor of Economics	7	0.08%	6	0.08%
Bachelor of Education	10	0.11%	6	0.08%
Bachelor of Engineering	21	0.23%	12	0.16%
Bachelor of Engineering Technology	3	0.03%	2	0.03%
Bachelor of Fine Arts	2	0.02%	1	0.01%
Bachelor of Fine Arts with Teaching Certification	0	0.00%	0	0.00%
Bachelor of Journalism	1	0.01%	1	0.01%
Bachelor of Landscape Architecture (5yr)	0	0.00%	0	0.00%
Bachelor of Laws	3	0.03%	3	0.04%
Bachelor of Liberal Arts	8	0.09%	7	0.09%
Bachelor of Liberal Studies	4	0.04%	3	0.04%
Bachelor of Mathematics	7	0.08%	6	0.08%
Bachelor of Medicine	3	0.03%	2	0.03%
Bachelor of Medicine and Bachelor of Surgery	3	0.03%	2	0.03%
Bachelor of Music	6	0.06%	6	0.08%
Bachelor of Music Education	0	0.00%	0	0.00%
Bachelor of Pharmacy	219	2.36%	132	1.78%

Bachelor of Science	4215	45.48%	3518	47.48%
Bachelor of Science in Bioengineering	3	0.03%	2	0.03%
Bachelor of Science in Business Administration	6	0.06%	4	0.05%
Bachelor of Science in Civil Engineering	5	0.05%	4	0.05%
Bachelor of Science in Education	15	0.16%	11	0.15%
Bachelor of Science in Electrical Engineering	1	0.01%	1	0.01%
Bachelor of Science in Environmental Engineering	1	0.01%	1	0.01%
Bachelor of Science in Mechanical Engineering	0	0.00%	0	0.00%
Bachelor of Science in Medical Technology	9	0.10%	4	0.05%
Bachelor of Science in Nursing	28	0.30%	23	0.31%
Bachelor of Social Work	3	0.03%	3	0.04%
Bachelor of Technology	2	0.02%	1	0.01%
Bachelor of Theology	0	0.00%	0	0.00%
Bachelors of Physical Therapy	0	0.00%	0	0.00%
Certificate	133	1.44%	98	1.32%
Certificate of Advanced Graduate Study	6	0.06%	3	0.04%
Credential	3	0.03%	3	0.04%
Diploma	50	0.54%	34	0.46%
Doctor of Athletic Training	0	0.00%	0	0.00%
Doctor of Business Administration	1	0.01%	0	0.00%
Doctor of Chiropractic	2	0.02%	2	0.03%
Doctor Of Dental Science	0	0.00%	0	0.00%
Doctor of Dental Surgery	0	0.00%	0	0.00%
Doctor of Dentistry	0	0.00%	0	0.00%
Doctor of Education	0	0.00%	0	0.00%
Doctor of Engineering	0	0.00%	0	0.00%
Doctor of Medicine	12	0.13%	8	0.11%
Doctor of Ministry	0	0.00%	0	0.00%
Doctor of Nursing Practice	0	0.00%	0	0.00%
Doctor of Occupational Therapy	0	0.00%	0	0.00%
Doctor of Odontology	0	0.00%	0	0.00%
Doctor of Osteopathic Med	0	0.00%	0	0.00%
Doctor of Pharmacy	16	0.17%	9	0.12%
Doctor of Physical Therapy	0	0.00%	0	0.00%
Doctor of Planning and Development Studies	0	0.00%	0	0.00%
Doctor of Podiatric Medicine	0	0.00%	0	0.00%
Doctor of Science	4	0.04%	4	0.05%
Doctor of Stomatology	0	0.00%	0	0.00%
Doctor of Theology	0	0.00%	0	0.00%
Doctor of Veterinary Med	6	0.06%	5	0.07%
Doctorate In Dental Medicine	0	0.00%	0	0.00%
Doctorate of Medicine	5	0.05%	5	0.07%
Doctorate of Musical Arts	0	0.00%	0	0.00%
Five-year Bachelor's and Master's Program (BA/MS)	0	0.00%	0	0.00%
Five-year Bachelor's and Master's Program (BS/MA)	0	0.00%	0	0.00%
Five-year Bachelor's and Master's Program (BS/MS)	2	0.02%	1	0.01%

Graduate Certificate	6	0.06%	2	0.03%
Graduate Diploma	2	0.02%	1	0.01%
Juris Doctorate	2	0.02%	0	0.00%
Master of Accounting	1	0.01%	1	0.01%
Master of Architecture	0	0.00%	0	0.00%
Master of Arts	31	0.33%	30	0.40%
Master of Arts In Teaching	5	0.05%	5	0.07%
Master of Arts In Teaching	5	0.05%	5	0.07%
Master of Building Science	0	0.00%	0	0.00%
Master of Business Administration	49	0.53%	25	0.34%
Master of Business Taxation	0	0.00%	0	0.00%
Master of Comparative Law	0	0.00%	0	0.00%
Master of Construction Management	0	0.00%	0	0.00%
Master of Dental Surgery	0	0.00%	0	0.00%
Master of Divinity	0	0.00%	0	0.00%
Master of Education	14	0.15%	10	0.13%
Master of Engineering	5	0.05%	5	0.07%
Master of Engineering Technology Management	1	0.01%	0	0.00%
Master of Fine Arts	0	0.00%	0	0.00%
Master of Health Administration	8	0.09%	6	0.08%
Master of Health Care Management	1	0.01%	1	0.01%
Master of Health Science	7	0.08%	4	0.05%
Master of Health Sciences Administration	0	0.00%	0	0.00%
Master of Historic Preservation	0	0.00%	0	0.00%
Master of Journalism	1	0.01%	1	0.01%
Master of Landscape Architecture	0	0.00%	0	0.00%
Master of Laws	0	0.00%	0	0.00%
Master of Liberal Arts	1	0.01%	1	0.01%
Master of Long Term Care Administration	0	0.00%	0	0.00%
Master of Management	2	0.02%	0	0.00%
Master of Marriage and Family Therapy	0	0.00%	0	0.00%
Master of Medical Management	0	0.00%	0	0.00%
Master of Medical Science	7	0.08%	7	0.09%
Master of Music	1	0.01%	1	0.01%
Master of Music Education	0	0.00%	0	0.00%
Master of Music Therapy	0	0.00%	0	0.00%
Master of Occupational Therapy	0	0.00%	0	0.00%
Master of Physician Assistant Practice	0	0.00%	0	0.00%
Master of Planning	1	0.01%	1	0.01%
Master of Planning and Development Studies	0	0.00%	0	0.00%
Master of Professional Writing	0	0.00%	0	0.00%
Master of Public Administration	4	0.04%	2	0.03%
Master of Public Art Studies	0	0.00%	0	0.00%
Master of Public Diplomacy	0	0.00%	0	0.00%
Master of Public Health	33	0.36%	26	0.35%
Master of Public Policy	0	0.00%	0	0.00%



Master of Public Policy and Management	0	0.00%	0	0.00%
Master of Real Estate Development	0	0.00%	0	0.00%
Master of Sacred Music	0	0.00%	0	0.00%
Master of Sacred Theology	0	0.00%	0	0.00%
Master of Science	218	2.35%	172	2.32%
Master of Science and Health Administration	2	0.02%	1	0.01%
Master of Science in Athletic Training	1	0.01%	1	0.01%
Master of Science in Bioengineering	1	0.01%	1	0.01%
Master of Science in Civil Engineering	0	0.00%	0	0.00%
Master of Science In Dentistry	0	0.00%	0	0.00%
Master of Science in Education	2	0.02%	1	0.01%
Master of Science in Electrical Engineering	0	0.00%	0	0.00%
Master of Science in Environmental Engineering	1	0.01%	0	0.00%
Master of Science in Mechanical Engineering	3	0.03%	0	0.00%
Master of Science in Nursing	1	0.01%	0	0.00%
Master of Social Work	3	0.03%	2	0.03%
Master of Theological Studies	0	0.00%	0	0.00%
Master of Theology	0	0.00%	0	0.00%
Master of Tourism and Hospitality Management	0	0.00%	0	0.00%
Masters of Physical Therapy	0	0.00%	0	0.00%
MS in Finance	1	0.01%	1	0.01%
MS in Management Studies	0	0.00%	0	0.00%
MS in Mathematical Finance	0	0.00%	0	0.00%
Non Degree	12	0.13%	10	0.13%
None	3	0.03%	2	0.03%
Other Bachelor	47	0.51%	33	0.45%
Other Doctoral (Not Ph.D)	0	0.00%	0	0.00%
Other Doctorate	0	0.00%	0	0.00%
Other Doctorate	1	0.01%	0	0.00%
Other Master	46	0.50%	26	0.35%
Other PT Degree or Certificate	0	0.00%	0	0.00%
Ph.D	21	0.23%	15	0.20%
Post-baccalaureate Non-degree Teachers Cert Prog.	3	0.03%	2	0.03%
Post-baccalaureateon-degree Teachers Cert Prog.	3	0.03%	2	0.03%
Postgraduate Diploma	10	0.11%	6	0.08%
Professional Science Master's	3	0.03%	3	0.04%
PsyD	0	0.00%	0	0.00%
PTA	0	0.00%	0	0.00%
Specialist In Education	0	0.00%	0	0.00%
<b>TOTAL DEGREES EARNED</b>	<b>9267</b>	<b>100%</b>	<b>7410</b>	<b>100%</b>

\* Percentages were calculated based on the total number of "degrees earned" for each pool (9267 for all and 7410 for accepted applicants). Applicants may have been awarded additional degrees prior to enrollment in the Pharm.D. program.

## COLLEGE MAJORS

Figure 39: College Majors for PharmCAS Applicants

College Major	All Applicants in PharmCAS		Accepted Applicants in PharmCAS	
	#	%	#	%
Accounting/Finance	40	0.25%	30	0.23%
Administration	8	0.05%	7	0.05%
Advertising	2	0.01%	1	0.01%
Aerospace Engineering	1	0.01%	1	0.01%
African Studies	1	0.01%	1	0.01%
Agriculture	7	0.04%	4	0.03%
Agronomy	1	0.01%	0	0.00%
Allied Health	43	0.27%	33	0.25%
Anatomy	1	0.01%	1	0.01%
Anesthesiology	2	0.01%	1	0.01%
Animal Science	30	0.19%	26	0.20%
Animation and Digital Arts	1	0.01%	0	0.00%
Anthropology	19	0.12%	14	0.11%
Applied Mathematics	6	0.04%	5	0.04%
Applied Physics	0	0.00%	0	0.00%
Applied Studies	8	0.05%	5	0.04%
Arabic	1	0.01%	1	0.01%
Architectural Engineering	2	0.01%	2	0.02%
Architecture	3	0.02%	2	0.02%
Art	40	0.25%	26	0.20%
Art Education	1	0.01%	1	0.01%
Art History	5	0.03%	4	0.03%
Asian Studies	3	0.02%	3	0.02%
Asian-American Studies	1	0.01%	0	0.00%
Astronomy	1	0.01%	1	0.01%
Audiology	1	0.01%	0	0.00%
Automation	2	0.01%	2	0.02%
Aviation	4	0.03%	3	0.02%
Behavioral Science	14	0.09%	13	0.10%
Biochemical Engineering	2	0.01%	0	0.00%
Biochemistry	1111	6.99%	989	7.53%
Biochemistry and Molecular Biology	137	0.86%	124	0.94%
Bioengineering	7	0.04%	5	0.04%
Bioinformatics	8	0.05%	5	0.04%
Biological Sciences	786	4.95%	666	5.07%
Biology	3376	21.25%	2835	21.58%

Biomathematics	2	0.01%	1	0.01%
Biomedical Engineering	19	0.12%	16	0.12%
Biomedical Physics	1	0.01%	1	0.01%
Biomedical Science	510	3.21%	453	3.45%
Biophysics	7	0.04%	6	0.05%
Biostatistics	1	0.01%	1	0.01%
Biotechnology	85	0.54%	66	0.50%
Botany	4	0.03%	3	0.02%
Business Administration	113	0.71%	77	0.59%
Business Information Systems	3	0.02%	2	0.02%
Business/Management	40	0.25%	32	0.24%
Central American Studies	1	0.01%	1	0.01%
Chemical Engineering	44	0.28%	40	0.30%
Chemistry	1662	10.46%	1394	10.61%
Chinese Language and Literature	4	0.03%	3	0.02%
Chiropractic	1	0.01%	1	0.01%
Cinematic Arts	1	0.01%	1	0.01%
Civil Engineering	10	0.06%	7	0.05%
Classics	3	0.02%	3	0.02%
Cognitive Studies	6	0.04%	6	0.05%
Communication Engineering	1	0.01%	0	0.00%
Communication Science & Disorders	1	0.01%	1	0.01%
Communication Studies	8	0.05%	7	0.05%
Communications	16	0.10%	14	0.11%
Community Health	13	0.08%	10	0.08%
Comparative Literature	1	0.01%	1	0.01%
Computer	4	0.03%	3	0.02%
Computer Engineering	1	0.01%	0	0.00%
Computer Science	24	0.15%	18	0.14%
Computer Science and Engineering	2	0.01%	1	0.01%
Computer Science and Technology	1	0.01%	1	0.01%
Construction Management	3	0.02%	2	0.02%
Counseling	5	0.03%	5	0.04%
Creative Writing	2	0.01%	2	0.02%
Criminal Justice	23	0.14%	14	0.11%
Criminology	4	0.03%	2	0.02%
Culinary/Food Studies	3	0.02%	2	0.02%
Dance	1	0.01%	1	0.01%
Dental Assistant	2	0.01%	1	0.01%
Dental Hygiene	9	0.06%	5	0.04%
Dentistry	3	0.02%	1	0.01%
Dietetics	10	0.06%	10	0.08%
Early Childhood Education	5	0.03%	3	0.02%

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Earth Sciences	5	0.03%	4	0.03%
Ecology	3	0.02%	3	0.02%
Economics	41	0.26%	34	0.26%
Education	43	0.27%	36	0.27%
Electrical and Electronic Engineering	2	0.01%	2	0.02%
Electrical Engineering	5	0.03%	3	0.02%
Electronic Engineering	1	0.01%	1	0.01%
Electronics	2	0.01%	1	0.01%
Elementary Education	6	0.04%	5	0.04%
Emergency Med-Tech	4	0.03%	4	0.03%
Engineering	17	0.11%	13	0.10%
English	33	0.21%	27	0.21%
Entomology	2	0.01%	1	0.01%
Environmental Engineering	2	0.01%	1	0.01%
Environmental Health	9	0.06%	8	0.06%
Environmental Management	3	0.02%	2	0.02%
Environmental Studies	26	0.16%	23	0.18%
Epidemiology	14	0.09%	9	0.07%
Exercise Science	72	0.45%	67	0.51%
Family and Consumer Sciences	1	0.01%	1	0.01%
Fashion Design	4	0.03%	2	0.02%
Film	2	0.01%	2	0.02%
Finance	23	0.14%	20	0.15%
Food Science	27	0.17%	22	0.17%
Foreign Language	4	0.03%	4	0.03%
Forestry	1	0.01%	1	0.01%
French	6	0.04%	5	0.04%
Gender Studies	16	0.10%	12	0.09%
General Studies	303	1.91%	227	1.73%
Genetics	20	0.13%	19	0.14%
Geography	4	0.03%	4	0.03%
Geology	7	0.04%	4	0.03%
Geophysics	1	0.01%	1	0.01%
Geosciences	2	0.01%	0	0.00%
German	5	0.03%	3	0.02%
Gerontology	1	0.01%	1	0.01%
Global Studies	4	0.03%	4	0.03%
Graphic Design	8	0.05%	6	0.05%
Health	32	0.20%	25	0.19%
Health Administration	65	0.41%	49	0.37%
Health Communication	1	0.01%	0	0.00%
Health Education	8	0.05%	7	0.05%
Health Information Management	8	0.05%	6	0.05%

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Health Science	396	2.49%	319	2.43%
Hematology	1	0.01%	1	0.01%
Hispanic Language & Literature	4	0.03%	4	0.03%
History	26	0.16%	21	0.16%
History of Art & Architecture	1	0.01%	1	0.01%
Hospitality Management	6	0.04%	6	0.05%
Human Biology	79	0.50%	63	0.48%
Human Development	22	0.14%	17	0.13%
Human Services	8	0.05%	2	0.02%
Humanities	9	0.06%	8	0.06%
Immunology	6	0.04%	6	0.05%
Independent/Interdisciplinary Studies	21	0.13%	17	0.13%
Industrial Economics	1	0.01%	1	0.01%
Industrial Engineering	4	0.03%	3	0.02%
Industrial Pharmacy	7	0.04%	4	0.03%
Industrial Psychology	2	0.01%	1	0.01%
Industrial Technology	3	0.02%	2	0.02%
Informatics	1	0.01%	1	0.01%
Information Sciences	1	0.01%	1	0.01%
Information Security	1	0.01%	0	0.00%
Information Systems	8	0.05%	5	0.04%
Information Technology	5	0.03%	4	0.03%
Integrative Biology	27	0.17%	22	0.17%
Interdisciplinary Studies	41	0.26%	32	0.24%
Interior Design	2	0.01%	2	0.02%
International Business	7	0.04%	6	0.05%
International Health	1	0.01%	1	0.01%
International Relations	2	0.01%	2	0.02%
International Studies	6	0.04%	6	0.05%
Italian	2	0.01%	2	0.02%
Japanese	1	0.01%	1	0.01%
Jewish Studies	1	0.01%	1	0.01%
Journalism	7	0.04%	5	0.04%
Kinesiology	65	0.41%	60	0.46%
Laboratory Technology	10	0.06%	6	0.05%
Latin American Studies	1	0.01%	1	0.01%
Law	5	0.03%	3	0.02%
Liberal Arts	152	0.96%	123	0.94%
Liberal Studies	18	0.11%	12	0.09%
Library Science	4	0.03%	4	0.03%
Linguistics	4	0.03%	3	0.02%
Literature	3	0.02%	1	0.01%
Management	35	0.22%	22	0.17%

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Marine Biology	4	0.03%	3	0.02%
Marine Science	0	0.00%	0	0.00%
Marketing	24	0.15%	18	0.14%
Materials Science	2	0.01%	2	0.02%
Mathematics	75	0.47%	65	0.49%
Mechanical Engineering	12	0.08%	7	0.05%
Media Design	1	0.01%	1	0.01%
Media Technology	1	0.01%	0	0.00%
Medical Assistant	3	0.02%	3	0.02%
Medical Tech	33	0.21%	19	0.14%
Medicine	31	0.20%	24	0.18%
Microbiology	169	1.06%	152	1.16%
Molecular Biology	75	0.47%	68	0.52%
Molecular Biology, Cell Biology & Biochemistry	77	0.48%	65	0.49%
Multimedia	1	0.01%	1	0.01%
Music	15	0.09%	14	0.11%
Music Education	2	0.01%	2	0.02%
Music Industry and Technology	2	0.01%	2	0.02%
Music Performance	6	0.04%	6	0.05%
Musicology	1	0.01%	1	0.01%
Natural Science	117	0.74%	85	0.65%
Neurobiology	29	0.18%	27	0.21%
Neuropsychology	4	0.03%	4	0.03%
Neuroscience	120	0.76%	113	0.86%
No Answer	290	1.83%	223	1.70%
Nurse Practitioner	1	0.01%	0	0.00%
Nursing	81	0.51%	70	0.53%
Nutrition	136	0.86%	119	0.91%
Occupational Therapy	1	0.01%	1	0.01%
Optometry	1	0.01%	0	0.00%
Organismic Biology	3	0.02%	3	0.02%
Organizational Development	4	0.03%	2	0.02%
Osteopathic Medicine	1	0.01%	0	0.00%
Other Health Sciences Major	75	0.47%	65	0.49%
Other Life Sciences Major	26	0.16%	24	0.18%
Other Physical Sciences Major	9	0.06%	8	0.06%
Other Social Sciences Major	2	0.01%	2	0.02%
Other/Not Listed	223	1.40%	203	1.55%
Parasitology	0	0.00%	0	0.00%
Pathology	3	0.02%	2	0.02%
Performance	1	0.01%	1	0.01%
Petroleum Engineering	4	0.03%	2	0.02%
Pharmaceutical Sciences	647	4.07%	532	4.05%

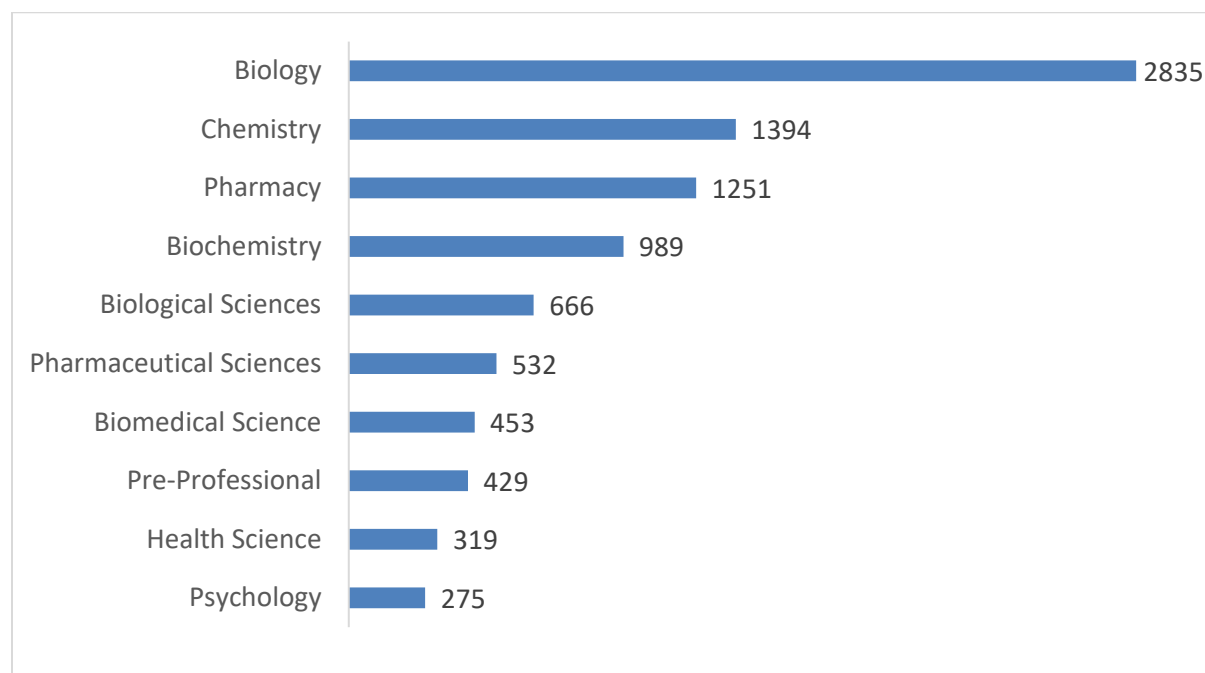
All uses of this data should reference the American Association of Colleges of Pharmacy (AACP) as the source of the data and acknowledge that AACP bears no responsibility for interpretations presented or conclusions reached based on analysis of the data.

Pharmacology	98	0.62%	81	0.62%
Pharmacy	1648	10.37%	1251	9.52%
Philosophy	13	0.08%	9	0.07%
Physical Education	4	0.03%	3	0.02%
Physical Science	13	0.08%	10	0.08%
Physical Therapist Assistant	2	0.01%	1	0.01%
Physical Therapy - Pre-PT	1	0.01%	1	0.01%
Physician Assistant	4	0.03%	4	0.03%
Physics	19	0.12%	13	0.10%
Physiology	87	0.55%	74	0.56%
Policy Studies	1	0.01%	1	0.01%
Political Science	27	0.17%	26	0.20%
Polymers and Coatings	3	0.02%	3	0.02%
Premedical	91	0.57%	75	0.57%
Pre-Professional	502	3.16%	429	3.27%
Psychobiology	30	0.19%	29	0.22%
Psychology	337	2.12%	275	2.09%
Public Administration	5	0.03%	3	0.02%
Public Health	155	0.98%	137	1.04%
Public Policy	1	0.01%	0	0.00%
Public Relations	2	0.01%	2	0.02%
Quality Assurance	3	0.02%	2	0.02%
Radiology	17	0.11%	13	0.10%
Recreation Administration	1	0.01%	1	0.01%
Regulatory Affairs	5	0.03%	3	0.02%
Rehabilitation Counseling	1	0.01%	1	0.01%
Rehabilitation Science	2	0.01%	2	0.02%
Religion	2	0.01%	2	0.02%
Religious Studies	2	0.01%	2	0.02%
Research Methods	1	0.01%	1	0.01%
Respiratory Therapy	12	0.08%	9	0.07%
Russian and Central European Studies	0	0.00%	0	0.00%
Science, Technology and Society	121	0.76%	86	0.65%
Screenwriting	2	0.01%	2	0.02%
Social Sciences	22	0.14%	15	0.11%
Social Work	5	0.03%	4	0.03%
Sociology	47	0.30%	36	0.27%
Software Engineering	1	0.01%	0	0.00%
Spanish	33	0.21%	30	0.23%
Special Education	2	0.01%	2	0.02%
Sports Medicine	3	0.02%	3	0.02%
Statistics	8	0.05%	8	0.06%
Telecommunication Engineering	1	0.01%	1	0.01%

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Theater Arts	3	0.02%	3	0.02%
Theology	2	0.01%	2	0.02%
Toxicology	25	0.16%	21	0.16%
Urban Planning	1	0.01%	1	0.01%
Veterinary Medicine	9	0.06%	8	0.06%
Virology	1	0.01%	1	0.01%
Women's Studies	1	0.01%	1	0.01%
World Languages and Cultures	1	0.01%	1	0.01%
Writing	2	0.01%	2	0.02%
Zoology	12	0.08%	10	0.08%
TOTAL	15886	100%	13139	100%

**Figure 40: Most Identified College Majors for Accepted PharmCAS Applicants**





## PRIMARY INSTITUTIONS ATTENDED

Applicants are instructed to identify one primary undergraduate institution. The primary institution is the college or university where applicants report where they have or will 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 41: Primary Institutions Attended for PharmCAS Applicants**

School Name	School State/ Province	All	Accepted
GRANT MACEWAN UNIVERSITY	AB	1	1
MOUNT ROYAL UNIVERSITY	AB	2	0
UNIVERSITY OF ALBERTA	AB	3	2
UNIVERSITY OF CALGARY	AB	2	0
UNIVERSITY OF ALASKA - ANCHORAGE	AK	1	1
UNIVERSITY OF ALASKA - FAIRBANKS	AK	2	1
ALABAMA AGRICULTURAL AND MECHANICAL UNIVERSITY	AL	3	2
ALABAMA STATE UNIVERSITY	AL	3	2
AUBURN UNIVERSITY - AUBURN	AL	98	95
AUBURN UNIVERSITY - MONTGOMERY	AL	6	4
BEVILL STATE COMMUNITY COLLEGE	AL	2	2
BIRMINGHAM-SOUTHERN COLLEGE	AL	2	2
CALHOUN COMMUNITY COLLEGE	AL	1	1
COMMUNITY COLLEGE OF THE AIR FORCE - MAXWELL GUNTER AFB	AL	1	0
ENTERPRISE-OZARK COMMUNITY COLLEGE	AL	1	1
FAULKNER STATE COMMUNITY COLLEGE	AL	2	1
GADSDEN STATE COMMUNITY COLLEGE	AL	3	3
HUNTINGDON COLLEGE	AL	7	7
JACKSONVILLE STATE UNIVERSITY	AL	10	8
JEFFERSON STATE COMMUNITY COLLEGE	AL	6	4
NORTHEAST ALABAMA COMMUNITY COLLEGE	AL	4	4
NORTHWEST-SHOALS COMMUNITY COLLEGE	AL	2	2
OAKWOOD UNIVERSITY	AL	5	3
SAMFORD UNIVERSITY	AL	41	38
SNEAD STATE COMMUNITY COLLEGE	AL	2	1
SPRING HILL COLLEGE	AL	2	2
STILLMAN COLLEGE	AL	3	2
TROY UNIVERSITY - DOTHAN	AL	2	2
TROY UNIVERSITY - TROY	AL	12	12
TUSKEGEE UNIVERSITY	AL	3	1
UNIVERSITY OF ALABAMA - BIRMINGHAM	AL	35	31
UNIVERSITY OF ALABAMA - HUNTSVILLE	AL	5	4
UNIVERSITY OF ALABAMA - TUSCALOOSA	AL	27	22
UNIVERSITY OF MOBILE	AL	1	1
UNIVERSITY OF MONTEVALLO	AL	4	3
UNIVERSITY OF NORTH ALABAMA	AL	11	11
UNIVERSITY OF SOUTH ALABAMA	AL	25	17
UNIVERSITY OF WEST ALABAMA	AL	2	2
WALLACE COMMUNITY COLLEGE - SELMA	AL	2	2
WALLACE STATE COMMUNITY COLLEGE - HANCEVILLE	AL	1	1
ARKANSAS STATE UNIVERSITY - BEEBE	AR	3	3

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ARKANSAS STATE UNIVERSITY - JONESBORO	AR	17	16
ARKANSAS STATE UNIVERSITY - MAIN	AR	2	2
ARKANSAS TECH UNIVERSITY - RUSSELLVILLE / MAIN CAMPUS	AR	3	2
CENTRAL BAPTIST COLLEGE	AR	1	1
HARDING UNIVERSITY	AR	10	9
HENDERSON STATE UNIVERSITY	AR	5	4
HENDRIX COLLEGE	AR	5	5
JOHN BROWN UNIVERSITY	AR	1	0
LYON COLLEGE	AR	5	5
OUACHITA BAPTIST UNIVERSITY	AR	6	6
PHILANDER SMITH COLLEGE	AR	3	2
SOUTHERN ARKANSAS UNIVERSITY - MAGNOLIA	AR	6	6
UNIVERSITY OF ARKANSAS - FORT SMITH	AR	5	3
UNIVERSITY OF ARKANSAS - LITTLE ROCK	AR	14	14
UNIVERSITY OF ARKANSAS - MAIN CAMPUS	AR	41	36
UNIVERSITY OF ARKANSAS - MONTICELLO	AR	7	7
UNIVERSITY OF ARKANSAS - PINE BLUFF	AR	3	3
UNIVERSITY OF CENTRAL ARKANSAS	AR	31	27
UNIVERSITY OF PHOENIX (AR)	AR	1	0
UNIVERSITY OF THE OZARKS	AR	1	1
ARIZONA STATE UNIVERSITY - DOWNTOWN PHOENIX	AZ	12	9
ARIZONA STATE UNIVERSITY - TEMPE	AZ	51	41
ARIZONA STATE UNIVERSITY AT THE WEST CAMPUS	AZ	10	7
ARIZONA STATE UNIVERSITY POLYTECHNIC CAMPUS	AZ	6	5
CENTRAL ARIZONA COLLEGE	AZ	5	1
CHANDLER-GILBERT COMMUNITY COLLEGE	AZ	6	2
EASTERN ARIZONA COLLEGE	AZ	1	1
ESTRELLA MOUNTAIN COMMUNITY COLLEGE	AZ	6	5
GATEWAY COMMUNITY COLLEGE - PHOENIX	AZ	1	0
GLENDALE COMMUNITY COLLEGE (AZ)	AZ	30	24
GRAND CANYON UNIVERSITY	AZ	10	7
MESA COMMUNITY COLLEGE	AZ	12	11
MOHAVE COMMUNITY COLLEGE	AZ	1	1
NORTHERN ARIZONA UNIVERSITY - FLAGSTAFF	AZ	13	12
OTTAWA UNIVERSITY (AZ)	AZ	1	0
PARADISE VALLEY COMMUNITY COLLEGE	AZ	7	5
PHOENIX COLLEGE	AZ	7	6
PIMA COMMUNITY COLLEGE	AZ	7	4
PIMA MEDICAL INSTITUTE - TUCSON	AZ	1	1
RIO SALADO COLLEGE	AZ	5	4
SCOTTSDALE COMMUNITY COLLEGE	AZ	4	4
SOUTH MOUNTAIN COMMUNITY COLLEGE	AZ	4	3
UNIVERSITY OF ARIZONA	AZ	43	33
UNIVERSITY OF PHOENIX (AZ)	AZ	5	3
YAVAPAI COLLEGE	AZ	2	1
SIMON FRASER UNIVERSITY	BC	1	0
UNIVERSITY OF BRITISH COLUMBIA	BC	3	3
UNIVERSITY OF NORTHERN BRITISH COLUMBIA	BC	1	1
AMERICAN RIVER COLLEGE	CA	4	2
ANTELOPE VALLEY COLLEGE	CA	1	1

AZUSA PACIFIC UNIVERSITY	CA	8	8
BAKERSFIELD COLLEGE	CA	1	1
BIOLA UNIVERSITY	CA	1	1
BUTTE COLLEGE	CA	1	1
CALIFORNIA BAPTIST UNIVERSITY	CA	5	4
CALIFORNIA LUTHERAN UNIVERSITY	CA	1	1
CALIFORNIA NORTHSTATE UNIVERSITY	CA	2	2
CALIFORNIA POLYTECHNIC STATE UNIVERSITY - SAN LUIS OBISPO	CA	6	6
CALIFORNIA STATE POLYTECHNIC UNIVERSITY - POMONA	CA	26	23
CALIFORNIA STATE UNIVERSITY - BAKERSFIELD	CA	14	13
CALIFORNIA STATE UNIVERSITY - CHANNEL ISLANDS	CA	4	4
CALIFORNIA STATE UNIVERSITY - CHICO	CA	12	11
CALIFORNIA STATE UNIVERSITY - DOMINGUEZ HILLS	CA	16	15
CALIFORNIA STATE UNIVERSITY - EAST BAY	CA	20	17
CALIFORNIA STATE UNIVERSITY - FRESNO	CA	39	36
CALIFORNIA STATE UNIVERSITY - FULLERTON	CA	38	33
CALIFORNIA STATE UNIVERSITY - LONG BEACH	CA	41	34
CALIFORNIA STATE UNIVERSITY - LOS ANGELES	CA	29	23
CALIFORNIA STATE UNIVERSITY - MONTEREY BAY	CA	7	7
CALIFORNIA STATE UNIVERSITY - NORTHRIDGE	CA	73	62
CALIFORNIA STATE UNIVERSITY - SACRAMENTO	CA	48	41
CALIFORNIA STATE UNIVERSITY - SAN BERNARDINO	CA	14	11
CALIFORNIA STATE UNIVERSITY - SAN MARCOS	CA	10	10
CALIFORNIA STATE UNIVERSITY - STANISLAUS	CA	25	19
CANADA COLLEGE	CA	1	1
CERRITOS COLLEGE	CA	3	2
CHABOT COLLEGE	CA	2	1
CHAFFEY COLLEGE	CA	4	4
CHAPMAN UNIVERSITY	CA	29	27
CHARLES R. DREW UNIVERSITY OF MEDICINE AND SCIENCE	CA	1	1
CITY COLLEGE OF SAN FRANCISCO	CA	4	4
CLAREMONT MCKENNA COLLEGE	CA	3	3
CLOVIS COMMUNITY COLLEGE	CA	8	7
COASTLINE COMMUNITY COLLEGE	CA	6	5
COLLEGE OF MARIN	CA	1	1
COLLEGE OF THE CANYONS	CA	2	2
CONCORDIA UNIVERSITY - IRVINE	CA	1	1
CRAFTON HILLS COLLEGE	CA	1	1
CYPRESS COLLEGE	CA	1	1
DE ANZA COLLEGE	CA	1	1
DEVRY INSTITUTE OF TECHNOLOGY - FREMONT	CA	1	1
DIABLO VALLEY COLLEGE	CA	1	1
DOMINICAN UNIVERSITY OF CALIFORNIA	CA	1	1
EAST LOS ANGELES COLLEGE	CA	2	2
EL CAMINO COLLEGE	CA	1	1
EVERGREEN VALLEY COLLEGE	CA	2	2
FOOTHILL COLLEGE	CA	3	3
FRESNO CITY COLLEGE	CA	2	2
FRESNO PACIFIC UNIVERSITY	CA	3	2
FULLERTON COLLEGE	CA	1	1

GLENDAL COMMUNITY COLLEGE (CA)	CA	2	1
GOLDEN WEST COLLEGE	CA	1	1
HUMBOLDT STATE UNIVERSITY	CA	1	1
IRVINE VALLEY COLLEGE	CA	2	1
LA SIERRA UNIVERSITY	CA	10	9
LANEY COLLEGE	CA	1	1
LAS POSITAS COLLEGE	CA	1	1
LOMA LINDA UNIVERSITY	CA	1	0
LONG BEACH CITY COLLEGE	CA	3	3
LOS ANGELES CITY COLLEGE	CA	2	1
LOS ANGELES HARBOR COLLEGE	CA	3	1
LOS ANGELES PIERCE COLLEGE	CA	11	9
LOS ANGELES SOUTHWEST COLLEGE	CA	1	1
LOS ANGELES VALLEY COLLEGE	CA	3	2
LOS MEDANOS COLLEGE	CA	3	1
LOYOLA MARYMOUNT UNIVERSITY	CA	6	5
MERCED COLLEGE	CA	1	1
MILLS COLLEGE	CA	2	2
MIRA COSTA COLLEGE	CA	2	2
MISSION COLLEGE	CA	2	2
MODESTO JUNIOR COLLEGE	CA	1	0
MOORPARK COLLEGE	CA	1	1
MORENO VALLEY COLLEGE	CA	2	1
MOUNT SAINT MARY'S COLLEGE	CA	2	1
MOUNT SAN ANTONIO COLLEGE	CA	3	3
MOUNT SAN JACINTO COLLEGE	CA	2	1
NATIONAL UNIVERSITY	CA	1	0
NOTRE DAME DE NAMUR UNIVERSITY	CA	1	0
OCCIDENTAL COLLEGE	CA	3	3
ORANGE COAST COLLEGE	CA	8	6
PACIFIC UNION COLLEGE	CA	3	1
PASADENA CITY COLLEGE	CA	3	2
PEPPERDINE UNIVERSITY	CA	1	1
RIVERSIDE CITY COLLEGE	CA	3	2
SADDLEBACK COLLEGE	CA	3	2
SAINT MARY'S COLLEGE OF CALIFORNIA	CA	1	1
SAN BERNARDINO VALLEY COLLEGE	CA	1	1
SAN DIEGO CITY COLLEGE	CA	1	1
SAN DIEGO MESA COLLEGE	CA	4	4
SAN DIEGO MIRAMAR COLLEGE	CA	3	2
SAN DIEGO STATE UNIVERSITY	CA	31	30
SAN FRANCISCO STATE UNIVERSITY	CA	35	28
SAN JOAQUIN DELTA COLLEGE	CA	1	1
SAN JOSE STATE UNIVERSITY	CA	24	22
SANTA ANA COLLEGE	CA	3	3
SANTA BARBARA CITY COLLEGE	CA	1	1
SANTA CLARA UNIVERSITY	CA	4	3
SANTA MONICA COLLEGE	CA	3	2
SANTA ROSA JUNIOR COLLEGE	CA	2	1
SANTIAGO CANYON COLLEGE	CA	2	1

SCRIPPS COLLEGE	CA	1	1
SIERRA COLLEGE	CA	2	1
SONOMA STATE UNIVERSITY	CA	4	4
SOUTHERN CALIFORNIA UNIVERSITY OF HEALTH SCIENCES	CA	7	5
TOURO UNIVERSITY WORLDWIDE	CA	1	1
TRIDENT UNIVERSITY INTERNATIONAL (TUI)	CA	1	1
UNIVERSITY OF CALIFORNIA - BERKELEY	CA	49	45
UNIVERSITY OF CALIFORNIA - BERKELEY (EXTENSION)	CA	1	1
UNIVERSITY OF CALIFORNIA - DAVIS	CA	160	144
UNIVERSITY OF CALIFORNIA - IRVINE	CA	210	197
UNIVERSITY OF CALIFORNIA - LOS ANGELES	CA	122	115
UNIVERSITY OF CALIFORNIA - MERCED	CA	29	24
UNIVERSITY OF CALIFORNIA - RIVERSIDE	CA	95	85
UNIVERSITY OF CALIFORNIA - SAN DIEGO	CA	158	137
UNIVERSITY OF CALIFORNIA - SANTA BARBARA	CA	45	39
UNIVERSITY OF CALIFORNIA - SANTA CRUZ	CA	32	28
UNIVERSITY OF LA VERNE	CA	4	4
UNIVERSITY OF PHOENIX (CA)	CA	2	0
UNIVERSITY OF REDLANDS	CA	3	2
UNIVERSITY OF SAN DIEGO	CA	3	3
UNIVERSITY OF SAN FRANCISCO	CA	5	4
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	21	20
UNIVERSITY OF THE PACIFIC	CA	162	145
VANGUARD UNIVERSITY OF SOUTHERN CALIFORNIA	CA	1	1
VENTURA COLLEGE	CA	1	1
WEST HILLS COLLEGE - LEMOORE	CA	1	1
WEST LOS ANGELES COLLEGE	CA	2	2
WEST VALLEY COLLEGE	CA	1	1
WHITTIER COLLEGE	CA	3	3
YUBA COLLEGE	CA	1	1
ADAMS STATE COLLEGE	CO	3	2
AIMS COMMUNITY COLLEGE	CO	1	1
ARAPAHOE COMMUNITY COLLEGE	CO	1	1
COLORADO CHRISTIAN UNIVERSITY	CO	1	1
COLORADO COLLEGE	CO	1	1
COLORADO MESA UNIVERSITY	CO	4	3
COLORADO MOUNTAIN COLLEGE - BRECKENRIDGE AND DILLON	CO	1	1
COLORADO MOUNTAIN COLLEGE - GLENWOOD SPRINGS-SPRING VALLEY	CO	1	1
COLORADO SCHOOL OF MINES	CO	3	2
COLORADO STATE UNIVERSITY - FORT COLLINS	CO	10	10
COLORADO STATE UNIVERSITY - PUEBLO	CO	3	1
COLORADO TECHNICAL UNIVERSITY - COLORADO SPRINGS, CO	CO	1	0
COMMUNITY COLLEGE OF AURORA	CO	2	1
FORT LEWIS COLLEGE	CO	1	1
FRONT RANGE COMMUNITY COLLEGE	CO	6	3
METROPOLITAN STATE UNIVERSITY OF DENVER	CO	12	6
PIKES PEAK COMMUNITY COLLEGE	CO	2	1
PIMA MEDICAL INSTITUTE - DENVER	CO	1	0
RED ROCKS COMMUNITY COLLEGE	CO	3	1
REGIS UNIVERSITY	CO	9	9

UNIVERSITY OF COLORADO - BOULDER	CO	23	22
UNIVERSITY OF COLORADO - COLORADO SPRINGS	CO	13	12
UNIVERSITY OF COLORADO - DENVER AND HEALTH SCIENCES CENTER	CO	22	16
UNIVERSITY OF DENVER	CO	3	3
UNIVERSITY OF NORTHERN COLORADO	CO	4	4
CAPITAL COMMUNITY COLLEGE	CT	1	1
CENTRAL CONNECTICUT STATE UNIVERSITY	CT	17	15
EASTERN CONNECTICUT STATE UNIVERSITY	CT	4	2
FAIRFIELD UNIVERSITY	CT	3	3
QUINNIPIAC UNIVERSITY	CT	6	6
SACRED HEART UNIVERSITY	CT	1	1
SOUTHERN CONNECTICUT STATE UNIVERSITY	CT	3	2
UNIVERSITY OF BRIDGEPORT	CT	10	7
UNIVERSITY OF CONNECTICUT	CT	117	92
UNIVERSITY OF HARTFORD	CT	2	2
UNIVERSITY OF NEW HAVEN	CT	3	2
UNIVERSITY OF SAINT JOSEPH	CT	7	5
WESLEYAN UNIVERSITY	CT	1	1
WESTERN CONNECTICUT STATE UNIVERSITY	CT	2	2
AMERICAN UNIVERSITY	DC	2	2
GALLAUDET UNIVERSITY	DC	1	0
GEORGE WASHINGTON UNIVERSITY	DC	3	2
GEORGETOWN UNIVERSITY	DC	2	2
HOWARD UNIVERSITY	DC	9	9
UNIVERSITY OF THE DISTRICT OF COLUMBIA	DC	3	3
DELAWARE STATE UNIVERSITY	DE	4	3
DELAWARE TECHNICAL AND COMM COLLEGE - OWENS / GEORGETOWN	DE	1	0
DELAWARE TECHNICAL AND COMM COLLEGE - STANTON / WILMINGTON	DE	2	1
DELAWARE TECHNICAL AND COMMUNITY COLLEGE - TERRY	DE	0	0
UNIVERSITY OF DELAWARE - NEWARK	DE	9	9
ADVENTIST UNIVERSITY OF THE HEALTH SCIENCES	FL	2	1
ATLANTIC TECHNICAL CENTER	FL	1	0
AVE MARIA UNIVERSITY	FL	2	1
BARRY UNIVERSITY	FL	3	1
BETHUNE-COOKMAN UNIVERSITY	FL	2	0
BROWARD COLLEGE	FL	26	19
CHIPOLA COLLEGE	FL	1	0
COLLEGE OF CENTRAL FLORIDA	FL	8	5
DAYTONA STATE COLLEGE	FL	3	3
EASTERN FLORIDA STATE COLLEGE	FL	5	3
ECKERD COLLEGE	FL	2	1
FLORIDA AGRICULTURAL AND MECHANICAL UNIVERSITY	FL	14	8
FLORIDA ATLANTIC UNIVERSITY	FL	52	43
FLORIDA GATEWAY COLLEGE	FL	2	2
FLORIDA GULF COAST UNIVERSITY	FL	16	12
FLORIDA INSTITUTE OF TECHNOLOGY	FL	2	2
FLORIDA INTERNATIONAL UNIVERSITY	FL	82	69
FLORIDA MEMORIAL UNIVERSITY	FL	2	1
FLORIDA NATIONAL COLLEGE - HIALEAH/BIRD ROAD CAMPUS/FLAGLER	FL	1	0
FLORIDA SOUTHERN COLLEGE	FL	1	1

FLORIDA SOUTHWESTERN STATE COLLEGE	FL	6	5
FLORIDA STATE COLLEGE - JACKSONVILLE	FL	11	3
FLORIDA STATE UNIVERSITY	FL	45	37
GULF COAST STATE COLLEGE	FL	6	5
HILLSBOROUGH COMMUNITY COLLEGE	FL	13	8
HODGES UNIVERSITY	FL	1	0
INDIAN RIVER STATE COLLEGE	FL	11	8
KEISER UNIVERSITY	FL	1	1
LAKE-SUMTER STATE COLLEGE	FL	1	1
LECOM - LAKE ERIE COLLEGE OF OSTEOPATHIC MED - BRADENTON, FL	FL	1	1
LYNN UNIVERSITY	FL	1	1
MIAMI - DADE COLLEGE	FL	75	61
NEW COLLEGE OF FLORIDA	FL	1	1
NORTHWEST FLORIDA STATE COLLEGE	FL	3	2
NOVA SOUTHEASTERN UNIVERSITY	FL	18	16
NOVA SOUTHEASTERN UNIVERSITY HEALTH PROFESSIONS DIVISION	FL	1	1
PALM BEACH ATLANTIC UNIVERSITY	FL	24	22
PALM BEACH STATE COLLEGE	FL	21	14
PENSACOLA CHRISTIAN COLLEGE	FL	5	5
PENSACOLA STATE COLLEGE	FL	4	4
POLK STATE COLLEGE	FL	2	1
SAINT LEO UNIVERSITY (FL)	FL	2	0
SAINT PETERSBURG COLLEGE	FL	16	15
SAINT THOMAS UNIVERSITY (FL)	FL	3	2
SANTA FE COLLEGE	FL	9	5
SCHILLER INTERNATIONAL UNIVERSITY (FLORIDA)	FL	1	0
SEMINOLE STATE COLLEGE OF FLORIDA	FL	10	8
SOUTH FLORIDA STATE COLLEGE	FL	2	2
SOUTHEASTERN UNIVERSITY - LAKELAND	FL	4	3
ST. JOHNS RIVER STATE COLLEGE	FL	1	1
STATE COLLEGE OF FLORIDA - BRADENTON	FL	3	2
STATE COLLEGE OF FLORIDA - MANATEE-SARASOTA	FL	3	3
STETSON UNIVERSITY	FL	3	3
TALLAHASSEE COMMUNITY COLLEGE	FL	1	1
UNIVERSITY OF CENTRAL FLORIDA	FL	82	72
UNIVERSITY OF FLORIDA	FL	115	110
UNIVERSITY OF MIAMI	FL	13	13
UNIVERSITY OF NORTH FLORIDA	FL	16	13
UNIVERSITY OF PHOENIX (FL)	FL	1	0
UNIVERSITY OF SOUTH FLORIDA - SAINT PETERSBURG	FL	8	6
UNIVERSITY OF SOUTH FLORIDA - SARASOTA-MANATEE	FL	3	3
UNIVERSITY OF SOUTH FLORIDA - TAMPA	FL	144	125
UNIVERSITY OF TAMPA	FL	9	8
UNIVERSITY OF WEST FLORIDA	FL	22	21
VALENCIA COLLEGE	FL	21	12
ABRAHAM BALDWIN AGRICULTURAL COLLEGE	GA	11	6
AGNES SCOTT COLLEGE	GA	2	2
ALBANY STATE UNIVERSITY	GA	7	4
ARMSTRONG ATLANTIC STATE UNIVERSITY	GA	20	19
ATLANTA METROPOLITAN COLLEGE	GA	3	3

AUGUSTA UNIVERSITY	GA	9	6
BAINBRIDGE COLLEGE	GA	4	4
BERRY COLLEGE	GA	2	2
BRENAU UNIVERSITY	GA	2	2
CHATTAHOOCHEE TECHNICAL COLLEGE	GA	2	1
CLARK ATLANTA UNIVERSITY	GA	4	2
CLAYTON STATE UNIVERSITY	GA	12	11
COLLEGE OF COASTAL GEORGIA	GA	8	5
COLUMBUS STATE UNIVERSITY	GA	12	9
COVENANT COLLEGE	GA	1	1
DALTON STATE COLLEGE	GA	8	6
DARTON COLLEGE	GA	1	1
EMMANUEL COLLEGE (GA)	GA	1	0
EMORY UNIVERSITY	GA	11	9
FORT VALLEY STATE UNIVERSITY	GA	3	0
GAINESVILLE COLLEGE (Now Part of the UNIVERSITY OF NORTH GEORGIA)	GA	3	2
GEORGIA COLLEGE AND STATE UNIVERSITY	GA	4	2
GEORGIA GWINNETT COLLEGE	GA	21	16
GEORGIA HIGHLANDS COLLEGE	GA	2	0
GEORGIA INSTITUTE OF TECHNOLOGY	GA	8	8
GEORGIA MILITARY COLLEGE	GA	2	2
GEORGIA PERIMETER COLLEGE	GA	10	8
GEORGIA SOUTHERN UNIVERSITY	GA	31	30
GEORGIA SOUTHWESTERN STATE UNIVERSITY	GA	5	4
GEORGIA STATE UNIVERSITY	GA	80	66
GORDON STATE COLLEGE	GA	8	6
KENNESAW STATE UNIVERSITY	GA	31	25
LAGRANGE COLLEGE	GA	1	1
MACON STATE COLLEGE (Now Part of MIDDLE GEORGIA STATE COLLEGE)	GA	4	2
MERCER UNIVERSITY - MACON	GA	27	21
MIDDLE GEORGIA COLLEGE (Now Part of MIDDLE GEORGIA STATE C)	GA	3	3
MIDDLE GEORGIA STATE COLLEGE	GA	4	3
OGLETHORPE UNIVERSITY	GA	1	1
POINT UNIVERSITY	GA	1	1
REINHARDT COLLEGE	GA	1	1
SAVANNAH STATE UNIVERSITY	GA	3	0
SOUTH GEORGIA COLLEGE	GA	6	6
SPELMAN COLLEGE	GA	5	3
UNIVERSITY OF GEORGIA	GA	114	103
UNIVERSITY OF NORTH GEORGIA	GA	21	17
UNIVERSITY OF WEST GEORGIA	GA	10	7
VALDOSTA STATE UNIVERSITY	GA	16	14
WAYCROSS COLLEGE	GA	2	0
WESLEYAN COLLEGE	GA	1	0
YOUNG HARRIS COLLEGE	GA	3	3
UNIVERSITY OF GUAM	GU	4	4
BRIGHAM YOUNG UNIVERSITY - HAWAII	HI	2	2
CHAMINADE UNIVERSITY OF HONOLULU	HI	4	3
HAWAII COMMUNITY COLLEGE	HI	1	0
HAWAII PACIFIC UNIVERSITY	HI	3	3



KAPIOLANI COMMUNITY COLLEGE	HI	3	2
LEEWARD COMMUNITY COLLEGE	HI	3	1
THE UNIVERSITY OF HAWAI'I - MAUI COLLEGE	HI	1	0
UNIVERSITY OF HAWAII - HILO	HI	25	23
UNIVERSITY OF HAWAII - MANOA	HI	45	39
UNIVERSITY OF HAWAII - WEST OAHU	HI	2	1
ASHFORD UNIVERSITY	IA	1	1
BRIAR CLIFF UNIVERSITY	IA	1	1
CENTRAL COLLEGE	IA	3	3
COE COLLEGE	IA	1	1
CORNELL COLLEGE	IA	1	1
DES MOINES AREA COMMUNITY COLLEGE	IA	7	4
DRAKE UNIVERSITY	IA	83	71
GRAND VIEW UNIVERSITY	IA	1	0
GRINNELL COLLEGE	IA	1	0
HAWKEYE COMMUNITY COLLEGE	IA	1	1
INDIAN HILLS COMMUNITY COLLEGE	IA	1	0
IOWA STATE UNIVERSITY	IA	13	13
IOWA WESLEYAN COLLEGE	IA	1	1
IOWA WESTERN COMMUNITY COLLEGE	IA	3	2
KAPLAN UNIVERSITY (IA)	IA	2	2
KIRKWOOD COMMUNITY COLLEGE	IA	5	5
LORAS COLLEGE	IA	1	1
LUTHER COLLEGE	IA	2	2
MORNINGSIDE COLLEGE	IA	1	1
NORTH IOWA AREA COMMUNITY COLLEGE	IA	1	1
NORTHWESTERN COLLEGE (IA)	IA	1	1
SAINT AMBROSE UNIVERSITY	IA	4	4
SOUTHEASTERN COMMUNITY COLLEGE - WEST BURLINGTON	IA	1	1
UNIVERSITY OF DUBUQUE	IA	1	1
UNIVERSITY OF IOWA	IA	79	75
UNIVERSITY OF NORTHERN IOWA	IA	6	6
UPPER IOWA UNIVERSITY	IA	1	1
WARTBURG COLLEGE	IA	1	1
WESTERN IOWA TECHNOLOGY COMMUNITY COLLEGE	IA	1	1
BOISE STATE UNIVERSITY	ID	8	7
BRIGHAM YOUNG UNIVERSITY - IDAHO	ID	7	5
IDAHO STATE UNIVERSITY	ID	6	2
LEWIS-CLARK STATE COLLEGE	ID	1	1
NORTH IDAHO COLLEGE	ID	1	1
THE COLLEGE OF IDAHO	ID	1	0
UNIVERSITY OF IDAHO	ID	3	3
AUGUSTANA COLLEGE (IL)	IL	7	6
AURORA UNIVERSITY	IL	1	1
BENEDICTINE UNIVERSITY - LISLE	IL	16	13
BRADLEY UNIVERSITY	IL	4	4
CARL SANDBURG COLLEGE	IL	1	1
CHAMBERLAIN COLLEGE OF NURSING - CHICAGO, IL	IL	1	1
CHICAGO STATE UNIVERSITY	IL	13	11
COLLEGE OF DUPAGE	IL	16	15

COLLEGE OF LAKE COUNTY	IL	7	6
CONCORDIA UNIVERSITY - RIVER FOREST	IL	1	0
DANVILLE AREA COMMUNITY COLLEGE	IL	2	1
DEPAUL UNIVERSITY	IL	6	6
DEVRY INSTITUTE OF TECHNOLOGY (ILLINOIS)	IL	1	0
DEVRY UNIVERSITY - ADDISON, IL	IL	1	1
DOMINICAN UNIVERSITY	IL	2	1
EASTERN ILLINOIS UNIVERSITY	IL	2	0
EAST-WEST UNIVERSITY	IL	1	1
ELGIN COMMUNITY COLLEGE	IL	1	1
ELMHURST COLLEGE	IL	6	6
EUREKA COLLEGE	IL	2	2
GOVERNORS STATE UNIVERSITY	IL	2	2
GREENVILLE COLLEGE	IL	3	3
HAROLD WASHINGTON COLLEGE - CITY COLLEGES OF CHICAGO	IL	3	3
HARRY S TRUMAN COLLEGE - CITY COLLEGES OF CHICAGO	IL	3	3
ILLINOIS CENTRAL COLLEGE	IL	2	2
ILLINOIS COLLEGE	IL	1	1
ILLINOIS EASTERN COMMUNITY COLLEGES - FRONTIER COMM COLLEGE	IL	1	1
ILLINOIS INSTITUTE OF ART - SCHAUMBURG	IL	1	1
ILLINOIS INSTITUTE OF TECHNOLOGY	IL	2	2
ILLINOIS STATE UNIVERSITY	IL	1	1
ILLINOIS VALLEY COMMUNITY COLLEGE	IL	1	1
ILLINOIS WESLEYAN UNIVERSITY	IL	2	2
INTERNATIONAL ACADEMY OF DESIGN AND TECHNOLOGY - CHICAGO	IL	1	1
JOHN A. LOGAN COLLEGE	IL	1	1
JOLIET JUNIOR COLLEGE	IL	5	5
KASKASKIA COLLEGE	IL	1	1
KENNEDY-KING COLLEGE - CITY COLLEGES OF CHICAGO	IL	2	2
KISHWAUKEE COLLEGE	IL	1	1
LAKE FOREST COLLEGE	IL	3	3
LAKE LAND COLLEGE	IL	6	5
LEWIS AND CLARK COMMUNITY COLLEGE	IL	3	2
LEWIS UNIVERSITY	IL	6	4
LINCOLN LAND COMMUNITY COLLEGE	IL	1	1
LOYOLA UNIVERSITY CHICAGO	IL	26	23
MALCOLM X COLLEGE - CITY COLLEGES OF CHICAGO	IL	1	1
MILLIKIN UNIVERSITY	IL	2	2
MONMOUTH COLLEGE	IL	1	1
MORAIN VALLEY COMMUNITY COLLEGE	IL	15	14
MORTON COLLEGE	IL	2	0
NATIONAL UNIVERSITY OF HEALTH SCIENCES	IL	1	1
NORTH CENTRAL COLLEGE	IL	5	5
NORTH PARK UNIVERSITY	IL	2	2
NORTHEASTERN ILLINOIS UNIVERSITY	IL	17	13
NORTHERN ILLINOIS UNIVERSITY	IL	9	6
NORTHWESTERN UNIVERSITY	IL	3	3
OAKTON COMMUNITY COLLEGE	IL	12	9
OLIVE-HARVEY COLLEGE - CITY COLLEGES OF CHICAGO	IL	1	1
OLIVET NAZARENE UNIVERSITY	IL	1	1

QUINCY UNIVERSITY	IL	2	2
REND LAKE COLLEGE	IL	2	2
RICHARD J DALEY COLLEGE - CITY COLLEGES OF CHICAGO	IL	1	1
ROCK VALLEY COLLEGE	IL	5	4
ROCKFORD COLLEGE	IL	1	1
ROOSEVELT UNIVERSITY	IL	10	10
SAINT FRANCIS MEDICAL CENTER COLLEGE OF NURSING	IL	1	1
SAINT XAVIER UNIVERSITY	IL	9	9
SAUK VALLEY COMMUNITY COLLEGE	IL	1	1
SOUTH SUBURBAN COLLEGE	IL	3	3
SOUTHERN ILLINOIS UNIVERSITY - CARBONDALE	IL	11	10
SOUTHERN ILLINOIS UNIVERSITY - EDWARDSVILLE	IL	77	66
SOUTHWESTERN ILLINOIS COLLEGE	IL	1	1
TRINITY INTERNATIONAL UNIVERSITY (IL) - DEERFIELD CAMPUS	IL	1	1
TRITON COLLEGE	IL	6	4
UNIVERSITY OF CHICAGO	IL	2	1
UNIVERSITY OF ILLINOIS - CHICAGO	IL	134	120
UNIVERSITY OF ILLINOIS - URBANA / CHAMPAIGN	IL	41	37
UNIVERSITY OF SAINT FRANCIS (IL)	IL	1	1
WESTERN ILLINOIS UNIVERSITY	IL	4	4
WHEATON COLLEGE (IL)	IL	1	1
WILBUR WRIGHT COLLEGE - CITY COLLEGES OF CHICAGO	IL	12	10
WILLIAM RAINEY HARPER COLLEGE	IL	10	10
BALL STATE UNIVERSITY	IN	5	5
BUTLER UNIVERSITY	IN	108	104
DEPAUW UNIVERSITY	IN	4	4
EARLHAM COLLEGE	IN	1	1
FRANKLIN COLLEGE	IN	2	2
GOSHEN COLLEGE	IN	1	1
GRACE COLLEGE AND THEOLOGICAL SEMINARY	IN	1	1
INDIANA STATE UNIVERSITY	IN	7	6
INDIANA UNIVERSITY - BLOOMINGTON	IN	19	14
INDIANA UNIVERSITY - EAST	IN	2	1
INDIANA UNIVERSITY - KOKOMO	IN	1	1
INDIANA UNIVERSITY - NORTHWEST	IN	5	5
INDIANA UNIVERSITY - PURDUE UNIVERSITY - COLUMBUS	IN	2	2
INDIANA UNIVERSITY - PURDUE UNIVERSITY - FORT WAYNE	IN	16	12
INDIANA UNIVERSITY - PURDUE UNIVERSITY - INDIANAPOLIS	IN	12	10
INDIANA UNIVERSITY - SOUTH BEND	IN	2	2
INDIANA UNIVERSITY - SOUTHEAST	IN	12	10
INDIANA WESLEYAN UNIVERSITY	IN	2	2
IVY TECHNOLOGY COMM C - BLOOMINGTON	IN	2	2
IVY TECHNOLOGY COMM C - SOUTHWEST/ EVANSVILLE, PRINCETON, TELL	IN	0	0
IVY TECHNOLOGY COMM C - WABASH / GREENCASTLE, TERRE HAUTE	IN	1	1
MANCHESTER UNIVERSITY	IN	25	21
MARIAN UNIVERSITY (INDIANA)	IN	2	2
PURDUE UNIVERSITY - CALUMET	IN	2	1
PURDUE UNIVERSITY - NORTH CENTRAL	IN	2	1
PURDUE UNIVERSITY - WEST LAFAYETTE	IN	225	132
SAINT MARY'S COLLEGE (IN)	IN	3	3

TAYLOR UNIVERSITY - UPLAND CAMPUS	IN	1	1
UNIVERSITY OF EVANSVILLE	IN	1	1
UNIVERSITY OF INDIANAPOLIS	IN	1	1
UNIVERSITY OF NOTRE DAME	IN	2	2
UNIVERSITY OF SAINT FRANCIS (IN)	IN	2	1
UNIVERSITY OF SOUTHERN INDIANA	IN	2	2
VALPARAISO UNIVERSITY	IN	1	1
VINCENNES UNIVERSITY	IN	6	6
BAKER UNIVERSITY SCHOOL OF NURSING	KS	1	0
BETHANY COLLEGE - LINDSBORG	KS	1	1
BUTLER COMMUNITY COLLEGE	KS	2	2
COLBY COMMUNITY COLLEGE	KS	1	1
EMPORIA STATE UNIVERSITY	KS	0	0
FORT HAYS STATE UNIVERSITY	KS	2	1
HUTCHINSON COMMUNITY COLLEGE	KS	1	1
JOHNSON COUNTY COMMUNITY COLLEGE	KS	7	5
KANSAS CITY KANSAS COMMUNITY COLLEGE	KS	3	0
KANSAS STATE UNIVERSITY - MANHATTAN	KS	8	7
MCPHERSON COLLEGE	KS	1	1
MIDAMERICA NAZARENE UNIVERSITY	KS	2	2
NEWMAN UNIVERSITY	KS	2	2
OTTAWA UNIVERSITY (KS) - OTTAWA	KS	1	1
PITTSBURG STATE UNIVERSITY	KS	4	3
TABOR COLLEGE	KS	1	1
UNIVERSITY OF KANSAS - MAIN CAMPUS	KS	13	7
UNIVERSITY OF SAINT MARY (KS)	KS	0	0
WASHBURN UNIVERSITY	KS	1	0
WICHITA STATE UNIVERSITY	KS	12	11
ALICE LLOYD COLLEGE	KY	6	6
ASHLAND COMMUNITY AND TECHNICAL COLLEGE	KY	2	1
BELLARMINE UNIVERSITY	KY	4	4
BEREA COLLEGE	KY	2	2
BIG SANDY COMMUNITY AND TECHNICAL COLLEGE	KY	2	2
BLUEGRASS COMMUNITY AND TECHNICAL COLLEGE	KY	5	5
BRESCIA UNIVERSITY	KY	1	1
CAMPBELLSVILLE UNIVERSITY	KY	4	4
CENTRE COLLEGE	KY	5	5
EASTERN KENTUCKY UNIVERSITY	KY	22	21
ELIZABETHTOWN COMMUNITY AND TECHNICAL COLLEGE	KY	4	4
GEORGETOWN COLLEGE	KY	0	0
HAZARD COMMUNITY AND TECHNICAL COLLEGE	KY	3	3
JEFFERSON COMMUNITY AND TECHNICAL COLLEGE	KY	10	8
KENTUCKY STATE UNIVERSITY	KY	2	2
KENTUCKY WESLEYAN COLLEGE	KY	3	3
LINDSEY WILSON COLLEGE	KY	3	2
MOREHEAD STATE UNIVERSITY	KY	15	14
MURRAY STATE UNIVERSITY	KY	4	3
NORTHERN KENTUCKY UNIVERSITY	KY	16	13
OWENSBORO COMMUNITY AND TECHNICAL COLLEGE	KY	2	1
SOMERSET COMMUNITY COLLEGE	KY	1	1

SOUTHEAST KENTUCKY COMMUNITY AND TECHNICAL COLLEGE	KY	4	4
SPALDING UNIVERSITY	KY	0	0
TRANSYLVANIA UNIVERSITY	KY	3	3
UNIVERSITY OF KENTUCKY	KY	97	92
UNIVERSITY OF LOUISVILLE	KY	19	17
UNIVERSITY OF PIKEVILLE	KY	16	16
UNIVERSITY OF THE CUMBERLANDS	KY	4	4
WEST KENTUCKY COMMUNITY AND TECHNICAL COLLEGE	KY	1	0
WESTERN KENTUCKY UNIVERSITY	KY	17	16
DELGADO COMMUNITY COLLEGE	LA	4	3
DILLARD UNIVERSITY	LA	6	5
GRAMBLING STATE UNIVERSITY	LA	6	6
LOUISIANA STATE UNIVERSITY - A & M COLLEGE - BATON ROUGE	LA	20	19
LOUISIANA STATE UNIVERSITY - ALEXANDRIA	LA	2	2
LOUISIANA STATE UNIVERSITY - BATON ROUGE	LA	11	9
LOUISIANA STATE UNIVERSITY - SHREVEPORT	LA	5	5
LOUISIANA TECH UNIVERSITY	LA	4	4
LOYOLA UNIVERSITY NEW ORLEANS	LA	6	4
MCNEESE STATE UNIVERSITY	LA	8	7
NICHOLLS STATE UNIVERSITY	LA	6	5
NORTHWESTERN STATE UNIVERSITY	LA	7	7
SOUTHEASTERN LOUISIANA UNIVERSITY	LA	5	3
SOUTHERN UNIVERSITY - NEW ORLEANS	LA	9	4
SOUTHERN UNIVERSITY AND A&M COLLEGE	LA	5	3
TULANE UNIVERSITY	LA	1	1
UNIVERSITY OF LOUISIANA - LAFAYETTE	LA	15	12
UNIVERSITY OF LOUISIANA - MONROE	LA	76	71
UNIVERSITY OF NEW ORLEANS	LA	15	11
XAVIER UNIVERSITY OF LOUISIANA	LA	148	112
AMERICAN INTERNATIONAL COLLEGE	MA	3	2
AMHERST COLLEGE	MA	1	1
ASSUMPTION COLLEGE	MA	1	1
BOSTON COLLEGE	MA	4	3
BOSTON UNIVERSITY	MA	3	2
BRANDEIS UNIVERSITY	MA	1	1
BRIDGEWATER UNIVERSITY	MA	5	2
BRISTOL COMMUNITY COLLEGE	MA	2	1
BUNKER HILL COMMUNITY COLLEGE	MA	8	5
CLARK UNIVERSITY	MA	2	2
COLLEGE OF THE HOLY CROSS	MA	3	3
CURRY COLLEGE	MA	2	2
ELMS COLLEGE	MA	4	3
FITCHBURG STATE UNIVERSITY	MA	2	2
FRAMINGHAM STATE UNIVERSITY	MA	2	1
GORDON COLLEGE	MA	1	1
GREENFIELD COMMUNITY COLLEGE	MA	2	1
HOLYOKE COMMUNITY COLLEGE	MA	0	0
MASSACHUSETTS BAY COMMUNITY COLLEGE	MA	2	2
MASSACHUSETTS COLLEGE OF LIBERAL ARTS	MA	1	1
MASSACHUSETTS COLLEGE OF PHARMACY AND HEALTH SCIENCE	MA	86	57

MASSASOIT COMMUNITY COLLEGE	MA	3	1
MERRIMACK COLLEGE	MA	2	1
MIDDLESEX COMMUNITY COLLEGE - LOWELL	MA	2	0
MOUNT IDA COLLEGE	MA	1	1
MOUNT WACHUSETT COMMUNITY COLLEGE	MA	3	3
NORTH SHORE COMMUNITY COLLEGE	MA	1	1
NORTHEASTERN UNIVERSITY	MA	4	2
QUINSIGAMOND COMMUNITY COLLEGE	MA	20	14
REGIS COLLEGE	MA	3	0
ROXBURY COMMUNITY COLLEGE	MA	1	1
SALEM STATE COLLEGE	MA	7	6
SIMMONS COLLEGE	MA	2	2
SPRINGFIELD COLLEGE	MA	2	2
SPRINGFIELD TECHNICAL COMMUNITY COLLEGE	MA	6	5
STONEHILL COLLEGE	MA	3	3
SUFFOLK UNIVERSITY	MA	2	2
TUFTS UNIVERSITY	MA	3	3
UNIVERSITY OF MASSACHUSETTS - AMHERST	MA	27	24
UNIVERSITY OF MASSACHUSETTS - BOSTON	MA	18	10
UNIVERSITY OF MASSACHUSETTS - DARTMOUTH	MA	2	2
UNIVERSITY OF MASSACHUSETTS - LOWELL	MA	9	8
WESTERN NEW ENGLAND UNIVERSITY	MA	39	33
WESTFIELD STATE COLLEGE	MA	8	8
WHEATON COLLEGE (MA)	MA	2	2
WILLIAMS COLLEGE	MA	1	1
WORCESTER STATE UNIVERSITY	MA	12	8
BRANDON UNIVERSITY	MB	1	1
UNIVERSITY OF MANITOBA - MAIN CAMPUS	MB	1	1
ALLEGANY COLLEGE OF MARYLAND	MD	1	1
ANNE ARUNDEL COMMUNITY COLLEGE	MD	2	2
BALTIMORE CITY COMMUNITY COLLEGE	MD	8	6
BOWIE STATE UNIVERSITY	MD	9	6
CECIL COMMUNITY COLLEGE	MD	1	1
CHESAPEAKE COLLEGE	MD	0	0
COLLEGE OF SOUTHERN MARYLAND	MD	2	2
COMMUNITY COLLEGE OF BALTIMORE COUNTY	MD	11	9
COPPIN STATE UNIVERSITY	MD	1	0
FROSTBURG STATE UNIVERSITY	MD	4	4
GOUCHER COLLEGE	MD	1	1
HAGERSTOWN COMMUNITY COLLEGE	MD	2	2
HARFORD COMMUNITY COLLEGE	MD	2	2
HOOD COLLEGE	MD	2	2
HOWARD COMMUNITY COLLEGE	MD	16	14
JOHNS HOPKINS UNIVERSITY	MD	4	4
LOYOLA UNIVERSITY MARYLAND	MD	2	2
MCDANIEL COLLEGE (MARYLAND)	MD	1	1
MONTGOMERY COLLEGE - GERMANTOWN	MD	5	4
MONTGOMERY COLLEGE - ROCKVILLE	MD	14	11
MONTGOMERY COLLEGE - TAKOMA PARK / SILVER SPRINGS	MD	10	7
MORGAN STATE UNIVERSITY	MD	5	1

MOUNT SAINT MARY'S UNIVERSITY	MD	1	1
NOTRE DAME OF MARYLAND UNIVERSITY	MD	1	1
PRINCE GEORGE'S COMMUNITY COLLEGE	MD	22	15
SAINT MARY'S COLLEGE OF MARYLAND	MD	2	2
SALISBURY UNIVERSITY	MD	7	7
STEVENSON UNIVERSITY	MD	3	3
TOWSON UNIVERSITY	MD	19	17
UNIVERSITY OF MARYLAND - BALTIMORE COUNTY	MD	37	34
UNIVERSITY OF MARYLAND - COLLEGE PARK	MD	41	39
UNIVERSITY OF MARYLAND - EASTERN SHORE	MD	10	9
UNIVERSITY OF MARYLAND - UNIVERSITY COLLEGE	MD	3	2
WASHINGTON ADVENTIST UNIVERSITY	MD	1	1
WASHINGTON COLLEGE	MD	1	1
WOR-WIC COMMUNITY COLLEGE	MD	2	1
BOWDOIN COLLEGE	ME	1	1
CENTRAL MAINE COMMUNITY COLLEGE	ME	4	4
EASTERN MAINE COMMUNITY COLLEGE	ME	1	0
HUSSON UNIVERSITY	ME	9	7
KENNEBEC VALLEY COMMUNITY COLLEGE	ME	2	1
SOUTHERN MAINE COMMUNITY COLLEGE	ME	2	2
UNIVERSITY OF MAINE - AUGUSTA	ME	2	1
UNIVERSITY OF MAINE - FARMINGTON	ME	1	1
UNIVERSITY OF MAINE - ORONO	ME	4	4
UNIVERSITY OF MAINE - PRESQUE ISLE	ME	1	1
UNIVERSITY OF NEW ENGLAND	ME	48	37
UNIVERSITY OF SOUTHERN MAINE	ME	5	5
ALBION COLLEGE	MI	3	3
ALMA COLLEGE	MI	0	0
ANDREWS UNIVERSITY	MI	6	5
AQUINAS COLLEGE (MI)	MI	1	1
CALVIN COLLEGE	MI	2	2
CENTRAL MICHIGAN UNIVERSITY	MI	9	9
DELTA COLLEGE	MI	5	3
EASTERN MICHIGAN UNIVERSITY	MI	11	9
FERRIS STATE UNIVERSITY	MI	90	79
GRAND RAPIDS COMMUNITY COLLEGE	MI	5	2
GRAND VALLEY STATE UNIVERSITY	MI	24	23
HENRY FORD COMMUNITY COLLEGE	MI	40	30
HILLSDALE COLLEGE	MI	4	3
HOPE COLLEGE	MI	1	1
KALAMAZOO COLLEGE	MI	1	1
LAKE SUPERIOR STATE UNIVERSITY	MI	3	3
LANSING COMMUNITY COLLEGE	MI	2	1
LAWRENCE TECHNOLOGICAL UNIVERSITY	MI	1	0
MACOMB COMMUNITY COLLEGE	MI	15	9
MADONNA UNIVERSITY	MI	6	3
MARYGROVE COLLEGE	MI	1	1
MICHIGAN STATE UNIVERSITY - EAST LANSING	MI	46	38
MICHIGAN TECHNOLOGICAL UNIVERSITY	MI	4	4
NORTHERN MICHIGAN UNIVERSITY	MI	5	5

OAKLAND COMMUNITY COLLEGE (MI)	MI	13	10
OAKLAND UNIVERSITY	MI	52	41
SAGINAW VALLEY STATE UNIVERSITY	MI	4	4
SAINT CLAIR COUNTY COMMUNITY COLLEGE	MI	1	1
SCHOOLCRAFT COLLEGE	MI	18	14
SIENA HEIGHTS UNIVERSITY	MI	5	5
SPRING ARBOR UNIVERSITY	MI	2	2
UNIVERSITY OF DETROIT MERCY	MI	7	6
UNIVERSITY OF MICHIGAN - ANN ARBOR	MI	41	37
UNIVERSITY OF MICHIGAN - DEARBORN	MI	46	31
UNIVERSITY OF MICHIGAN - FLINT	MI	5	2
WASHTENAW COMMUNITY COLLEGE	MI	2	1
WAYNE COUNTY COMMUNITY COLLEGE	MI	22	13
WAYNE STATE UNIVERSITY	MI	157	119
WESTERN MICHIGAN UNIVERSITY	MI	11	10
ANOKA-RAMSEY COMMUNITY COLLEGE	MN	2	0
AUGSBURG UNIVERSITY	MN	1	1
BEMIDJI STATE UNIVERSITY	MN	3	3
CARLETON COLLEGE	MN	1	1
CENTURY COLLEGE	MN	1	1
COLLEGE OF SAINT BENEDICT / SAINT JOHN'S UNIVERSITY	MN	7	7
COLLEGE OF SAINT SCHOLASTICA	MN	4	3
CONCORDIA COLLEGE - MOORHEAD	MN	2	2
CONCORDIA UNIVERSITY - SAINT PAUL	MN	3	3
DUNWOODY COLLEGE OF TECHNOLOGY	MN	1	0
FOND DU LAC TRIBAL AND COMMUNITY COLLEGE	MN	1	1
GUSTAVUS ADOLPHUS COLLEGE	MN	5	5
HAMLIN UNIVERSITY	MN	1	1
LAKE SUPERIOR COLLEGE	MN	1	1
METROPOLITAN STATE UNIVERSITY	MN	10	6
MINNEAPOLIS COMMUNITY AND TECHNICAL COLLEGE	MN	6	6
MINNESOTA STATE UNIVERSITY - MANKATO	MN	7	7
NORMANDALE COMMUNITY COLLEGE	MN	4	3
NORTH HENNEPIN COMMUNITY COLLEGE	MN	8	2
OAK HILLS CHRISTIAN COLLEGE	MN	1	1
RIDGEWATER COLLEGE - HUTCHINSON/WILLMAR	MN	1	0
SAINT CATHERINE UNIVERSITY	MN	3	3
SAINT CLOUD STATE UNIVERSITY	MN	7	6
SAINT OLAF COLLEGE	MN	6	6
SAINT PAUL COLLEGE - A COMMUNITY AND TECHNICAL COLLEGE	MN	6	4
SOUTHWEST MINNESOTA STATE UNIVERSITY	MN	1	1
UNIVERSITY OF MINNESOTA - CROOKSTON	MN	1	0
UNIVERSITY OF MINNESOTA - DULUTH	MN	26	21
UNIVERSITY OF MINNESOTA - MORRIS	MN	2	2
UNIVERSITY OF MINNESOTA - ROCHESTER	MN	1	1
UNIVERSITY OF MINNESOTA - TWIN CITIES	MN	89	82
UNIVERSITY OF SAINT THOMAS (MN)	MN	13	12
WALDEN UNIVERSITY (MINNESOTA)	MN	0	0
WINONA STATE UNIVERSITY	MN	7	7
AVILA UNIVERSITY	MO	2	2



CENTRAL METHODIST UNIVERSITY	MO	1	0
COLUMBIA COLLEGE (MO)	MO	3	3
CULVER-STOCKTON COLLEGE	MO	1	1
HANNIBAL-LAGRANGE COLLEGE	MO	0	0
LINDENWOOD UNIVERSITY	MO	3	3
LOGAN COLLEGE OF CHIROPRACTIC	MO	1	0
MARYVILLE UNIVERSITY OF SAINT LOUIS	MO	1	1
METROPOLITAN COMMUNITY COLLEGE - BLUE RIVER	MO	2	0
METROPOLITAN COMMUNITY COLLEGE - KANSAS CITY / LEES SUMMIT	MO	4	4
METROPOLITAN COMMUNITY COLLEGE - LONGVIEW	MO	2	1
METROPOLITAN COMMUNITY COLLEGE - MAPLE WOODS	MO	5	4
METROPOLITAN COMMUNITY COLLEGE - PENN VALLEY	MO	1	1
MISSOURI SOUTHERN STATE UNIVERSITY	MO	4	4
MISSOURI STATE UNIVERSITY - SPRINGFIELD	MO	29	23
MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY (MISSOURI S & T)	MO	1	0
MISSOURI VALLEY COLLEGE	MO	1	1
MISSOURI WESTERN STATE UNIVERSITY	MO	1	1
MOBERLY AREA COMMUNITY COLLEGE	MO	1	1
NORTH CENTRAL MISSOURI COLLEGE	MO	1	1
NORTHWEST MISSOURI STATE UNIVERSITY	MO	3	3
OZARKS TECHNICAL COMMUNITY COLLEGE	MO	7	4
PARK UNIVERSITY	MO	1	0
ROCKHURST UNIVERSITY	MO	3	2
SAINT CHARLES COMMUNITY COLLEGE	MO	3	2
SAINT LOUIS COLLEGE OF PHARMACY	MO	6	4
SAINT LOUIS COMMUNITY COLLEGE - FOREST PARK, MO	MO	2	2
SAINT LOUIS COMMUNITY COLLEGE - MERAMEC, MO	MO	4	4
SAINT LOUIS UNIVERSITY (MISSOURI)	MO	6	6
SOUTHEAST MISSOURI STATE UNIVERSITY	MO	6	6
SOUTHWEST BAPTIST UNIVERSITY	MO	1	1
ST. LOUIS COMMUNITY COLLEGE FLORISSANT VALLEY, MO / MAIN	MO	1	1
STATE FAIR COMMUNITY COLLEGE	MO	2	1
STEPHENS COLLEGE	MO	1	1
TRUMAN STATE UNIVERSITY	MO	6	6
UNIVERSITY OF CENTRAL MISSOURI	MO	1	1
UNIVERSITY OF MISSOURI - COLUMBIA	MO	44	38
UNIVERSITY OF MISSOURI - KANSAS CITY	MO	68	57
UNIVERSITY OF MISSOURI - SAINT LOUIS	MO	7	4
WASHINGTON UNIVERSITY IN SAINT LOUIS	MO	5	5
WEBSTER UNIVERSITY (MO)	MO	1	1
WESTMINSTER COLLEGE (MO)	MO	1	1
WILLIAM JEWELL COLLEGE	MO	1	1
ALCORN STATE UNIVERSITY	MS	4	3
BELHAVEN UNIVERSITY	MS	2	2
BLUE MOUNTAIN COLLEGE	MS	1	1
COPIAH-LINCOLN COMMUNITY COLLEGE	MS	1	1
DELTA STATE UNIVERSITY	MS	2	2
EAST MISSISSIPPI COMMUNITY COLLEGE	MS	1	1
ITAWAMBA COMMUNITY COLLEGE	MS	1	1
JACKSON STATE UNIVERSITY	MS	13	10

MILLSAPS COLLEGE	MS	2	1
MISSISSIPPI COLLEGE	MS	3	3
MISSISSIPPI GULF COAST COMMUNITY COLLEGE	MS	1	0
MISSISSIPPI STATE UNIVERSITY	MS	21	18
MISSISSIPPI UNIVERSITY FOR WOMEN	MS	2	1
MISSISSIPPI VALLEY STATE UNIVERSITY	MS	1	1
NORTHWEST MISSISSIPPI COMMUNITY COLLEGE	MS	3	2
PEARL RIVER COMMUNITY COLLEGE - POPLARVILLE, MS / MAIN CAMPUS	MS	1	0
RUST COLLEGE	MS	2	1
TOUGALOO COLLEGE	MS	1	1
UNIVERSITY OF MISSISSIPPI	MS	125	109
UNIVERSITY OF SOUTHERN MISSISSIPPI	MS	10	8
WILLIAM CAREY UNIVERSITY	MS	2	2
MONTANA STATE UNIVERSITY - BILLINGS	MT	2	2
MONTANA STATE UNIVERSITY - BOZEMAN	MT	17	16
MONTANA STATE UNIVERSITY - NORTHERN	MT	1	1
MONTANA TECH OF THE UNIVERSITY OF MONTANA	MT	2	1
ROCKY MOUNTAIN COLLEGE	MT	1	1
UNIVERSITY OF GREAT FALLS	MT	1	1
UNIVERSITY OF MONTANA - HELENA COLLEGE OF TECHNOLOGY	MT	2	2
UNIVERSITY OF MONTANA - MISSOULA	MT	41	38
UNIVERSITY OF MONTANA WESTERN	MT	1	1
UNIVERSITY OF NEW BRUNSWICK	NB	0	0
APPALACHIAN STATE UNIVERSITY	NC	14	13
ASHEVILLE - BUNCOMBE TECHNICAL COMMUNITY COLLEGE	NC	2	1
BELMONT ABBEY COLLEGE	NC	1	0
BRUNSWICK COMMUNITY COLLEGE	NC	1	0
CAMPBELL UNIVERSITY	NC	56	49
CATAWBA VALLEY COMMUNITY COLLEGE	NC	1	1
CENTRAL PIEDMONT COMMUNITY COLLEGE	NC	12	9
COASTAL CAROLINA COMMUNITY COLLEGE	NC	2	2
DAVIDSON COLLEGE	NC	1	1
DUKE UNIVERSITY	NC	3	3
DURHAM TECHNICAL COMMUNITY COLLEGE	NC	1	1
EAST CAROLINA UNIVERSITY	NC	14	11
ELIZABETH CITY STATE UNIVERSITY	NC	5	4
ELON UNIVERSITY	NC	4	4
FAYETTEVILLE STATE UNIVERSITY	NC	2	2
FAYETTEVILLE TECHNICAL COMMUNITY COLLEGE	NC	2	1
GARDNER-WEBB UNIVERSITY	NC	1	1
GASTON COLLEGE	NC	2	2
GREENSBORO COLLEGE	NC	1	1
GUILFORD TECHNICAL COMMUNITY COLLEGE	NC	3	3
HIGH POINT UNIVERSITY	NC	16	15
ISOTHERMAL COMMUNITY COLLEGE	NC	1	1
JOHNSON C. SMITH UNIVERSITY	NC	1	0
LEES-MCRAE COLLEGE	NC	1	1
LENOIR-RHYNE UNIVERSITY	NC	1	1
MARS HILL COLLEGE	NC	1	1
MEREDITH COLLEGE	NC	5	5

MITCHELL COMMUNITY COLLEGE	NC	1	1
MOUNT OLIVE COLLEGE	NC	1	1
NORTH CAROLINA AGRICULTURAL AND TECHNICAL STATE UNIVERSITY	NC	6	5
NORTH CAROLINA CENTRAL UNIVERSITY	NC	9	5
NORTH CAROLINA STATE UNIVERSITY	NC	23	20
PFEIFFER UNIVERSITY	NC	1	1
QUEENS UNIVERSITY OF CHARLOTTE	NC	1	1
RANDOLPH COMMUNITY COLLEGE	NC	1	0
SAINT ANDREWS PRESBYTERIAN COLLEGE	NC	1	1
SAINT AUGUSTINE'S COLLEGE	NC	1	1
SHAW UNIVERSITY	NC	1	1
STANLY COMMUNITY COLLEGE	NC	1	1
UNIVERSITY OF NORTH CAROLINA - ASHEVILLE	NC	5	2
UNIVERSITY OF NORTH CAROLINA - CHAPEL HILL	NC	58	56
UNIVERSITY OF NORTH CAROLINA - CHARLOTTE	NC	18	18
UNIVERSITY OF NORTH CAROLINA - GREENSBORO	NC	17	15
UNIVERSITY OF NORTH CAROLINA - PEMBROKE	NC	7	6
UNIVERSITY OF NORTH CAROLINA - WILMINGTON	NC	12	11
VANCE-GRANVILLE COMMUNITY COLLEGE	NC	1	1
WAKE FOREST UNIVERSITY	NC	4	4
WAKE TECHNICAL COMMUNITY COLLEGE	NC	2	0
WESTERN CAROLINA UNIVERSITY	NC	11	8
WILKES COMMUNITY COLLEGE	NC	1	1
WINGATE UNIVERSITY	NC	38	31
WINSTON-SALEM STATE UNIVERSITY	NC	5	4
JAMESTOWN COLLEGE	ND	1	1
MINOT STATE UNIVERSITY - MINOT CAMPUS	ND	3	2
NORTH DAKOTA STATE COLLEGE OF SCIENCE	ND	1	1
NORTH DAKOTA STATE UNIVERSITY - MAIN CAMPUS	ND	10	7
UNIVERSITY OF NORTH DAKOTA	ND	2	2
BELLEVUE UNIVERSITY	NE	2	2
CENTRAL COMMUNITY COLLEGE	NE	1	0
CHADRON STATE COLLEGE	NE	2	2
COLLEGE OF SAINT MARY	NE	1	1
CONCORDIA UNIVERSITY - SEWARD	NE	2	2
CREIGHTON UNIVERSITY	NE	18	17
DOANE COLLEGE	NE	2	2
HASTINGS COLLEGE	NE	2	2
MIDLAND LUTHERAN COLLEGE	NE	1	1
NEBRASKA WESLEYAN UNIVERSITY	NE	4	4
PERU STATE COLLEGE	NE	5	5
SOUTHEAST COMMUNITY COLLEGE - LINCOLN	NE	1	0
UNIVERSITY OF NEBRASKA - KEARNEY	NE	9	9
UNIVERSITY OF NEBRASKA - LINCOLN	NE	24	23
UNIVERSITY OF NEBRASKA - OMAHA	NE	14	13
WAYNE STATE COLLEGE	NE	5	5
DARTMOUTH COLLEGE	NH	1	1
FRANKLIN PIERCE UNIVERSITY - RINDGE, NH (MAIN CAMPUS)	NH	3	2
KEENE STATE COLLEGE	NH	2	1
NEW ENGLAND COLLEGE	NH	1	1

NEW HAMPSHIRE TECHNICAL INSTITUTE	NH	1	0
PLYMOUTH STATE UNIVERSITY	NH	2	1
RIVIER UNIVERSITY	NH	1	1
SAINT ANSELM COLLEGE	NH	5	2
SOUTHERN NEW HAMPSHIRE UNIVERSITY	NH	3	1
UNIVERSITY OF NEW HAMPSHIRE - DURHAM	NH	6	5
UNIVERSITY OF NEW HAMPSHIRE - MANCHESTER	NH	6	4
ATLANTIC CAPE COMMUNITY COLLEGE	NJ	2	2
BERGEN COMMUNITY COLLEGE	NJ	3	2
BROOKDALE COMMUNITY COLLEGE	NJ	2	1
CAMDEN COUNTY COLLEGE	NJ	11	10
COLLEGE OF NEW JERSEY	NJ	2	1
COUNTY COLLEGE OF MORRIS	NJ	3	2
CUMBERLAND COUNTY COLLEGE	NJ	1	0
DREW UNIVERSITY	NJ	2	2
ESSEX COUNTY COLLEGE	NJ	5	4
FAIRLEIGH DICKINSON UNIVERSITY - COLLEGE AT FLORHAM	NJ	21	19
FAIRLEIGH DICKINSON UNIVERSITY - METROPOLITAN CAMPUS	NJ	2	2
FELICIAN COLLEGE (NEW JERSEY)	NJ	1	0
KEAN UNIVERSITY	NJ	8	6
MERCER COUNTY COMMUNITY COLLEGE	NJ	1	1
MIDDLESEX COUNTY COLLEGE	NJ	3	2
MONMOUTH UNIVERSITY	NJ	7	6
MONTCLAIR STATE UNIVERSITY	NJ	14	11
NEW JERSEY CITY UNIVERSITY	NJ	7	7
NEW JERSEY INSTITUTE OF TECHNOLOGY	NJ	3	2
OCEAN COUNTY COLLEGE	NJ	5	3
PRINCETON UNIVERSITY	NJ	3	3
RAMAPO COLLEGE OF NEW JERSEY	NJ	1	1
RARITAN VALLEY COMMUNITY COLLEGE	NJ	7	5
RICHARD STOCKTON COLLEGE OF NEW JERSEY	NJ	5	5
RIDER UNIVERSITY	NJ	1	1
ROWAN COLLEGE AT BURLINGTON COUNTY	NJ	2	2
ROWAN COLLEGE AT GLOUCESTER COUNTY	NJ	2	1
ROWAN UNIVERSITY - COLLEGE OF GRADUATE AND CONTINUING EDUC	NJ	1	0
ROWAN UNIVERSITY - MAIN CAMPUS	NJ	12	12
RUTGERS - STATE UNIVERSITY OF NEW JERSEY - CAMDEN	NJ	6	6
RUTGERS - STATE UNIVERSITY OF NEW JERSEY - DOUGLASS	NJ	1	1
RUTGERS - STATE UNIVERSITY OF NEW JERSEY - NEW BRUNSWICK	NJ	36	33
RUTGERS - STATE UNIVERSITY OF NEW JERSEY - NEWARK	NJ	29	25
RUTGERS - STATE UNIVERSITY OF NEW JERSEY - SEBS	NJ	3	3
SAINT PETER'S COLLEGE	NJ	4	4
SETON HALL UNIVERSITY - SOUTH ORANGE	NJ	4	4
THOMAS EDISON STATE COLLEGE	NJ	5	2
UNION COUNTY COLLEGE	NJ	1	1
WILLIAM PATERSON UNIVERSITY OF NEW JERSEY	NJ	2	2
CENTRAL NEW MEXICO COMMUNITY COLLEGE	NM	6	6
NEW MEXICO HIGHLANDS UNIVERSITY	NM	4	3
NEW MEXICO INSTITUTE OF MINING AND TECHNOLOGY	NM	1	1
NEW MEXICO STATE UNIVERSITY - LAS CRUCES	NM	24	21

SAN JUAN COLLEGE	NM	1	0
UNIVERSITY OF NEW MEXICO - ALBUQUERQUE	NM	80	61
WESTERN NEW MEXICO UNIVERSITY	NM	1	1
DALHOUSIE UNIVERSITY	NS	1	1
COLLEGE OF SOUTHERN NEVADA	NV	27	19
NEVADA STATE COLLEGE	NV	13	9
TRUCKEE MEADOWS COMMUNITY COLLEGE	NV	3	2
UNIVERSITY OF NEVADA - LAS VEGAS	NV	61	48
UNIVERSITY OF NEVADA - RENO	NV	30	28
ADELPHI UNIVERSITY	NY	3	1
ALBANY COLLEGE OF PHARMACY	NY	22	12
BROOME COMMUNITY COLLEGE	NY	6	6
CANISIUS COLLEGE	NY	4	3
CLARKSON UNIVERSITY	NY	2	1
COLGATE UNIVERSITY	NY	2	2
COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	NY	2	1
CORNELL UNIVERSITY	NY	7	7
CUNY - BOROUGH OF MANHATTAN COMMUNITY COLLEGE	NY	2	1
CUNY - BRONX COMMUNITY COLLEGE	NY	6	6
CUNY - BROOKLYN COLLEGE	NY	7	5
CUNY - CITY COLLEGE	NY	7	5
CUNY - COLLEGE OF STATEN ISLAND	NY	10	9
CUNY - HUNTER COLLEGE	NY	27	25
CUNY - JOHN JAY COLLEGE OF CRIMINAL JUSTICE	NY	3	2
CUNY - KINGSBOROUGH COMMUNITY COLLEGE	NY	6	6
CUNY - LAGUARDIA COMMUNITY COLLEGE	NY	2	2
CUNY - LEHMAN COLLEGE	NY	12	12
CUNY - MACAULAY HONORS COLLEGE	NY	1	1
CUNY - MEDGAR EVERS COLLEGE	NY	4	3
CUNY - NEW YORK CITY COLLEGE OF TECHNOLOGY	NY	2	2
CUNY - QUEENS COLLEGE	NY	12	8
CUNY - QUEENSBOROUGH COMMUNITY COLLEGE	NY	0	0
CUNY - SCHOOL OF PROFESSIONAL STUDIES	NY	1	1
CUNY - YORK COLLEGE	NY	3	2
D'YOUVILLE COLLEGE	NY	21	20
ELMIRA COLLEGE	NY	4	3
ERIE COMMUNITY COLLEGE - NORTH CAMPUS	NY	1	1
EXCELSIOR COLLEGE	NY	2	2
FINGER LAKES COMMUNITY COLLEGE	NY	1	1
FORDHAM UNIVERSITY - LINCOLN CENTER	NY	2	2
FORDHAM UNIVERSITY - ROSE HILL	NY	4	4
HARTWICK COLLEGE	NY	1	0
HERKIMER COUNTY COMMUNITY COLLEGE	NY	1	1
HOBART AND WILLIAM SMITH COLLEGES	NY	1	1
HOFSTRA UNIVERSITY	NY	2	2
HOUGHTON COLLEGE	NY	1	1
HUDSON VALLEY COMMUNITY COLLEGE	NY	5	2
LONG ISLAND UNIVERSITY - BROOKLYN CAMPUS	NY	153	115
LONG ISLAND UNIVERSITY - C.W. POST CAMPUS	NY	14	9
MANHATTAN COLLEGE	NY	1	1

MARIST COLLEGE	NY	2	2
MERCY COLLEGE	NY	5	4
MOHAWK VALLEY COMMUNITY COLLEGE	NY	2	2
MOLLOY COLLEGE	NY	2	2
MONROE COMMUNITY COLLEGE - ROCHESTER	NY	14	9
MOUNT SAINT MARY COLLEGE	NY	1	1
NASSAU COMMUNITY COLLEGE	NY	4	3
NAZARETH COLLEGE (NY)	NY	5	4
NEW SCHOOL UNIVERSITY	NY	1	1
NEW YORK INSTITUTE OF TECHNOLOGY - OLD WESTBURY	NY	5	5
NEW YORK UNIVERSITY	NY	4	4
NIAGARA COUNTY COMMUNITY COLLEGE	NY	3	3
NIAGARA UNIVERSITY	NY	2	1
ONONDAGA COMMUNITY COLLEGE	NY	3	3
PACE UNIVERSITY - NEW YORK	NY	4	4
RENSSELAER POLYTECHNIC INSTITUTE	NY	6	5
ROCHESTER INSTITUTE OF TECHNOLOGY	NY	4	4
SAGE COLLEGE OF ALBANY	NY	1	1
SAINT FRANCIS COLLEGE (NEW YORK)	NY	1	1
SAINT JOHN FISHER COLLEGE	NY	40	36
SAINT JOHN'S UNIVERSITY (NY)	NY	14	11
SAINT JOSEPHS COLLEGE	NY	1	0
SAINT JOSEPH'S COLLEGE (NY) - LONG ISLAND CAMPUS	NY	3	3
SAINT THOMAS AQUINAS COLLEGE	NY	1	1
SCHENECTADY COUNTY COMMUNITY COLLEGE	NY	2	1
SIENA COLLEGE	NY	5	5
SUNY - BINGHAMTON UNIVERSITY	NY	32	31
SUNY - BROCKPORT	NY	5	5
SUNY - BUFFALO STATE	NY	5	5
SUNY - CORTLAND	NY	3	3
SUNY - FARMINGDALE STATE COLLEGE	NY	8	7
SUNY - FREDONIA	NY	1	0
SUNY - GENESEO	NY	9	9
SUNY - NEW PALTZ	NY	1	1
SUNY - OLD WESTBURY	NY	3	2
SUNY - ONEONTA	NY	1	0
SUNY - OSWEGO	NY	5	4
SUNY - PLATTSBURGH	NY	7	7
SUNY - POTSDAM	NY	2	2
SUNY - PURCHASE COLLEGE	NY	0	0
SUNY - ROCKLAND COMMUNITY COLLEGE	NY	4	3
SUNY - STONY BROOK	NY	27	25
SUNY - ULSTER COUNTY COMMUNITY COLLEGE	NY	1	1
SUNY - UPSTATE MEDICAL UNIVERSITY	NY	1	1
SUNY - WESTCHESTER COMMUNITY COLLEGE	NY	2	0
SUNY COLLEGE OF ENVIRONMENTAL SCIENCE AND FORESTRY	NY	1	1
SUNY COLLEGE OF TECHNOLOGY - ALFRED STATE COLLEGE	NY	1	1
SUNY INSTITUTE OF TECHNOLOGY - UTICA-ROME	NY	1	0
SYRACUSE UNIVERSITY	NY	7	7
TOURO COLLEGE	NY	14	14

UNIVERSITY AT ALBANY	NY	13	10
UNIVERSITY AT BUFFALO	NY	65	55
UNIVERSITY OF ROCHESTER	NY	5	5
UTICA COLLEGE	NY	3	3
VASSAR COLLEGE	NY	3	3
WAGNER COLLEGE	NY	3	2
ANTIOCH COLLEGE	OH	1	1
BALDWIN-WALLACE COLLEGE	OH	2	2
BOWLING GREEN STATE UNIVERSITY	OH	5	5
CASE WESTERN RESERVE UNIVERSITY	OH	3	3
CEDARVILLE UNIVERSITY	OH	4	3
CENTRAL OHIO TECHNICAL COLLEGE	OH	0	0
CENTRAL STATE UNIVERSITY	OH	1	1
CINCINNATI STATE TECHNICAL AND COMMUNITY COLLEGE	OH	3	3
CLEVELAND STATE UNIVERSITY	OH	20	18
COLLEGE OF WOOSTER	OH	3	3
COLUMBUS STATE COMMUNITY COLLEGE	OH	1	1
CUYAHOGA COMMUNITY COLLEGE - CORPORATE COLLEGE WEST	OH	2	0
CUYAHOGA COMMUNITY COLLEGE - METROPOLITAN	OH	2	2
CUYAHOGA COMMUNITY COLLEGE - WESTERN	OH	6	3
DENISON UNIVERSITY	OH	1	1
EASTERN GATEWAY COMMUNITY COLLEGE	OH	1	1
FRANCISCAN UNIVERSITY OF STEUBENVILLE	OH	1	1
HIRAM COLLEGE	OH	1	1
JOHN CARROLL UNIVERSITY	OH	6	5
KENT STATE UNIVERSITY	OH	22	18
KENYON COLLEGE	OH	2	2
LORAIN COUNTY COMMUNITY COLLEGE	OH	1	0
LOURDES COLLEGE	OH	1	0
MALONE UNIVERSITY	OH	1	1
MIAMI UNIVERSITY - HAMILTON CAMPUS	OH	1	1
MIAMI UNIVERSITY - OXFORD	OH	7	6
MOUNT VERNON NAZARENE UNIVERSITY	OH	1	1
MUSKINGUM UNIVERSITY	OH	2	2
OBERLIN COLLEGE	OH	1	1
OHIO NORTHERN UNIVERSITY	OH	1	0
OHIO STATE UNIVERSITY	OH	114	106
OHIO UNIVERSITY - ATHENS	OH	6	4
OHIO UNIVERSITY - EASTERN	OH	1	1
OHIO WESLEYAN UNIVERSITY	OH	3	3
PONTIFICAL COLLEGE JOSEPHINUM	OH	1	1
SHAWNEE STATE UNIVERSITY	OH	5	4
SINCLAIR COMMUNITY COLLEGE	OH	4	3
STARK STATE COLLEGE	OH	3	1
UNIVERSITY OF AKRON - AKRON CAMPUS	OH	16	12
UNIVERSITY OF AKRON - WAYNE COLLEGE	OH	1	1
UNIVERSITY OF CINCINNATI - CLERMONT COLLEGE	OH	4	4
UNIVERSITY OF CINCINNATI - MAIN CAMPUS	OH	53	49
UNIVERSITY OF CINCINNATI - RAYMOND WALTERS COLLEGE	OH	9	8
UNIVERSITY OF DAYTON	OH	3	3

UNIVERSITY OF FINDLAY	OH	2	2
UNIVERSITY OF MOUNT UNION	OH	1	1
UNIVERSITY OF RIO GRANDE	OH	1	1
UNIVERSITY OF TOLEDO	OH	88	77
UNIVERSITY OF TOLEDO - HEALTH SCIENCE CAMPUS	OH	5	4
WALSH UNIVERSITY	OH	5	4
WRIGHT STATE UNIVERSITY - DAYTON CAMPUS	OH	10	8
XAVIER UNIVERSITY	OH	5	3
YOUNGSTOWN STATE UNIVERSITY	OH	14	12
CAMERON UNIVERSITY	OK	1	1
EAST CENTRAL UNIVERSITY	OK	2	2
NORTHEASTERN STATE UNIVERSITY	OK	7	6
OKLAHOMA BAPTIST UNIVERSITY	OK	1	0
OKLAHOMA CITY COMMUNITY COLLEGE	OK	4	2
OKLAHOMA CITY UNIVERSITY	OK	2	2
OKLAHOMA STATE UNIVERSITY - OKLAHOMA CITY	OK	1	1
OKLAHOMA STATE UNIVERSITY - STILLWATER	OK	8	7
OKLAHOMA STATE UNIVERSITY - TULSA	OK	1	1
ROGERS STATE UNIVERSITY	OK	3	1
ROSE STATE COLLEGE	OK	1	1
SOUTHEASTERN OKLAHOMA STATE UNIVERSITY	OK	2	1
SOUTHERN NAZARENE UNIVERSITY	OK	1	1
SOUTHWESTERN OKLAHOMA STATE UNIVERSITY	OK	6	4
TULSA COMMUNITY COLLEGE	OK	8	6
UNIVERSITY OF CENTRAL OKLAHOMA	OK	9	5
UNIVERSITY OF OKLAHOMA - NORMAN CAMPUS	OK	46	36
UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	1	0
UNIVERSITY OF TULSA	OK	3	3
BROCK UNIVERSITY	ON	1	0
CARLETON UNIVERSITY	ON	2	0
MCMASTER UNIVERSITY	ON	7	5
QUEEN'S UNIVERSITY - MAIN CAMPUS	ON	1	0
RYERSON UNIVERSITY	ON	1	0
UNIVERSITY OF GUELPH	ON	1	1
UNIVERSITY OF ONTARIO INSTITUTE OF TECHNOLOGY	ON	3	1
UNIVERSITY OF OTTAWA	ON	4	4
UNIVERSITY OF TORONTO - MISSISSAUGA - ERINDALE COLLEGE	ON	4	3
UNIVERSITY OF TORONTO - NEW COLLEGE	ON	1	1
UNIVERSITY OF TORONTO - SAINT GEORGE'S CAMPUS	ON	4	2
UNIVERSITY OF TORONTO - SCARBOROUGH	ON	1	0
UNIVERSITY OF TORONTO - UNIVERSITY COLLEGE	ON	2	1
UNIVERSITY OF TORONTO - UNIVERSITY OF SAINT MICHAEL'S COLLEGE	ON	1	1
UNIVERSITY OF TORONTO - WOODSWORTH COLLEGE	ON	3	2
UNIVERSITY OF WATERLOO - MAIN CAMPUS	ON	7	6
UNIVERSITY OF WESTERN ONTARIO - MAIN CAMPUS	ON	7	6
UNIVERSITY OF WINDSOR - ASSUMPTION UNIVERSITY	ON	1	1
UNIVERSITY OF WINDSOR - MAIN CAMPUS	ON	16	13
WILFRID LAURIER UNIVERSITY	ON	1	1
YORK UNIVERSITY - MAIN CAMPUS	ON	8	7
CHEMEKETA COMMUNITY COLLEGE	OR	2	2



CONCORDIA UNIVERSITY - PORTLAND	OR	1	1
CORBAN UNIVERSITY	OR	1	0
EASTERN OREGON UNIVERSITY	OR	1	1
GEORGE FOX UNIVERSITY	OR	1	1
LEWIS AND CLARK COLLEGE	OR	2	2
LINFIELD COLLEGE	OR	2	2
LINN-BENTON COMMUNITY COLLEGE	OR	1	1
OREGON INSTITUTE OF TECHNOLOGY	OR	2	2
OREGON STATE UNIVERSITY	OR	94	83
PACIFIC UNIVERSITY	OR	22	20
PORTLAND COMMUNITY COLLEGE	OR	5	5
PORTLAND STATE UNIVERSITY	OR	43	39
REED COLLEGE	OR	1	0
SOUTHERN OREGON UNIVERSITY	OR	1	1
UNIVERSITY OF OREGON - EUGENE	OR	8	8
UNIVERSITY OF PORTLAND	OR	6	5
WESTERN OREGON UNIVERSITY	OR	3	3
WILLAMETTE UNIVERSITY	OR	1	1
ABIA STATE UNIVERSITY	OT*	2	1
ACADEMY OF ECONOMIC STUDIES - ROMANIA	OT*	1	1
ADDIS ABABA UNIVERSITY	OT*	3	1
AGRA UNIVERSITY	OT*	1	1
AHMADU BELLO UNIVERSITY	OT*	0	0
AJMAN UNIVERSITY OF SCIENCE AND TECHNOLOGY	OT*	1	1
AL AZHAR UNIVERSITY	OT*	1	1
ALEMAYA UNIVERSITY	OT*	1	1
ALLAMEH TABATABA'I UNIVERSITY	OT*	1	1
AUTONOMOUS UNIVERSITY OF GUADALAJARA	OT*	1	1
BANGALORE UNIVERSITY	OT*	0	0
CAIRO UNIVERSITY	OT*	1	1
CATHOLIC UNIVERSITY OF KOREA	OT*	1	1
CENTRO ESCOLAR UNIVERSITY	OT*	1	0
DAMASCUS UNIVERSITY	OT*	1	1
DEVI AHILYA UNIVERSITY	OT*	1	0
DHARMSINH DESAI INSTITUTE OF TECHNOLOGY	OT*	1	1
EGERTON UNIVERSITY	OT*	1	0
EWHA WOMANS UNIVERSITY	OT*	1	1
GONDAR COLLEGE OF MEDICAL SCIENCES	OT*	1	1
GUJARAT TECHNOLOGICAL UNIVERSITY	OT*	8	8
GURU NANAK DEV UNIVERSITY	OT*	1	0
INSTITUTE OF MEDICINE - MAHARJGUNJ CAMPUS	OT*	1	1
INTERNATIONAL CHRISTIAN UNIVERSITY	OT*	1	1
ISLAMIC AZAD UNIVERSITY	OT*	10	7
JAWAHARLAL NEHRU UNIVERSITY	OT*	1	0
JIMMA INSTITUTE OF HEALTH SCIENCES	OT*	2	2
JOMO KENYATTA UNIVERSITY	OT*	1	1
KATHMANDU UNIVERSITY	OT*	1	1
KENYATTA UNIVERSITY	OT*	1	0
KING ABDUL AZIZ UNIVERSITY	OT*	1	0
KWAME NKRUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY	OT*	8	6

KYUNGHEE UNIVERSITY	OT*	1	1
LA SAPIENZA UNIVERSITY	OT*	1	1
LAGOS UNIVERSITY TEACHING HOSPITAL	OT*	1	1
LEBANESE UNIVERSITY	OT*	1	0
LOVELY PROFESSIONAL UNIVERSITY	OT*	1	1
MAHIDOL UNIVERSITY	OT*	1	1
MING CHUAN UNIVERSITY	OT*	1	0
NATIONAL UNIVERSITY OF TRUJILLO	OT*	0	0
NIRMA UNIVERSITY	OT*	1	0
NJALA UNIVERSITY	OT*	1	0
NNAMDI AZIKIWE UNIVERSITY	OT*	1	1
NNAMDI AZIKIWE UNIVERSITY COLLEGE OF HEALTH SCIENCES	OT*	1	1
OBAFEMI AWOLOWO UNIVERSITY	OT*	3	2
OLABISI ONABANJO UNIVERSITY	OT*	2	1
OSMANIA UNIVERSITY	OT*	1	0
POHANG UNIVERSITY OF SCIENCE AND TECHNOLOGY	OT*	1	1
QUFU NORMAL UNIVERSITY	OT*	1	1
RAJIV GHANDI UNIVERSITY OF HEALTH SCIENCES	OT*	4	3
SALAHADDIN UNIVERSITY, COLLEGE OF MEDICINE	OT*	0	0
SAVITRIBAI PHULE PUNE UNIVERSITY	OT*	2	1
SEOUL WOMEN'S UNIVERSITY	OT*	1	1
SHANDONG UNIVERSITY	OT*	1	1
SHIRAZ UNIVERSITY	OT*	1	1
SHIRAZ UNIVERSITY OF MED. SCIENCE	OT*	1	1
TIANJIN UNIVERSITY	OT*	1	1
TUNGSHAI UNIVERSITY	OT*	1	1
UNIVERSITE FRANCOIS RABELAIS	OT*	1	1
UNIVERSITY OF ALEXANDRIA - FACULTY OF DENTISTRY	OT*	1	0
UNIVERSITY OF BAGHDAD	OT*	1	0
UNIVERSITY OF BAGHDAD - COLLEGE OF DENTISTRY	OT*	1	1
UNIVERSITY OF BENIN	OT*	2	1
UNIVERSITY OF BENIN - COLLEGE OF HEALTH SCIENCES	OT*	0	0
UNIVERSITY OF COPENHAGEN	OT*	1	1
UNIVERSITY OF DELHI	OT*	1	0
UNIVERSITY OF DSCHANG	OT*	2	2
UNIVERSITY OF GREENWICH	OT*	1	0
UNIVERSITY OF HAVANA	OT*	1	1
UNIVERSITY OF IBADAN DENTAL SCHOOL - COLLEGE OF MEDICINE	OT*	0	0
UNIVERSITY OF ILORIN	OT*	1	1
UNIVERSITY OF KERALA	OT*	1	1
UNIVERSITY OF KHARTOUM	OT*	1	1
UNIVERSITY OF LAGOS	OT*	2	2
UNIVERSITY OF MUMBAI	OT*	1	1
UNIVERSITY OF NIGERIA - NSUKKA	OT*	1	1
UNIVERSITY OF OTAGO	OT*	1	1
UNIVERSITY OF TEHRAN	OT*	2	0
UNIVERSITY OF THE WEST INDIES (JAMAICA)	OT*	1	1
UNIVERSITY OF YAOUNDE	OT*	0	0
UNIVERZITA KOMENSKÁ%HO	OT*	1	1
VEER NARMAD SOUTH GUJARAT UNIVERSITY	OT*	1	1

YEREVAN STATE UNIVERSITY	OT*	1	1
ZAGAZIG UNIVERSITY	OT*	1	0
ALBRIGHT COLLEGE	PA	1	1
ALLEGHENY COLLEGE	PA	1	1
ALVERNIA COLLEGE	PA	1	1
BLOOMSBURG UNIVERSITY OF PENNSYLVANIA	PA	5	4
BRYN MAWR COLLEGE	PA	1	1
BUCKNELL UNIVERSITY	PA	2	2
BUCKS COUNTY COMMUNITY COLLEGE	PA	4	4
BUTLER COUNTY COMMUNITY COLLEGE	PA	2	1
CALIFORNIA UNIVERSITY OF PENNSYLVANIA	PA	4	3
CARLOW UNIVERSITY	PA	1	0
CARNEGIE MELLON UNIVERSITY	PA	2	2
CHEYNEY UNIVERSITY OF PENNSYLVANIA	PA	0	0
CLARION UNIVERSITY OF PENNSYLVANIA	PA	6	5
COMMUNITY COLLEGE OF ALLEGHENY COUNTY - ALLEGHENY	PA	1	0
COMMUNITY COLLEGE OF ALLEGHENY COUNTY - SOUTH	PA	1	1
COMMUNITY COLLEGE OF PHILADELPHIA	PA	15	9
DELAWARE COUNTY COMMUNITY COLLEGE	PA	9	5
DESALES UNIVERSITY	PA	2	0
DREXEL UNIVERSITY	PA	4	4
DUQUESNE UNIVERSITY	PA	4	3
EAST STROUDSBURG UNIVERSITY OF PENNSYLVANIA	PA	4	4
EDINBORO UNIVERSITY OF PENNSYLVANIA	PA	2	2
ELIZABETHTOWN COLLEGE	PA	1	0
FRANKLIN AND MARSHALL COLLEGE	PA	1	1
GANNON UNIVERSITY	PA	10	7
GETTYSBURG COLLEGE	PA	1	1
GROVE CITY COLLEGE	PA	1	1
HARRISBURG AREA COMMUNITY COLLEGE - HARRISBURG / MAIN CAMPUS	PA	3	3
HARRISBURG AREA COMMUNITY COLLEGE - YORK	PA	2	2
HARRISBURG UNIVERSITY OF SCIENCE AND TECHNOLOGY	PA	1	1
HAVERFORD COLLEGE	PA	1	1
HOLY FAMILY UNIVERSITY	PA	1	0
IMMACULATA UNIVERSITY	PA	2	2
INDIANA UNIVERSITY OF PENNSYLVANIA - ARMSTRONG COUNTY	PA	1	0
INDIANA UNIVERSITY OF PENNSYLVANIA - SUTTON HALL	PA	6	4
JUNIATA COLLEGE	PA	3	3
KING'S COLLEGE (PENNSYLVANIA)	PA	1	1
KUTZTOWN UNIVERSITY OF PENNSYLVANIA	PA	4	3
LA ROCHE COLLEGE	PA	3	1
LA SALLE UNIVERSITY	PA	5	5
LAFAYETTE COLLEGE	PA	1	1
LEBANON VALLEY COLLEGE	PA	3	2
LECOM - LAKE ERIE COLLEGE OF OSTEOPATHIC MEDICINE - ERIE, PA	PA	3	2
LEHIGH UNIVERSITY	PA	1	1
LOCK HAVEN UNIVERSITY OF PENNSYLVANIA - LOCK HAVEN	PA	2	2
LUZERNE COUNTY COMMUNITY COLLEGE	PA	4	3
LYCOMING COLLEGE	PA	2	2
MANSFIELD UNIVERSITY	PA	1	1

MERCYHURST UNIVERSITY	PA	8	8
MESSIAH COLLEGE	PA	1	1
MILLERSVILLE UNIVERSITY OF PENNSYLVANIA	PA	1	0
MISERICORDIA UNIVERSITY	PA	2	1
MONTGOMERY COUNTY COMMUNITY COLLEGE	PA	6	4
MOUNT ALOYSIUS COLLEGE	PA	2	2
MUHLENBERG COLLEGE	PA	3	2
NEUMANN UNIVERSITY	PA	2	0
NORTHAMPTON COUNTY AREA COMM COLLEGE - BETHLEHEM/MONROE	PA	3	2
PENNSYLVANIA STATE UNIVERSITY	PA	40	35
PHILADELPHIA UNIVERSITY	PA	0	0
ROBERT MORRIS UNIVERSITY	PA	0	0
SAINT FRANCIS UNIVERSITY	PA	4	4
SAINT JOSEPH'S UNIVERSITY	PA	6	6
SAINT VINCENT COLLEGE AND SEMINARY	PA	4	3
SETON HILL UNIVERSITY	PA	3	3
SHIPPENSBURG UNIVERSITY OF PENNSYLVANIA	PA	3	2
SLIPPERY ROCK UNIVERSITY OF PENNSYLVANIA	PA	3	1
TEMPLE UNIVERSITY	PA	101	90
THOMAS JEFFERSON UNIVERSITY	PA	1	0
UNIVERSITY OF PENNSYLVANIA	PA	1	1
UNIVERSITY OF PITTSBURGH - BRADFORD	PA	3	3
UNIVERSITY OF PITTSBURGH - GREENSBURG	PA	11	9
UNIVERSITY OF PITTSBURGH - JOHNSTOWN	PA	8	7
UNIVERSITY OF PITTSBURGH - PITTSBURGH	PA	127	114
UNIVERSITY OF PITTSBURGH - TITUSVILLE	PA	2	2
UNIVERSITY OF SCRANTON	PA	5	5
UNIVERSITY OF THE SCIENCES IN PHILADELPHIA	PA	13	12
VILLANOVA UNIVERSITY	PA	1	0
WAYNESBURG COLLEGE	PA	1	1
WEST CHESTER UNIVERSITY OF PENNSYLVANIA	PA	4	4
WESTMINSTER COLLEGE (PA)	PA	4	4
WESTMORELAND COUNTY COMMUNITY COLLEGE	PA	1	1
WILKES UNIVERSITY	PA	2	1
WILSON COLLEGE	PA	1	1
YORK COLLEGE OF PENNSYLVANIA	PA	3	3
BAYAMON CENTRAL UNIVERSITY	PR	1	1
CATHOLIC UNIVERSITY OF PUERTO RICO - ARECIBO	PR	2	0
CATHOLIC UNIVERSITY OF PUERTO RICO - MAYAGUE	PR	1	1
CONSERVATORY OF MUSIC OF PUERTO RICO	PR	1	1
INTER AMERICAN UNIVERSITY OF PUERTO RICO - AGUADILLA CAMPUS	PR	6	4
INTER AMERICAN UNIVERSITY OF PUERTO RICO - ARECIBO CAMPUS	PR	3	1
INTER AMERICAN UNIVERSITY OF PUERTO RICO - BAYAMON CAMPUS	PR	4	2
INTER AMERICAN UNIVERSITY OF PUERTO RICO - FAJARDO CAMPUS	PR	1	0
INTER AMERICAN UNIVERSITY OF PUERTO RICO - GUAYAMA CAMPUS	PR	3	3
INTER AMERICAN UNIVERSITY OF PUERTO RICO - METROPOLITAN	PR	22	11
INTER AMERICAN UNIVERSITY OF PUERTO RICO - PONCE CAMPUS	PR	5	3
INTER AMERICAN UNIVERSITY OF PUERTO RICO - SAN GERMAN CAMPUS	PR	16	9
MEDICAL SCIENCE CAMPUS, PUERTO RICO	PR	2	2
POLYTECHNIC UNIVERSITY OF PUERTO RICO	PR	1	1

PONTIFICAL CATHOLIC UNIVERSITY OF PUERTO RICO - ARECIBO	PR	1	0
PONTIFICAL CATHOLIC UNIVERSITY OF PUERTO RICO - PONCE MAIN	PR	35	27
RECINTO UNIVERSITARIO DE MAYAGUEZ	PR	2	1
SISTEMA UNIVERSITARIO ANA G. MENDEZ	PR	1	0
UNIVERSIDAD ADVENTISTA DE LAS ANTILLAS	PR	1	1
UNIVERSIDAD CENTRAL DEL CARIBE	PR	1	0
UNIVERSIDAD DEL ESTE	PR	4	1
UNIVERSIDAD DEL SAGRADO CORAZON	PR	6	3
UNIVERSIDAD DEL TURABO	PR	4	2
UNIVERSIDAD METROPOLITANA (PUERTO RICO)	PR	2	2
UNIVERSITY OF PUERTO RICO - AGUADILLA	PR	29	22
UNIVERSITY OF PUERTO RICO - ARECIBO	PR	17	12
UNIVERSITY OF PUERTO RICO - BAYAMON UNIVERSITY COLLEGE	PR	29	17
UNIVERSITY OF PUERTO RICO - CAROLINA UNIVERSITY COLLEGE	PR	2	1
UNIVERSITY OF PUERTO RICO - CAYEY	PR	43	28
UNIVERSITY OF PUERTO RICO - HUMACAO	PR	8	5
UNIVERSITY OF PUERTO RICO - MAYAGUEZ CAMPUS	PR	35	24
UNIVERSITY OF PUERTO RICO - MEDICAL SCIENCES	PR	1	0
UNIVERSITY OF PUERTO RICO - PONCE	PR	13	8
UNIVERSITY OF PUERTO RICO - RIO PIEDRAS CAMPUS	PR	46	34
UNIVERSITY OF PUERTO RICO - UTUADO	PR	1	1
UNIVERSITY OF THE SACRED HEART (PUERTO RICO)	PR	3	2
BISHOP'S UNIVERSITY	QC	2	1
CONCORDIA UNIVERSITY - MONTREAL	QC	3	2
DAWSON COLLEGE	QC	1	1
MCGILL UNIVERSITY - MACDONALD COLLEGE	QC	1	0
MCGILL UNIVERSITY - MONTREAL	QC	13	13
VANIER COLLEGE	QC	1	1
COMMUNITY COLLEGE OF RHODE ISLAND	RI	2	2
PROVIDENCE COLLEGE	RI	3	3
RHODE ISLAND COLLEGE	RI	4	2
SALVE REGINA UNIVERSITY	RI	2	2
UNIVERSITY OF RHODE ISLAND - KINGSTON	RI	13	9
BENEDICT COLLEGE	SC	1	1
CHARLESTON SOUTHERN UNIVERSITY	SC	6	3
CLAFLIN UNIVERSITY	SC	3	1
CLEMSON UNIVERSITY	SC	37	35
COASTAL CAROLINA UNIVERSITY	SC	4	2
COKER COLLEGE	SC	2	1
COLLEGE OF CHARLESTON	SC	12	11
COLUMBIA COLLEGE (SC)	SC	1	0
CONVERSE COLLEGE	SC	2	1
ERSKINE COLLEGE	SC	3	2
FRANCIS MARION UNIVERSITY	SC	7	6
FURMAN UNIVERSITY	SC	2	2
GREENVILLE TECHNICAL COLLEGE	SC	7	3
HORRY-GEORGETOWN TECHNICAL COLLEGE	SC	2	2
LANDER UNIVERSITY	SC	3	2
MIDLANDS TECHNICAL COLLEGE	SC	8	4
NEWBERRY COLLEGE	SC	1	1

PIEDMONT TECHNICAL COLLEGE	SC	1	1
PRESBYTERIAN COLLEGE	SC	28	26
SOUTH CAROLINA STATE UNIVERSITY	SC	1	0
SOUTH UNIVERSITY - COLUMBIA	SC	1	1
SPARTANBURG COMMUNITY COLLEGE	SC	5	4
TRI-COUNTY TECHNICAL COLLEGE	SC	4	4
TRIDENT TECHNICAL COLLEGE - CHARLESTON	SC	7	6
UNIVERSITY OF SOUTH CAROLINA - AIKEN	SC	11	9
UNIVERSITY OF SOUTH CAROLINA - BEAUFORT	SC	4	4
UNIVERSITY OF SOUTH CAROLINA - COLUMBIA	SC	145	125
UNIVERSITY OF SOUTH CAROLINA - SUMTER	SC	1	1
UNIVERSITY OF SOUTH CAROLINA - UPSTATE	SC	5	4
WINTHROP UNIVERSITY	SC	10	8
WOFFORD COLLEGE	SC	2	2
AUGUSTANA COLLEGE (SD)	SD	1	0
BLACK HILLS STATE UNIVERSITY	SD	1	1
DAKOTA STATE UNIVERSITY	SD	1	1
DAKOTA WESLEYAN UNIVERSITY	SD	1	1
SOUTH DAKOTA STATE UNIVERSITY	SD	7	4
UNIVERSITY OF SOUTH DAKOTA - VERMILLION	SD	6	4
UNIVERSITY OF SASKATCHEWAN - SASKATOON	SK	2	0
AUSTIN PEAY STATE UNIVERSITY	TN	11	10
BAPTIST MEMORIAL COLLEGE OF HEALTH SCIENCES	TN	2	2
BELMONT UNIVERSITY	TN	15	13
BETHEL COLLEGE - MCKENZIE	TN	1	1
CARSON-NEWMAN UNIVERSITY	TN	4	4
CHATTANOOGA STATE COMMUNITY COLLEGE	TN	4	0
CHRISTIAN BROTHERS UNIVERSITY	TN	5	3
CLEVELAND STATE COMMUNITY COLLEGE	TN	2	2
CUMBERLAND UNIVERSITY	TN	2	2
DYERSBURG STATE COMMUNITY COLLEGE	TN	1	0
EAST TENNESSEE STATE UNIVERSITY	TN	49	36
FISK UNIVERSITY	TN	1	1
FREED-HARDEMAN UNIVERSITY	TN	2	2
JACKSON STATE COMMUNITY COLLEGE	TN	5	4
KING COLLEGE	TN	4	4
LANE COLLEGE	TN	1	1
LEE UNIVERSITY	TN	7	7
LINCOLN MEMORIAL UNIVERSITY	TN	5	4
LIPSCOMB UNIVERSITY	TN	17	16
MARYVILLE COLLEGE	TN	3	3
MIDDLE TENNESSEE STATE UNIVERSITY	TN	43	36
MOTLOW STATE COMMUNITY COLLEGE	TN	8	5
NASHVILLE STATE COMMUNITY COLLEGE	TN	10	7
NORTHEAST STATE TECHNICAL COMMUNITY COLLEGE	TN	0	0
PELLISSIPPI STATE TECHNICAL COMMUNITY COLLEGE	TN	2	1
RHODES COLLEGE	TN	6	6
ROANE STATE COMMUNITY COLLEGE	TN	2	2
SEWANEE: THE UNIVERSITY OF THE SOUTH	TN	3	3
SOUTH COLLEGE - KNOXVILLE	TN	8	7

SOUTHERN ADVENTIST UNIVERSITY	TN	5	5
SOUTHWEST TENNESSEE COMMUNITY COLLEGE - MACON CAMPUS	TN	2	1
SOUTHWEST TENNESSEE COMMUNITY COLLEGE - UNION CAMPUS	TN	1	0
TENNESSEE STATE UNIVERSITY	TN	5	4
TENNESSEE TECHNOLOGICAL UNIVERSITY	TN	9	9
TENNESSEE WESLEYAN COLLEGE	TN	1	1
TREVECCA NAZARENE UNIVERSITY	TN	1	0
TUSCULUM COLLEGE	TN	2	2
UNION UNIVERSITY	TN	14	14
UNIVERSITY OF MEMPHIS	TN	28	19
UNIVERSITY OF TENNESSEE - CHATTANOOGA	TN	12	10
UNIVERSITY OF TENNESSEE - KNOXVILLE	TN	81	72
UNIVERSITY OF TENNESSEE - MARTIN	TN	18	17
VANDERBILT UNIVERSITY	TN	3	2
VOLUNTEER STATE COMMUNITY COLLEGE	TN	1	1
WALTERS STATE COMMUNITY COLLEGE	TN	5	4
ABILENE CHRISTIAN UNIVERSITY	TX	1	1
ALVIN COMMUNITY COLLEGE	TX	0	0
AMARILLO COLLEGE	TX	3	0
ANGELO STATE UNIVERSITY	TX	4	4
AUSTIN COLLEGE	TX	2	1
AUSTIN COMMUNITY COLLEGE	TX	11	8
BAYLOR UNIVERSITY	TX	35	34
BRAZOSPORT COLLEGE	TX	1	0
BROOKHAVEN COLLEGE	TX	5	4
CENTRAL TEXAS COLLEGE	TX	1	0
CLARENDON COLLEGE	TX	1	0
COLLEGE OF THE MAINLAND	TX	1	1
COLLIN COUNTY COMMUNITY COLLEGE	TX	13	6
DALLAS BAPTIST UNIVERSITY	TX	1	1
DEL MAR COLLEGE	TX	3	3
DEVRY INSTITUTE OF TECHNOLOGY - IRVING	TX	1	1
EAST TEXAS BAPTIST UNIVERSITY	TX	1	1
EASTFIELD COLLEGE	TX	3	2
EL CENTRO COLLEGE	TX	1	1
EL PASO COMMUNITY COLLEGE	TX	8	6
GALVESTON COLLEGE	TX	1	1
GRAYSON COUNTY COLLEGE	TX	1	1
HOUSTON BAPTIST UNIVERSITY	TX	9	8
HOUSTON COMMUNITY COLLEGE	TX	65	41
HOWARD PAYNE UNIVERSITY	TX	1	1
JARVIS CHRISTIAN COLLEGE	TX	0	0
KILGORE COLLEGE	TX	3	2
LAMAR UNIVERSITY	TX	6	4
LEE COLLEGE	TX	1	1
LETOURNEAU UNIVERSITY	TX	0	0
LONE STAR COLLEGE - CYFAIR	TX	9	7
LONE STAR COLLEGE - KINGWOOD	TX	1	1
LONE STAR COLLEGE - MONTGOMERY	TX	2	1
LONE STAR COLLEGE - NORTH HARRIS	TX	5	5

LONE STAR COLLEGE - UNIVERSITY PARK	TX	6	6
MCLENNAN COMMUNITY COLLEGE	TX	2	2
MCMURRY UNIVERSITY	TX	4	4
MIDLAND COLLEGE	TX	1	1
MIDWESTERN STATE UNIVERSITY	TX	4	4
MOUNTAIN VIEW COLLEGE	TX	2	1
NAVARRO COLLEGE	TX	1	1
NORTH CENTRAL TEXAS COLLEGE	TX	2	2
NORTH LAKE COLLEGE	TX	10	7
NORTHEAST TEXAS COMMUNITY COLLEGE	TX	2	1
NORTHWEST VISTA COLLEGE - MAIN CAMPUS	TX	3	1
NORTHWEST VISTA COLLEGE - SAN ANTONIO	TX	6	4
ODESSA COLLEGE	TX	2	2
OUR LADY OF THE LAKE UNIVERSITY	TX	1	1
PALO ALTO COLLEGE	TX	2	1
PARIS JUNIOR COLLEGE	TX	1	0
PRAIRIE VIEW A&M UNIVERSITY	TX	11	9
RICE UNIVERSITY	TX	3	3
RICHLAND COLLEGE	TX	19	14
SAINT EDWARD'S UNIVERSITY	TX	1	1
SAINT MARY'S UNIVERSITY (TX)	TX	2	2
SAINT PHILIP'S COLLEGE	TX	2	1
SAM HOUSTON STATE UNIVERSITY	TX	5	4
SAN ANTONIO COLLEGE	TX	14	12
SAN JACINTO COLLEGE	TX	14	11
SOUTH TEXAS COLLEGE	TX	5	4
SOUTHERN METHODIST UNIVERSITY	TX	1	1
SOUTHWESTERN ADVENTIST UNIVERSITY	TX	1	1
STEPHEN F. AUSTIN STATE UNIVERSITY	TX	3	2
TARLETON STATE UNIVERSITY	TX	7	6
TARRANT COUNTY COLLEGE - NORTHEAST	TX	7	6
TARRANT COUNTY COLLEGE - NORTHWEST	TX	2	1
TARRANT COUNTY COLLEGE - SOUTH	TX	3	1
TARRANT COUNTY COLLEGE - SOUTHEAST	TX	9	7
TARRANT COUNTY COLLEGE - TRINITY RIVER	TX	2	1
TEMPLE COLLEGE	TX	3	3
TEXARKANA COLLEGE	TX	1	1
TEXAS A&M INTERNATIONAL UNIVERSITY	TX	4	1
TEXAS A&M UNIVERSITY - CENTRAL TEXAS	TX	1	1
TEXAS A&M UNIVERSITY - COLLEGE STATION (Main Campus)	TX	79	73
TEXAS A&M UNIVERSITY - COMMERCE	TX	8	4
TEXAS A&M UNIVERSITY - CORPUS CHRISTI	TX	5	3
TEXAS A&M UNIVERSITY - GALVESTON	TX	1	1
TEXAS A&M UNIVERSITY - KINGSVILLE	TX	16	12
TEXAS A&M UNIVERSITY - SAN ANTONIO	TX	2	2
TEXAS A&M UNIVERSITY - TEXARKANA	TX	1	1
TEXAS CHRISTIAN UNIVERSITY	TX	4	4
TEXAS SOUTHERN UNIVERSITY	TX	70	46
TEXAS STATE UNIVERSITY - SAN MARCOS	TX	17	13
TEXAS TECH UNIVERSITY	TX	51	38



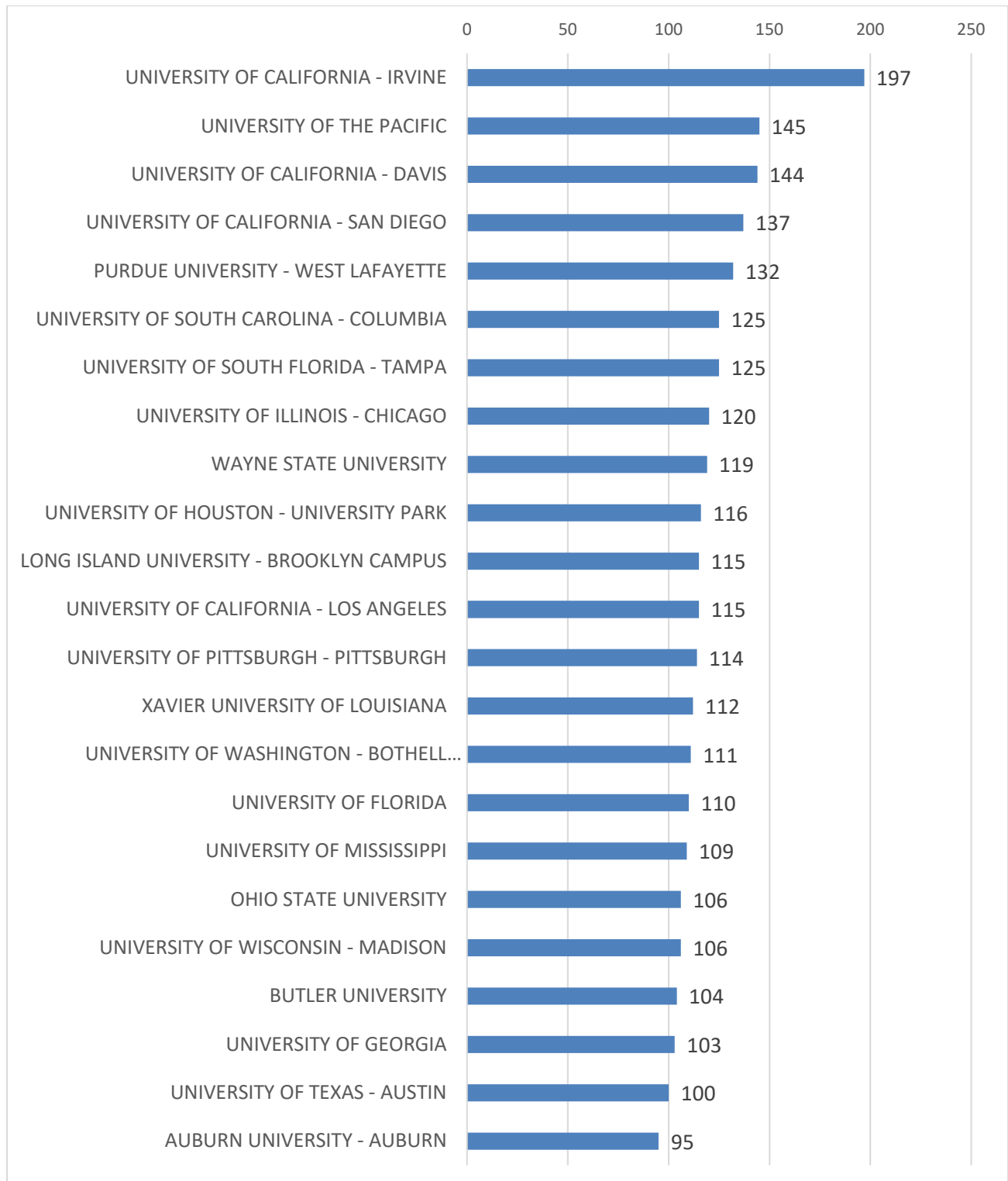
TEXAS WESLEYAN UNIVERSITY	TX	1	1
TEXAS WOMAN'S UNIVERSITY	TX	9	5
TRINITY UNIVERSITY (TX)	TX	2	2
TRINITY VALLEY COMMUNITY COLLEGE	TX	5	5
TYLER JUNIOR COLLEGE	TX	2	1
UNIVERSITY OF DALLAS	TX	1	1
UNIVERSITY OF HOUSTON - CLEAR LAKE	TX	8	5
UNIVERSITY OF HOUSTON - DOWNTOWN	TX	6	2
UNIVERSITY OF HOUSTON - UNIVERSITY PARK	TX	132	116
UNIVERSITY OF HOUSTON - VICTORIA	TX	2	0
UNIVERSITY OF MARY HARDIN-BAYLOR	TX	3	3
UNIVERSITY OF NORTH TEXAS	TX	48	39
UNIVERSITY OF SAINT THOMAS (TX)	TX	2	2
UNIVERSITY OF TEXAS - ARLINGTON	TX	43	32
UNIVERSITY OF TEXAS - AUSTIN	TX	110	100
UNIVERSITY OF TEXAS - BROWNSVILLE	TX	4	3
UNIVERSITY OF TEXAS - DALLAS	TX	64	56
UNIVERSITY OF TEXAS - EL PASO	TX	70	60
UNIVERSITY OF TEXAS - PAN AMERICAN	TX	6	5
UNIVERSITY OF TEXAS - SAN ANTONIO	TX	53	43
UNIVERSITY OF TEXAS - TYLER	TX	25	23
UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER - HOUSTON	TX	1	1
UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER - SAN ANTONIO	TX	2	1
UNIVERSITY OF TEXAS MD ANDERSON CANCER CENTER	TX	1	1
UNIVERSITY OF TEXAS MEDICAL BRANCH - GALVESTON	TX	1	0
UNIVERSITY OF TEXAS OF THE PERMIAN BASIN	TX	3	1
UNIVERSITY OF TEXAS RIO GRANDE VALLEY	TX	32	28
UNIVERSITY OF THE INCARNATE WORD	TX	36	31
WEATHERFORD COLLEGE	TX	1	1
WEST TEXAS A&M UNIVERSITY	TX	9	7
WHARTON COUNTY JUNIOR COLLEGE	TX	1	1
WILEY COLLEGE	TX	2	2
BRIGHAM YOUNG UNIVERSITY	UT	21	20
DIXIE STATE COLLEGE OF UTAH	UT	3	3
SALT LAKE COMMUNITY COLLEGE	UT	23	19
SNOW COLLEGE - EPHRAIM	UT	4	4
SOUTHERN UTAH UNIVERSITY	UT	5	5
UNIVERSITY OF PHOENIX (UT)	UT	1	0
UNIVERSITY OF UTAH	UT	37	33
UTAH STATE UNIVERSITY	UT	16	13
UTAH VALLEY UNIVERSITY	UT	19	16
WEBER STATE UNIVERSITY	UT	16	12
WESTERN GOVERNORS UNIVERSITY	UT	2	1
WESTMINSTER COLLEGE (UT)	UT	2	2
AVERETT UNIVERSITY	VA	2	2
BLUE RIDGE COMMUNITY COLLEGE - WEYERS CAVE	VA	1	0
BRIDGEWATER COLLEGE	VA	2	2
CHRISTOPHER NEWPORT UNIVERSITY	VA	3	3
COLLEGE OF WILLIAM AND MARY	VA	9	9
DEVRY UNIVERSITY - ARLINGTON, VA	VA	1	1

EASTERN SHORE COMMUNITY COLLEGE	VA	1	0
ECPI UNIVERSITY - VIRGINIA BEACH, VA / MAIN CAMPUS	VA	1	1
EMORY AND HENRY COLLEGE	VA	1	1
FERRUM COLLEGE	VA	2	2
GEORGE MASON UNIVERSITY	VA	38	36
HAMPTON UNIVERSITY	VA	4	1
J. SARGEANT REYNOLDS COMMUNITY COLLEGE	VA	2	1
JAMES MADISON UNIVERSITY	VA	9	9
LIBERTY UNIVERSITY	VA	2	1
LONGWOOD UNIVERSITY	VA	4	3
LORD FAIRFAX COMMUNITY COLLEGE	VA	1	1
LYNCHBURG COLLEGE	VA	2	2
MARYMOUNT UNIVERSITY	VA	4	4
MOUNTAIN EMPIRE COMMUNITY COLLEGE	VA	1	1
NORFOLK STATE UNIVERSITY	VA	5	2
NORTHERN VIRGINIA COMMUNITY COLLEGE	VA	27	20
OLD DOMINION UNIVERSITY	VA	7	4
PAUL D. CAMP COMMUNITY COLLEGE	VA	1	0
RADFORD UNIVERSITY	VA	4	2
RANDOLPH-MACON COLLEGE	VA	3	3
REGENT UNIVERSITY	VA	1	1
ROANOKE COLLEGE	VA	3	3
SHENANDOAH UNIVERSITY	VA	6	6
SOUTHERN VIRGINIA UNIVERSITY	VA	1	1
SOUTHWEST VIRGINIA COMMUNITY COLLEGE	VA	14	13
STRATFORD UNIVERSITY	VA	1	0
THOMAS NELSON COMMUNITY COLLEGE	VA	2	1
TIDEWATER COMMUNITY COLLEGE	VA	5	4
UNIVERSITY OF MARY WASHINGTON	VA	2	2
UNIVERSITY OF RICHMOND	VA	3	3
UNIVERSITY OF VIRGINIA - CHARLOTTESVILLE	VA	21	19
UNIVERSITY OF VIRGINIA'S COLLEGE AT WISE	VA	2	2
VIRGINIA COMMONWEALTH UNIVERSITY	VA	57	51
VIRGINIA HIGHLANDS COMMUNITY COLLEGE	VA	0	0
VIRGINIA MILITARY INSTITUTE	VA	1	0
VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	VA	41	39
VIRGINIA STATE UNIVERSITY	VA	2	1
VIRGINIA UNION UNIVERSITY	VA	1	0
WASHINGTON AND LEE UNIVERSITY	VA	1	1
CHAMPLAIN COLLEGE	VT	1	1
MIDDLEBURY COLLEGE	VT	1	1
SAINT MICHAEL'S COLLEGE	VT	10	7
UNIVERSITY OF VERMONT	VT	11	11
BELLEVUE COLLEGE	WA	4	3
CASCADIA COMMUNITY COLLEGE	WA	3	3
CENTRAL WASHINGTON UNIVERSITY	WA	11	8
COLUMBIA BASIN COLLEGE	WA	1	0
EASTERN WASHINGTON UNIVERSITY	WA	11	10
EDMONDS COMMUNITY COLLEGE	WA	1	1
EVERETT COMMUNITY COLLEGE	WA	1	1

GONZAGA UNIVERSITY	WA	4	4
HERITAGE UNIVERSITY	WA	3	3
NORTH SEATTLE COMMUNITY COLLEGE	WA	8	7
NORTHWEST UNIVERSITY	WA	1	1
OLYMPIC COLLEGE	WA	2	1
PACIFIC LUTHERAN UNIVERSITY	WA	6	6
PIERCE COLLEGE - LAKEWOOD	WA	2	2
PIERCE COLLEGE - PUYALLUP	WA	3	2
SEATTLE CENTRAL COMMUNITY COLLEGE	WA	1	1
SEATTLE PACIFIC UNIVERSITY	WA	3	1
SEATTLE UNIVERSITY	WA	4	3
SHORELINE COMMUNITY COLLEGE	WA	3	1
SOUTH SEATTLE COMMUNITY COLLEGE	WA	2	2
SPOKANE COMMUNITY COLLEGE	WA	2	2
TACOMA COMMUNITY COLLEGE	WA	5	4
UNIVERSITY OF PUGET SOUND	WA	2	2
UNIVERSITY OF WASHINGTON - BOTHELL /SEATTLE /TACOMA	WA	121	111
WALLA WALLA UNIVERSITY	WA	2	2
WASHINGTON STATE UNIVERSITY - PULLMAN/SPOKANE/TRI/VANCOUVER	WA	46	36
WENATCHEE VALLEY COLLEGE	WA	0	0
WESTERN WASHINGTON UNIVERSITY	WA	11	11
WHITWORTH UNIVERSITY	WA	6	6
ALVERNO COLLEGE	WI	1	0
CARDINAL STRITCH UNIVERSITY	WI	2	2
CARROLL UNIVERSITY - WAUKESHA	WI	2	2
CARTHAGE COLLEGE	WI	4	4
CONCORDIA UNIVERSITY - WISCONSIN	WI	32	30
EDGEWOOD COLLEGE	WI	1	1
LAWRENCE UNIVERSITY	WI	4	3
MADISON AREA TECHNICAL COLLEGE	WI	3	2
MADISON COLLEGE	WI	1	1
MARQUETTE UNIVERSITY	WI	5	5
MILWAUKEE SCHOOL OF ENGINEERING	WI	1	1
MOUNT MARY UNIVERSITY	WI	2	1
NORTHLAND COLLEGE	WI	1	1
SAINT NORBERT COLLEGE	WI	8	8
UNIVERSITY OF WISCONSIN - EAU CLAIRE	WI	5	5
UNIVERSITY OF WISCONSIN - GREEN BAY	WI	13	11
UNIVERSITY OF WISCONSIN - LA CROSSE	WI	12	11
UNIVERSITY OF WISCONSIN - MADISON	WI	115	106
UNIVERSITY OF WISCONSIN - MARATHON COUNTY	WI	2	2
UNIVERSITY OF WISCONSIN - MILWAUKEE	WI	20	16
UNIVERSITY OF WISCONSIN - OSHKOSH	WI	10	8
UNIVERSITY OF WISCONSIN - PARKSIDE	WI	6	5
UNIVERSITY OF WISCONSIN - PLATTEVILLE	WI	2	1
UNIVERSITY OF WISCONSIN - RIVER FALLS	WI	3	3
UNIVERSITY OF WISCONSIN - ROCK COUNTY	WI	1	1
UNIVERSITY OF WISCONSIN - STEVENS POINT	WI	13	12
UNIVERSITY OF WISCONSIN - STOUT	WI	2	2
UNIVERSITY OF WISCONSIN - SUPERIOR	WI	1	1

UNIVERSITY OF WISCONSIN - WHITEWATER	WI	8	7
WISCONSIN LUTHERAN COLLEGE	WI	3	3
BLUE RIDGE COMMUNITY AND TECHNICAL COLLEGE	WV	1	0
CONCORD UNIVERSITY	WV	9	9
FAIRMONT STATE UNIVERSITY	WV	6	6
GLENVILLE STATE COLLEGE	WV	2	2
MARSHALL UNIVERSITY	WV	36	32
NEW RIVER COMMUNITY AND TECHNICAL COLLEGE	WV	1	1
POTOMAC STATE COLLEGE OF WEST VIRGINIA UNIVERSITY	WV	1	1
SHEPHERD UNIVERSITY	WV	4	4
UNIVERSITY OF CHARLESTON	WV	13	11
WEST VIRGINIA STATE UNIVERSITY	WV	4	4
WEST VIRGINIA UNIVERSITY - MORGANTOWN	WV	74	63
WEST VIRGINIA UNIVERSITY - PARKERSBURG	WV	1	1
WHEELING JESUIT UNIVERSITY	WV	1	1
CASPER COLLEGE	WY	1	1
NORTHERN WYOMING COMMUNITY C- SHERIDAN/GILLETTE/JOHNSON	WY	1	1
UNIVERSITY OF WYOMING	WY	40	36
NON-US/CANADIAN (FOREIGN) INSTITUTION		117	92
NOT LISTED CANADIAN INSTITUTION		0	0
NOT LISTED US INSTITUTION		25	18

*\*OT refers to "Other" in table.*

**Figure 42: Top Primary Institutions Attended by Accepted PharmCAS Applicants**

## PHARMCAS FEE WAIVERS

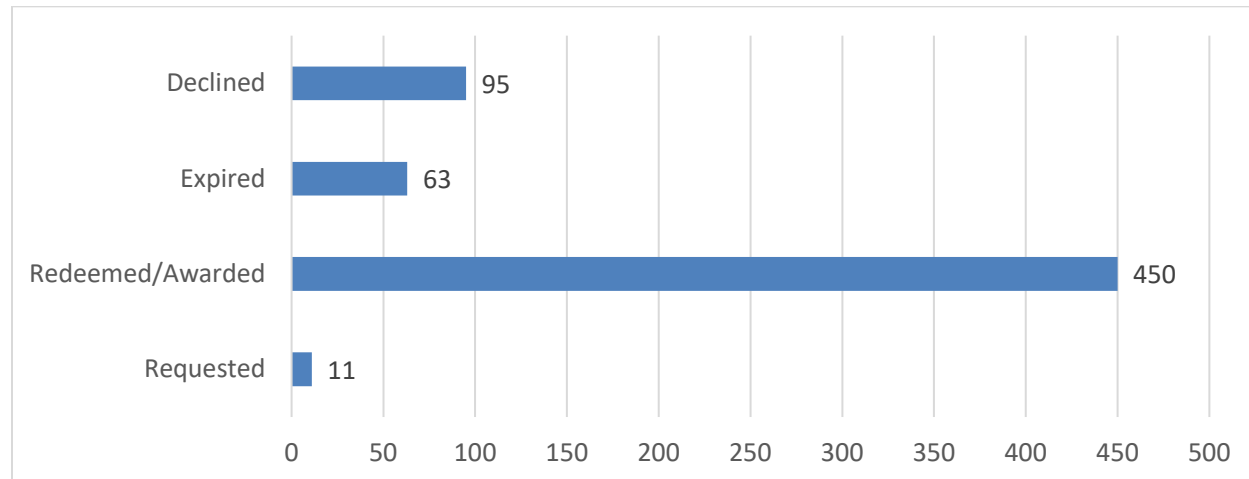
PharmCAS offers a limited number of application [fee waivers](#) to financially disadvantaged applicants. The annual AACP fee waiver fund was \$80,000 in 2017-2018 admissions cycle. AACP can support a maximum of 457 financially disadvantaged applicants.

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 1 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 45 days after the waiver was approved.

**Figure 43: PharmCAS Fee Waiver Summary**

REQUESTED (not considered/ application never submitted)	DECLINED (ineligible based on income)	APPROVED		Total # of Fee Waiver Requests RECEIVED
		Redeemed/Awarded	Expired/Not Redeemed	
11	95	450	63	619

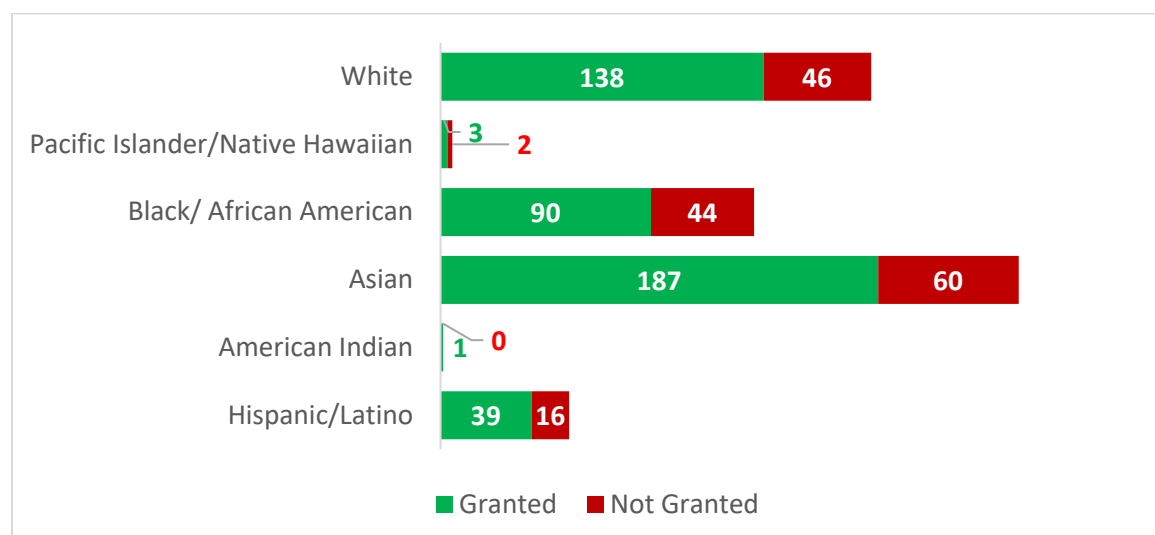
**Figure 44: PharmCAS Fee Waiver Requests and Actions**



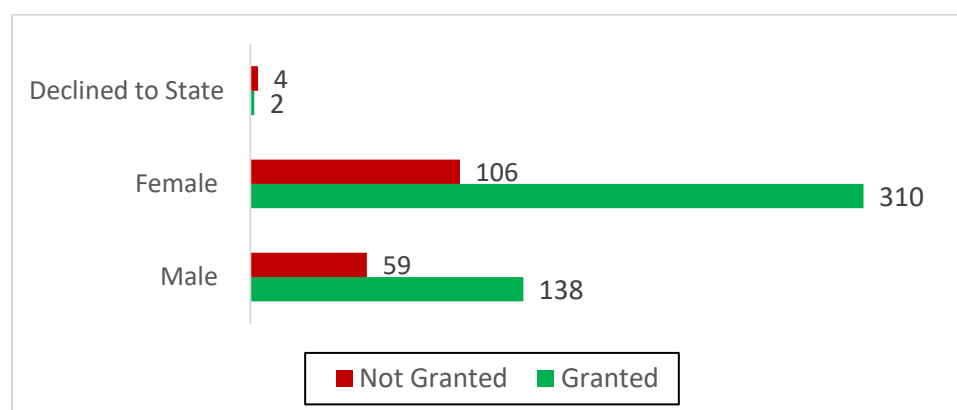
**Figure 45: PharmCAS Fee Waiver and Early Decision Status**

Fee Waiver Status	Applied Early Decision	Applied Early Decision but Returned to Regular Pool	Not Early Decision
Granted	52	49	349
Not Granted	5	3	161
TOTAL	57	52	510

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

**Figure 46: 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 identified 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 47: 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 48: PharmCAS Fee Waiver Status by Disadvantaged Status**

Fee Waiver Status	Environmentally Disadvantaged	Economically Disadvantaged	Both Environmentally and Economically Disadvantaged	Not Disadvantaged
Granted	362	310	278	56
Not Granted	119	84	77	43
TOTAL	481	394	355	99

\*Disadvantaged status is applicant-reported and is not verified 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.

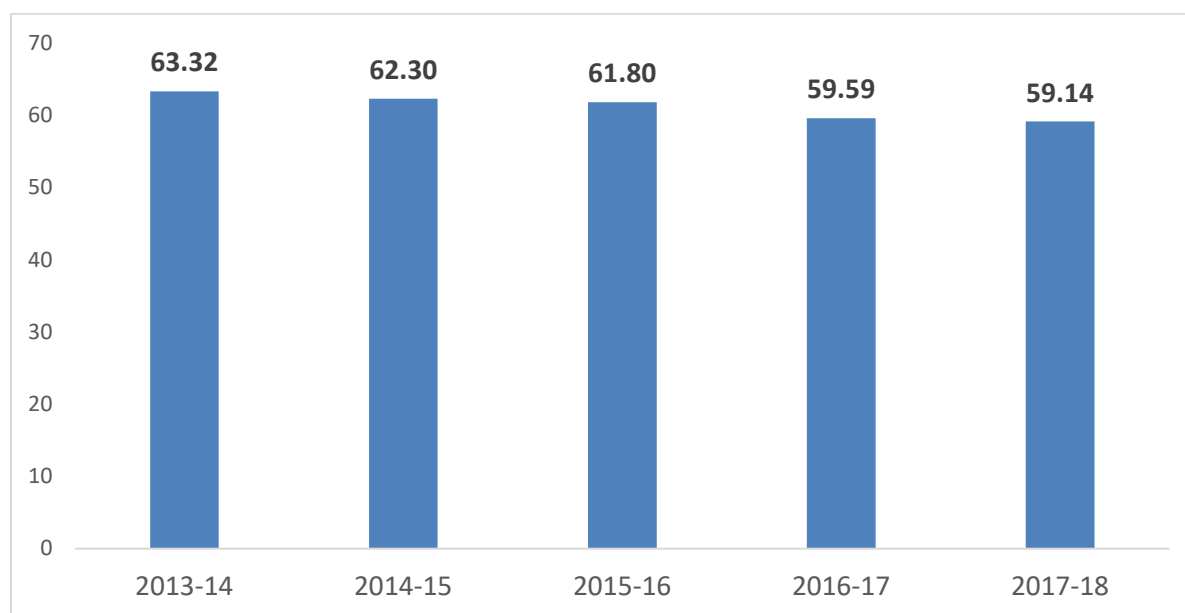
## OFFICIAL PCAT SCORES

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 calculation for this report.

**Figure 49: Mean Official PCAT Scores and Percentiles for PharmCAS Applicants**

Highest PCAT Scores	All Applicants	Accepted Applicants
Biology	413.11	415.37
Biology Percentile	57.34%	60.47%
Chemistry	415.73	418.48
Chemistry Percentile	59.91%	63.31%
Quantitative	405.12	406.95
Quantitative Percentile	54.83%	57.54%
Reading	394.38	396.15
Reading Percentile	48.09%	50.35%
Composite Score	407.22	409.37
Composite Score Percentile	55.66%	59.14%
Verbal	12.75	9.8
Writing Language	2.89	2.93

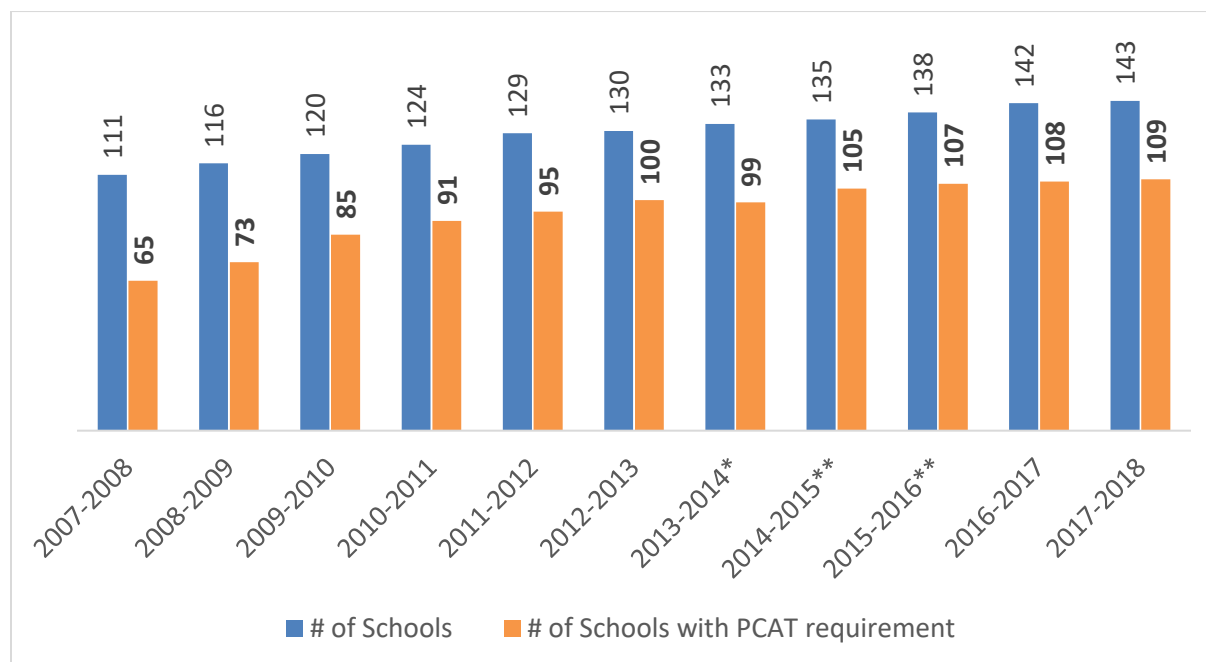
**Figure 50: PCAT Composite Percentiles for Accepted PharmCAS Applicants (2014-2018)**





**Figure 51: PCAT Test Takers by Cycle (2004-2018)**

PCAT Testing Cycle	# of PCAT Test Takers
Year 2003-04	25036
Year 2004-05	25340
Year 2005-06	27844
Year 2006-07	30140
Year 2007-08	32958
Year 2008-09	33684
Year 2009-10	35352
Year 2010-11	33873
Year 2011-12	29001
Year 2012-13	23488
Year 2013-14	26410
Year 2014-15	18768
Year 2015-16	23156
Year 2016-17	21448
Year 2017-18	19229

**Figure 52: Number of Schools with PCAT Requirement (2008-2018)**

\* 3 Schools did not report data during year

\*\* 1 School did not report data during year

## Regional

Figure 53: PharmCAS Applications by School per Regional District (2016-17 vs 2017-18)

2016-17 & 2017-18	Mean # of Verified Applicants Per School		% Change in Verified Applicants per School		% of Schools with Increase	% of Schools with Decrease	% of Schools with No Change	Median # of Verified Applicants Per School		Range in # of Verified Applicants per School		Total # of Apps
	2017	2018	Mean	Range				2017	2018	2017	2018	
All	503.0	396.5	-21.2%	-63% to +72%	13.4%	85.8%	0.8%	465	365	88 to 1183	96 to 986	50352
Public	458.2	357.5	-22.0%	-63% to +42%	10.2%	89.8%	0.0%	436	335	160 to 1018	119 to 668	21090
Private	541.9	430.3	-20.6%	-61% to +72%	16.2%	82.3%	1.5%	484	385	88 to 1183	96 to 986	29262
Districts 1 & 2	480.6	386.9	-19.5%	-50% to +50%	14.7%	82.4%	2.9%	417	334	146 to 1183	163 to 986	13154
District 3	503.8	405.4	-19.5%	-41% to +31%	14.3%	85.7%	0.0%	447	349	177 to 1129	153 to 935	11351
District 4	453.9	352.7	-18.6%	-40% to +72%	15.8%	84.2%	0.0%	404	377	88 to 1018	96 to 674	7017
Districts 5, 6, 7	443.7	330.1	-25.6%	-60% to +5%	11.5%	88.5%	0.0%	363	315	160 to 1100	117 to 648	8583
District 8	663.8	512.4	-22.8%	-63% to +13%	10.0%	90.0%	0.0%	660	512	201 to 1081	136 to 849	10247

Percentages reflect final verified applicant data for 2017-2018 and 2016-2017 for pharmacy schools that participated in PharmCAS during both cycles. Programs new to PharmCAS in 2017-18 were excluded. Therefore, overall means differ from data for full applicant pools. The districts reflect the regional groups for the National Association of Boards of Pharmacy (NABP).

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. (Non-U.S. locations in NABP districts were omitted.)