

# **2019-2020**

# **PharmCAS Applicant Data Report**

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**2019-2020 Admissions Cycle  
for the 2020 Entering Class**



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## INSTITUTIONS PARTICIPATING IN PHARMCAS: 2019-2020

The 2019-2020 PharmCAS Applicant Data Report was developed by the American Association of Colleges of Pharmacy and reflects data for the 135 programs that participated in PharmCAS during its 17<sup>th</sup> admissions cycle. The additional programs that joined PharmCAS during the 2020-2021 cycle are not listed below or included in this report. For a current list of participating doctor of pharmacy (Pharm.D.) degree programs, please visit the PharmCAS website at [www.pharmcas.org](http://www.pharmcas.org).

*\* Indicates new institutions in PharmCAS during the 2019-2020 admissions cycle.*

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

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

## OVERALL APPLICANT AND APPLICATION TRENDS

The 2019-2020 PharmCAS Applicant Data Report reflects 13,988 applicants with verified application status who applied via the Pharmacy College Application Service (PharmCAS) during the 2019-2020 (17<sup>th</sup>) admissions cycle. Applicants with verified status submitted a total of 35,947 applications to 135 colleges and schools of pharmacy that participated in PharmCAS.

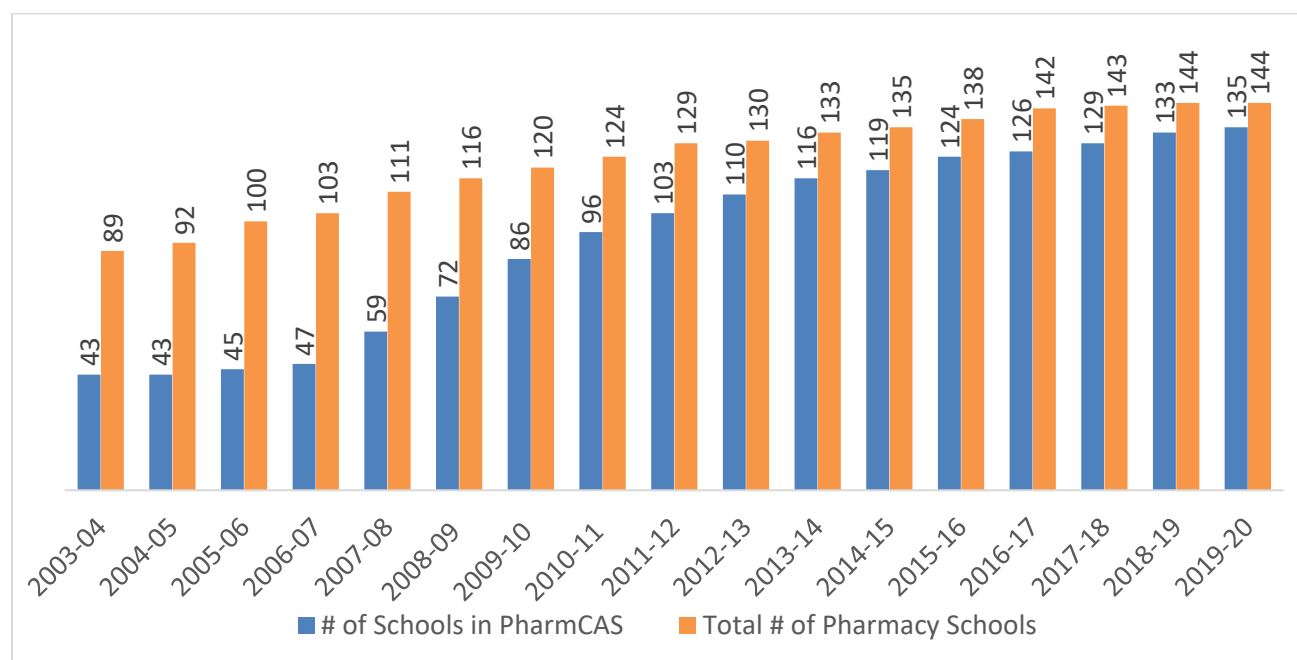
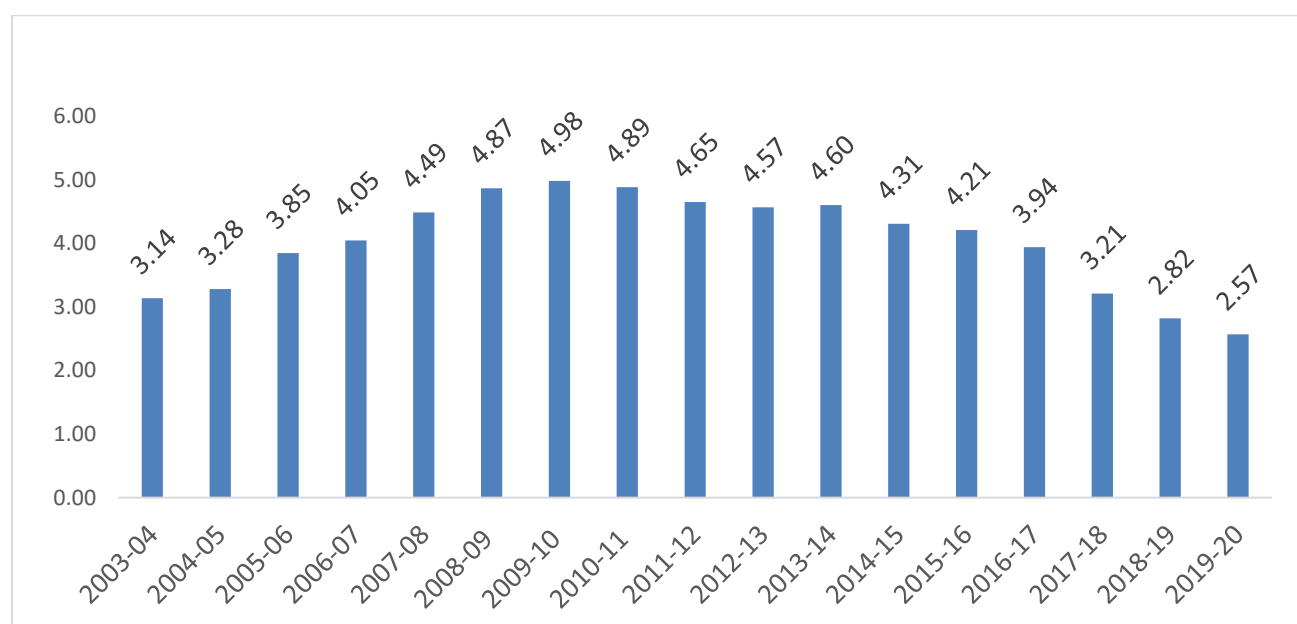
Participating colleges and schools of pharmacy submitted admission decisions for applicants in the 2019-2020 admissions cycle through September 30, 2020. PharmCAS applicants with verified status and the following admission decisions were categorized as “accepted” for the purposes of this report: Declined Offer, Deferred, Matriculated, Offer Accepted, Offer Made, and Withdrew After Matriculation.

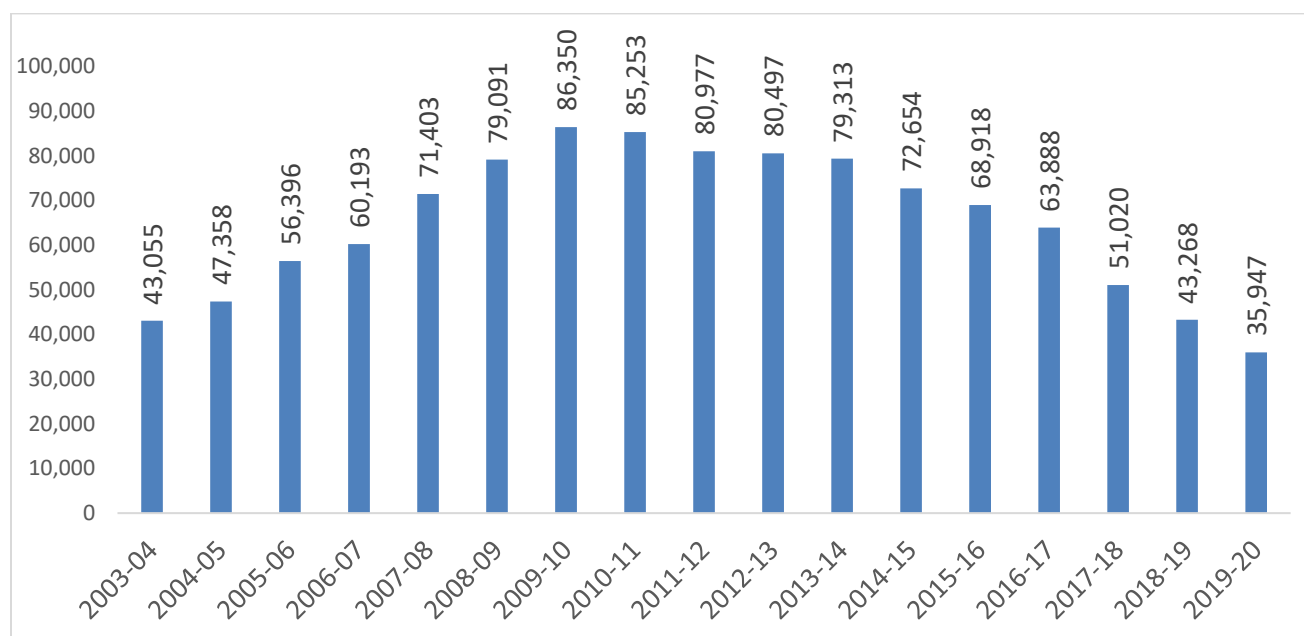
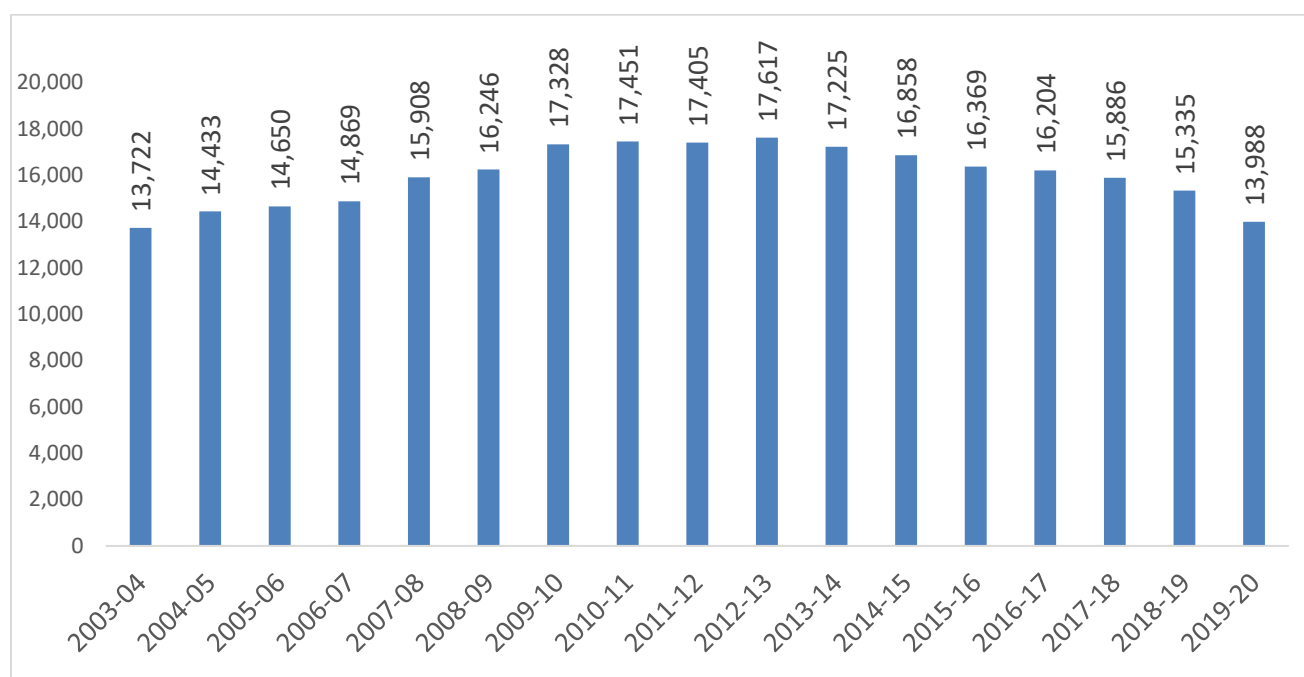
“Schools” in this report refers to the colleges and schools of pharmacy that participated in PharmCAS.

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 (2004-2020)**

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

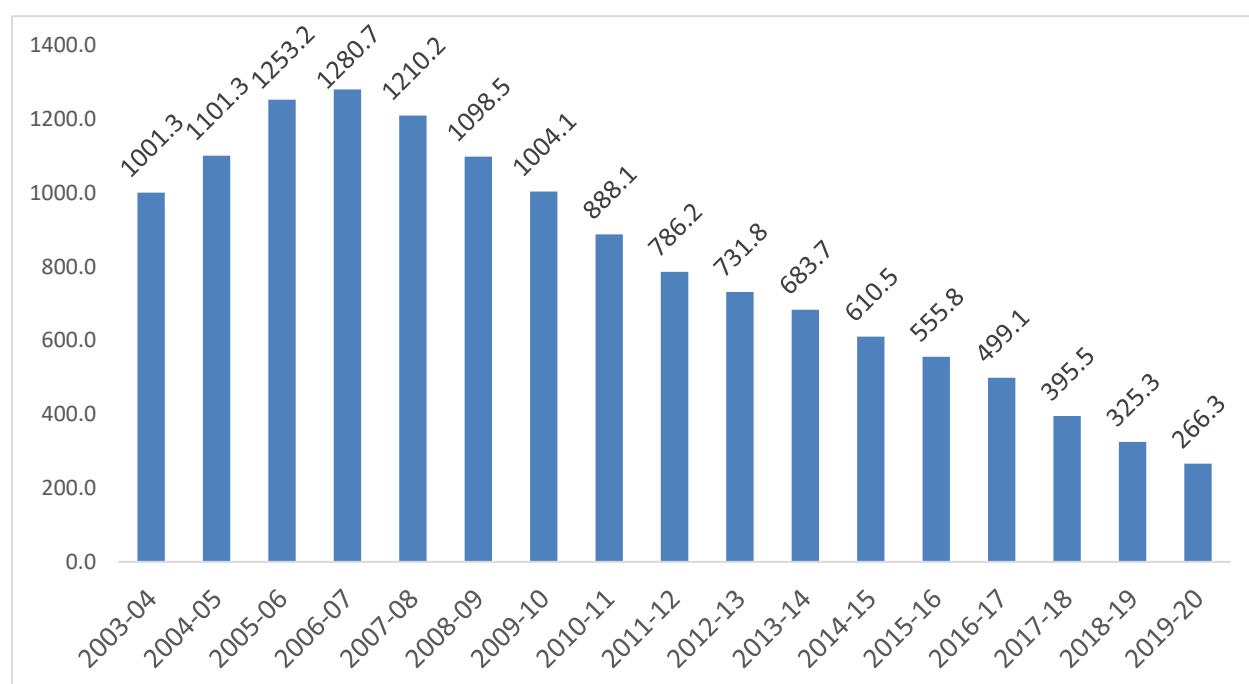
**Figure 2: Number of Schools Participating in PharmCAS (2004-2020)****Figure 3: PharmCAS Applications per Applicant Ratio (2004-2020)**

**Figure 4: Total Number of PharmCAS Applications (2004-2020)****Figure 5: Total Number of PharmCAS Applicants (2004-2020)**



**Figure 6: PharmCAS Applications per School (2004-2020)**

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

**Figure 7: Mean Number of PharmCAS Applications per School (2004-2020)**

**Figure 8: PharmCAS Early Decision Applicants and Schools (2013-2020)**

Cycle	# of Early Decision Schools	Total # of Early Decision Applicants	Total # of PharmCAS Applicants	Percentage of ED Applicants in Total Applicant Pool
2012-13	34	528	17,225	<b>3.0%</b>
2013-14	42	658	16,858	<b>3.8%</b>
2014-15	59	952	16,369	<b>5.6%</b>
2015-16	84	1,773	16,176	<b>10.6%</b>
2016-17	101	2,022	16,369	<b>12.5%</b>
2017-18	111	2,408	15,886	<b>15.2%</b>
2018-19	113	2,851	15,335	<b>18.6%</b>
2019-20	118	3,180	13,988	<b>22.7%</b>

**Figure 9: PharmCAS Accepted Applicants (2004-2020)**

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

*\*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

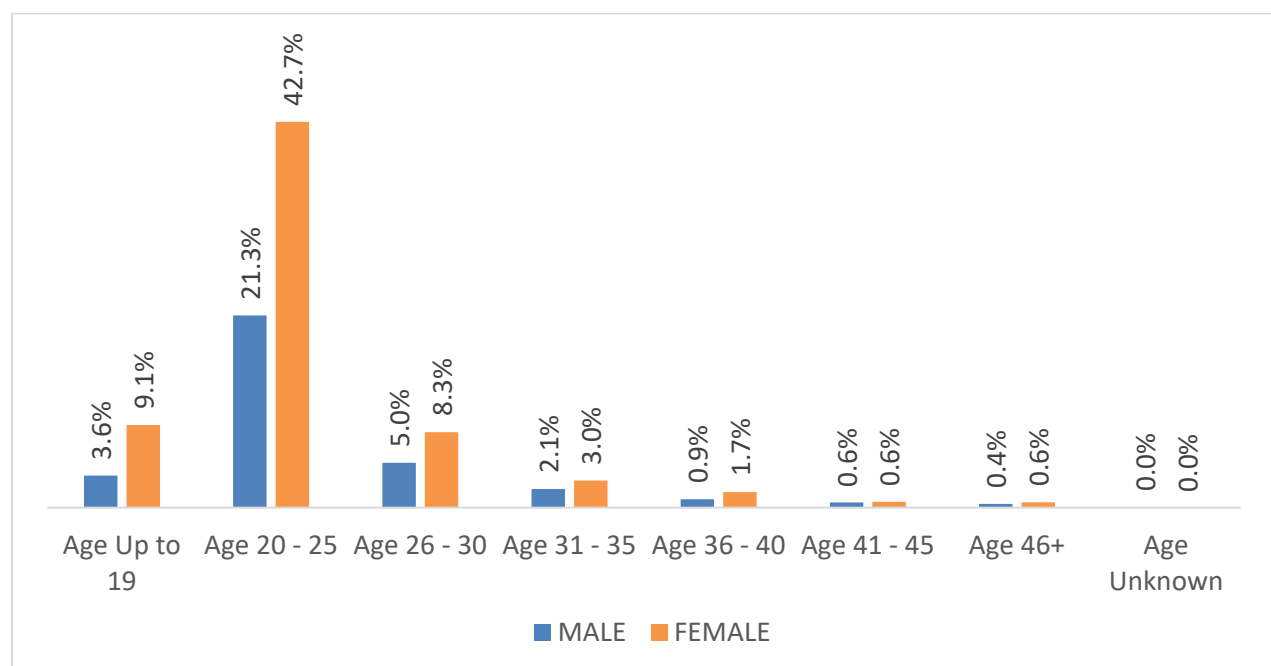
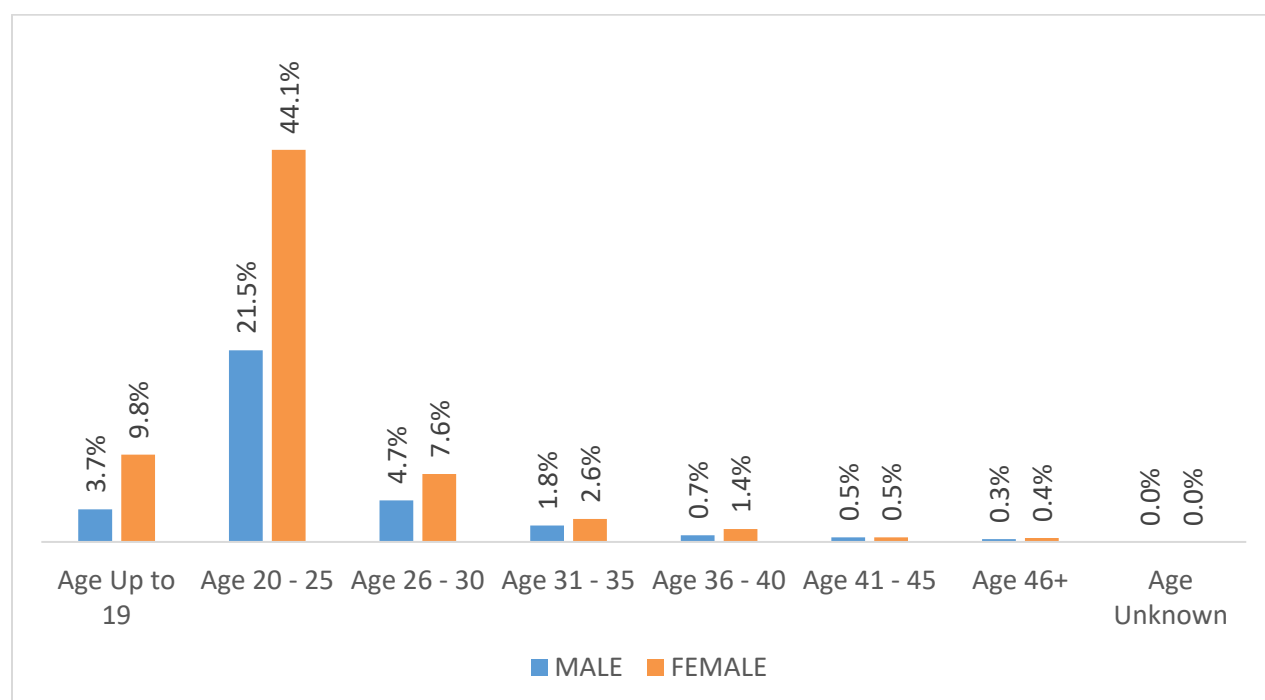
PharmCAS age data is based on the “age\_at\_submission” field in the PharmCAS application. PharmCAS cannot verify or edit the age or date of birth fields on behalf of applicants; therefore, some age data may be inaccurate. PharmCAS currently tracks the biological sex of applicants and not gender identity.

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

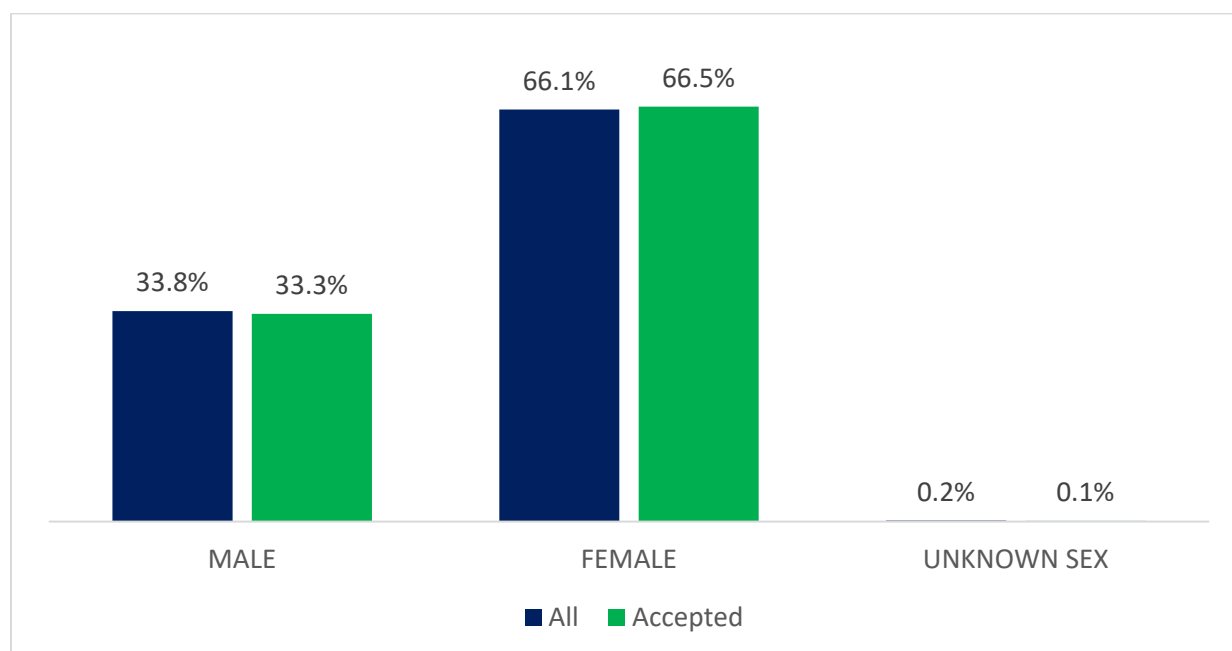
Age	MALE		FEMALE		DECLINE TO STATE		TOTAL	
	#	%	#	%	#	%	#	%
Age Up to 19	497	10.5%	1,279	13.8%	1	5.9%	1,777	12.7%
Age 20 - 25	2,974	63.0%	5,972	64.6%	11	64.7%	8,957	64.0%
Age 26 - 30	693	14.7%	1,166	12.6%	2	11.8%	1,861	13.3%
Age 31 - 35	289	6.1%	418	4.5%	2	11.8%	709	5.1%
Age 36 - 40	129	2.7%	241	2.6%	1	5.9%	371	2.7%
Age 41 - 45	79	1.7%	89	1.0%	0	0.0%	168	1.2%
Age 46+	58	1.2%	82	0.9%	0	0.0%	140	1.0%
Age Unknown	5	0.1%	0	0.0%	0	0.0%	5	0.0%
<b>TOTAL</b>	<b>4,724</b>	<b>100%</b>	<b>9,247</b>	<b>100%</b>	<b>17</b>	<b>100%</b>	<b>13,988</b>	<b>100%</b>
<b>Mean</b>	<b>24.3</b>		<b>23.53</b>		<b>23.59</b>		<b>23.79</b>	
<b>Median</b>	<b>22</b>		<b>22</b>		<b>22</b>		<b>22</b>	
<b>Range</b>	<b>17-63</b>		<b>16-65</b>		<b>18-37</b>		<b>16-65</b>	

**Figure 11: Accepted PharmCAS Applicants by Age and Sex**

Age	MALE		FEMALE		DECLINE TO STATE		TOTAL	
	#	%	#	%	#	%	#	%
Age Up to 19	444	11.0%	1,193	14.8%	1	6.7%	1,638	13.5%
Age 20 - 25	2,616	64.6%	5,354	66.3%	9	60.0%	7,979	65.7%
Age 26 - 30	568	14.0%	928	11.5%	2	13.3%	1,498	12.3%
Age 31 - 35	224	5.5%	314	3.9%	2	13.3%	540	4.4%
Age 36 - 40	90	2.2%	176	2.2%	1	6.7%	267	2.2%
Age 41 - 45	62	1.5%	63	0.8%	0	0.0%	125	1.0%
Age 46+	39	1.0%	53	0.7%	0	0.0%	92	0.8%
Age Unknown	4	0.1%	0	0.0%	0	0.0%	4	0.0%
<b>TOTAL</b>	<b>4,047</b>	<b>100%</b>	<b>8,081</b>	<b>100%</b>	<b>15</b>	<b>100%</b>	<b>12,143</b>	<b>100%</b>
<b>Mean</b>	<b>23.97</b>		<b>23.15</b>		<b>25.27</b>		<b>23.43</b>	
<b>Median</b>	<b>22</b>		<b>22</b>		<b>23</b>		<b>22</b>	
<b>Range</b>	<b>17-63</b>		<b>16-65</b>		<b>17-39</b>		<b>16-65</b>	

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

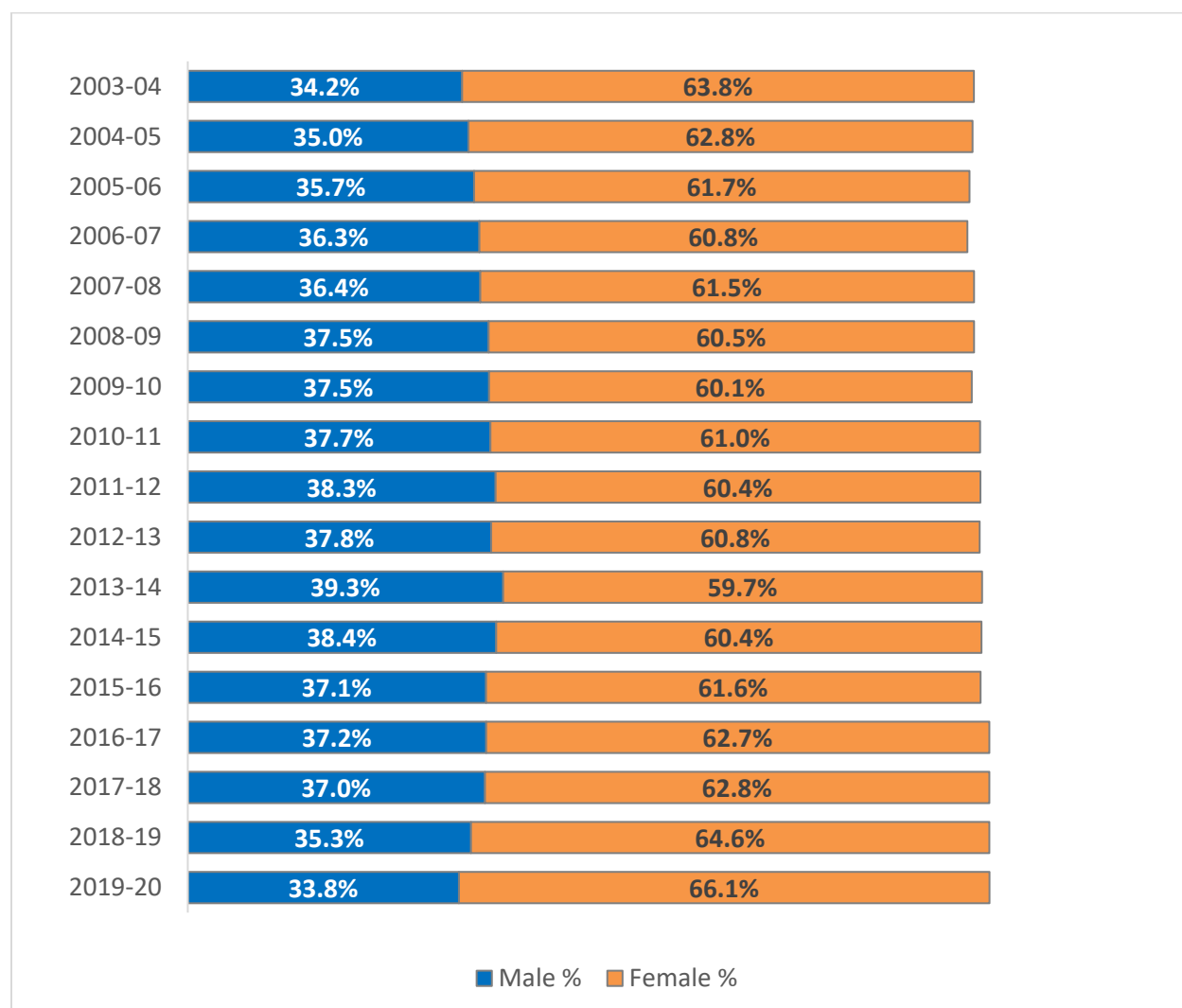
*\* The percentages in these graphs were calculated based on the total number of applicants in the 2019-2020 pools (all and accepted). Applicants who declined to report an age on the PharmCAS application are reported as "Age Unknown". Applicants who declined to report a sex are not represented in this graph.*

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

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

**Figure 15: PharmCAS Applicants by Sex per Cycle (2004-2020)**

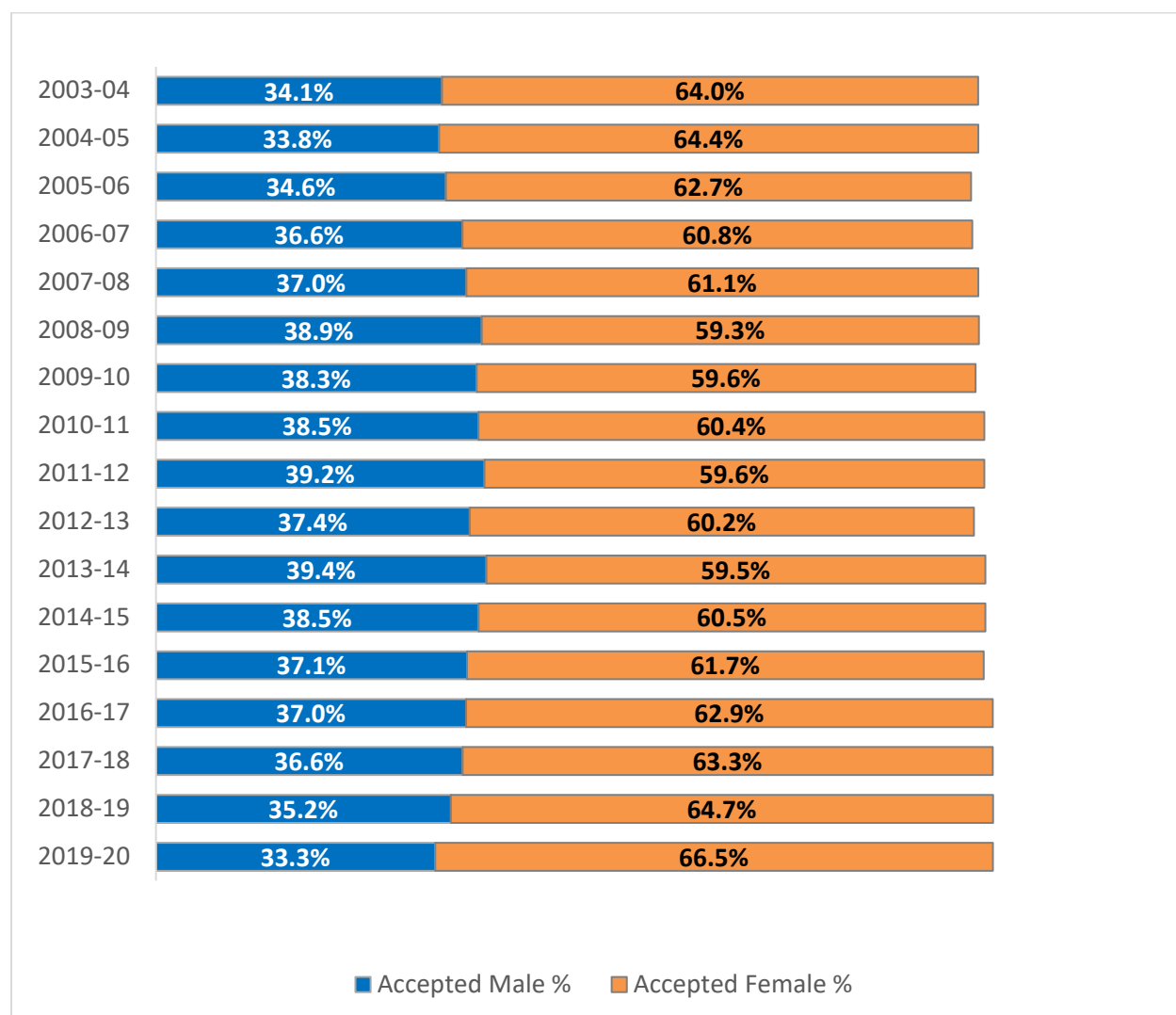
Cycle	Male	% of Total Pool	Female	% of Total Pool	Decline to State	% of Total Pool	Total
2003-04	<b>4,689</b>	34.2%	<b>8,748</b>	63.8%	<b>285</b>	2.1%	<b>13,722</b>
2004-05	<b>5,047</b>	35.0%	<b>9,062</b>	62.8%	<b>324</b>	2.2%	<b>14,433</b>
2005-06	<b>5,224</b>	35.7%	<b>9,042</b>	61.7%	<b>384</b>	2.6%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

**Figure 16: Percentage of PharmCAS Applicants by Sex per Cycle (2004-2020)**

**Figure 17: Accepted PharmCAS Applicants by Sex per Cycle (2004-2020)**

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



**Figure 18: Percentage of Accepted PharmCAS Applicants by Sex per Cycle (2004-2020)**

## RACE/ETHNICITY

During the 2003-2004 (first) admissions cycle, applicants could select only one racial or ethnic category on the PharmCAS application. Applicants in the 2009-10 cycle could select one or more racial or ethnic categories, and the “Hispanic or Latino” category was moved to a separate field. The “other” racial and ethnic category was eliminated in the 2009-2010 cycle.

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

The number of “Hispanic/Latino” applicants in the following figures reflects all applicants who self-identified as Hispanic or Latino, regardless of race selected. There were **1,238** applicants who selected YES to the “race\_hispanic” field and YES to at least one race field (as compared to 1,252 in the previous cycle). There were **433** applicants who selected YES to the “race\_hispanic” field only and did not select a race field (as compared to 492 in the previous cycle.)

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

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

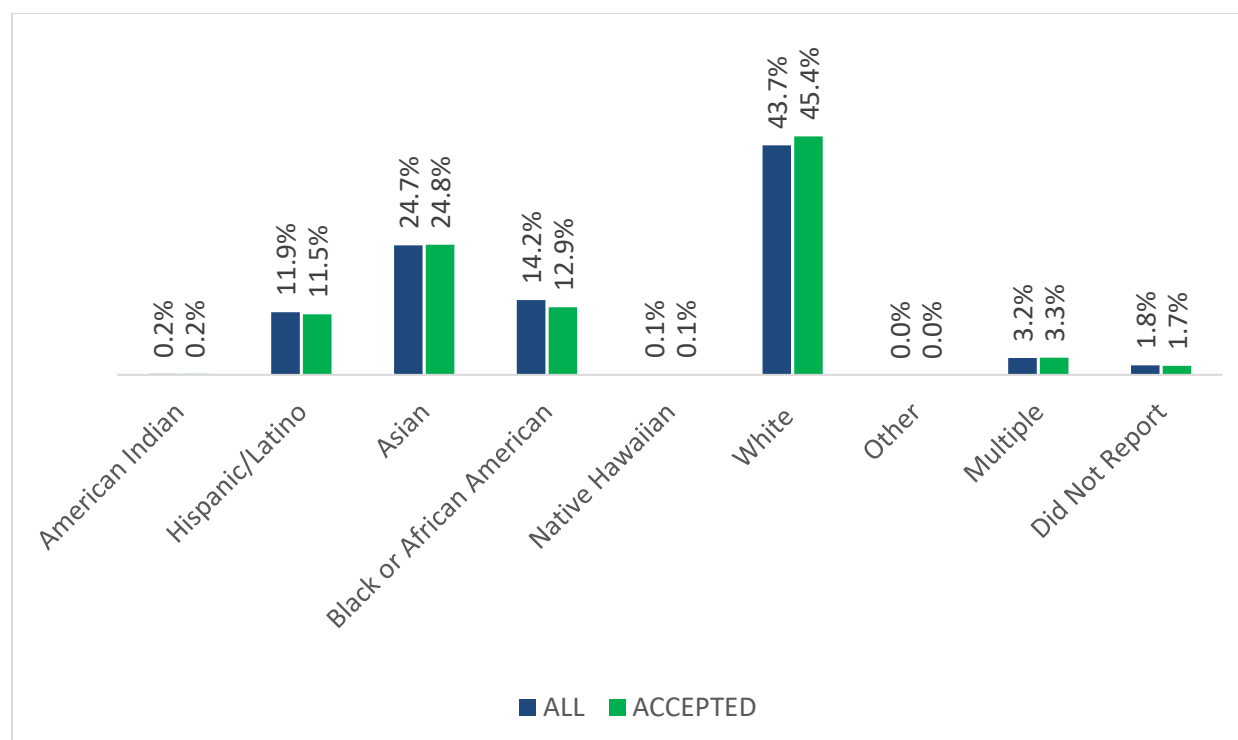
RACE/ETHNICITY	2019-2020 Applicants in PharmCAS							
	MALE		FEMALE		UNKNOWN		TOTAL	
	#	%	#	%	#	%	#	%
American Indian	10	0.21%	18	0.19%	0	0.00%	28	0.20%
Hispanic/Latino	593	12.55%	1,076	11.64%	2	9.09%	1,671	11.95%
Asian	1,165	24.66%	2,281	24.67%	8	36.36%	3,454	24.69%
Black or African American	639	13.53%	1,353	14.63%	1	4.55%	1,993	14.25%
Native Hawaiian	4	0.08%	15	0.16%	0	0.00%	19	0.14%
White	2,069	43.80%	4,048	43.78%	0	0.00%	6,117	43.73%
Other	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Multiple	146	3.09%	304	3.29%	1	4.55%	451	3.22%
Did Not Report	98	2.07%	152	1.64%	5	22.73%	255	1.82%
<b>TOTAL</b>	<b>4,724</b>	<b>100%</b>	<b>9,247</b>	<b>100%</b>	<b>17</b>	<b>77%</b>	<b>13,988</b>	<b>100%</b>

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

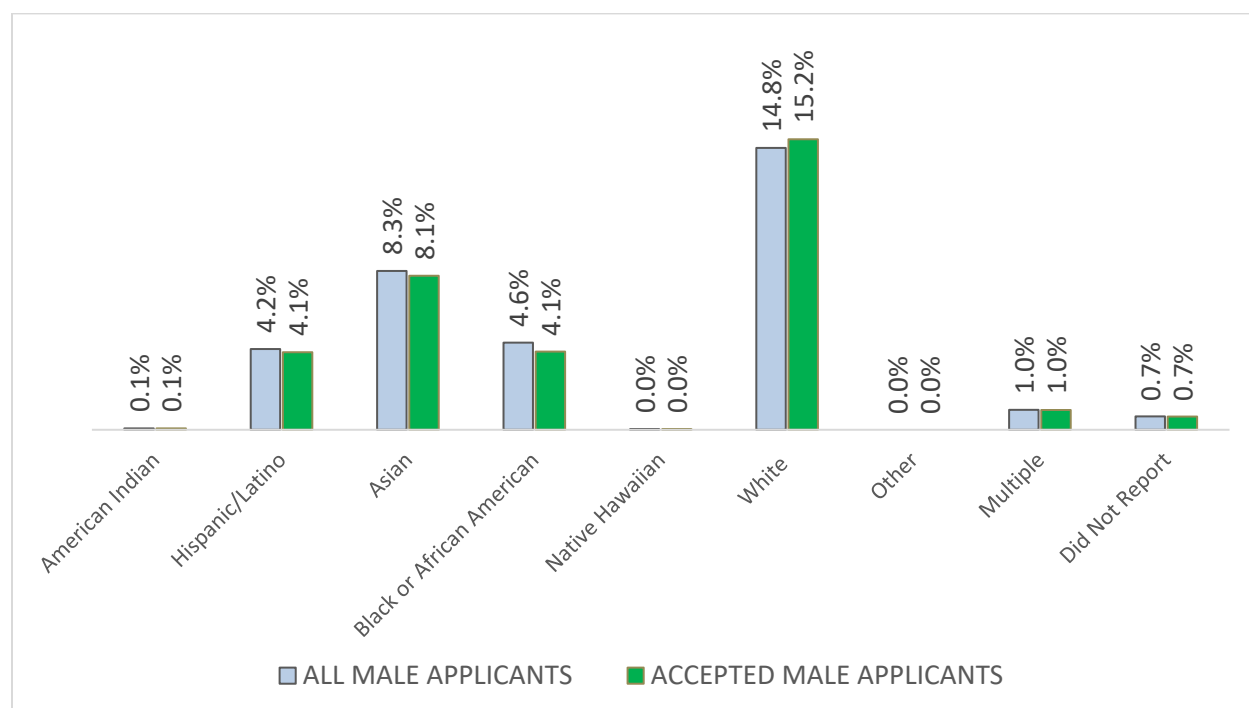
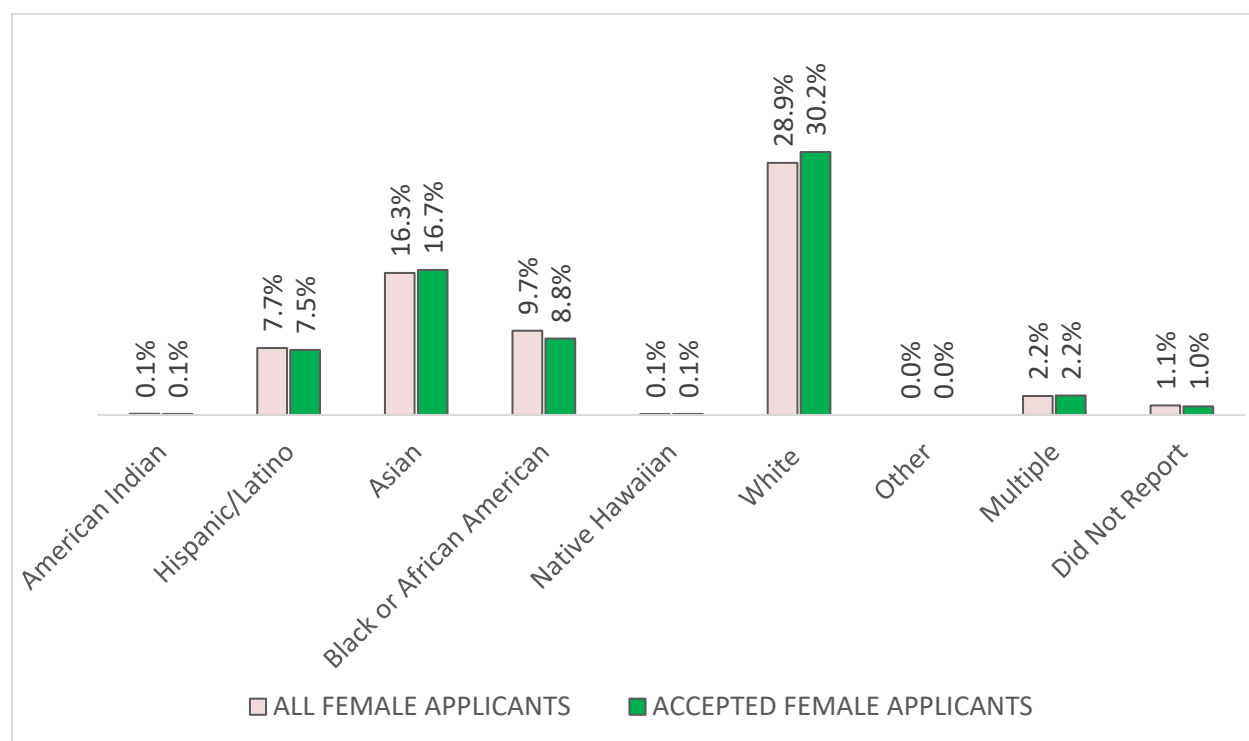
**Figure 20: Accepted PharmCAS Applicants by Race/Ethnicity and Sex**

RACE/ETHNICITY	2019-2020 Accepted Applicants in PharmCAS							
	MALE		FEMALE		UNKNOWN		TOTAL	
	#	%	#	%	#	%	#	%
American Indian	9	0.22%	15	0.19%	0	0.00%	24	0.20%
Hispanic/Latino	494	12.21%	906	11.21%	2	13.33%	1402	11.55%
Asian	981	24.24%	2022	25.02%	7	46.67%	3010	24.79%
Black or African American	498	12.31%	1066	13.19%	1	6.67%	1565	12.89%
Native Hawaiian	4	0.10%	14	0.17%	0	0.00%	18	0.15%
White	1851	45.74%	3667	45.38%	0	0.00%	5518	45.44%
Other	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Multiple	126	3.11%	271	3.35%	1	6.67%	398	3.28%
Did Not Report	84	2.08%	120	1.48%	4	26.67%	208	1.71%
<b>TOTAL</b>	<b>4,047</b>	<b>100.0%</b>	<b>8,081</b>	<b>100%</b>	<b>15</b>	<b>100%</b>	<b>12,143</b>	<b>100%</b>

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

**Figure 21: 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.

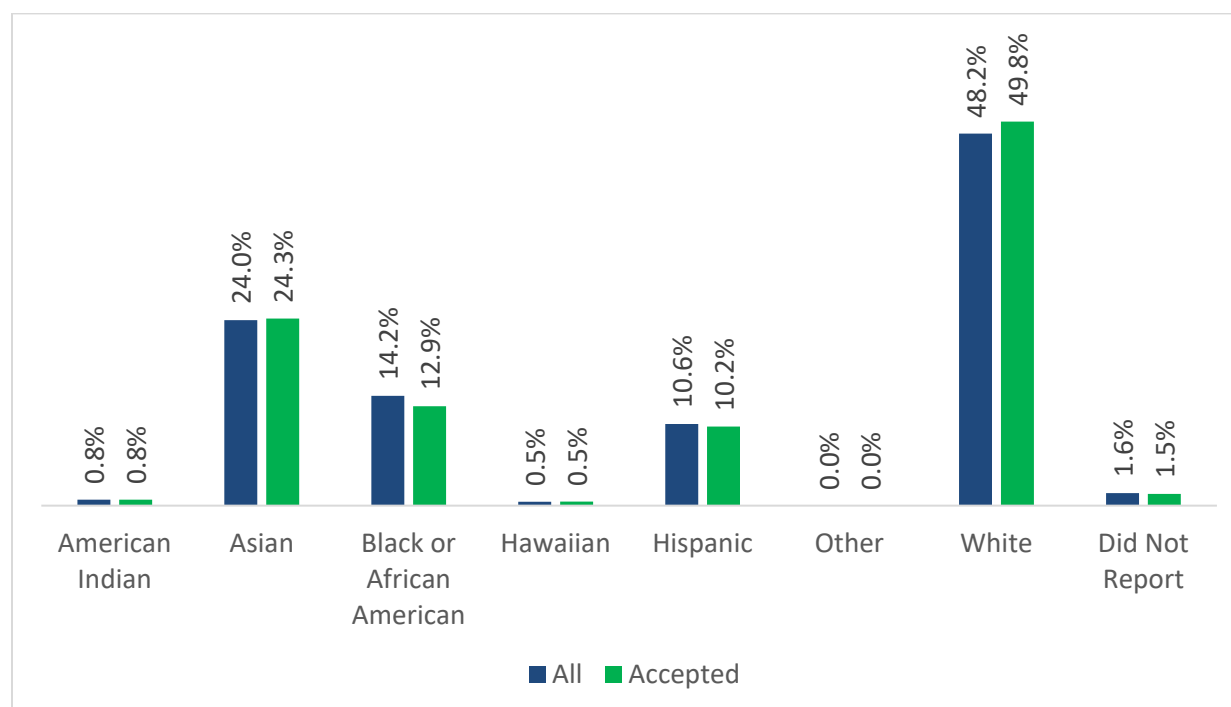
**Figure 22: Percentage of MALE PharmCAS Applicants by Race and Acceptance Status****Figure 23: Percentage of FEMALE PharmCAS Applicants by Race and Acceptance Status**

\* 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 24: PharmCAS Applicants by All Race and Ethnicity Designations**

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

RACE/ETHNICITY DESIGNATIONS	All Applicants		Accepted Applicants	
	#	%	#	%
American Indian	123	0.78%	105	0.77%
Asian	3,796	24.05%	3,319	24.26%
Black or African American	2,247	14.24%	1,764	12.89%
Native Hawaiian	79	0.50%	72	0.53%
Hispanic/Latino	1,671	10.59%	1,402	10.25%
Other	0	0.00%	0	0.00%
White	7,613	48.23%	6,812	49.79%
Did Not Report	255	1.62%	208	1.52%
<b>Total</b>	<b>15,784</b>	<b>100%</b>	<b>13,682</b>	<b>100%</b>

**Figure 25: Percentage of PharmCAS Applicants by Race Designations and Acceptance Status**

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

**Figure 26: Percentage of PharmCAS Applicants by Race Designations and State**

Permanent State of Residency	White	Asian	Hispanic/ Latino	Black or African American	American Indian/ Alaskan Native	Hawaiian/ Pacific Islander
Alabama	70.4%	7.9%	4.1%	16.5%	1.1%	
Alaska	56.3%	18.8%	6.3%	12.5%	6.3%	
Arizona	51.4%	24.4%	14.6%	7.6%	1.6%	0.3%
Arkansas	71.6%	10.6%	2.1%	14.9%	0.7%	
California	26.6%	55.9%	10.9%	5.3%	0.7%	0.6%
Colorado	50.0%	22.4%	15.8%	9.7%	1.5%	0.5%
Connecticut	57.8%	23.8%	5.4%	12.9%		
Delaware	19.0%	33.3%		47.6%		
District of Columbia	8.3%	16.7%	8.3%	66.7%		
Florida	43.9%	11.8%	23.3%	20.0%	0.7%	0.3%
Georgia	42.1%	19.9%	3.8%	32.3%	1.5%	0.4%
Hawaii	14.7%	54.9%	4.9%	1.0%	2.0%	22.5%
Idaho	74.1%	13.6%	8.6%	2.5%		1.2%
Illinois	56.2%	23.8%	7.5%	12.1%	0.1%	0.1%
Indiana	69.9%	14.2%	5.6%	9.6%		0.7%
Iowa	81.4%	8.6%	5.7%	3.6%	0.7%	
Kansas	59.4%	26.3%	4.6%	9.1%	0.6%	
Kentucky	85.0%	9.1%	1.6%	4.0%	0.4%	
Louisiana	46.5%	12.7%	4.7%	35.3%	0.7%	
Maine	79.4%	11.8%		8.8%		
Maryland	20.5%	26.5%	1.5%	51.1%		0.4%
Massachusetts	47.5%	26.5%	5.8%	19.7%	0.4%	
Michigan	76.4%	14.2%	1.9%	7.2%	0.4%	
Minnesota	64.7%	20.0%	0.4%	13.6%	0.9%	0.4%
Mississippi	56.0%	13.8%	1.4%	28.0%	0.9%	
Missouri	72.2%	13.7%	1.7%	11.1%	0.9%	0.4%
Montana	86.0%	6.0%	2.0%	2.0%	4.0%	
Nebraska	76.9%	8.7%	3.8%	8.7%	1.0%	1.0%
Nevada	33.1%	35.5%	12.9%	16.1%	0.8%	1.6%
New Hampshire	74.1%	7.4%	7.4%	11.1%		
New Jersey	39.8%	35.2%	7.7%	17.0%		0.3%
New Mexico	46.4%	14.4%	34.0%	4.1%		1.0%
New York	49.5%	31.3%	5.2%	13.3%	0.6%	0.1%
North Carolina	55.6%	14.0%	6.5%	21.2%	2.6%	0.3%
North Dakota	73.2%	4.9%	2.4%	14.6%	4.9%	

Permanent State of Residency	White	Asian	Hispanic/ Latino	Black or African American	American Indian/ Alaskan Native	Hawaiian/ Pacific Islander
Ohio	68.1%	14.7%	2.1%	14.7%	0.5%	
Oklahoma	44.2%	25.0%	6.7%	13.5%	9.6%	1.0%
Oregon	49.0%	39.2%	5.6%	3.5%	1.4%	1.4%
Pennsylvania	58.0%	27.0%	3.8%	11.0%	0.2%	
Puerto Rico	34.0%		57.0%	8.1%	0.9%	
Rhode Island	40.0%	20.0%	13.3%	26.7%		
South Carolina	59.3%	12.6%	4.4%	23.0%	0.4%	0.4%
South Dakota	85.7%		14.3%			
Tennessee	65.6%	12.0%	2.6%	19.5%	0.3%	
Texas	35.7%	22.2%	22.3%	18.7%	0.7%	0.5%
Utah	73.4%	16.5%	3.7%	2.8%	1.8%	1.8%
Vermont	83.3%	8.3%		8.3%		
Virginia	45.9%	26.7%	5.5%	21.6%	0.4%	
Washington	40.3%	42.5%	6.7%	7.1%	1.1%	2.2%
West Virginia	87.4%	6.3%	0.9%	3.6%	1.8%	
Wisconsin	80.3%	12.4%	2.3%	4.1%	0.5%	0.5%
Wyoming	71.4%	11.4%	5.7%	2.9%	8.6%	
All Applicants in PharmCAS	<b>48.23%</b>	<b>24.05%</b>	<b>10.59%</b>	<b>14.24%</b>	<b>0.78%</b>	<b>0.50%</b>

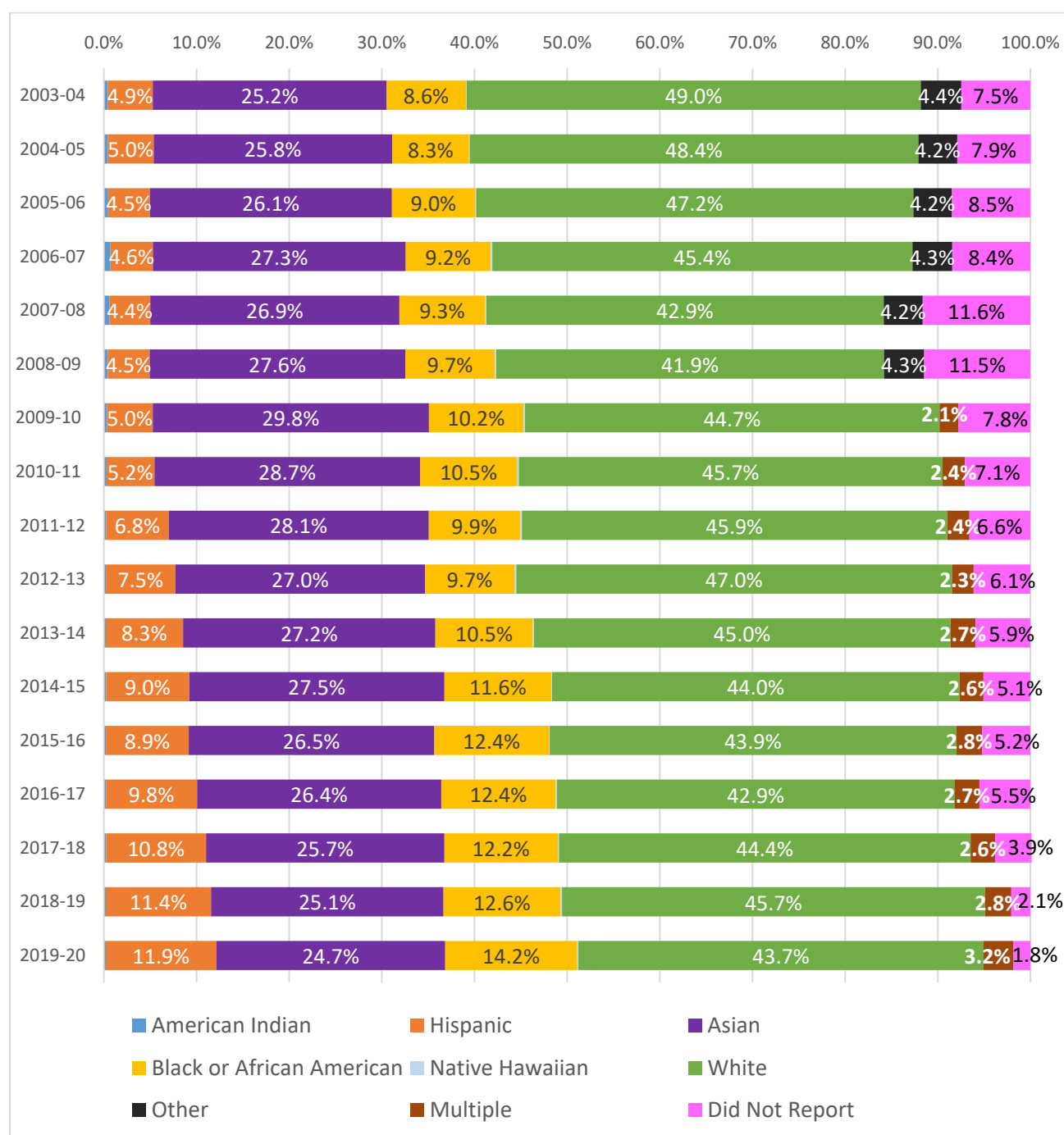
*\*Racial and ethnicity categories in the table are not mutually exclusive. Percentages were calculated based on the total number of race designations per permanent state of residency. Applicants with a permanent address in other locations (e.g., international) or declined to report a race or ethnicity on the PharmCAS application are not represented in this table. The table does not reflect the state of the applicants' selected pharmacy schools. Total percentages at the bottom of the table reflect the race designation percentages for all applicants in Figure 24.*

**Figure 27: PharmCAS Applicants by Race/Ethnicity per Cycle (2004-2020)**

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

\* Percentages were calculated based on the total number of PharmCAS applicants in the pool. Race/ethnicity categories in the table are mutually exclusive. The 2019-2020 data can also be found in Figure 19.



**Figure 28: Percentage of PharmCAS Applicants by Race/Ethnicity per Cycle (2004-2020)**

\* Percentages were calculated based on the total number of PharmCAS applicants in the pool. Race/ethnicity categories in the table are mutually exclusive. Trend data is also available in Figure 27. The 2019-2020 data can also be found in Figure 19.

## DISADVANTAGED STATUS

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

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

**Figure 29: PharmCAS Applicants by Education Occupation (EO) Status**

Education Occupation (EO) Status	All Applicants		Accepted Applicants	
	#	%	#	%
# of Applicants without an EO Score	4,538	32.44%	3,718	30.62%
# of Applicants with an EO Score	9,450	67.56%	8,425	69.38%
Mean EO Score	4.12		4.14	
Median EO Score	4.00		3.50	
Total	13,988	100%	12,143	100%

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

**Figure 30: Economically Disadvantaged Applicants**

Economic Disadvantaged Status	All	% of Total Pool	Accepted	% of Accepted Pool
Your parent's family income falls within the table's guidelines and you are considered to have met the criteria for economically disadvantaged.	3,382	24.18%	2,804	23.09%

**Figure 31: 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.	684	4.89%	538	4.43%
I graduated from a high school at which many of the enrolled students are eligible for free or reduced price lunches.	4,086	29.21%	3,517	28.96%
I am from a family that receives public assistance (e.g., Aid to Families with Dependent Children, food stamps, Medicaid, public housing).	1,800	12.87%	1,497	12.33%
I am from a family that lives in an area that is designated as a Health Professional Shortage Area, or a Medically Underserved Area.	981	7.01%	846	6.97%
I participated in an academic enrichment program funded in whole or in part by the Health Careers Opportunity Program	158	1.13%	115	0.95%
I am from a school district where 50% or less of graduates go to college or where college education is not encouraged.	1,264	9.04%	1,069	8.80%
I am the first generation in my family to attend college (neither my mother nor my father attended college).	3,694	26.41%	3,096	25.50%
English is not my primary language.	2,255	16.12%	1,853	15.26%
<b>Applicants reporting at least one disadvantage</b>	<b>7,434</b>	<b>53.15%</b>	<b>6,293</b>	<b>51.82%</b>

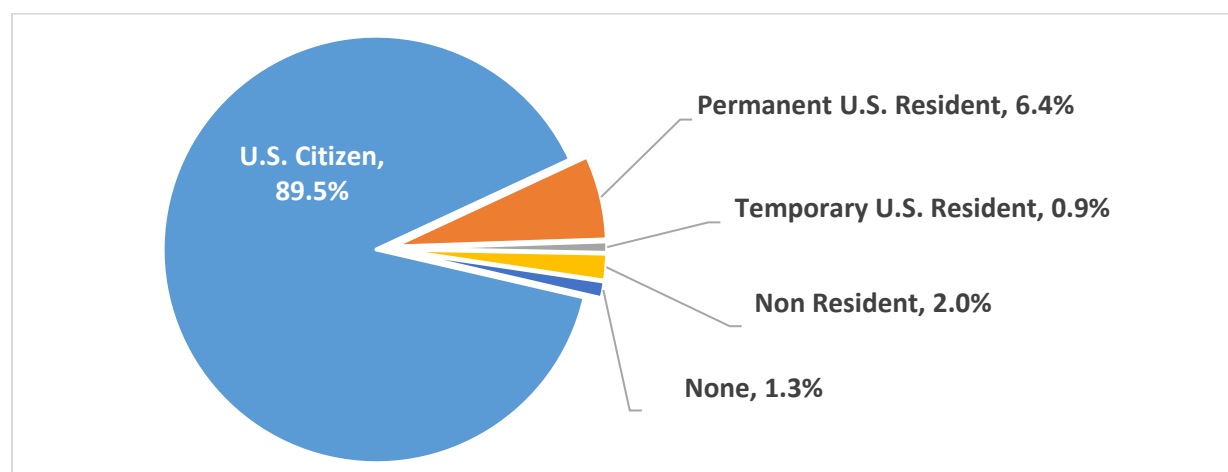
*\*Data regarding environmentally disadvantaged applicants are based on self-reported responses in the PharmCAS application. Applicants in PharmCAS could select one or more disadvantaged statuses. The disadvantaged categories are not mutually exclusive. Therefore, applicants may be represented in more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

## CITIZENSHIP

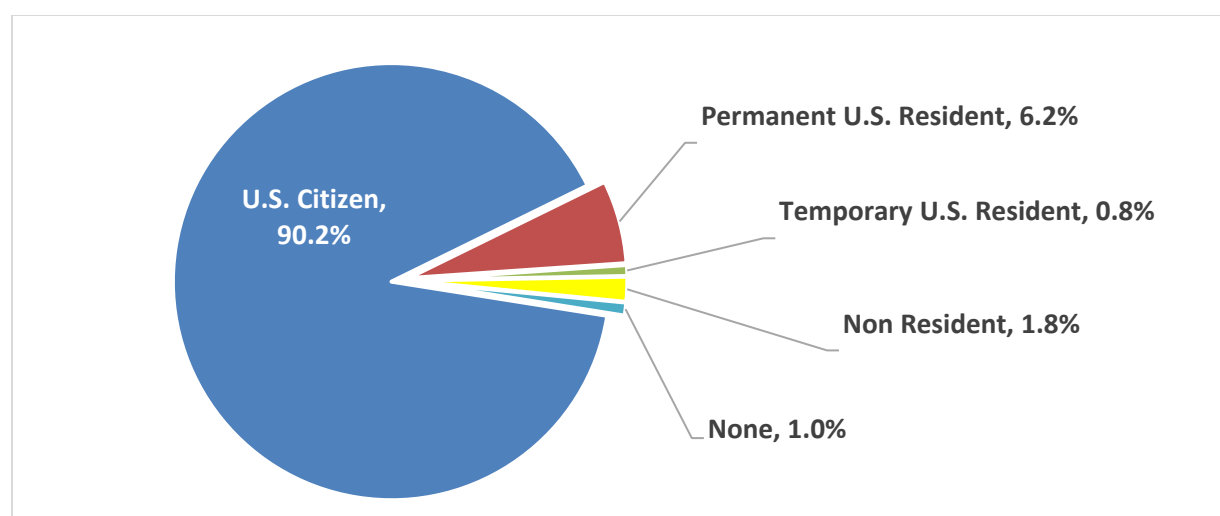
**Figure 32: PharmCAS Applicants by Citizenship Status**

Citizenship Status	All Applicants		Accepted Applicants	
	#	%	#	%
U.S. Citizen	12,515	89.47%	10,958	90.24%
Permanent U.S. Resident	893	6.38%	749	6.17%
Temporary U.S. Resident	120	0.86%	97	0.80%
Non Resident	284	2.03%	223	1.84%
None	176	1.26%	116	0.96%
Did Not Report	0	0.00%	0	0.00%
Total	13,988	100%	12,143	100%

**Figure 33: Percentage of PharmCAS Applicants by Citizenship Status**



**Figure 34: Percentage of Accepted PharmCAS Applicants by Citizenship Status**



## PERMANENT STATE OF RESIDENCY

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

**Figure 35: PharmCAS Applicants by Permanent State of Residency and Acceptance Status**

State or Province	Total Applicants in PharmCAS		Total Accepted Applicants in PharmCAS	
	#	%	#	%
Alabama	256	1.83%	229	1.89%
Alaska	14	0.10%	9	0.07%
Arizona	274	1.96%	239	1.97%
Arkansas	135	0.97%	129	1.06%
Armed Forces Europe, Africa, Canada, Middle East	1	0.01%	1	0.01%
Armed Forces Pacific	1	0.01%	1	0.01%
California	1,625	11.62%	1,458	12.01%
Colorado	157	1.12%	141	1.16%
Connecticut	142	1.02%	128	1.05%
Delaware	21	0.15%	17	0.14%
District of Columbia	13	0.09%	9	0.07%
Florida	957	6.84%	818	6.74%
Georgia	495	3.54%	430	3.54%
Guam	10	0.07%	10	0.08%
Hawaii	67	0.48%	66	0.54%
Idaho	73	0.52%	69	0.57%
Illinois	620	4.43%	541	4.46%
Indiana	280	2.00%	249	2.05%
International	321	2.29%	236	1.94%
Iowa	137	0.98%	130	1.07%
Kansas	154	1.10%	136	1.12%
Kentucky	250	1.79%	239	1.97%
Louisiana	263	1.88%	234	1.93%
Maine	35	0.25%	30	0.25%
Maryland	269	1.92%	225	1.85%
Massachusetts	213	1.52%	176	1.45%
Michigan	530	3.79%	440	3.62%
Minnesota	230	1.64%	202	1.66%
Mississippi	210	1.50%	184	1.52%

State or Province	Total Applicants in PharmCAS		Total Accepted Applicants in PharmCAS	
	#	%	#	%
Missouri	229	1.64%	200	1.65%
Montana	48	0.34%	41	0.34%
Nebraska	96	0.69%	84	0.69%
Nevada	103	0.74%	88	0.72%
New Hampshire	27	0.19%	26	0.21%
New Jersey	339	2.42%	280	2.31%
New Mexico	69	0.49%	62	0.51%
New York	786	5.62%	701	5.77%
North Carolina	353	2.52%	318	2.62%
North Dakota	38	0.27%	33	0.27%
Northern Mariana Islands	1	0.01%	1	0.01%
Ohio	408	2.92%	364	3.00%
Oklahoma	89	0.64%	71	0.58%
Oregon	120	0.86%	103	0.85%
Other/Unknown	30	0.21%	13	0.11%
Pennsylvania	458	3.27%	388	3.20%
Puerto Rico	361	2.58%	275	2.26%
Rhode Island	14	0.10%	12	0.10%
South Carolina	251	1.79%	215	1.77%
South Dakota	8	0.06%	7	0.06%
Tennessee	366	2.62%	305	2.51%
Texas	1,097	7.84%	926	7.63%
United States Minor Outlying Islands	0	0.00%	0	0.00%
Utah	117	0.84%	106	0.87%
Vermont	11	0.08%	10	0.08%
Virgin Islands	5	0.04%	5	0.04%
Virginia	235	1.68%	207	1.70%
Washington	238	1.70%	215	1.77%
West Virginia	106	0.76%	98	0.81%
Wisconsin	203	1.45%	185	1.52%
Wyoming	29	0.21%	28	0.23%
Did Not Report	0	0.00%	0	0.00%
<b>TOTAL</b>	<b>13,988</b>	<b>100%</b>	<b>12,143</b>	<b>100%</b>

**Figure 36: Permanent State of Residency of PharmCAS Applicants Sorted by Volume**

Rank	State or Province	#	%
1	California	1,625	11.62%
2	Texas	1,097	7.84%
3	Florida	957	6.84%
4	New York	786	5.62%
5	Illinois	620	4.43%
6	Michigan	530	3.79%
7	Georgia	495	3.54%
8	Pennsylvania	458	3.27%
9	Ohio	408	2.92%
10	Tennessee	366	2.62%
11	Puerto Rico	361	2.58%
12	North Carolina	353	2.52%
13	New Jersey	339	2.42%
14	International	321	2.29%
15	Indiana	280	2.00%
16	Arizona	274	1.96%
17	Maryland	269	1.92%
18	Louisiana	263	1.88%
19	Alabama	256	1.83%
20	South Carolina	251	1.79%
21	Kentucky	250	1.79%
22	Washington	238	1.70%
23	Virginia	235	1.68%
24	Minnesota	230	1.64%
25	Missouri	229	1.64%
26	Massachusetts	213	1.52%
27	Mississippi	210	1.50%
28	Wisconsin	203	1.45%
29	Colorado	157	1.12%
30	Kansas	154	1.10%
31	Connecticut	142	1.02%
32	Iowa	137	0.98%
33	Arkansas	135	0.97%
34	Oregon	120	0.86%
35	Utah	117	0.84%
36	West Virginia	106	0.76%
37	Nevada	103	0.74%
38	Nebraska	96	0.69%
39	Oklahoma	89	0.64%
40	Idaho	73	0.52%

Rank	State or Province	#	%
41	New Mexico	69	0.49%
42	Hawaii	67	0.48%
43	Montana	48	0.34%
44	North Dakota	38	0.27%
45	Maine	35	0.25%
46	Other/Unknown	30	0.21%
47	Wyoming	29	0.21%
48	New Hampshire	27	0.19%
49	Delaware	21	0.15%
50	Alaska	14	0.10%
51	Rhode Island	14	0.10%
52	District of Columbia	13	0.09%
53	Vermont	11	0.08%
54	Guam	10	0.07%
55	South Dakota	8	0.06%
56	Virgin Islands	5	0.04%
57	Armed Forces Europe, Africa, Canada, Middle East	1	0.01%
58	Armed Forces Pacific	1	0.01%
59	Northern Mariana 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.*



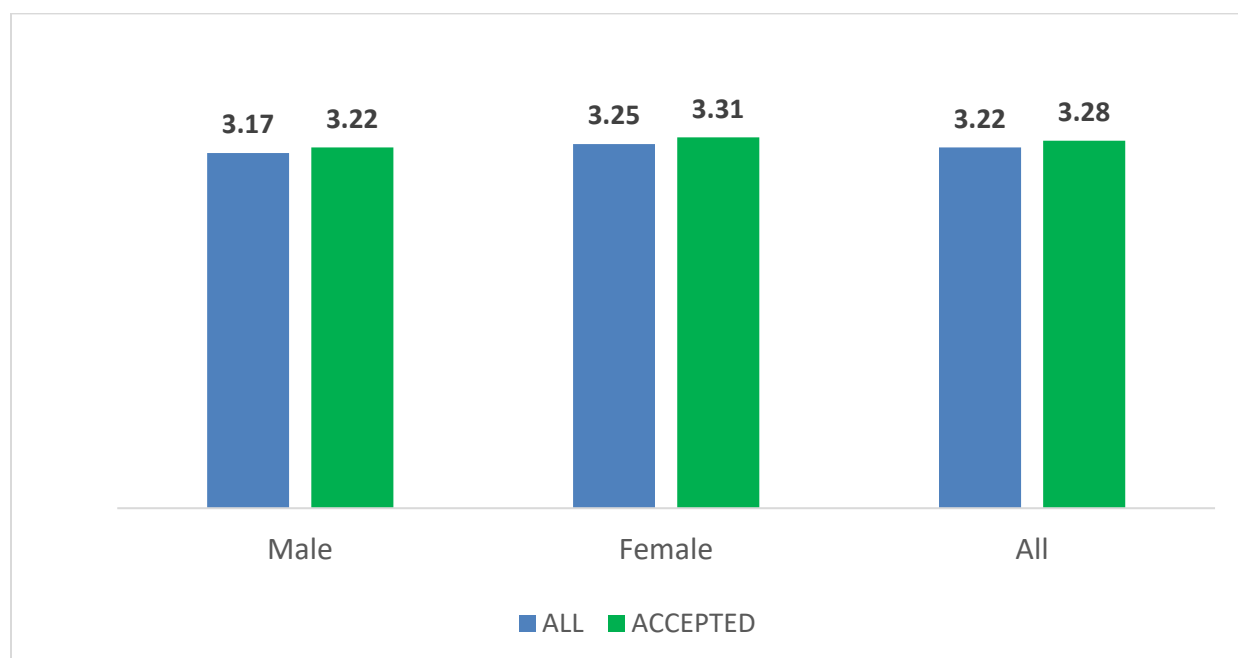
## GRADE POINT AVERAGES (GPAS)

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

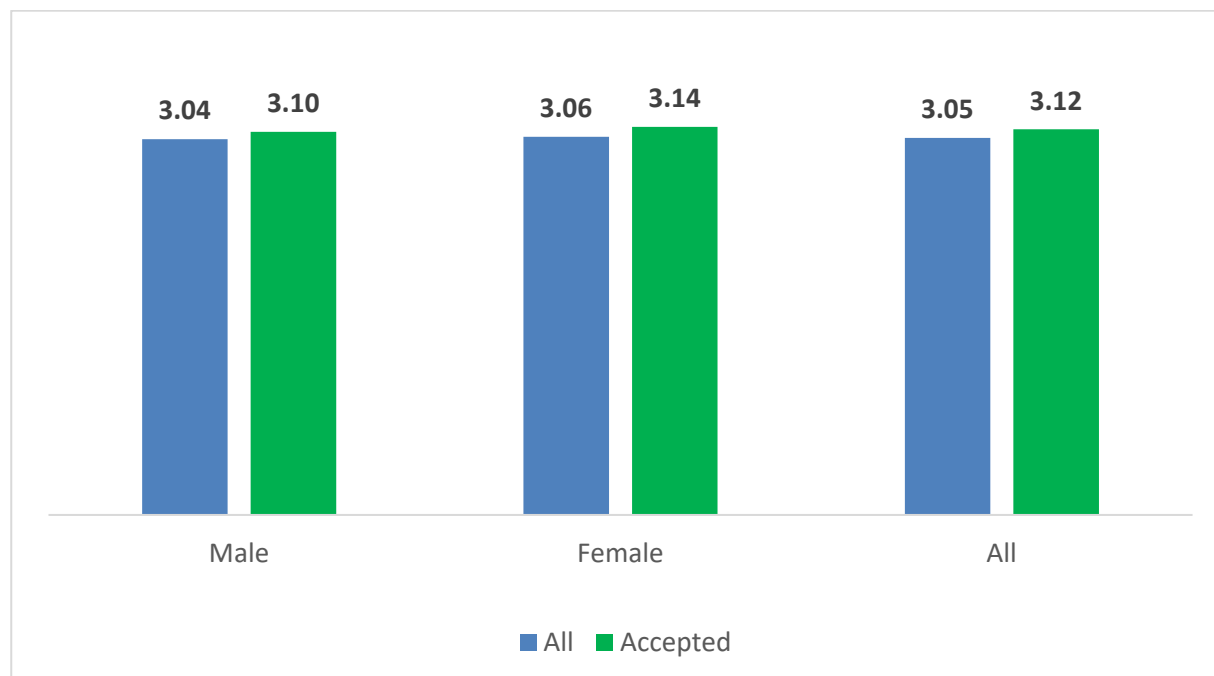
**Figure 37: PharmCAS GPAs by Sex and Acceptance Status**

PharmCAS GPAs	ALL APPLICANTS				ACCEPTED APPLICANTS			
	Male	Female	Unknown	All	Male	Female	Unknown	All
Freshman	3.18	3.31	3.15	3.26	3.23	3.36	3.20	3.32
Sophomore	3.11	3.17	3.16	3.15	3.16	3.24	3.21	3.22
Junior	3.07	3.10	3.12	3.09	3.12	3.18	3.17	3.16
Senior	3.11	3.14	3.23	3.13	3.16	3.20	3.30	3.19
Post-Baccalaureate	3.40	3.35	3.75	3.37	3.45	3.41	3.75	3.42
Graduate	3.24	3.27	3.98	3.27	3.33	3.29	3.98	3.31
Cumulative Undergraduate	<b>3.17</b>	<b>3.25</b>	3.15	<b>3.22</b>	<b>3.22</b>	<b>3.31</b>	3.20	<b>3.28</b>
Freshman Math	3.04	3.19	3.13	3.14	3.10	3.25	3.22	3.20
Sophomore Math	2.98	3.05	2.82	3.03	3.04	3.14	2.91	3.11
Junior Math	3.00	3.01	3.27	3.01	3.06	3.10	3.30	3.09
Senior Math	2.99	2.97	3.40	2.98	3.04	3.06	3.40	3.05
Post-Baccalaureate Math	3.31	3.27	4.00	3.28	3.37	3.35	4.00	3.36
Cumulative Undergrad Math	3.06	3.16	3.14	3.13	3.12	3.24	3.20	3.20
Graduate Math	3.42	3.51	4.00	3.48	3.48	3.53	4.00	3.51
Overall Math	3.06	3.16	3.14	3.13	3.12	3.24	3.21	<b>3.20</b>
Freshman Non-Science	3.26	3.42	3.21	3.36	3.30	3.47	3.23	3.41
Sophomore Non-Science	3.31	3.41	3.34	3.37	3.36	3.47	3.42	3.43
Junior Non-Science	3.33	3.41	3.56	3.38	3.38	3.47	3.60	3.44
Senior Non-Science	3.37	3.44	3.67	3.42	3.41	3.50	3.67	3.47
Post-Baccalaureate Non-Science	3.51	3.48	4.00	3.49	3.56	3.54	4.00	3.54
Cum Undergrad Non-Science	3.32	3.45	3.36	3.40	3.37	3.50	3.38	3.46
Graduate Non-Science	3.47	3.49	4.00	3.48	3.51	3.50	4.00	3.51
Overall Non-Science	3.33	3.45	3.36	3.41	3.37	3.50	3.39	<b>3.46</b>
Freshman Science	3.05	3.10	2.90	3.08	3.10	3.17	2.97	3.15
Sophomore Science	2.95	2.97	3.12	2.96	3.01	3.04	3.17	3.03
Junior Science	2.93	2.93	2.88	2.93	2.98	3.01	2.96	3.00
Senior Science	2.99	2.99	2.92	2.99	3.05	3.06	3.01	3.05
Post-Baccalaureate Science	3.34	3.30	3.64	3.31	3.39	3.35	3.64	3.36
Cumulative Undergrad Science	<b>3.04</b>	<b>3.06</b>	2.94	<b>3.05</b>	<b>3.10</b>	<b>3.14</b>	3.00	<b>3.12</b>
Graduate Science	3.15	3.22	3.96	3.20	3.24	3.24	3.96	3.25
Overall Science	3.04	3.07	2.95	3.06	3.10	3.14	3.01	3.13
<b>Overall</b>	<b>3.17</b>	<b>3.25</b>	<b>3.17</b>	<b>3.23</b>	<b>3.23</b>	<b>3.32</b>	<b>3.21</b>	<b>3.29</b>

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

**Figure 38: Mean Cumulative Undergraduate GPA for PharmCAS Applicants**

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

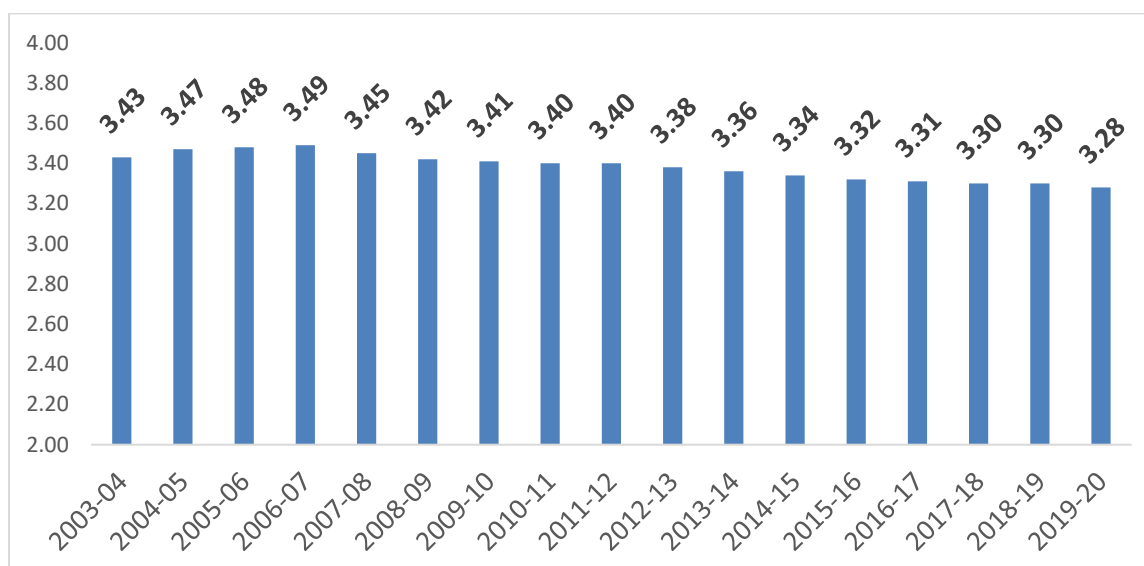
**Figure 39: Mean Overall Undergraduate Science GPA for PharmCAS Applicants**

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

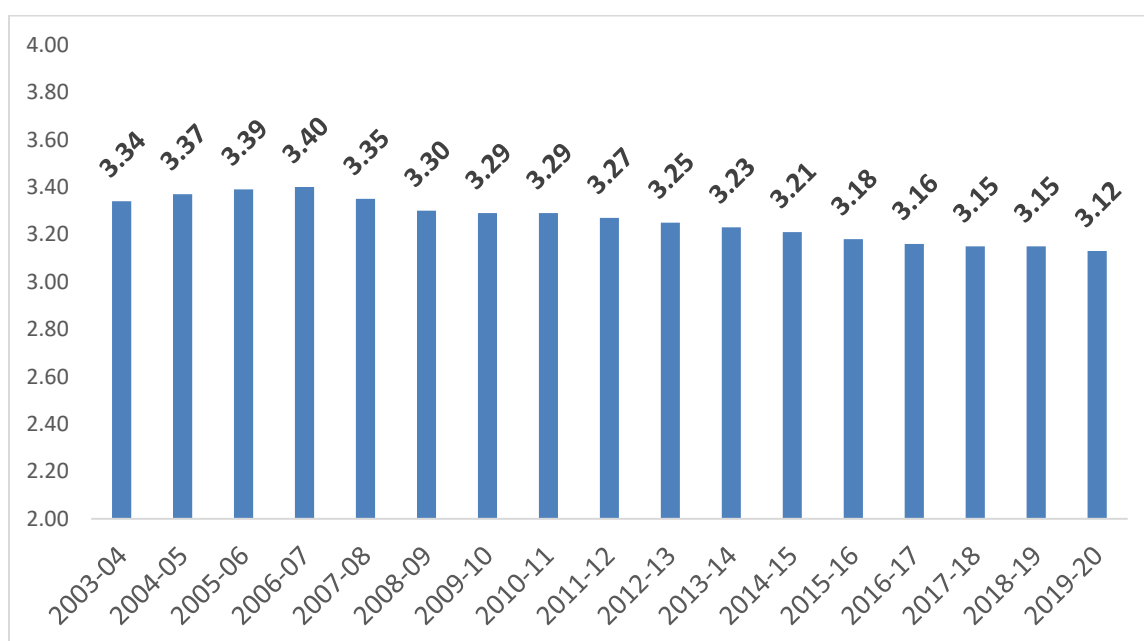
**Figure 40: Undergraduate GPAs for Accepted PharmCAS Applicants by Cycle (2004-2020)**

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

*\* GPAs reflect undergraduate coursework only*

**Figure 41: Undergraduate GPA for Accepted PharmCAS Applicants by Cycle (2004-2020)**

\* GPAs reflect undergraduate coursework only.

**Figure 42: Science GPA for Accepted PharmCAS Applicants by Cycle (2004-2020)**

\* GPAs reflect undergraduate coursework only.

## DEGREES EARNED

The table below indicates all of the degrees earned by applicants by the end of the Academic Update in February 2020. Some applicants designated more than one degree earned and others did not designate any degree as earned. Therefore, the totals differ from other tables. List reflects degree options as they appear in the application. To view highest degrees earned, refer to the Application Pool Survey report.

**Figure 43: Degrees Earned by PharmCAS Applicants**

Degrees Earned	All Applicants		Accepted Applicants	
	#	%	#	%
Artist Diploma	3	0.04%	3	0.04%
Associate in Liberal Arts	32	0.39%	29	0.42%
Associate of Applied Science	130	1.58%	103	1.49%
Associate of Arts	970	11.79%	826	11.96%
Associate of Arts and Sciences	75	0.91%	60	0.87%
Associate of Arts for Transfer	32	0.39%	28	0.41%
Associate of Science	1,154	14.03%	958	13.87%
Associate of Science for Transfer	57	0.69%	49	0.71%
Bachelor of Applied Science	10	0.12%	10	0.14%
Bachelor of Architecture (5yr)				
Bachelor of Arts	743	9.03%	649	9.40%
Bachelor of Arts and Science	59	0.72%	54	0.78%
Bachelor of Business Administration	44	0.53%	33	0.48%
Bachelor of Chemical Engineering	6	0.07%	4	0.06%
Bachelor of Commerce	1	0.01%	1	0.01%
Bachelor of Dental Science	4	0.05%	2	0.03%
Bachelor of Dental Surgery				
Bachelor of Economics	7	0.09%	7	0.10%
Bachelor of Education	11	0.13%	8	0.12%
Bachelor of Engineering	16	0.19%	12	0.17%
Bachelor of Engineering Technology				
Bachelor of Fine Arts	6	0.07%	5	0.07%
Bachelor of Fine Arts with Teaching Certification				
Bachelor of Journalism				
Bachelor of Landscape Architecture (5yr)				
Bachelor of Laws	2	0.02%	1	0.01%
Bachelor of Liberal Arts	2	0.02%	0	0.00%
Bachelor of Liberal Studies	1	0.01%	0	0.00%
Bachelor of Mathematics	3	0.04%	2	0.03%
Bachelor of Medicine	1	0.01%	1	0.01%
Bachelor of Medicine and Bachelor of Surgery	1	0.01%	1	0.01%
Bachelor of Music	4	0.05%	4	0.06%
Bachelor of Music Education				
Bachelor of Pharmacy	190	2.31%	119	1.72%

Degrees Earned	All Applicants		Accepted Applicants	
	#	%	#	%
Bachelor of Science	3,760	45.70%	3,242	46.94%
Bachelor of Science in Bioengineering	3	0.04%	3	0.04%
Bachelor of Science in Business Administration	12	0.15%	10	0.14%
Bachelor of Science in Civil Engineering	3	0.04%	3	0.04%
Bachelor of Science in Education	12	0.15%	11	0.16%
Bachelor of Science in Electrical Engineering				
Bachelor of Science in Environmental Engineering	3	0.04%	3	0.04%
Bachelor of Science in Mechanical Engineering	2	0.02%	2	0.03%
Bachelor of Science in Medical Technology	5	0.06%	5	0.07%
Bachelor of Science in Nursing	26	0.32%	19	0.28%
Bachelor of Social Work				
Bachelor of Technology	5	0.06%	4	0.06%
Bachelor of Theology	1	0.01%	1	0.01%
Bachelors of Physical Therapy				
Certificate	136	1.65%	107	1.55%
Certificate of Advanced Graduate Study	12	0.15%	8	0.12%
Credential	3	0.04%	2	0.03%
Diploma	54	0.66%	44	0.64%
Doctor of Athletic Training				
Doctor of Business Administration				
Doctor of Chiropractic				
Doctor of Dental Medicine				
Doctor of Dental Science	2	0.02%	2	0.03%
Doctor of Dental Surgery	2	0.02%	2	0.03%
Doctor of Dentistry				
Doctor of Education				
Doctor of Engineering	1	0.01%	1	0.01%
Doctor of Medicine	11	0.13%	8	0.12%
Doctor of Ministry				
Doctor of Nursing Practice				
Doctor of Occupational Therapy				
Doctor of Odontology				
Doctor of Osteopathic Med				
Doctor of Pharmacy	13	0.16%	9	0.13%
Doctor of Physical Therapy				
Doctor of Planning and Development Studies				
Doctor of Podiatric Medicine				
Doctor of Science	1	0.01%	1	0.01%
Doctor of Stomatology				
Doctor of Theology				
Doctor of Veterinary Med	1	0.01%	0	0.00%

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.

Degrees Earned	All Applicants		Accepted Applicants	
	#	%	#	%
Doctorate In Dental Medicine				
Doctorate of Medicine	3	0.04%	3	0.04%
Doctorate of Musical Arts				
Doctorate of Theology				
Five-year Bachelor's and Master's Program (BA/MA)	1	0.01%	1	0.01%
Five-year Bachelor's and Master's Program (BS/MS)	1	0.01%	1	0.01%
Graduate Certificate	8	0.10%	5	0.07%
Graduate Diploma	4	0.05%	3	0.04%
Juris Doctorate	4	0.05%	4	0.06%
Master of Accounting				
Master of Architecture				
Master of Arts	20	0.24%	15	0.22%
Master of Arts In Teaching	11	0.13%	9	0.13%
Master of Building Science				
Master of Business Administration	51	0.62%	37	0.54%
Master of Business Taxation				
Master of Comparative Law				
Master of Construction Management				
Master of Dental Surgery				
Master of Divinity				
Master of Education	15	0.18%	12	0.17%
Master of Engineering	4	0.05%	3	0.04%
Master of Engineering Technology Management				
Master of Fine Arts				
Master of Health Administration	9	0.11%	5	0.07%
Master of Health Care Management	1	0.01%	1	0.01%
Master of Health Science	3	0.04%	2	0.03%
Master of Health Sciences Administration				
Master of Historic Preservation				
Master of Journalism				
Master of Landscape Architecture				
Master of Laws				
Master of Liberal Arts				
Master of Long Term Care Administration				
Master of Management				
Master of Marriage and Family Therapy				
Master of Medical Management				
Master of Medical Science	6	0.07%	4	0.06%
Master of Music	1	0.01%	1	0.01%
Master of Music Education				
Master of Music Therapy				

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

Degrees Earned	All Applicants		Accepted Applicants	
	#	%	#	%
Master of Occupational Therapy				
Master of Physician Assistant Practice	2	0.02%	2	0.03%
Master of Planning				
Master of Planning and Development Studies				
Master of Professional Writing				
Master of Public Administration	3	0.04%	3	0.04%
Master of Public Art Studies				
Master of Public Diplomacy				
Master of Public Health	48	0.58%	36	0.52%
Master of Public Policy				
Master of Public Policy and Management				
Master of Real Estate Development				
Master of Sacred Music				
Master of Sacred Theology				
Master of Science	251	3.05%	193	2.79%
Master of Science and Health Administration	3	0.04%	2	0.03%
Master of Science in Athletic Training				
Master of Science in Bioengineering				
Master of Science in Civil Engineering				
Master of Science In Dentistry				
Master of Science in Education	1	0.01%	0	0.00%
Master of Science in Electrical Engineering				
Master of Science in Environmental Engineering				
Master of Science in Mechanical Engineering				
Master of Science in Nursing	1	0.01%	0	0.00%
Master of Science in Prosthetics and Orthotics				
Master of Social Work	2	0.02%	1	0.01%
Master of Theological Studies				
Master of Theology				
Master of Tourism and Hospitality Management				
Masters of Industrial Distribution				
Masters of Physical Therapy				
MS in Finance				
MS in Management Studies				
MS in Mathematical Finance				
Non Degree	9	0.11%	8	0.12%
None	8	0.10%	6	0.09%
Other Bachelor	54	0.66%	40	0.58%
Other Doctoral (Not Ph.D)	6	0.07%	2	0.03%
Other Doctorate	1	0.01%	2	0.03%
Other Master	34	0.41%	28	0.41%

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.



Degrees Earned	All Applicants		Accepted Applicants	
	#	%	#	%
Other PT Degree or Certificate				
Ph.D.	16	0.19%	12	0.17%
Post-baccalaureate Non-degree Teachers Cert Prog.	5	0.06%	4	0.06%
Postgraduate Diploma	5	0.06%	2	0.03%
Professional Science Master's	2	0.02%	1	0.01%
PsyD				
PTA				
<b>TOTAL DEGREES EARNED</b>	<b>8,228</b>	<b>100%</b>	<b>6,907</b>	<b>100%</b>

\* Percentages were calculated based on the total number of "degrees earned" for each pool (8228 for all and 6907 for accepted applicants). Applicants may have been awarded additional degrees prior to enrollment in the Pharm.D. program.

**Figure 44: Summary of Degrees Earned by PharmCAS Applicants**

Degrees Earned	All Applicants		Accepted Applicants	
	#	%	#	%
Associate Degree	2,450	29.8%	2,053	29.7%
Bachelor's Degree	4,997	60.7%	4,256	61.6%
Certificate or Credential	162	2.0%	125	1.8%
Diploma	66	0.8%	52	0.8%
Master's Degree	470	5.7%	357	5.2%
Non-degree	14	0.2%	12	0.2%
None	8	0.1%	6	0.1%
Ph.D. or other Doctorate Degree	23	0.3%	16	0.2%
Professional Doctoral Degree	38	0.5%	30	0.4%
<b>TOTAL DEGREES EARNED</b>	<b>8,228</b>	<b>100%</b>	<b>6,907</b>	<b>100%</b>

\* Percentages were calculated based on the total number of "degrees earned" for each pool (8228 for all and 6907 for accepted applicants). Applicants may have been awarded additional degrees prior to enrollment in the Pharm.D. program

## COLLEGE MAJORS

Figure 45: College Majors for PharmCAS Applicants

College Major	All Applicants		Accepted Applicants	
	#	%	#	%
Accounting/Finance	31	0.22%	24	0.19%
Administration	12	0.08%	9	0.07%
Advertising	2	0.01%	2	0.02%
African Studies	5	0.03%	4	0.03%
Agriculture	14	0.10%	12	0.10%
Agronomy	1	0.01%	1	0.01%
Allied Health	36	0.25%	29	0.24%
American Studies	3	0.02%	2	0.02%
Anatomy	11	0.08%	10	0.08%
Anesthesiology	2	0.01%	2	0.02%
Animal Science	41	0.29%	36	0.29%
Animation and Digital Arts	1	0.01%	1	0.01%
Anthropology	34	0.24%	32	0.26%
Applied Mathematics	1	0.01%	1	0.01%
Applied Studies	13	0.09%	10	0.08%
Archaeology	1	0.01%	1	0.01%
Architectural Engineering	1	0.01%		
Architecture	1	0.01%		
Art	30	0.21%	26	0.21%
Art Education	1	0.01%		0.00%
Art History	2	0.01%	2	0.02%
Asian Studies	5	0.03%	5	0.04%
Asian-American Studies	1	0.01%	1	0.01%
Athletic Training	2	0.01%	1	0.01%
Aviation	2	0.01%	2	0.02%
Bacteriology	2	0.01%		
Behavioral Science	15	0.10%	12	0.10%
Biochemical Engineering	2	0.01%	1	0.01%
Biochemistry	869	6.07%	784	6.35%
Biochemistry and Molecular Biology	96	0.67%	90	0.73%
Bioengineering	8	0.06%	6	0.05%
Bioinformatics	10	0.07%	8	0.06%
Biological Sciences	645	4.51%	573	4.64%
Biology	2,917	20.39%	2,543	20.61%
Biomedical Engineering	19	0.13%	18	0.15%
Biomedical Science	521	3.64%	464	3.76%
Biophysics	5	0.03%	5	0.04%

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Biostatistics	3	0.02%	2	0.02%
Biotechnology	62	0.43%	54	0.44%
Botany	5	0.03%	4	0.03%
Business Administration	122	0.85%	94	0.76%
Business Information Systems	3	0.02%	3	0.02%
Business/Management	30	0.21%	20	0.16%
Chemical Engineering	31	0.22%	26	0.21%
Chemistry	1,275	8.91%	1,122	9.09%
Chinese Language and Literature	1	0.01%	1	0.01%
Civil Engineering	5	0.03%	5	0.04%
Classics	3	0.02%	3	0.02%
Clinical Psychology	3	0.02%	3	0.02%
Cognitive Studies	2	0.01%	2	0.02%
Communication Science & Disorders	3	0.02%	2	0.02%
Communication Studies	4	0.03%	4	0.03%
Communications	21	0.15%	18	0.15%
Community Health	15	0.10%	9	0.07%
Computer	2	0.01%	1	0.01%
Computer Engineering	5	0.03%	5	0.04%
Computer Science	20	0.14%	19	0.15%
Computer Science and Technology	2	0.01%	2	0.02%
Counseling	2	0.01%	1	0.01%
Creative Writing	1	0.01%		
Criminal Justice	22	0.15%	16	0.13%
Criminology	7	0.05%	7	0.06%
Culinary/Food Studies	2	0.01%	1	0.01%
Cybersecurity	2	0.01%	2	0.02%
Dairy Science	1	0.01%	1	0.01%
Dance	2	0.01%	2	0.02%
Dental Assistant	4	0.03%	4	0.03%
Dental Hygiene	11	0.08%	8	0.06%
Dentistry	7	0.05%	5	0.04%
Dietetics	2	0.01%	2	0.02%
Early Childhood Education	3	0.02%	1	0.01%
Earth Sciences	2	0.01%	1	0.01%
East Asian Studies	2	0.01%	2	0.02%
Ecology	2	0.01%	2	0.02%
Economics	34	0.24%	26	0.21%
Education	33	0.23%	29	0.24%
Electrical and Electronic Engineering	1	0.01%	1	0.01%
Electrical Engineering	6	0.04%	4	0.03%
Electronic Engineering	1	0.01%	1	0.01%
Electronics	1	0.01%		

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Electronics and Communication	1	0.01%		
Electronics and Telecommunications	1	0.01%	1	0.01%
Elementary Education	8	0.06%	7	0.06%
Emergency Med-Tech	4	0.03%	4	0.03%
Emergency Services Administration	1	0.01%	1	0.01%
Engineering	10	0.07%	8	0.06%
English	30	0.21%	23	0.19%
Environmental Engineering	1	0.01%	1	0.01%
Environmental Health	16	0.11%	10	0.08%
Environmental Management	6	0.04%	5	0.04%
Environmental Studies	26	0.18%	22	0.18%
Epidemiology	10	0.07%	7	0.06%
Ethics	1	0.01%		
Ethnic Studies	1	0.01%	1	0.01%
Exercise Science	46	0.32%	41	0.33%
Family and Consumer Sciences	2	0.01%	1	0.01%
Fashion Design	3	0.02%	2	0.02%
Film	1	0.01%	1	0.01%
Finance	21	0.15%	19	0.15%
Fine Arts	1	0.01%	1	0.01%
Fire Protection	1	0.01%	1	0.01%
Fisheries Biology	1	0.01%	1	0.01%
Food Science	25	0.17%	21	0.17%
Foreign Language	7	0.05%	7	0.06%
French	5	0.03%	4	0.03%
Gender Studies	15	0.10%	12	0.10%
General Studies	255	1.78%	212	1.72%
Genetics	20	0.14%	19	0.15%
Geographic Information Systems	1	0.01%	1	0.01%
Geography	5	0.03%	4	0.03%
Geology	9	0.06%	8	0.06%
German	4	0.03%	4	0.03%
Gerontology	2	0.01%	1	0.01%
Global Studies	2	0.01%	2	0.02%
Government	2	0.01%	2	0.02%
Graphic Communication	1	0.01%	1	0.01%
Graphic Design	6	0.04%	5	0.04%
Health	44	0.31%	35	0.28%
Health Administration	64	0.45%	47	0.38%
Health Communication	3	0.02%	2	0.02%
Health Education	14	0.10%	8	0.06%
Health Information Management	8	0.06%	5	0.04%
Health Science	376	2.63%	314	2.55%

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Hispanic Language & Literature	1	0.01%	1	0.01%
Histology	2	0.01%	1	0.01%
History	18	0.13%	16	0.13%
Histotechnology	1	0.01%	1	0.01%
Hospitality Management	2	0.01%	2	0.02%
Human Biology	87	0.61%	82	0.66%
Human Development	12	0.08%	12	0.10%
Human Resources	1	0.01%	1	0.01%
Human Services	5	0.03%	5	0.04%
Humanities	8	0.06%	7	0.06%
Independent/Interdisciplinary Studies	26	0.18%	25	0.20%
Industrial Engineering	1	0.01%	1	0.01%
Industrial Pharmacy	3	0.02%	2	0.02%
Industrial Technology	2	0.01%	1	0.01%
Informatics	5	0.03%	4	0.03%
Information Sciences	1	0.01%	1	0.01%
Information Security	1	0.01%	1	0.01%
Information Systems	4	0.03%	2	0.02%
Information Technology	6	0.04%	2	0.02%
Integrative Biology	16	0.11%	13	0.11%
Interdisciplinary Studies	53	0.37%	43	0.35%
Interior Design	1	0.01%	1	0.01%
International Business	7	0.05%	6	0.05%
International Health	1	0.01%	1	0.01%
International Relations	5	0.03%	3	0.02%
International Studies	2	0.01%	2	0.02%
Japanese	2	0.01%	2	0.02%
Jewish Studies	1	0.01%	1	0.01%
Journalism	2	0.01%	2	0.02%
Kinesiology	62	0.43%	54	0.44%
Laboratory Technology	14	0.10%	12	0.10%
Latin American Studies	2	0.01%	2	0.02%
Law	11	0.08%	8	0.06%
Liberal Arts	122	0.85%	100	0.81%
Liberal Studies	24	0.17%	22	0.18%
Library Science	4	0.03%	2	0.02%
Linguistics	3	0.02%	3	0.02%
Literature	4	0.03%	4	0.03%
Magnetic Resonance Imaging	1	0.01%	1	0.01%
Management	21	0.15%	18	0.15%
Marine Biology	8	0.06%	7	0.06%
Marine Science	1	0.01%	1	0.01%
Marketing	21	0.15%	15	0.12%

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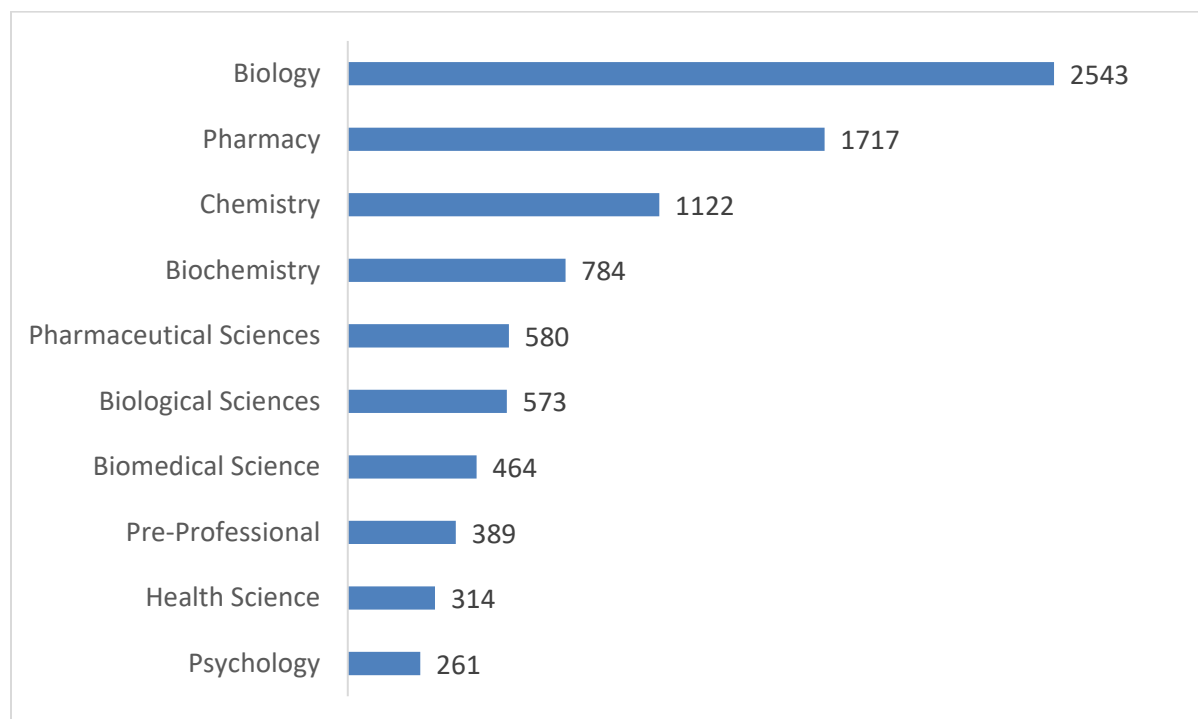
Marriage and Family Therapy	1	0.01%	1	0.01%
Massage Therapy	2	0.01%	2	0.02%
Materials Science	1	0.01%	1	0.01%
Mathematics	64	0.45%	55	0.45%
Mechanical Engineering	5	0.03%	4	0.03%
Media Design	2	0.01%	2	0.02%
Media Technology	2	0.01%	2	0.02%
Medical Assistant	15	0.10%	9	0.07%
Medical Laboratory Tech	16	0.11%	14	0.11%
Medical Physics	1	0.01%	1	0.01%
Medical Tech	25	0.17%	22	0.18%
Medicine	36	0.25%	31	0.25%
Microbiology	134	0.94%	111	0.90%
Military Science	1	0.01%	1	0.01%
Molecular Biology	77	0.54%	70	0.57%
Molecular Biology, Cell Biology & Biochemistry	64	0.45%	61	0.49%
Multimedia	1	0.01%	1	0.01%
Music	10	0.07%	9	0.07%
Music Education	2	0.01%		
Music Performance	4	0.03%	4	0.03%
Native American Studies	1	0.01%	1	0.01%
Natural Science	97	0.68%	73	0.59%
Naval Engineering	1	0.01%	1	0.01%
Neurobiology	18	0.13%	16	0.13%
Neuropsychology	1	0.01%	1	0.01%
Neuroscience	117	0.82%	105	0.85%
No Answer	216	1.51%	176	1.43%
Nursing	65	0.45%	51	0.41%
Nutrition	99	0.69%	90	0.73%
Occupational Therapy Assistant	1	0.01%		
Optometry	3	0.02%	2	0.02%
Organismic Biology	1	0.01%	1	0.01%
Organizational Development	2	0.01%	2	0.02%
Osteopathic Medicine	1	0.01%	1	0.01%
Other Health Sciences Major	58	0.41%	49	0.40%
Other Life Sciences Major	20	0.14%	16	0.13%
Other Physical Sciences Major	5	0.03%	5	0.04%
Other Social Sciences Major	3	0.02%	3	0.02%
Other/Not Listed	162	1.13%	132	1.07%
Parasitology	1	0.01%	1	0.01%
Pathology	3	0.02%	2	0.02%
Petroleum Engineering	1	0.01%	1	0.01%
Pharmaceutical Sciences	658	4.60%	580	4.70%

Pharmacology	85	0.59%	70	0.57%
Pharmacy	2,029	14.18%	1,717	13.92%
Philosophy	16	0.11%	12	0.10%
Photography	1	0.01%	1	0.01%
Physical Education	4	0.03%	2	0.02%
Physical Science	8	0.06%	7	0.06%
Physical Therapist Assistant	4	0.03%	3	0.02%
Physical Therapy	2	0.01%	2	0.02%
Physical Therapy - Pre-PT	2	0.01%	2	0.02%
Physician Assistant	8	0.06%	6	0.05%
Physics	13	0.09%	11	0.09%
Physiology	63	0.44%	59	0.48%
Political Science	16	0.11%	15	0.12%
Premedical	86	0.60%	76	0.62%
Pre-Professional	437	3.05%	389	3.15%
Psychobiology	21	0.15%	19	0.15%
Psychology	293	2.05%	261	2.12%
Public Administration	4	0.03%	4	0.03%
Public Health	150	1.05%	129	1.05%
Public Policy	6	0.04%	2	0.02%
Public Relations	2	0.01%	2	0.02%
Quality Assurance	3	0.02%	1	0.01%
Radiography	1	0.01%	1	0.01%
Radiology	9	0.06%	8	0.06%
Rangeland Resource Science	1	0.01%	1	0.01%
Regulatory Affairs	7	0.05%	5	0.04%
Religion	2	0.01%	1	0.01%
Religious Studies	3	0.02%	3	0.02%
Research Methods				
Respiratory Therapy	13	0.09%	8	0.06%
Russian and Central European Studies	1	0.01%	1	0.01%
Science, Technology and Society	101	0.71%	81	0.66%
Social Sciences	17	0.12%	13	0.11%
Social Welfare	1	0.01%	1	0.01%
Social Work	7	0.05%	5	0.04%
Sociology	29	0.20%	25	0.20%
Spanish	37	0.26%	35	0.28%
Special Education	2	0.01%	2	0.02%
Sports Medicine	2	0.01%	2	0.02%
Statistics	3	0.02%	3	0.02%
Sustainable Manufacturing	1	0.01%	1	0.01%
Taxation	1	0.01%	1	0.01%
Telecommunication Engineering	1	0.01%	1	0.01%

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Theology	7	0.05%	6	0.05%
Toxicology	29	0.20%	22	0.18%
Traffic & Transportation Engineering	1	0.01%	1	0.01%
Urban Planning	1	0.01%	1	0.01%
Veterinary Medicine	6	0.04%	5	0.04%
Veterinary Tech	2	0.01%	2	0.02%
Virology	1	0.01%		
Wildlife Management	1	0.01%	1	0.01%
Women's Studies	3	0.02%	2	0.02%
Zoology	6	0.04%	6	0.05%
<b>TOTAL</b>	<b>14,307</b>	<b>100%</b>	<b>12,337</b>	<b>100%</b>

**Figure 46: 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 47: Primary Institutions Attended for PharmCAS Applicants**

College Attended School Name	School State/Province	All	Accepted
BURMAN UNIVERSITY	AB	1	1
MOUNT ROYAL UNIVERSITY	AB	1	1
UNIVERSITY OF ALBERTA	AB	1	1
UNIVERSITY OF CALGARY	AB	8	7
UNIVERSITY OF LETHBRIDGE	AB	1	1
ANCHORAGE COMMUNITY COLLEGE (now University of Alaska Anchorage)	AK	3	1
UNIVERSITY OF ALASKA - ANCHORAGE	AK	4	1
ALABAMA AGRICULTURAL AND MECHANICAL UNIVERSITY	AL	6	6
ALABAMA SOUTHERN COMMUNITY COLLEGE	AL	1	0
ALABAMA STATE UNIVERSITY	AL	5	3
AUBURN UNIVERSITY - AUBURN	AL	103	99
AUBURN UNIVERSITY - MONTGOMERY	AL	4	3
BEVILL STATE COMMUNITY COLLEGE	AL	3	1
BIRMINGHAM-SOUTHERN COLLEGE	AL	2	2
BISHOP STATE COMMUNITY COLLEGE	AL	1	0
CALHOUN COMMUNITY COLLEGE	AL	4	4
COLUMBIA SOUTHERN UNIVERSITY	AL	1	1
ENTERPRISE STATE COMMUNITY COLLEGE	AL	1	1
FAULKNER STATE COMMUNITY COLLEGE	AL	2	2
GADSDEN STATE COMMUNITY COLLEGE	AL	2	2
HUNTINGDON COLLEGE	AL	4	4
JACKSONVILLE STATE UNIVERSITY	AL	9	9
JEFFERSON STATE COMMUNITY COLLEGE	AL	2	2
LURLEEN B. WALLACE COMMUNITY COLLEGE	AL	1	0
MILES COLLEGE	AL	1	1
NORTHEAST ALABAMA COMMUNITY COLLEGE	AL	2	2
NORTHWEST-SHOALS COMMUNITY COLLEGE	AL	1	1
OAKWOOD UNIVERSITY	AL	3	3
SAMFORD UNIVERSITY	AL	49	46
SHELTON STATE COMMUNITY COLLEGE - TUSCALOOSA	AL	1	1
SNEAD STATE COMMUNITY COLLEGE	AL	1	1
SPRING HILL COLLEGE	AL	1	1
TROY UNIVERSITY - DOTHAN	AL	3	2
TROY UNIVERSITY - MONTGOMERY	AL	1	1
TROY UNIVERSITY - TROY	AL	8	7
TUSKEGEE UNIVERSITY	AL	4	4
UNIVERSITY OF ALABAMA - BIRMINGHAM	AL	26	24
UNIVERSITY OF ALABAMA - HUNTSVILLE	AL	3	2
UNIVERSITY OF ALABAMA - TUSCALOOSA	AL	20	18

UNIVERSITY OF MOBILE	AL	1	1
UNIVERSITY OF MONTEVALLO	AL	2	2
UNIVERSITY OF NORTH ALABAMA	AL	6	6
UNIVERSITY OF SOUTH ALABAMA	AL	25	21
UNIVERSITY OF WEST ALABAMA	AL	1	0
WALLACE STATE COMMUNITY COLLEGE - HANCEVILLE	AL	2	2
ARKANSAS STATE UNIVERSITY - BEEBE	AR	4	3
ARKANSAS STATE UNIVERSITY - JONESBORO	AR	10	8
ARKANSAS TECH UNIVERSITY - RUSSELLVILLE / MAIN CAMPUS	AR	9	9
BLACK RIVER TECHNICAL COLLEGE	AR	1	1
CENTRAL BAPTIST COLLEGE	AR	1	1
HARDING UNIVERSITY	AR	14	13
HENDERSON STATE UNIVERSITY	AR	4	4
HENDRIX COLLEGE	AR	4	4
LYON COLLEGE	AR	2	2
NORTHWEST ARKANSAS COMMUNITY COLLEGE	AR	2	2
OUACHITA BAPTIST UNIVERSITY	AR	2	2
PHILANDER SMITH COLLEGE	AR	4	3
PULASKI TECHNICAL COLLEGE	AR	1	0
SOUTHERN ARKANSAS UNIVERSITY - MAGNOLIA	AR	8	8
UNIVERSITY OF ARKANSAS - FORT SMITH	AR	2	2
UNIVERSITY OF ARKANSAS - LITTLE ROCK	AR	9	9
UNIVERSITY OF ARKANSAS - MAIN CAMPUS	AR	25	25
UNIVERSITY OF ARKANSAS - MONTICELLO	AR	5	5
UNIVERSITY OF ARKANSAS - PINE BLUFF	AR	9	9
UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	2	2
UNIVERSITY OF CENTRAL ARKANSAS	AR	24	23
WILLIAMS BAPTIST COLLEGE	AR	3	3
ARIZONA STATE UNIVERSITY - DOWNTOWN PHOENIX	AZ	14	13
ARIZONA STATE UNIVERSITY - TEMPE	AZ	64	54
ARIZONA STATE UNIVERSITY AT THE WEST CAMPUS	AZ	17	16
ARIZONA STATE UNIVERSITY POLYTECHNIC CAMPUS	AZ	3	3
ARIZONA WESTERN COLLEGE	AZ	1	1
CHANDLER-GILBERT COMMUNITY COLLEGE	AZ	4	3
COCHISE COLLEGE	AZ	1	1
EASTERN ARIZONA COLLEGE	AZ	1	1
ESTRELLA MOUNTAIN COMMUNITY COLLEGE	AZ	1	0
GATEWAY COMMUNITY COLLEGE - PHOENIX	AZ	1	0
GLENDALE COMMUNITY COLLEGE (AZ)	AZ	11	9
GRAND CANYON UNIVERSITY	AZ	14	13
MESA COMMUNITY COLLEGE	AZ	8	6
MIDWESTERN UNIVERSITY - GLENDALE	AZ	1	0
MOHAVE COMMUNITY COLLEGE	AZ	1	1
NORTHERN ARIZONA UNIVERSITY - FLAGSTAFF	AZ	17	17
PARADISE VALLEY COMMUNITY COLLEGE	AZ	9	5
PHOENIX COLLEGE	AZ	6	5
PIMA COMMUNITY COLLEGE	AZ	8	6
PIMA MEDICAL INSTITUTE - TUCSON	AZ	1	0
SCOTTSDALE COMMUNITY COLLEGE	AZ	3	3
SOUTH MOUNTAIN COMMUNITY COLLEGE	AZ	2	1

UNIVERSITY OF ARIZONA	AZ	80	75
UNIVERSITY OF PHOENIX (AZ)	AZ	5	3
SIMON FRASER UNIVERSITY	BC	3	1
THOMPSON RIVERS UNIVERSITY	BC	1	1
UNIVERSITY OF BRITISH COLUMBIA	BC	2	2
UNIVERSITY OF BRITISH COLUMBIA OKANAGAN CAMPUS	BC	2	1
AMERICAN RIVER COLLEGE	CA	6	6
ANTELOPE VALLEY COLLEGE	CA	1	1
BAKERSFIELD COLLEGE	CA	2	1
BIOLA UNIVERSITY	CA	1	0
CALIFORNIA BAPTIST UNIVERSITY	CA	4	4
CALIFORNIA LUTHERAN UNIVERSITY	CA	3	3
CALIFORNIA NORTHSTATE UNIVERSITY	CA	2	2
CALIFORNIA POLYTECHNIC STATE UNIVERSITY - SAN LUIS OBISPO	CA	6	6
CALIFORNIA STATE POLYTECHNIC UNIVERSITY - POMONA	CA	27	24
CALIFORNIA STATE UNIVERSITY - BAKERSFIELD	CA	12	12
CALIFORNIA STATE UNIVERSITY - CHANNEL ISLANDS	CA	11	10
CALIFORNIA STATE UNIVERSITY - CHICO	CA	6	5
CALIFORNIA STATE UNIVERSITY - DOMINGUEZ HILLS	CA	9	9
CALIFORNIA STATE UNIVERSITY - EAST BAY	CA	9	6
CALIFORNIA STATE UNIVERSITY - FRESNO	CA	30	28
CALIFORNIA STATE UNIVERSITY - FULLERTON	CA	26	25
CALIFORNIA STATE UNIVERSITY - LONG BEACH	CA	39	37
CALIFORNIA STATE UNIVERSITY - LOS ANGELES	CA	24	22
CALIFORNIA STATE UNIVERSITY - MONTEREY BAY	CA	2	2
CALIFORNIA STATE UNIVERSITY - NORTHRIDGE	CA	55	52
CALIFORNIA STATE UNIVERSITY - SACRAMENTO	CA	38	30
CALIFORNIA STATE UNIVERSITY - SAN BERNARDINO	CA	13	12
CALIFORNIA STATE UNIVERSITY - SAN MARCOS	CA	9	8
CALIFORNIA STATE UNIVERSITY - STANISLAUS	CA	13	12
CERRITOS COLLEGE	CA	1	1
CHABOT COLLEGE	CA	3	2
CHAFFEY COLLEGE	CA	2	2
CHAPMAN UNIVERSITY	CA	40	40
CITY COLLEGE OF SAN FRANCISCO	CA	5	5
CLOVIS COMMUNITY COLLEGE	CA	11	9
COASTLINE COMMUNITY COLLEGE	CA	2	2
COLLEGE OF THE CANYONS	CA	1	1
COLLEGE OF THE SEQUOIAS	CA	1	1
COMPTON COLLEGE	CA	1	0
CONCORDIA UNIVERSITY - IRVINE	CA	3	3
CONTRA COSTA COLLEGE	CA	3	2
COSUMNES RIVER COLLEGE	CA	4	3
CUESTA COLLEGE	CA	1	1
CUYAMACA COLLEGE	CA	1	0
CYPRESS COLLEGE	CA	5	5
DEVRY UNIVERSITY - DALY CITY	CA	1	1
DEVRY UNIVERSITY - LONG BEACH	CA	1	1
DOMINICAN UNIVERSITY OF CALIFORNIA	CA	4	4
EAST LOS ANGELES COLLEGE	CA	3	2

EL CAMINO COLLEGE	CA	2	2
EVERGREEN VALLEY COLLEGE	CA	3	3
FOLSOM LAKE COLLEGE	CA	1	1
FOOTHILL COLLEGE	CA	1	0
FRESNO CITY COLLEGE	CA	2	2
FRESNO PACIFIC UNIVERSITY	CA	2	2
FULLERTON COLLEGE	CA	2	2
GLENDALE COMMUNITY COLLEGE (CA)	CA	2	1
GOLDEN WEST COLLEGE	CA	4	2
GROSSMONT COLLEGE	CA	2	1
HARTNELL COLLEGE	CA	1	0
HUMBOLDT STATE UNIVERSITY	CA	1	1
IRVINE VALLEY COLLEGE	CA	3	2
LA SIERRA UNIVERSITY	CA	7	6
LANEY COLLEGE	CA	1	1
LAS POSITAS COLLEGE	CA	1	1
LONG BEACH CITY COLLEGE	CA	3	3
LOS ANGELES CITY COLLEGE	CA	1	1
LOS ANGELES HARBOR COLLEGE	CA	1	1
LOS ANGELES MISSION COLLEGE	CA	1	1
LOS ANGELES PIERCE COLLEGE	CA	3	3
LOS ANGELES SOUTHWEST COLLEGE	CA	2	2
LOS ANGELES TRADE TECHNICAL COLLEGE	CA	2	2
LOS ANGELES VALLEY COLLEGE	CA	4	3
LOS MEDANOS COLLEGE	CA	1	1
LOYOLA MARYMOUNT UNIVERSITY	CA	2	1
MARYMOUNT CALIFORNIA UNIVERSITY	CA	1	1
MENDOCINO COLLEGE	CA	1	0
MERCED COLLEGE	CA	4	4
MILLS COLLEGE	CA	1	1
MISSION COLLEGE	CA	2	1
MODESTO JUNIOR COLLEGE	CA	2	0
MONTEREY PENINSULA COLLEGE	CA	1	1
MORENO VALLEY COLLEGE	CA	1	1
MOUNT SAINT MARY'S COLLEGE	CA	3	2
MOUNT SAN ANTONIO COLLEGE	CA	4	4
MOUNT SAN JACINTO COLLEGE	CA	1	1
NATIONAL UNIVERSITY	CA	1	1
NOTRE DAME DE NAMUR UNIVERSITY	CA	1	1
OHLONE COLLEGE	CA	1	1
ORANGE COAST COLLEGE	CA	5	5
OXNARD COLLEGE	CA	1	1
PACIFIC UNION COLLEGE	CA	5	5
PALOMAR COLLEGE	CA	1	0
PASADENA CITY COLLEGE	CA	4	3
PEPPERDINE UNIVERSITY	CA	1	0
PITZER COLLEGE	CA	2	1
POINT LOMA NAZARENE UNIVERSITY	CA	1	1
POMONA COLLEGE	CA	1	1
RIVERSIDE CITY COLLEGE	CA	2	0

SACRAMENTO CITY COLLEGE	CA	1	1
SADDLEBACK COLLEGE	CA	2	1
SAINT MARY'S COLLEGE OF CALIFORNIA	CA	4	3
SAN BERNARDINO VALLEY COLLEGE	CA	3	2
SAN DIEGO CHRISTIAN COLLEGE	CA	1	0
SAN DIEGO MESA COLLEGE	CA	1	1
SAN DIEGO MIRAMAR COLLEGE	CA	3	2
SAN DIEGO STATE UNIVERSITY	CA	22	22
SAN FRANCISCO STATE UNIVERSITY	CA	20	17
SAN JOAQUIN DELTA COLLEGE	CA	2	1
SAN JOAQUIN VALLEY COLLEGE	CA	1	1
SAN JOSE CITY COLLEGE	CA	1	1
SAN JOSE STATE UNIVERSITY	CA	30	27
SANTA ANA COLLEGE	CA	5	4
SANTA BARBARA CITY COLLEGE	CA	1	1
SANTA CLARA UNIVERSITY	CA	3	3
SANTA MONICA COLLEGE	CA	4	4
SANTA ROSA JUNIOR COLLEGE	CA	1	0
SANTIAGO CANYON COLLEGE	CA	2	2
SHASTA COLLEGE	CA	2	2
SIERRA COLLEGE	CA	3	3
SOLANO COMMUNITY COLLEGE	CA	3	2
SONOMA STATE UNIVERSITY	CA	8	6
SOUTHERN CALIFORNIA UNIVERSITY OF HEALTH SCIENCES	CA	3	3
SOUTHWESTERN COLLEGE (CA)	CA	1	1
STANFORD UNIVERSITY	CA	2	2
TRIDENT UNIVERSITY INTERNATIONAL (TUI)	CA	1	1
UNIVERSITY OF CALIFORNIA - BERKELEY	CA	35	33
UNIVERSITY OF CALIFORNIA - BERKELEY (EXTENSION)	CA	1	1
UNIVERSITY OF CALIFORNIA - DAVIS	CA	110	101
UNIVERSITY OF CALIFORNIA - IRVINE	CA	137	133
UNIVERSITY OF CALIFORNIA - LOS ANGELES	CA	92	88
UNIVERSITY OF CALIFORNIA - LOS ANGELES (EXTENSION)	CA	2	2
UNIVERSITY OF CALIFORNIA - MERCED	CA	25	23
UNIVERSITY OF CALIFORNIA - RIVERSIDE	CA	87	81
UNIVERSITY OF CALIFORNIA - SAN DIEGO	CA	109	98
UNIVERSITY OF CALIFORNIA - SANTA BARBARA	CA	39	38
UNIVERSITY OF CALIFORNIA - SANTA CRUZ	CA	27	24
UNIVERSITY OF LA VERNE	CA	6	6
UNIVERSITY OF PHOENIX (CA)	CA	0	0
UNIVERSITY OF REDLANDS	CA	2	1
UNIVERSITY OF SAINT KATHERINE	CA	1	1
UNIVERSITY OF SAN DIEGO	CA	3	3
UNIVERSITY OF SAN FRANCISCO	CA	5	3
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	22	22
UNIVERSITY OF THE PACIFIC	CA	134	108
VANGUARD UNIVERSITY OF SOUTHERN CALIFORNIA	CA	1	1
VENTURA COLLEGE	CA	2	2
VICTOR VALLEY COLLEGE	CA	1	1
WESTERN UNIVERSITY OF HEALTH SCIENCES	CA	1	1

WESTMONT COLLEGE	CA	1	1
WHITTIER COLLEGE	CA	2	2
WILLIAM JESSUP UNIVERSITY	CA	1	1
YUBA COLLEGE	CA	3	3
ADAMS STATE COLLEGE	CO	1	1
ARAPAHOE COMMUNITY COLLEGE	CO	3	3
COLORADO COLLEGE	CO	1	1
COLORADO MESA UNIVERSITY	CO	8	8
COLORADO SCHOOL OF MINES	CO	2	2
COLORADO STATE UNIVERSITY - FORT COLLINS	CO	15	14
COLORADO STATE UNIVERSITY - GLOBAL CAMPUS	CO	1	1
COLORADO STATE UNIVERSITY - PUEBLO	CO	8	8
COMMUNITY COLLEGE OF AURORA	CO	2	2
COMMUNITY COLLEGE OF DENVER	CO	4	3
FORT LEWIS COLLEGE	CO	2	2
FRONT RANGE COMMUNITY COLLEGE	CO	2	2
JOHNSON & WALES UNIVERSITY - DENVER, CO	CO	1	1
METROPOLITAN STATE UNIVERSITY OF DENVER	CO	11	11
OTERO JUNIOR COLLEGE	CO	1	1
RED ROCKS COMMUNITY COLLEGE	CO	2	2
REGIS UNIVERSITY	CO	5	4
UNITED STATES AIR FORCE ACADEMY	CO	1	1
UNIVERSITY OF COLORADO - BOULDER	CO	19	18
UNIVERSITY OF COLORADO - COLORADO SPRINGS	CO	12	12
UNIVERSITY OF COLORADO - DENVER	CO	28	20
UNIVERSITY OF DENVER	CO	2	2
UNIVERSITY OF NORTHERN COLORADO	CO	7	5
CENTRAL CONNECTICUT STATE UNIVERSITY	CT	10	8
CONNECTICUT COLLEGE	CT	1	1
EASTERN CONNECTICUT STATE UNIVERSITY	CT	3	3
GATEWAY COMMUNITY COLLEGE - NEW HAVEN	CT	1	1
NORWALK COMMUNITY COLLEGE	CT	1	1
QUINNIPIAC UNIVERSITY	CT	5	5
SACRED HEART UNIVERSITY	CT	2	2
SOUTHERN CONNECTICUT STATE UNIVERSITY	CT	7	7
TRINITY COLLEGE (CT)	CT	1	1
TUNXIS COMMUNITY COLLEGE	CT	1	1
UNIVERSITY OF BRIDGEPORT	CT	1	1
UNIVERSITY OF CONNECTICUT	CT	95	83
UNIVERSITY OF HARTFORD	CT	2	2
UNIVERSITY OF NEW HAVEN	CT	2	2
UNIVERSITY OF SAINT JOSEPH	CT	7	7
WESTERN CONNECTICUT STATE UNIVERSITY	CT	4	4
AMERICAN UNIVERSITY	DC	3	3
CATHOLIC UNIVERSITY OF AMERICA	DC	1	1
GEORGE WASHINGTON UNIVERSITY	DC	4	4
HOWARD UNIVERSITY	DC	11	8
UNIVERSITY OF THE DISTRICT OF COLUMBIA	DC	4	3
DELAWARE STATE UNIVERSITY	DE	1	1
DELAWARE TECHNICAL AND COMMUNITY COLLEGE - STANTON / WILMINGTON	DE	2	1

UNIVERSITY OF DELAWARE - NEWARK	DE	11	11
ADVENTIST UNIVERSITY OF THE HEALTH SCIENCES	FL	2	2
AVE MARIA UNIVERSITY	FL	1	1
BARRY UNIVERSITY	FL	4	3
BETHUNE-COOKMAN UNIVERSITY	FL	5	4
BROWARD COLLEGE	FL	26	17
CHIPOLA COLLEGE	FL	4	3
CITY COLLEGE - FORT LAUDERDALE	FL	1	1
CLEARWATER CHRISTIAN COLLEGE	FL	1	1
COLLEGE OF CENTRAL FLORIDA	FL	2	2
DAYTONA STATE COLLEGE	FL	3	1
EASTERN FLORIDA STATE COLLEGE	FL	1	1
ECKERD COLLEGE	FL	1	0
EDWARD WATERS COLLEGE	FL	3	3
FLAGLER COLLEGE	FL	1	1
FLORIDA AGRICULTURAL AND MECHANICAL UNIVERSITY	FL	72	55
FLORIDA ATLANTIC UNIVERSITY	FL	48	44
FLORIDA COLLEGE	FL	1	1
FLORIDA GATEWAY COLLEGE	FL	1	0
FLORIDA GULF COAST UNIVERSITY	FL	21	17
FLORIDA INSTITUTE OF TECHNOLOGY	FL	1	1
FLORIDA INTERNATIONAL UNIVERSITY	FL	94	86
FLORIDA MEMORIAL UNIVERSITY	FL	1	1
FLORIDA NATIONAL COLLEGE - HIALEAH/BIRD ROAD CAMPUS/FLAGLER CAMPUS	FL	2	2
FLORIDA NATIONAL UNIVERSITY	FL	2	2
FLORIDA SOUTHERN COLLEGE	FL	1	1
FLORIDA SOUTHWESTERN STATE COLLEGE	FL	7	3
FLORIDA STATE COLLEGE - JACKSONVILLE	FL	18	14
FLORIDA STATE UNIVERSITY	FL	34	29
GULF COAST STATE COLLEGE	FL	1	1
HILLSBOROUGH COMMUNITY COLLEGE	FL	6	4
INDIAN RIVER STATE COLLEGE	FL	6	6
JOHNSON & WALES UNIVERSITY - NORTH MIAMI, FL	FL	1	0
KEISER UNIVERSITY	FL	5	5
LAKE-SUMTER STATE COLLEGE	FL	1	1
LARKIN UNIVERSITY, FORMERLY KNOWN AS LARKIN HEALTH AND SCIENCE	FL	2	2
MIAMI DADE COLLEGE	FL	81	74
NEW COLLEGE OF FLORIDA	FL	1	1
NORTH FLORIDA COMMUNITY COLLEGE	FL	1	1
NORTHWEST FLORIDA STATE COLLEGE	FL	1	1
NOVA SOUTHEASTERN UNIVERSITY	FL	20	16
PALM BEACH ATLANTIC UNIVERSITY	FL	7	7
PALM BEACH STATE COLLEGE	FL	18	16
PENSACOLA CHRISTIAN COLLEGE	FL	1	1
PENSACOLA STATE COLLEGE	FL	2	2
POLK STATE COLLEGE	FL	2	2
ROLLINS COLLEGE	FL	1	1
SAINT LEO UNIVERSITY (FL)	FL	1	1
SAINT PETERSBURG COLLEGE	FL	7	4
SAINT THOMAS UNIVERSITY (FL)	FL	5	4

SANTA FE COLLEGE	FL	9	7
SEMINOLE STATE COLLEGE OF FLORIDA	FL	7	7
ST. JOHNS RIVER STATE COLLEGE	FL	2	1
STATE COLLEGE OF FLORIDA - BRADENTON	FL	3	1
STATE COLLEGE OF FLORIDA - MANATEE-SARASOTA	FL	2	1
STETSON UNIVERSITY	FL	4	4
STRAYER UNIVERSITY (FL)	FL	1	1
TALLAHASSEE COMMUNITY COLLEGE	FL	2	1
UNIVERSITY OF CENTRAL FLORIDA	FL	77	69
UNIVERSITY OF FLORIDA	FL	102	96
UNIVERSITY OF MIAMI	FL	5	5
UNIVERSITY OF NORTH FLORIDA	FL	15	14
UNIVERSITY OF SOUTH FLORIDA - SAINT PETERSBURG	FL	9	9
UNIVERSITY OF SOUTH FLORIDA - SARASOTA-MANATEE	FL	4	4
UNIVERSITY OF SOUTH FLORIDA - TAMPA	FL	107	94
UNIVERSITY OF TAMPA	FL	4	4
UNIVERSITY OF WEST FLORIDA	FL	13	11
VALENCIA COLLEGE	FL	17	12
WARNER UNIVERSITY	FL	1	0
ABRAHAM BALDWIN AGRICULTURAL COLLEGE	GA	3	3
AGNES SCOTT COLLEGE	GA	1	0
ALBANY STATE UNIVERSITY	GA	8	7
AMERICAN INTERCONTINENTAL UNIVERSITY - DUNWOODY, GA	GA	1	0
ARMSTRONG ATLANTIC STATE UNIVERSITY	GA	1	0
ATHENS TECHNICAL COLLEGE	GA	2	2
ATLANTA METROPOLITAN COLLEGE	GA	3	2
AUGUSTA UNIVERSITY	GA	9	9
BAINBRIDGE COLLEGE	GA	1	1
BERRY COLLEGE	GA	3	2
BRENAU UNIVERSITY	GA	1	1
CLARK ATLANTA UNIVERSITY	GA	2	2
CLAYTON STATE UNIVERSITY	GA	8	6
COLLEGE OF COASTAL GEORGIA	GA	1	0
COLUMBUS STATE UNIVERSITY	GA	7	7
DALTON STATE COLLEGE	GA	4	2
EAST GEORGIA COLLEGE	GA	1	1
EMMANUEL COLLEGE (GA)	GA	1	1
EMORY UNIVERSITY	GA	8	8
FORT VALLEY STATE UNIVERSITY	GA	3	2
GAINESVILLE COLLEGE (Now Part of the UNIVERSITY OF NORTH GEORGIA)	GA	1	1
GEORGIA COLLEGE AND STATE UNIVERSITY	GA	7	7
GEORGIA GWINNETT COLLEGE	GA	19	16
GEORGIA HIGHLANDS COLLEGE	GA	1	1
GEORGIA INSTITUTE OF TECHNOLOGY	GA	3	3
GEORGIA MILITARY COLLEGE	GA	0	0
GEORGIA PERIMETER COLLEGE	GA	5	3
GEORGIA PIEDMONT TECHNICAL COLLEGE	GA	1	0
GEORGIA SOUTHERN UNIVERSITY	GA	36	33
GEORGIA SOUTHWESTERN STATE UNIVERSITY	GA	2	2
GEORGIA STATE UNIVERSITY	GA	57	50



GORDON STATE COLLEGE	GA	8	5
KENNESAW STATE UNIVERSITY	GA	33	25
LAGRANGE COLLEGE	GA	2	1
LIFE UNIVERSITY	GA	2	2
MACON STATE COLLEGE (Now Part of MIDDLE GEORGIA STATE COLLEGE)	GA	1	0
MERCER UNIVERSITY - ATLANTA	GA	4	3
MERCER UNIVERSITY - MACON	GA	18	18
MIDDLE GEORGIA COLLEGE (Now Part of MIDDLE GEORGIA STATE COLLEGE)	GA	1	1
MIDDLE GEORGIA STATE COLLEGE	GA	2	2
MOREHOUSE COLLEGE	GA	1	0
OGLETHORPE UNIVERSITY	GA	1	1
OXFORD COLLEGE OF EMORY UNIVERSITY	GA	1	1
PIEDMONT COLLEGE	GA	1	1
REINHARDT COLLEGE	GA	2	2
SAVANNAH STATE UNIVERSITY	GA	5	4
SOUTH GEORGIA COLLEGE	GA	4	3
SOUTH UNIVERSITY - SAVANNAH	GA	2	2
SPELMAN COLLEGE	GA	3	3
THOMAS UNIVERSITY	GA	1	1
UNIVERSITY OF GEORGIA	GA	122	109
UNIVERSITY OF NORTH GEORGIA	GA	20	18
UNIVERSITY OF WEST GEORGIA	GA	10	10
VALDOSTA STATE UNIVERSITY	GA	11	11
WESLEYAN COLLEGE	GA	2	2
WIREGRASS GEORGIA TECHNICAL COLLEGE	GA	1	1
YOUNG HARRIS COLLEGE	GA	4	3
UNIVERSITY OF GUAM	GU	5	5
BRIGHAM YOUNG UNIVERSITY - HAWAII	HI	2	1
CHAMINADE UNIVERSITY OF HONOLULU	HI	3	3
HAWAII PACIFIC UNIVERSITY	HI	4	4
KAPIOLANI COMMUNITY COLLEGE	HI	1	1
LEEWARD COMMUNITY COLLEGE	HI	2	2
UNIVERSITY OF HAWAII - HILO	HI	16	16
UNIVERSITY OF HAWAII - MANOA	HI	20	20
ASHFORD UNIVERSITY	IA	1	0
CENTRAL COLLEGE	IA	2	2
CLARKE UNIVERSITY	IA	1	1
CORNELL COLLEGE	IA	1	1
DES MOINES AREA COMMUNITY COLLEGE	IA	3	2
DIVINE WORD COLLEGE	IA	1	0
DORDT COLLEGE	IA	2	2
DRAKE UNIVERSITY	IA	72	66
GRACELAND UNIVERSITY (IOWA)	IA	1	1
GRAND VIEW UNIVERSITY	IA	1	1
GRINNELL COLLEGE	IA	2	2
IOWA STATE UNIVERSITY	IA	16	16
IOWA WESTERN COMMUNITY COLLEGE	IA	0	0
KAPLAN UNIVERSITY (IA) (now Purdue University Global)	IA	3	3
KIRKWOOD COMMUNITY COLLEGE	IA	4	3
MERCY COLLEGE OF HEALTH SCIENCES	IA	1	1

MORNINGSIDE COLLEGE	IA	1	1
NORTH IOWA AREA COMMUNITY COLLEGE	IA	1	1
SAINT AMBROSE UNIVERSITY	IA	1	1
SCOTT COMMUNITY COLLEGE	IA	2	2
SIMPSON COLLEGE	IA	1	1
SOUTHEASTERN COMMUNITY COLLEGE - WEST BURLINGTON	IA	1	0
UNIVERSITY OF DUBUQUE	IA	1	1
UNIVERSITY OF IOWA	IA	78	75
UNIVERSITY OF NORTHERN IOWA	IA	5	5
WALDORF COLLEGE	IA	1	1
WARTBURG COLLEGE	IA	2	2
WESTERN IOWA TECHNOLOGY COMMUNITY COLLEGE	IA	1	1
BOISE STATE UNIVERSITY	ID	16	16
BRIGHAM YOUNG UNIVERSITY - IDAHO	ID	18	16
COLLEGE OF SOUTHERN IDAHO	ID	1	1
IDAHO STATE UNIVERSITY	ID	25	25
THE COLLEGE OF IDAHO	ID	4	3
UNIVERSITY OF IDAHO	ID	7	6
AMERICAN INTERCONTINENTAL UNIVERSITY - ONLINE (ILLINOIS)	IL	1	0
AUGUSTANA COLLEGE (IL)	IL	2	2
AURORA UNIVERSITY	IL	3	2
BENEDICTINE UNIVERSITY - LISLE	IL	18	17
BLACK HAWK COLLEGE - QUAD-CITIES	IL	1	1
BRADLEY UNIVERSITY	IL	5	5
CHAMBERLAIN COLLEGE OF NURSING (now Chamberlain University)	IL	1	0
CHICAGO STATE UNIVERSITY	IL	4	2
COLLEGE OF DUPAGE	IL	18	14
COLLEGE OF LAKE COUNTY	IL	6	5
DEPAUL UNIVERSITY	IL	10	10
DEVRY UNIVERSITY - TINLEY PARK, IL	IL	1	1
EASTERN ILLINOIS UNIVERSITY	IL	2	2
ELGIN COMMUNITY COLLEGE	IL	6	6
ELMHURST UNIVERSITY	IL	2	1
GOVERNORS STATE UNIVERSITY	IL	2	1
HAROLD WASHINGTON COLLEGE - CITY COLLEGES OF CHICAGO	IL	4	3
HARRY S TRUMAN COLLEGE - CITY COLLEGES OF CHICAGO	IL	11	9
ILLINOIS CENTRAL COLLEGE	IL	3	2
ILLINOIS COLLEGE	IL	1	1
ILLINOIS INSTITUTE OF TECHNOLOGY	IL	1	1
ILLINOIS STATE UNIVERSITY	IL	2	2
ILLINOIS WESLEYAN UNIVERSITY	IL	1	0
JOHN WOOD COMMUNITY COLLEGE	IL	2	2
JOLIET JUNIOR COLLEGE	IL	4	3
KANKAKEE COMMUNITY COLLEGE	IL	1	0
KISHWAUKEE COLLEGE	IL	2	2
KNOX COLLEGE	IL	2	2
LAKE FOREST COLLEGE	IL	4	4
LAKE LAND COLLEGE	IL	2	1
LEWIS AND CLARK COMMUNITY COLLEGE	IL	1	1
LEWIS UNIVERSITY	IL	11	10

LINCOLN LAND COMMUNITY COLLEGE	IL	1	1
LOYOLA UNIVERSITY CHICAGO	IL	21	17
MALCOLM X COLLEGE - CITY COLLEGES OF CHICAGO	IL	2	2
MCHENRY COUNTY COLLEGE	IL	1	1
MILLIKIN UNIVERSITY	IL	1	1
MONMOUTH COLLEGE	IL	1	1
MORAIN VALLEY COMMUNITY COLLEGE	IL	25	21
MORTON COLLEGE	IL	2	1
NORTH CENTRAL COLLEGE	IL	4	4
NORTH PARK UNIVERSITY	IL	1	1
NORTHEASTERN ILLINOIS UNIVERSITY	IL	10	6
NORTHERN ILLINOIS UNIVERSITY	IL	9	6
NORTHWESTERN UNIVERSITY	IL	1	1
OAKTON COMMUNITY COLLEGE	IL	14	12
PRAIRIE STATE COLLEGE	IL	2	2
QUINCY UNIVERSITY	IL	1	1
REND LAKE COLLEGE	IL	1	1
ROBERT MORRIS UNIVERSITY	IL	1	1
ROCK VALLEY COLLEGE	IL	1	1
ROCKFORD COLLEGE	IL	2	1
ROOSEVELT UNIVERSITY	IL	5	4
SAINT XAVIER UNIVERSITY	IL	10	7
SOUTH SUBURBAN COLLEGE	IL	1	1
SOUTHERN ILLINOIS UNIVERSITY - CARBONDALE	IL	5	5
SOUTHERN ILLINOIS UNIVERSITY - EDWARDSVILLE	IL	63	58
SOUTHWESTERN ILLINOIS COLLEGE	IL	1	1
TRINITY CHRISTIAN COLLEGE	IL	1	1
TRITON COLLEGE	IL	5	4
UNIVERSITY OF ILLINOIS - CHICAGO	IL	90	84
UNIVERSITY OF ILLINOIS - URBANA / CHAMPAIGN	IL	33	31
WAUBONSEE COMMUNITY COLLEGE	IL	1	0
WESTERN ILLINOIS UNIVERSITY	IL	4	4
WILBUR WRIGHT COLLEGE - CITY COLLEGES OF CHICAGO	IL	10	10
WILLIAM RAINEY HARPER COLLEGE	IL	15	10
BALL STATE UNIVERSITY	IN	5	4
BUTLER UNIVERSITY	IN	107	97
CALUMET COLLEGE OF SAINT JOSEPH	IN	1	1
DEPAUW UNIVERSITY	IN	1	1
FRANKLIN COLLEGE	IN	1	1
GOSHEN COLLEGE	IN	1	1
HANOVER COLLEGE	IN	1	1
INDIANA STATE UNIVERSITY	IN	6	6
INDIANA UNIVERSITY - BLOOMINGTON	IN	9	8
INDIANA UNIVERSITY - EAST	IN	1	1
INDIANA UNIVERSITY - KOKOMO	IN	5	4
INDIANA UNIVERSITY - NORTHWEST	IN	1	1
INDIANA UNIVERSITY - PURDUE UNIVERSITY - FORT WAYNE	IN	6	4
INDIANA UNIVERSITY - PURDUE UNIVERSITY - INDIANAPOLIS	IN	10	7
INDIANA UNIVERSITY - SOUTH BEND	IN	2	1
INDIANA UNIVERSITY - SOUTHEAST	IN	10	9

IVY TECHNOLOGY COMMUNITY COLLEGE - CENTRAL INDIANA / INDIANAPOLIS	IN	2	2
IVY TECHNOLOGY COMMUNITY COLLEGE - LAFAYETTE	IN	1	1
IVY TECHNOLOGY COMMUNITY COLLEGE - NORTHEAST / FORT WAYNE	IN	2	2
IVY TECHNOLOGY COMMUNITY COLLEGE - WABASH VALLEY / GREENCASTLE, TERRE HAUTE	IN	2	2
MANCHESTER UNIVERSITY	IN	19	18
MARIAN UNIVERSITY (INDIANA)	IN	2	2
PURDUE UNIVERSITY - CALUMET	IN	4	4
PURDUE UNIVERSITY - WEST LAFAYETTE	IN	164	151
UNIVERSITY OF INDIANAPOLIS	IN	2	2
UNIVERSITY OF NOTRE DAME	IN	2	2
UNIVERSITY OF SAINT FRANCIS (IN)	IN	3	3
UNIVERSITY OF SOUTHERN INDIANA	IN	4	4
VALPARAISO UNIVERSITY	IN	4	3
VINCENNES UNIVERSITY	IN	3	2
ALLEN COUNTY COMMUNITY COLLEGE	KS	2	2
BENEDICTINE COLLEGE	KS	4	4
BETHANY COLLEGE - LINDSBORG	KS	1	1
BUTLER COMMUNITY COLLEGE	KS	5	4
CLOUD COUNTY COMMUNITY COLLEGE	KS	1	1
COWLEY COUNTY COMMUNITY COLLEGE	KS	1	1
EMPORIA STATE UNIVERSITY	KS	6	5
FORT HAYS STATE UNIVERSITY	KS	6	6
HIGHLAND COMMUNITY COLLEGE - HIGHLAND	KS	1	1
HUTCHINSON COMMUNITY COLLEGE	KS	3	2
JOHNSON COUNTY COMMUNITY COLLEGE	KS	23	19
KANSAS CITY KANSAS COMMUNITY COLLEGE	KS	2	2
KANSAS STATE UNIVERSITY - MANHATTAN	KS	10	10
NEWMAN UNIVERSITY	KS	2	2
OTTAWA UNIVERSITY (KS) - OTTAWA	KS	1	1
PITTSBURG STATE UNIVERSITY	KS	2	1
SOUTHWESTERN COLLEGE (KS)	KS	1	1
UNIVERSITY OF KANSAS - MAIN CAMPUS	KS	77	65
UNIVERSITY OF KANSAS MEDICAL CENTER	KS	1	1
WASHBURN UNIVERSITY	KS	5	5
WICHITA STATE UNIVERSITY	KS	11	9
ALICE LLOYD COLLEGE	KY	7	7
ASBURY UNIVERSITY	KY	1	1
ASHLAND COMMUNITY AND TECHNICAL COLLEGE	KY	5	4
BELLARMINE UNIVERSITY	KY	4	4
BEREA COLLEGE	KY	4	4
BIG SANDY COMMUNITY AND TECHNICAL COLLEGE	KY	7	5
BLUEGRASS COMMUNITY AND TECHNICAL COLLEGE	KY	7	7
CAMPBELLSVILLE UNIVERSITY	KY	2	2
CENTRE COLLEGE	KY	1	1
EASTERN KENTUCKY UNIVERSITY	KY	25	24
ELIZABETHTOWN COMMUNITY AND TECHNICAL COLLEGE	KY	3	3
GEORGETOWN COLLEGE	KY	2	2
HAZARD COMMUNITY AND TECHNICAL COLLEGE	KY	3	3
JEFFERSON COMMUNITY AND TECHNICAL COLLEGE	KY	15	15

KENTUCKY STATE UNIVERSITY	KY	2	2
KENTUCKY WESLEYAN COLLEGE	KY	1	1
LINDSEY WILSON COLLEGE	KY	1	1
MADISONVILLE COMMUNITY COLLEGE	KY	1	1
MIDWAY COLLEGE	KY	1	1
MOREHEAD STATE UNIVERSITY	KY	22	22
MURRAY STATE UNIVERSITY	KY	6	5
NORTHERN KENTUCKY UNIVERSITY	KY	12	12
SOMERSET COMMUNITY COLLEGE	KY	2	2
SPALDING UNIVERSITY	KY	3	3
THOMAS MORE COLLEGE	KY	1	1
TRANSYLVANIA UNIVERSITY	KY	2	2
UNION COLLEGE (KY)	KY	1	1
UNIVERSITY OF KENTUCKY	KY	82	77
UNIVERSITY OF LOUISVILLE	KY	17	16
UNIVERSITY OF PIKEVILLE	KY	5	5
UNIVERSITY OF THE CUMBERLANDS	KY	6	6
WESTERN KENTUCKY UNIVERSITY	KY	18	16
BATON ROUGE COMMUNITY COLLEGE	LA	2	1
DELGADO COMMUNITY COLLEGE	LA	1	0
DILLARD UNIVERSITY	LA	8	7
GRAMBLING STATE UNIVERSITY	LA	1	0
LOUISIANA COLLEGE	LA	2	1
LOUISIANA STATE UNIVERSITY - A & M COLLEGE - BATON ROUGE	LA	34	32
LOUISIANA STATE UNIVERSITY - ALEXANDRIA	LA	2	2
LOUISIANA STATE UNIVERSITY - BATON ROUGE	LA	6	6
LOUISIANA STATE UNIVERSITY - SHREVEPORT	LA	3	2
LOUISIANA TECH UNIVERSITY	LA	13	13
LOYOLA UNIVERSITY NEW ORLEANS	LA	3	2
MCNEESE STATE UNIVERSITY	LA	3	3
NICHOLLS STATE UNIVERSITY	LA	2	1
NORTHWESTERN STATE UNIVERSITY	LA	1	1
SOUTHEASTERN LOUISIANA UNIVERSITY	LA	10	9
SOUTHERN UNIVERSITY - NEW ORLEANS	LA	5	3
SOUTHERN UNIVERSITY - SHREVEPORT	LA	1	1
SOUTHERN UNIVERSITY AND A&M COLLEGE	LA	3	0
TULANE UNIVERSITY	LA	1	1
UNIVERSITY OF HOLY CROSS	LA	1	1
UNIVERSITY OF LOUISIANA - LAFAYETTE	LA	12	9
UNIVERSITY OF LOUISIANA - MONROE	LA	74	68
UNIVERSITY OF NEW ORLEANS	LA	12	11
XAVIER UNIVERSITY OF LOUISIANA	LA	102	88
AMHERST COLLEGE	MA	1	1
ASSUMPTION COLLEGE	MA	2	2
BOSTON COLLEGE	MA	1	1
BOSTON UNIVERSITY	MA	3	3
BOSTON UNIVERSITY - SARGENT COLLEGE	MA	1	1
BRANDEIS UNIVERSITY	MA	4	4
BRIDGEWATER STATE UNIVERSITY	MA	2	1
BUNKER HILL COMMUNITY COLLEGE	MA	3	2

CLARK UNIVERSITY	MA	1	1
COLLEGE OF THE HOLY CROSS	MA	2	2
ELMS COLLEGE	MA	1	1
EMMANUEL COLLEGE (MA)	MA	1	1
ENDICOTT COLLEGE	MA	1	1
FRAMINGHAM STATE UNIVERSITY	MA	1	1
GORDON COLLEGE	MA	1	1
HAMPSHIRE COLLEGE	MA	1	1
HARVARD UNIVERSITY EXTENSION	MA	1	1
HOLYOKE COMMUNITY COLLEGE	MA	1	1
MASSACHUSETTS BAY COMMUNITY COLLEGE	MA	2	1
MASSACHUSETTS COLLEGE OF LIBERAL ARTS	MA	1	1
MASSACHUSETTS COLLEGE OF PHARMACY AND HEALTH SCIENCE	MA	54	40
MERRIMACK COLLEGE	MA	2	2
MIDDLESEX COMMUNITY COLLEGE - BEDFORD	MA	1	1
MIDDLESEX COMMUNITY COLLEGE - LOWELL	MA	4	3
MOUNT HOLYOKE COLLEGE	MA	1	1
MOUNT WACHUSETT COMMUNITY COLLEGE	MA	2	1
NEW ENGLAND CONSERVATORY OF MUSIC	MA	1	1
NORTH SHORE COMMUNITY COLLEGE	MA	2	2
NORTHEASTERN UNIVERSITY	MA	5	3
QUINCY COLLEGE	MA	1	0
QUINSIGAMOND COMMUNITY COLLEGE	MA	16	11
REGIS COLLEGE	MA	2	1
ROXBURY COMMUNITY COLLEGE	MA	1	0
SALEM STATE COLLEGE	MA	4	4
SMITH COLLEGE	MA	2	1
SPRINGFIELD COLLEGE	MA	2	2
SPRINGFIELD TECHNICAL COMMUNITY COLLEGE	MA	2	1
SUFFOLK UNIVERSITY	MA	2	2
UNIVERSITY OF MASSACHUSETTS - AMHERST	MA	14	12
UNIVERSITY OF MASSACHUSETTS - BOSTON	MA	7	5
UNIVERSITY OF MASSACHUSETTS - DARTMOUTH	MA	1	1
UNIVERSITY OF MASSACHUSETTS - LOWELL	MA	6	4
WELLESLEY COLLEGE	MA	1	1
WESTERN NEW ENGLAND UNIVERSITY	MA	37	37
WESTFIELD STATE COLLEGE	MA	1	1
WHEATON COLLEGE (MA)	MA	2	2
WORCESTER POLYTECHNIC INSTITUTE	MA	2	2
WORCESTER STATE UNIVERSITY	MA	7	6
ALLEGANY COLLEGE OF MARYLAND	MD	1	1
ANNE ARUNDEL COMMUNITY COLLEGE	MD	4	4
BALTIMORE CITY COMMUNITY COLLEGE	MD	8	6
BOWIE STATE UNIVERSITY	MD	4	3
COLLEGE OF SOUTHERN MARYLAND	MD	4	4
COMMUNITY COLLEGE OF BALTIMORE COUNTY	MD	10	6
COPPIN STATE UNIVERSITY	MD	2	2
FROSTBURG STATE UNIVERSITY	MD	3	3
GOUCHER COLLEGE	MD	1	1
HAGERSTOWN BUSINESS COLLEGE (Kaplan C) (now Purdue University Global)	MD	2	2

HAGERSTOWN COMMUNITY COLLEGE	MD	3	3
HARFORD COMMUNITY COLLEGE	MD	3	2
HOOD COLLEGE	MD	1	1
HOWARD COMMUNITY COLLEGE	MD	15	13
JOHNS HOPKINS UNIVERSITY	MD	2	2
LOYOLA UNIVERSITY MARYLAND	MD	3	3
MCDANIEL COLLEGE (MARYLAND)	MD	3	2
MONTGOMERY COLLEGE - GERMANTOWN	MD	1	1
MONTGOMERY COLLEGE - ROCKVILLE	MD	12	8
MONTGOMERY COLLEGE - TAKOMA PARK / SILVER SPRINGS	MD	13	10
MORGAN STATE UNIVERSITY	MD	4	3
NOTRE DAME OF MARYLAND UNIVERSITY	MD	2	2
PRINCE GEORGE'S COMMUNITY COLLEGE	MD	20	17
SALISBURY UNIVERSITY	MD	8	7
STEVENSON UNIVERSITY	MD	2	2
STRAYER UNIVERSITY (MD)	MD	1	0
TOWSON UNIVERSITY	MD	14	11
UNITED STATES NAVAL ACADEMY	MD	1	1
UNIVERSITY OF MARYLAND - BALTIMORE COUNTY	MD	33	31
UNIVERSITY OF MARYLAND - COLLEGE PARK	MD	29	28
UNIVERSITY OF MARYLAND - EASTERN SHORE	MD	20	17
UNIVERSITY OF MARYLAND - UNIVERSITY COLLEGE	MD	3	2
WASHINGTON ADVENTIST UNIVERSITY	MD	2	1
WASHINGTON COLLEGE	MD	2	2
BATES COLLEGE	ME	2	1
HUSSON UNIVERSITY	ME	6	6
KENNEBEC VALLEY COMMUNITY COLLEGE	ME	1	1
SAINT JOSEPH'S COLLEGE OF MAINE	ME	1	1
UNIVERSITY OF MAINE - AUGUSTA	ME	1	1
UNIVERSITY OF MAINE - ORONO	ME	3	2
UNIVERSITY OF NEW ENGLAND	ME	35	29
YORK COUNTY COMMUNITY COLLEGE	ME	1	1
ALBION COLLEGE	MI	1	1
ALMA COLLEGE	MI	3	3
ALPENA COMMUNITY COLLEGE	MI	1	1
ANDREWS UNIVERSITY	MI	1	1
CALVIN COLLEGE	MI	2	1
CENTRAL MICHIGAN UNIVERSITY	MI	12	10
CONCORDIA UNIVERSITY - ANN ARBOR	MI	1	1
CORNERSTONE UNIVERSITY	MI	1	1
DAVENPORT UNIVERSITY - CENTRAL REGION	MI	1	1
DELTA COLLEGE	MI	5	5
EASTERN MICHIGAN UNIVERSITY	MI	12	9
FERRIS STATE UNIVERSITY	MI	59	54
GRAND RAPIDS COMMUNITY COLLEGE	MI	6	5
GRAND VALLEY STATE UNIVERSITY	MI	10	9
HENRY FORD COMMUNITY COLLEGE	MI	38	32
HILLSDALE COLLEGE	MI	2	2
HOPE COLLEGE	MI	1	1
KALAMAZOO COLLEGE	MI	1	0

LAKE SUPERIOR STATE UNIVERSITY	MI	3	3
LANSING COMMUNITY COLLEGE	MI	5	4
MACOMB COMMUNITY COLLEGE	MI	20	15
MADONNA UNIVERSITY	MI	2	1
MICHIGAN STATE UNIVERSITY - EAST LANSING	MI	32	29
MICHIGAN TECHNOLOGICAL UNIVERSITY	MI	1	1
MOTT COMMUNITY COLLEGE	MI	1	1
NORTHERN MICHIGAN UNIVERSITY	MI	1	0
OAKLAND COMMUNITY COLLEGE (MI)	MI	6	6
OAKLAND UNIVERSITY	MI	43	30
OLIVET COLLEGE	MI	1	1
ROCHESTER COLLEGE	MI	1	1
SAGINAW VALLEY STATE UNIVERSITY	MI	6	6
SCHOOLCRAFT COLLEGE	MI	13	10
SIENA HEIGHTS UNIVERSITY	MI	1	1
UNIVERSITY OF DETROIT MERCY	MI	3	1
UNIVERSITY OF MICHIGAN - ANN ARBOR	MI	29	29
UNIVERSITY OF MICHIGAN - DEARBORN	MI	28	25
UNIVERSITY OF MICHIGAN - FLINT	MI	6	6
WASHTENAW COMMUNITY COLLEGE	MI	4	3
WAYNE COUNTY COMMUNITY COLLEGE	MI	25	18
WAYNE STATE UNIVERSITY	MI	122	96
WESTERN MICHIGAN UNIVERSITY	MI	2	2
ANOKA-RAMSEY COMMUNITY COLLEGE	MN	2	0
AUGSBURG UNIVERSITY	MN	1	1
BEMIDJI STATE UNIVERSITY	MN	4	3
BETHEL UNIVERSITY	MN	2	2
CARLETON COLLEGE	MN	1	1
CENTURY COLLEGE	MN	1	1
COLLEGE OF SAINT BENEDICT / SAINT JOHN'S UNIVERSITY	MN	4	4
COLLEGE OF SAINT SCHOLASTICA	MN	4	4
CONCORDIA COLLEGE - MOORHEAD	MN	2	2
CONCORDIA UNIVERSITY - SAINT PAUL	MN	3	3
FOND DU LAC TRIBAL AND COMMUNITY COLLEGE	MN	1	1
GUSTAVUS ADOLPHUS COLLEGE	MN	1	0
INVER HILLS COMMUNITY COLLEGE	MN	2	2
LAKE SUPERIOR COLLEGE	MN	1	0
METROPOLITAN STATE UNIVERSITY	MN	11	10
MINNEAPOLIS COMMUNITY AND TECHNICAL COLLEGE	MN	1	1
MINNESOTA STATE UNIVERSITY - MANKATO	MN	5	4
MINNESOTA STATE UNIVERSITY - MOORHEAD	MN	3	2
NORMANDALE COMMUNITY COLLEGE	MN	2	2
NORTH HENNEPIN COMMUNITY COLLEGE	MN	1	1
RIVERLAND COMMUNITY COLLEGE	MN	1	0
ROCHESTER COMMUNITY AND TECHNICAL COLLEGE	MN	1	1
SAINT CATHERINE UNIVERSITY	MN	5	3
SAINT CLOUD STATE UNIVERSITY	MN	3	2
SAINT PAUL COLLEGE - A COMMUNITY AND TECHNICAL COLLEGE	MN	3	2
SOUTH CENTRAL COLLEGE - FARIBAULT/MANKATO	MN	1	1
UNIVERSITY OF MINNESOTA - CROOKSTON	MN	2	2



UNIVERSITY OF MINNESOTA - DULUTH	MN	27	25
UNIVERSITY OF MINNESOTA - MORRIS	MN	2	2
UNIVERSITY OF MINNESOTA - ROCHESTER	MN	2	2
UNIVERSITY OF MINNESOTA - TWIN CITIES	MN	51	45
UNIVERSITY OF SAINT THOMAS (MN)	MN	5	5
WINONA STATE UNIVERSITY	MN	2	2
AVILA UNIVERSITY	MO	1	1
COLUMBIA COLLEGE (MO)	MO	2	1
CULVER-STOCKTON COLLEGE	MO	2	2
DRURY UNIVERSITY	MO	1	1
EVANGEL UNIVERSITY	MO	1	0
HANNIBAL-LAGRANGE COLLEGE	MO	1	0
LINCOLN UNIVERSITY (MISSOURI)	MO	1	0
LINDENWOOD UNIVERSITY	MO	4	3
LOGAN COLLEGE OF CHIROPRACTIC	MO	1	1
MARYVILLE UNIVERSITY OF SAINT LOUIS	MO	4	4
METROPOLITAN COMMUNITY COLLEGE - BLUE RIVER	MO	1	1
METROPOLITAN COMMUNITY COLLEGE - KANSAS CITY / LEES SUMMIT	MO	1	0
METROPOLITAN COMMUNITY COLLEGE - LONGVIEW	MO	1	1
METROPOLITAN COMMUNITY COLLEGE - MAPLE WOODS	MO	1	1
METROPOLITAN COMMUNITY COLLEGE - PENN VALLEY	MO	2	1
MISSOURI BAPTIST UNIVERSITY	MO	2	2
MISSOURI SOUTHERN STATE UNIVERSITY	MO	6	5
MISSOURI STATE UNIVERSITY - SPRINGFIELD	MO	27	23
MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY (MISSOURI S & T)	MO	1	1
MOBERLY AREA COMMUNITY COLLEGE	MO	1	1
NORTH CENTRAL MISSOURI COLLEGE	MO	0	0
NORTHWEST MISSOURI STATE UNIVERSITY	MO	5	5
OZARKS TECHNICAL COMMUNITY COLLEGE	MO	5	4
ROCKHURST UNIVERSITY	MO	6	6
SAINT CHARLES COMMUNITY COLLEGE	MO	2	2
SAINT LOUIS COLLEGE OF PHARMACY	MO	10	8
SAINT LOUIS COMMUNITY COLLEGE - FOREST PARK, MO	MO	1	1
SAINT LOUIS UNIVERSITY (MISSOURI)	MO	3	3
SOUTHEAST MISSOURI STATE UNIVERSITY	MO	4	4
STATE FAIR COMMUNITY COLLEGE	MO	1	1
STEPHENS COLLEGE	MO	1	1
TRUMAN STATE UNIVERSITY	MO	5	5
UNIVERSITY OF CENTRAL MISSOURI	MO	4	4
UNIVERSITY OF MISSOURI - COLUMBIA	MO	38	37
UNIVERSITY OF MISSOURI - KANSAS CITY	MO	52	44
UNIVERSITY OF MISSOURI - SAINT LOUIS	MO	13	12
WASHINGTON UNIVERSITY IN SAINT LOUIS	MO	3	3
WEBSTER UNIVERSITY (MO)	MO	1	1
WESTMINSTER COLLEGE (MO)	MO	1	1
WILLIAM JEWELL COLLEGE	MO	1	1
ALCORN STATE UNIVERSITY	MS	6	6
BLUE MOUNTAIN COLLEGE	MS	1	1
COAHOMA COMMUNITY COLLEGE	MS	1	1
DELTA STATE UNIVERSITY	MS	6	6

EAST CENTRAL COMMUNITY COLLEGE	MS	1	0
EAST MISSISSIPPI COMMUNITY COLLEGE	MS	2	1
HINDS COMMUNITY COLLEGE - RANKIN	MS	1	1
HINDS COMMUNITY COLLEGE - RAYMOND	MS	2	2
JACKSON STATE UNIVERSITY	MS	15	11
JONES COUNTY JUNIOR COLLEGE	MS	1	1
MILLSAPS COLLEGE	MS	1	1
MISSISSIPPI COLLEGE	MS	6	4
MISSISSIPPI DELTA COMMUNITY COLLEGE	MS	1	1
MISSISSIPPI GULF COAST COMMUNITY COLLEGE	MS	11	11
MISSISSIPPI STATE UNIVERSITY	MS	16	15
MISSISSIPPI UNIVERSITY FOR WOMEN	MS	1	1
MISSISSIPPI VALLEY STATE UNIVERSITY	MS	1	0
NORTHEAST MISSISSIPPI COMMUNITY COLLEGE	MS	1	1
NORTHWEST MISSISSIPPI COMMUNITY COLLEGE	MS	5	3
PEARL RIVER COMMUNITY COLLEGE - POPLARVILLE, MS / MAIN CAMPUS	MS	1	1
RUST COLLEGE	MS	3	2
TOUGALOO COLLEGE	MS	7	6
UNIVERSITY OF MISSISSIPPI	MS	119	105
UNIVERSITY OF SOUTHERN MISSISSIPPI	MS	10	8
WILLIAM CAREY UNIVERSITY	MS	19	18
CARROLL COLLEGE - HELENA	MT	4	4
FLATHEAD VALLEY COMMUNITY COLLEGE	MT	3	1
HELENA COLLEGE UNIVERSITY OF MONTANA	MT	2	2
MONTANA STATE UNIVERSITY - BILLINGS	MT	2	2
MONTANA STATE UNIVERSITY - BOZEMAN	MT	7	6
MONTANA STATE UNIVERSITY - NORTHERN	MT	1	1
MONTANA TECHNOLOGICAL UNIVERSITY	MT	3	3
ROCKY MOUNTAIN COLLEGE	MT	2	1
UNIVERSITY OF MONTANA - MISSOULA	MT	28	24
UNIVERSITY OF NEW BRUNSWICK	NB	2	2
APPALACHIAN STATE UNIVERSITY	NC	10	7
ASHEVILLE - BUNCOMBE TECHNICAL COMMUNITY COLLEGE	NC	3	2
BLUE RIDGE COMMUNITY COLLEGE - FLAT ROCK	NC	0	0
BREVARD COLLEGE	NC	1	1
CAMPBELL UNIVERSITY	NC	32	31
CATAWBA COLLEGE	NC	1	1
CENTRAL CAROLINA COMMUNITY COLLEGE	NC	1	1
CENTRAL PIEDMONT COMMUNITY COLLEGE	NC	10	9
CLEVELAND COMMUNITY COLLEGE	NC	1	1
DAVIDSON COLLEGE	NC	2	2
DUKE UNIVERSITY	NC	1	1
DURHAM TECHNICAL COMMUNITY COLLEGE	NC	2	2
EAST CAROLINA UNIVERSITY	NC	12	12
ELIZABETH CITY STATE UNIVERSITY	NC	6	5
FAYETTEVILLE STATE UNIVERSITY	NC	1	0
FAYETTEVILLE TECHNICAL COMMUNITY COLLEGE	NC	2	2
FORSYTH TECHNICAL COMMUNITY COLLEGE	NC	2	1
GARDNER-WEBB UNIVERSITY	NC	1	1
GASTON COLLEGE	NC	1	1

GUILFORD COLLEGE	NC	1	1
GUILFORD TECHNICAL COMMUNITY COLLEGE	NC	1	1
HIGH POINT UNIVERSITY	NC	29	28
ISOTHERMAL COMMUNITY COLLEGE	NC	2	2
LENOIR-RHYNE UNIVERSITY	NC	2	2
MARS HILL COLLEGE	NC	2	2
MEREDITH COLLEGE	NC	1	1
METHODIST UNIVERSITY	NC	1	1
MONTREAT COLLEGE	NC	1	1
MOUNT OLIVE COLLEGE	NC	1	0
NASH COMMUNITY COLLEGE	NC	1	0
NORTH CAROLINA AGRICULTURAL AND TECHNICAL STATE UNIVERSITY	NC	5	5
NORTH CAROLINA CENTRAL UNIVERSITY	NC	7	6
NORTH CAROLINA STATE UNIVERSITY	NC	20	20
PFEIFFER UNIVERSITY	NC	2	2
PITT COMMUNITY COLLEGE	NC	1	1
QUEENS UNIVERSITY OF CHARLOTTE	NC	2	1
RICHMOND COMMUNITY COLLEGE	NC	1	1
SALEM COLLEGE	NC	4	4
SHAW UNIVERSITY	NC	1	1
STANLY COMMUNITY COLLEGE	NC	1	1
SURRY COMMUNITY COLLEGE	NC	1	1
UNIVERSITY OF NORTH CAROLINA - ASHEVILLE	NC	5	4
UNIVERSITY OF NORTH CAROLINA - CHAPEL HILL	NC	63	60
UNIVERSITY OF NORTH CAROLINA - CHARLOTTE	NC	12	12
UNIVERSITY OF NORTH CAROLINA - GREENSBORO	NC	8	6
UNIVERSITY OF NORTH CAROLINA - PEMBROKE	NC	12	10
UNIVERSITY OF NORTH CAROLINA - WILMINGTON	NC	11	11
WAKE FOREST UNIVERSITY	NC	4	3
WAKE TECHNICAL COMMUNITY COLLEGE	NC	3	3
WARREN WILSON COLLEGE	NC	1	1
WESTERN CAROLINA UNIVERSITY	NC	6	6
WESTERN PIEDMONT COMMUNITY COLLEGE	NC	1	1
WILLIAM PEACE UNIVERSITY	NC	1	1
WINGATE UNIVERSITY	NC	33	31
WINSTON-SALEM STATE UNIVERSITY	NC	6	4
DICKINSON STATE UNIVERSITY	ND	1	0
LAKE REGION STATE COLLEGE	ND	1	1
NORTH DAKOTA STATE COLLEGE OF SCIENCE	ND	2	2
NORTH DAKOTA STATE UNIVERSITY - MAIN CAMPUS	ND	65	60
UNIVERSITY OF MARY	ND	1	0
UNIVERSITY OF NORTH DAKOTA	ND	4	4
VALLEY CITY STATE UNIVERSITY	ND	1	1
WILLISTON STATE COLLEGE	ND	1	0
BELLEVUE UNIVERSITY	NE	1	0
CENTRAL COMMUNITY COLLEGE	NE	1	0
COLLEGE OF SAINT MARY	NE	1	1
CONCORDIA UNIVERSITY - SEWARD	NE	1	1
CREIGHTON UNIVERSITY	NE	21	18
DOANE COLLEGE	NE	2	2

HASTINGS COLLEGE	NE	2	2
METROPOLITAN COMMUNITY COLLEGE (NEBRASKA)	NE	1	1
MIDLAND LUTHERAN COLLEGE	NE	1	1
NEBRASKA WESLEYAN UNIVERSITY	NE	6	6
NORTHEAST COMMUNITY COLLEGE	NE	2	1
PERU STATE COLLEGE	NE	4	4
SOUTHEAST COMMUNITY COLLEGE - LINCOLN	NE	1	1
UNION COLLEGE (NE)	NE	1	1
UNIVERSITY OF NEBRASKA - KEARNEY	NE	9	9
UNIVERSITY OF NEBRASKA - LINCOLN	NE	24	21
UNIVERSITY OF NEBRASKA - OMAHA	NE	16	13
WAYNE STATE COLLEGE	NE	11	11
DARTMOUTH COLLEGE	NH	1	1
FRANKLIN PIERCE UNIVERSITY - RINDGE, NH (MAIN CAMPUS)	NH	3	3
MANCHESTER COMMUNITY COLLEGE (NEW HAMPSHIRE)	NH	1	1
NEW ENGLAND COLLEGE	NH	1	1
NHTI-CONCORD COMMUNITY COLLEGE	NH	2	1
PLYMOUTH STATE UNIVERSITY	NH	1	1
SAINT ANSELM COLLEGE	NH	2	2
SOUTHERN NEW HAMPSHIRE UNIVERSITY	NH	1	1
UNIVERSITY OF NEW HAMPSHIRE - DURHAM	NH	6	6
UNIVERSITY OF NEW HAMPSHIRE - MANCHESTER	NH	3	3
ATLANTIC CAPE COMMUNITY COLLEGE	NJ	1	1
BERGEN COMMUNITY COLLEGE	NJ	3	2
BROOKDALE COMMUNITY COLLEGE	NJ	3	3
CAMDEN COUNTY COLLEGE	NJ	12	8
COLLEGE OF NEW JERSEY	NJ	1	1
COLLEGE OF SAINT ELIZABETH	NJ	1	1
COUNTY COLLEGE OF MORRIS	NJ	2	1
CUMBERLAND COUNTY COLLEGE	NJ	1	1
DREW UNIVERSITY	NJ	2	2
EASTWICK COLLEGE	NJ	1	0
ESSEX COUNTY COLLEGE	NJ	6	5
FAIRLEIGH DICKINSON UNIVERSITY - COLLEGE AT FLORHAM	NJ	13	13
FAIRLEIGH DICKINSON UNIVERSITY - METROPOLITAN CAMPUS	NJ	14	13
FELICIAN COLLEGE (NEW JERSEY) (now Felician University)	NJ	2	1
HUDSON COUNTY COMMUNITY COLLEGE	NJ	4	4
KEAN UNIVERSITY	NJ	10	9
MIDDLESEX COUNTY COLLEGE	NJ	13	8
MONMOUTH UNIVERSITY	NJ	1	1
MONTCLAIR STATE UNIVERSITY	NJ	16	13
NEW JERSEY CITY UNIVERSITY	NJ	5	3
NEW JERSEY INSTITUTE OF TECHNOLOGY	NJ	7	6
OCEAN COUNTY COLLEGE	NJ	2	2
PASSAIC COUNTY COMMUNITY COLLEGE	NJ	1	1
RAMAPO COLLEGE OF NEW JERSEY	NJ	6	5
RARITAN VALLEY COMMUNITY COLLEGE	NJ	7	5
RICHARD STOCKTON COLLEGE OF NEW JERSEY	NJ	4	2
RIDER UNIVERSITY	NJ	1	1
ROWAN COLLEGE AT BURLINGTON COUNTY	NJ	3	3

ROWAN COLLEGE AT GLOUCESTER COUNTY	NJ	7	7
ROWAN UNIVERSITY - MAIN CAMPUS	NJ	6	5
RUTGERS - STATE UNIVERSITY OF NEW JERSEY - CAMDEN	NJ	8	5
RUTGERS - STATE UNIVERSITY OF NEW JERSEY - DOUGLASS	NJ	2	1
RUTGERS - STATE UNIVERSITY OF NEW JERSEY - NEW BRUNSWICK	NJ	33	29
RUTGERS - STATE UNIVERSITY OF NEW JERSEY - NEWARK	NJ	24	19
RUTGERS - STATE UNIVERSITY OF NEW JERSEY - SCHOOL OF PUBLIC HEALTH	NJ	1	1
RUTGERS - STATE UNIVERSITY OF NEW JERSEY - SEBS	NJ	1	1
SAINT PETER'S COLLEGE	NJ	7	5
SALEM COMMUNITY COLLEGE	NJ	1	1
SETON HALL UNIVERSITY - SOUTH ORANGE	NJ	3	3
SUSSEX COUNTY COMMUNITY COLLEGE	NJ	1	0
THOMAS EDISON STATE COLLEGE	NJ	1	1
WILLIAM PATERSON UNIVERSITY OF NEW JERSEY	NJ	6	5
CENTRAL NEW MEXICO COMMUNITY COLLEGE	NM	8	5
EASTERN NEW MEXICO UNIVERSITY - PORTALES	NM	1	1
NEW MEXICO INSTITUTE OF MINING AND TECHNOLOGY	NM	1	1
NEW MEXICO STATE UNIVERSITY - CARLSBAD	NM	1	0
NEW MEXICO STATE UNIVERSITY - LAS CRUCES	NM	13	13
SAN JUAN COLLEGE	NM	1	1
UNIVERSITY OF NEW MEXICO - ALBUQUERQUE	NM	44	40
UNIVERSITY OF NEW MEXICO - VALENCIA	NM	1	0
WESTERN NEW MEXICO UNIVERSITY	NM	2	2
SAINT MARY'S UNIVERSITY (NS)	NS	1	0
COLLEGE OF SOUTHERN NEVADA	NV	11	9
NEVADA STATE COLLEGE	NV	18	16
ROSEMAN UNIVERSITY OF HEALTH SCIENCES - HENDERSON, NV	NV	1	1
TRUCKEE MEADOWS COMMUNITY COLLEGE	NV	1	1
UNIVERSITY OF NEVADA - LAS VEGAS	NV	33	29
UNIVERSITY OF NEVADA - RENO	NV	14	11
WESTERN NEVADA COLLEGE	NV	1	1
ALBANY COLLEGE OF PHARMACY	NY	14	12
ALFRED UNIVERSITY	NY	2	1
BROOME COMMUNITY COLLEGE	NY	4	4
CANISIUS COLLEGE	NY	5	5
COLLEGE OF MOUNT SAINT VINCENT	NY	1	1
COLLEGE OF SAINT ROSE	NY	1	0
COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	NY	1	1
CORNELL UNIVERSITY	NY	1	1
CUNY - BARUCH COLLEGE	NY	2	2
CUNY - BOROUGH OF MANHATTAN COMMUNITY COLLEGE	NY	3	2
CUNY - BRONX COMMUNITY COLLEGE	NY	6	4
CUNY - BROOKLYN COLLEGE	NY	17	15
CUNY - CITY COLLEGE	NY	13	11
CUNY - COLLEGE OF STATEN ISLAND	NY	12	11
CUNY - HOSTOS COMMUNITY COLLEGE	NY	1	1
CUNY - HUNTER COLLEGE	NY	22	18
CUNY - JOHN JAY COLLEGE OF CRIMINAL JUSTICE	NY	4	4
CUNY - KINGSBOROUGH COMMUNITY COLLEGE	NY	5	5
CUNY - LAGUARDIA COMMUNITY COLLEGE	NY	1	1

CUNY - LEHMAN COLLEGE	NY	13	12
CUNY - MEDGAR EVERS COLLEGE	NY	3	2
CUNY - NEW YORK CITY COLLEGE OF TECHNOLOGY	NY	3	3
CUNY - QUEENS COLLEGE	NY	7	6
CUNY - QUEENSBOROUGH COMMUNITY COLLEGE	NY	1	0
CUNY - YORK COLLEGE	NY	9	8
DOMINICAN COLLEGE	NY	1	1
D'YOUVILLE COLLEGE	NY	22	20
ELMIRA COLLEGE	NY	1	1
ERIE COMMUNITY COLLEGE - CENTER REPORT	NY	1	0
ERIE COMMUNITY COLLEGE - CITY CAMPUS	NY	1	1
ERIE COMMUNITY COLLEGE - NORTH CAMPUS	NY	2	0
EXCELSIOR COLLEGE	NY	1	1
FINGER LAKES COMMUNITY COLLEGE	NY	2	2
FORDHAM UNIVERSITY - LINCOLN CENTER	NY	1	1
FORDHAM UNIVERSITY - ROSE HILL	NY	1	1
HARTWICK COLLEGE	NY	2	2
HOBART AND WILLIAM SMITH COLLEGES	NY	2	2
HOFSTRA UNIVERSITY	NY	4	3
HOUGHTON COLLEGE	NY	1	1
HUDSON VALLEY COMMUNITY COLLEGE	NY	5	4
ITHACA COLLEGE	NY	1	1
JAMESTOWN COMMUNITY COLLEGE	NY	1	1
LONG ISLAND UNIVERSITY - BROOKLYN CAMPUS	NY	166	150
LONG ISLAND UNIVERSITY - C.W. POST CAMPUS	NY	10	10
MANHATTAN COLLEGE	NY	1	1
MANHATTANVILLE COLLEGE	NY	1	1
MARIST COLLEGE	NY	2	2
MERCY COLLEGE	NY	1	1
MOHAWK VALLEY COMMUNITY COLLEGE	NY	3	3
MONROE COMMUNITY COLLEGE - ROCHESTER	NY	8	6
NASSAU COMMUNITY COLLEGE	NY	2	2
NAZARETH COLLEGE (NY)	NY	3	3
NEW YORK INSTITUTE OF TECHNOLOGY - CENTRAL ISLIP	NY	1	1
NEW YORK INSTITUTE OF TECHNOLOGY - OLD WESTBURY	NY	3	2
NEW YORK UNIVERSITY	NY	3	3
NIAGARA COUNTY COMMUNITY COLLEGE	NY	2	2
NIAGARA UNIVERSITY	NY	2	2
ONONDAGA COMMUNITY COLLEGE	NY	2	2
PACE UNIVERSITY - PLEASANTVILLE / BRIARCLIFF	NY	2	1
RENSSELAER POLYTECHNIC INSTITUTE	NY	1	1
ROBERTS WESLEYAN COLLEGE	NY	1	1
ROCHESTER INSTITUTE OF TECHNOLOGY	NY	3	2
SAINT BONAVENTURE UNIVERSITY	NY	1	1
SAINT FRANCIS COLLEGE (NEW YORK)	NY	1	1
SAINT JOHN FISHER COLLEGE	NY	38	33
SAINT JOHN'S UNIVERSITY (NY)	NY	11	9
SAINT LAWRENCE UNIVERSITY	NY	1	1
SCHENECTADY COUNTY COMMUNITY COLLEGE	NY	2	2
SIENA COLLEGE	NY	2	2

SKIDMORE COLLEGE	NY	1	1
SUFFOLK COUNTY COMMUNITY COLLEGE - AMMERMAN CAMPUS / SELDON	NY	2	2
SUNY - BINGHAMTON UNIVERSITY	NY	43	42
SUNY - BROCKPORT	NY	6	6
SUNY - BUFFALO STATE	NY	5	4
SUNY - CORTLAND	NY	1	1
SUNY - EMPIRE STATE COLLEGE	NY	3	3
SUNY - FARMINGDALE STATE COLLEGE	NY	6	6
SUNY - FREDONIA	NY	1	1
SUNY - GENESEO	NY	4	4
SUNY - NEW PALTZ	NY	3	3
SUNY - OLD WESTBURY	NY	6	6
SUNY - ONEONTA	NY	2	2
SUNY - OSWEGO	NY	3	2
SUNY - PLATTSBURGH	NY	2	2
SUNY - POTSDAM	NY	3	3
SUNY - ROCKLAND COMMUNITY COLLEGE	NY	2	2
SUNY - STONY BROOK	NY	20	19
SUNY - UPSTATE MEDICAL UNIVERSITY	NY	1	1
SUNY - WESTCHESTER COMMUNITY COLLEGE	NY	2	2
SUNY COLLEGE OF TECHNOLOGY - ALFRED STATE COLLEGE	NY	1	1
SYRACUSE UNIVERSITY	NY	7	7
TECHNICAL CAREER INSTITUTES	NY	1	1
TOURO COLLEGE	NY	4	4
UNION COLLEGE (NY)	NY	3	3
UNIVERSITY AT ALBANY	NY	18	15
UNIVERSITY AT BUFFALO	NY	120	105
UNIVERSITY OF ROCHESTER	NY	4	4
UTICA COLLEGE	NY	2	1
VASSAR COLLEGE	NY	1	1
VAUGHN COLLEGE OF AERONAUTICS AND TECHNOLOGY	NY	1	1
WAGNER COLLEGE	NY	1	1
ASHLAND UNIVERSITY	OH	1	1
BALDWIN-WALLACE COLLEGE	OH	1	1
CAPITAL UNIVERSITY	OH	1	1
CASE WESTERN RESERVE UNIVERSITY	OH	5	5
CEDARVILLE UNIVERSITY	OH	1	0
CENTRAL STATE UNIVERSITY	OH	4	3
CINCINNATI STATE TECHNICAL AND COMMUNITY COLLEGE	OH	1	1
CLEVELAND STATE UNIVERSITY	OH	24	20
COLLEGE OF MOUNT SAINT JOSEPH	OH	1	1
COLLEGE OF WOOSTER	OH	1	1
COLUMBUS STATE COMMUNITY COLLEGE	OH	4	4
CUYAHOGA COMMUNITY COLLEGE - EASTERN	OH	2	1
CUYAHOGA COMMUNITY COLLEGE - WESTERN	OH	4	4
DENISON UNIVERSITY	OH	4	4
EASTERN GATEWAY COMMUNITY COLLEGE	OH	1	0
FRANCISCAN UNIVERSITY OF STEUBENVILLE	OH	1	1
HEIDELBERG COLLEGE	OH	1	1

KENT STATE UNIVERSITY - ASHTABULA/EAST LIVERPOOL/GAUGA/KENT/SALEM/STARK/TRUMBULL/TUSCARAWAS, OH	OH	24	21
KENYON COLLEGE	OH	2	2
LAKE ERIE COLLEGE	OH	2	2
LORAIN COUNTY COMMUNITY COLLEGE	OH	2	2
LOURDES COLLEGE	OH	2	2
MIAMI UNIVERSITY - OXFORD	OH	1	1
MUSKINGUM UNIVERSITY	OH	1	1
NOTRE DAME COLLEGE (OH)	OH	2	2
OHIO DOMINICAN UNIVERSITY	OH	1	1
OHIO NORTHERN UNIVERSITY	OH	3	2
OHIO STATE UNIVERSITY	OH	98	88
OHIO UNIVERSITY - ATHENS	OH	8	7
OHIO WESLEYAN UNIVERSITY	OH	1	0
OTTERBEIN COLLEGE	OH	1	1
OWENS COMMUNITY COLLEGE - TOLEDO CAMPUS	OH	1	1
SHAWNEE STATE UNIVERSITY	OH	3	3
SINCLAIR COMMUNITY COLLEGE	OH	1	0
SOUTHERN STATE COMMUNITY COLLEGE	OH	1	1
STARK STATE COLLEGE	OH	2	2
UNIVERSITY OF AKRON - AKRON CAMPUS	OH	9	8
UNIVERSITY OF AKRON - WAYNE COLLEGE	OH	1	1
UNIVERSITY OF CINCINNATI - BLUE ASH COLLEGE	OH	11	9
UNIVERSITY OF CINCINNATI - CLERMONT COLLEGE	OH	2	2
UNIVERSITY OF CINCINNATI - MAIN CAMPUS	OH	48	45
UNIVERSITY OF DAYTON	OH	3	3
UNIVERSITY OF FINDLAY	OH	1	0
UNIVERSITY OF MOUNT UNION	OH	1	1
UNIVERSITY OF PHOENIX (OH)	OH	1	1
UNIVERSITY OF TOLEDO	OH	115	101
UNIVERSITY OF TOLEDO - HEALTH SCIENCE CAMPUS	OH	2	0
URSULINE COLLEGE	OH	1	1
WITTENBERG UNIVERSITY	OH	2	0
WRIGHT STATE UNIVERSITY - DAYTON CAMPUS	OH	8	8
XAVIER UNIVERSITY	OH	3	3
YOUNGSTOWN STATE UNIVERSITY	OH	11	8
CAMERON UNIVERSITY	OK	3	2
EAST CENTRAL UNIVERSITY	OK	1	1
NORTHEASTERN STATE UNIVERSITY	OK	4	4
OKLAHOMA CITY COMMUNITY COLLEGE	OK	3	2
OKLAHOMA STATE UNIVERSITY - STILLWATER	OK	9	8
ORAL ROBERTS UNIVERSITY	OK	1	1
ROSE STATE COLLEGE	OK	5	4
SEMINOLE STATE COLLEGE (OKLAHOMA)	OK	1	1
SOUTHEASTERN OKLAHOMA STATE UNIVERSITY	OK	1	1
SOUTHERN NAZARENE UNIVERSITY	OK	1	1
SOUTHWESTERN OKLAHOMA STATE UNIVERSITY	OK	2	2
TULSA COMMUNITY COLLEGE	OK	10	6
UNIVERSITY OF CENTRAL OKLAHOMA	OK	10	6
UNIVERSITY OF OKLAHOMA - NORMAN CAMPUS	OK	39	36



UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	1	0
UNIVERSITY OF TULSA	OK	3	3
BROCK UNIVERSITY	ON	1	0
CARLETON UNIVERSITY	ON	1	0
MCMASTER UNIVERSITY	ON	3	2
QUEEN'S UNIVERSITY - MAIN CAMPUS	ON	6	5
RYERSON UNIVERSITY	ON	2	0
UNIVERSITY OF GUELPH	ON	2	2
UNIVERSITY OF ONTARIO INSTITUTE OF TECHNOLOGY	ON	2	2
UNIVERSITY OF OTTAWA	ON	2	1
UNIVERSITY OF TORONTO - MISSISSAUGA - ERINDALE COLLEGE	ON	7	5
UNIVERSITY OF TORONTO - NEW COLLEGE	ON	1	1
UNIVERSITY OF TORONTO - SAINT GEORGE'S CAMPUS	ON	1	0
UNIVERSITY OF TORONTO - SCARBOROUGH	ON	1	1
UNIVERSITY OF TORONTO - UNIVERSITY OF SAINT MICHAEL'S COLLEGE	ON	1	1
UNIVERSITY OF TORONTO - UNIVERSITY OF TRINITY COLLEGE	ON	1	1
UNIVERSITY OF WATERLOO - MAIN CAMPUS	ON	11	9
UNIVERSITY OF WESTERN ONTARIO - MAIN CAMPUS	ON	5	2
UNIVERSITY OF WINDSOR - ASSUMPTION UNIVERSITY	ON	2	2
UNIVERSITY OF WINDSOR - MAIN CAMPUS	ON	14	11
WILFRID LAURIER UNIVERSITY	ON	4	3
YORK UNIVERSITY - MAIN CAMPUS	ON	9	5
BLUE MOUNTAIN COMMUNITY COLLEGE	OR	1	1
EASTERN OREGON UNIVERSITY	OR	2	2
GEORGE FOX UNIVERSITY	OR	1	0
LEWIS AND CLARK COLLEGE	OR	1	1
MOUNT HOOD COMMUNITY COLLEGE	OR	1	1
OREGON INSTITUTE OF TECHNOLOGY	OR	6	5
OREGON STATE UNIVERSITY	OR	59	54
PACIFIC UNIVERSITY	OR	11	9
PORTLAND COMMUNITY COLLEGE	OR	9	7
PORTLAND STATE UNIVERSITY	OR	29	26
SOUTHERN OREGON UNIVERSITY	OR	2	2
SOUTHWESTERN OREGON COMMUNITY COLLEGE	OR	1	1
UNIVERSITY OF OREGON - EUGENE	OR	5	5
UNIVERSITY OF PORTLAND	OR	13	13
WESTERN OREGON UNIVERSITY	OR	1	1
WILLAMETTE UNIVERSITY	OR	1	1
ADDIS ABABA UNIVERSITY	OT	1	1
AIN SHAMS UNIVERSITY	OT	2	2
AJMAN UNIVERSITY OF SCIENCE AND TECHNOLOGY	OT	2	1
AMERICAN UNIVERSITY BEIRUT	OT	2	1
ASSIUT UNIVERSITY	OT	1	1
CAIRO UNIVERSITY	OT	1	1
CAPITAL MEDICAL UNIVERSITY	OT	1	1
CENTRAL UNIVERSITY	OT	1	1
CENTRO ESCOLAR UNIVERSITY	OT	1	1
CHANG GUNG UNIVERSITY	OT	1	1
CHINA PHARMACEUTICAL UNIVERSITY	OT	1	1
CHINESE CULTURE UNIVERSITY	OT	1	1

CHUNG-ANG UNIVERSITY	OT	1	0
COLLEGE OF MEDICINE - CITY OF LAGOS	OT	1	1
CUTTINGTON UNIVERSITY COLLEGE	OT	1	0
DEVI AHILYA UNIVERSITY	OT	1	0
DONGGUK UNIVERSITY	OT	1	1
EWHA WOMANS UNIVERSITY	OT	1	0
GUJARAT TECHNOLOGICAL UNIVERSITY	OT	6	4
GURU NANAK DEV UNIVERSITY	OT	1	1
HANDONG UNIVERSITY	OT	2	0
HENAN UNIVERSITY TRADITIONAL CHINESE MEDICINE	OT	1	1
INHA UNIVERSITY	OT	1	1
INJE UNIVERSITY	OT	1	1
ISFAHAN UNIVERSITY TECHNOLOGY	OT	1	1
ISLAMIC AZAD UNIVERSITY	OT	6	4
JAWAHARLAL NEHRU UNIVERSITY	OT	1	1
KAOHSIUNG MEDICAL UNIVERSITY	OT	1	1
KARNATAK UNIVERSITY	OT	1	0
KEELE UNIVERSITY	OT	1	1
KOREA UNIVERSITY	OT	2	1
KWAME NKRUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY	OT	7	6
KYUNGHEE UNIVERSITY	OT	1	1
LAGOS UNIVERSITY TEACHING HOSPITAL	OT	1	1
MAHIDOL UNIVERSITY	OT	1	1
MASHHAD UNIVERSITY OF MEDICAL SCIENCES	OT	1	1
NANJING UNIVERSITY SCIENCE AND TECHNOLOGY	OT	1	1
NATIONAL UNIVERSITY OF HO CHI MINH CITY	OT	1	1
NIRMA UNIVERSITY	OT	1	0
NNAMDI AZIKIWE UNIVERSITY	OT	2	2
OBAFEMI AWOLOWO UNIVERSITY	OT	1	1
OSMANIA UNIVERSITY	OT	0	0
PANJAB UNIVERSITY	OT	2	2
PUSAN NATIONAL UNIVERSITY	OT	2	2
RAJIV GHANDI UNIVERSITY OF HEALTH SCIENCES	OT	5	3
ROEHAMPTON INSTITUTE	OT	1	0
ROSS UNIVERSITY SCHOOL OF MEDICINE	OT	1	1
SAVITRIBAI PHULE PUNE UNIVERSITY	OT	1	1
SEOUL NATIONAL UNIVERSITY	OT	2	2
SHAHID BEHESHTI UNIVERSITY	OT	1	1
SHARIF UNIVERSITY OF TECHNOLOGY IRAN	OT	2	1
SHIRAZ UNIVERSITY OF MED. SCIENCE	OT	1	1
SOOKMYUNG WOMEN'S UNIVERSITY	OT	1	1
TAIPEI MEDICAL COLLEGE	OT	1	1
TIRANA UNIVERSITY	OT	1	0
TUNGHAI UNIVERSITY	OT	1	1
TZU CHI UNIVERSITY	OT	1	1
UNIVERSIDAD DE GUANAJUATO	OT	1	1
UNIVERSIDAD DE ORIENTE - FACULTAD DE ESTOMATOLOGIA DEL ISCM	OT	1	1
UNIVERSITY OF ASMARA	OT	2	2
UNIVERSITY OF BAGHDAD	OT	1	1
UNIVERSITY OF BENIN	OT	1	0

UNIVERSITY OF CAIRO - FACULTY OF ORAL AND DENTAL MEDICINE	OT	1	1
UNIVERSITY OF CAPE COAST	OT	2	2
UNIVERSITY OF DHAKA	OT	1	1
UNIVERSITY OF GHANA,	OT	1	1
UNIVERSITY OF GUYANA	OT	1	1
UNIVERSITY OF ILORIN	OT	1	0
UNIVERSITY OF KERALA	OT	1	1
UNIVERSITY OF KHARTOUM	OT	1	1
UNIVERSITY OF LAGOS	OT	4	2
UNIVERSITY OF LIBERIA	OT	1	0
UNIVERSITY OF NIS - CLINIC OF STOMATOLOGY	OT	0	0
UNIVERSITY OF PORT HARCOURT	OT	1	1
UNIVERSITY OF TEHRAN	OT	2	1
UNIVERSITY OF UYO	OT	1	1
UNIVERSITY OF YAOUNDE	OT	2	2
VEER NARMAD SOUTH GUJARAT UNIVERSITY	OT	2	2
WONKWANG UNIVERSITY	OT	1	1
YONSEI UNIVERSITY	OT	1	1
ALLEGHENY COLLEGE	PA	1	1
ARCADIA UNIVERSITY	PA	1	1
BUCKNELL UNIVERSITY	PA	1	1
BUCKS COUNTY COMMUNITY COLLEGE	PA	4	4
BUTLER COUNTY COMMUNITY COLLEGE	PA	1	1
CEDAR CREST COLLEGE	PA	1	1
CHATHAM UNIVERSITY	PA	1	0
CHESTNUT HILL COLLEGE	PA	1	1
CHEYNEY UNIVERSITY OF PENNSYLVANIA	PA	2	2
CLARION UNIVERSITY OF PENNSYLVANIA	PA	5	5
COMMUNITY COLLEGE OF ALLEGHENY COUNTY - ALLEGHENY	PA	2	1
COMMUNITY COLLEGE OF ALLEGHENY COUNTY - BOYCE	PA	3	1
COMMUNITY COLLEGE OF PHILADELPHIA	PA	23	15
DELAWARE COUNTY COMMUNITY COLLEGE	PA	5	4
DICKINSON COLLEGE	PA	2	2
DREXEL UNIVERSITY	PA	4	3
DUQUESNE UNIVERSITY	PA	7	6
EAST STROUDSBURG UNIVERSITY OF PENNSYLVANIA	PA	2	2
EDINBORO UNIVERSITY OF PENNSYLVANIA	PA	9	6
FRANKLIN AND MARSHALL COLLEGE	PA	2	2
GANNON UNIVERSITY	PA	8	7
GENEVA COLLEGE	PA	1	1
GROVE CITY COLLEGE	PA	1	1
HARRISBURG AREA COMMUNITY COLLEGE - GETTYSBURG	PA	1	1
HARRISBURG AREA COMMUNITY COLLEGE - HARRISBURG / MAIN CAMPUS	PA	3	2
HARRISBURG UNIVERSITY OF SCIENCE AND TECHNOLOGY	PA	2	2
HOLY FAMILY UNIVERSITY	PA	1	1
IMMACULATA UNIVERSITY	PA	3	3
INDIANA UNIVERSITY OF PENNSYLVANIA - ARMSTRONG COUNTY	PA	1	1
INDIANA UNIVERSITY OF PENNSYLVANIA - SUTTON HALL	PA	7	7
KEYSTONE COLLEGE	PA	1	1
KING'S COLLEGE (PENNSYLVANIA)	PA	2	1

KUTZTOWN UNIVERSITY OF PENNSYLVANIA	PA	3	1
LA ROCHE COLLEGE	PA	1	1
LA SALLE UNIVERSITY	PA	4	4
LEBANON VALLEY COLLEGE	PA	2	1
LECOM - LAKE ERIE COLLEGE OF OSTEOPATHIC MEDICINE AND SCHOOL OF PHARMACY - ERIE, PA	PA	2	1
LINCOLN UNIVERSITY (PENNSYLVANIA)	PA	2	2
LOCK HAVEN UNIVERSITY OF PENNSYLVANIA - LOCK HAVEN	PA	5	4
LUZERNE COUNTY COMMUNITY COLLEGE	PA	1	1
MANSFIELD UNIVERSITY	PA	1	1
MARYWOOD UNIVERSITY	PA	1	1
MERCYHURST UNIVERSITY	PA	5	5
MESSIAH COLLEGE	PA	0	0
MILLERSVILLE UNIVERSITY OF PENNSYLVANIA	PA	6	5
MISERICORDIA UNIVERSITY	PA	1	0
MONTGOMERY COUNTY COMMUNITY COLLEGE	PA	4	4
MORAVIAN COLLEGE	PA	1	1
MOUNT ALOYSIUS COLLEGE	PA	2	2
MUHLENBERG COLLEGE	PA	1	1
NEUMANN UNIVERSITY	PA	2	1
NORTHAMPTON COUNTY AREA COMMUNITY COLLEGE - BETHLEHEM/MONROE	PA	2	1
PENNSYLVANIA STATE UNIVERSITY	PA	31	27
PHILADELPHIA UNIVERSITY	PA	1	1
READING AREA COMMUNITY COLLEGE	PA	3	2
ROBERT MORRIS UNIVERSITY	PA	4	3
SAINT FRANCIS UNIVERSITY	PA	1	1
SAINT JOSEPH'S UNIVERSITY	PA	3	3
SETON HILL UNIVERSITY	PA	3	3
SHIPPENSBURG UNIVERSITY OF PENNSYLVANIA	PA	1	1
SLIPPERY ROCK UNIVERSITY OF PENNSYLVANIA	PA	7	7
STRAYER UNIVERSITY (PA)	PA	1	0
SWARTHMORE COLLEGE	PA	1	1
TEMPLE UNIVERSITY	PA	90	77
THIEL COLLEGE	PA	1	0
THOMAS JEFFERSON UNIVERSITY	PA	11	10
UNIVERSITY OF PENNSYLVANIA	PA	1	1
UNIVERSITY OF PITTSBURGH - GREENSBURG	PA	8	5
UNIVERSITY OF PITTSBURGH - JOHNSTOWN	PA	4	4
UNIVERSITY OF PITTSBURGH - PITTSBURGH	PA	137	120
UNIVERSITY OF PITTSBURGH - TITUSVILLE	PA	3	3
UNIVERSITY OF SCRANTON	PA	1	1
UNIVERSITY OF THE SCIENCES IN PHILADELPHIA	PA	6	4
URSINUS COLLEGE	PA	1	1
VILLANOVA UNIVERSITY	PA	3	2
WASHINGTON AND JEFFERSON COLLEGE	PA	2	1
WEST CHESTER UNIVERSITY OF PENNSYLVANIA	PA	4	4
WESTMINSTER COLLEGE (PA)	PA	1	1
WIDENER UNIVERSITY - CHESTER, PA	PA	1	1
WILKES UNIVERSITY	PA	1	1
BAYAMON CENTRAL UNIVERSITY	PR	2	1

CARIBBEAN UNIVERSITY - BAYAMON/CAROLINA/PONCE/VEGA BAJA	PR	1	1
CATHOLIC UNIVERSITY OF PUERTO RICO - ARECIBO	PR	4	3
CATHOLIC UNIVERSITY OF PUERTO RICO - MAYAGUE (now Pontifical Catholic University of Puerto Rico)	PR	1	1
COLUMBIA CENTRO UNIVERSITARIO - CAGUAS	PR	1	1
COLUMBIA CENTRO UNIVERSITARIO - YAUCO	PR	1	0
INTER AMERICAN UNIVERSITY OF PUERTO RICO - AGUADILLA CAMPUS	PR	9	8
INTER AMERICAN UNIVERSITY OF PUERTO RICO - ARECIBO CAMPUS	PR	8	6
INTER AMERICAN UNIVERSITY OF PUERTO RICO - BARRANQUITAS	PR	2	1
INTER AMERICAN UNIVERSITY OF PUERTO RICO - BAYAMON CAMPUS	PR	5	5
INTER AMERICAN UNIVERSITY OF PUERTO RICO - FAJARDO CAMPUS	PR	4	2
INTER AMERICAN UNIVERSITY OF PUERTO RICO - GUAYAMA CAMPUS	PR	5	2
INTER AMERICAN UNIVERSITY OF PUERTO RICO - METROPOLITAN	PR	32	22
INTER AMERICAN UNIVERSITY OF PUERTO RICO - PONCE CAMPUS	PR	2	1
INTER AMERICAN UNIVERSITY OF PUERTO RICO - SAN GERMAN CAMPUS	PR	11	7
NATIONAL COLLEGE OF BUSINESS AND TECHNOLOGY - ARECIBO	PR	1	1
POLYTECHNIC UNIVERSITY OF PUERTO RICO	PR	1	1
PONTIFICAL CATHOLIC UNIVERSITY OF PUERTO RICO - ARECIBO	PR	5	4
PONTIFICAL CATHOLIC UNIVERSITY OF PUERTO RICO - PONCE / MAIN CAMPUS	PR	35	25
SISTEMA UNIVERSITARIO ANA G. MENDEZ	PR	10	8
UNIVERSIDAD DEL SAGRADO CORAZON	PR	2	1
UNIVERSIDAD DEL TURABO	PR	5	3
UNIVERSIDAD METROPOLITANA (PUERTO RICO)	PR	1	1
UNIVERSITY OF PUERTO RICO - AGUADILLA	PR	27	25
UNIVERSITY OF PUERTO RICO - ARECIBO	PR	30	26
UNIVERSITY OF PUERTO RICO - BAYAMON UNIVERSITY COLLEGE	PR	23	20
UNIVERSITY OF PUERTO RICO - CAYEY	PR	23	15
UNIVERSITY OF PUERTO RICO - HUMACAO	PR	17	11
UNIVERSITY OF PUERTO RICO - MAYAGUEZ CAMPUS	PR	32	29
UNIVERSITY OF PUERTO RICO - MEDICAL SCIENCES	PR	2	2
UNIVERSITY OF PUERTO RICO - PONCE	PR	11	9
UNIVERSITY OF PUERTO RICO - RIO PIEDRAS CAMPUS	PR	43	34
UNIVERSITY OF THE SACRED HEART (PUERTO RICO)	PR	3	0
CHAMPLAIN REGIONAL COLLEGE - SAINT LAMBER	QC	1	1
CONCORDIA UNIVERSITY - MONTREAL	QC	4	4
DAWSON COLLEGE	QC	1	1
MARIANOPOLIS COLLEGE	QC	1	1
MCGILL UNIVERSITY - MONTREAL	QC	7	4
UNIVERSITE DE LAVAL	QC	1	0
UNIVERSITE DE MONTREAL	QC	1	1
VANIER COLLEGE	QC	1	1
BROWN UNIVERSITY	RI	1	1
COMMUNITY COLLEGE OF RHODE ISLAND	RI	1	1
RHODE ISLAND COLLEGE	RI	1	1
UNIVERSITY OF RHODE ISLAND - KINGSTON	RI	15	14
ANDERSON UNIVERSITY (SC)	SC	3	3
BENEDICT COLLEGE	SC	3	3
CHARLESTON SOUTHERN UNIVERSITY	SC	4	3
CITADEL MILITARY COLLEGE OF SOUTH CAROLINA	SC	5	4
CLAFLIN UNIVERSITY	SC	6	5

CLEMSON UNIVERSITY	SC	29	27
COASTAL CAROLINA UNIVERSITY	SC	3	3
COKER COLLEGE	SC	1	1
COLLEGE OF CHARLESTON	SC	9	9
CONVERSE COLLEGE	SC	2	2
FLORENCE-DARLINGTON TECHNICAL COLLEGE	SC	1	0
FRANCIS MARION UNIVERSITY	SC	4	3
FURMAN UNIVERSITY	SC	4	4
GREENVILLE TECHNICAL COLLEGE	SC	3	2
HORRY-GEORGETOWN TECHNICAL COLLEGE	SC	3	2
LANDER UNIVERSITY	SC	1	1
MIDLANDS TECHNICAL COLLEGE	SC	10	8
NEWBERRY COLLEGE	SC	2	1
NORTH GREENVILLE UNIVERSITY	SC	1	1
PIEDMONT TECHNICAL COLLEGE	SC	2	2
PRESBYTERIAN COLLEGE	SC	14	11
SOUTH CAROLINA STATE UNIVERSITY	SC	4	2
TRI-COUNTY TECHNICAL COLLEGE	SC	2	2
TRIDENT TECHNICAL COLLEGE - CHARLESTON	SC	5	5
UNIVERSITY OF SOUTH CAROLINA - AIKEN	SC	4	4
UNIVERSITY OF SOUTH CAROLINA - BEAUFORT	SC	7	7
UNIVERSITY OF SOUTH CAROLINA - COLUMBIA	SC	154	131
UNIVERSITY OF SOUTH CAROLINA - LANCASTER	SC	2	2
UNIVERSITY OF SOUTH CAROLINA - SUMTER	SC	4	2
UNIVERSITY OF SOUTH CAROLINA - UPSTATE	SC	4	4
VOORHEES COLLEGE	SC	3	3
WINTHROP UNIVERSITY	SC	2	2
BLACK HILLS STATE UNIVERSITY	SD	1	0
MOUNT MARTY UNIVERSITY	SD	1	1
SOUTH DAKOTA STATE UNIVERSITY	SD	1	1
UNIVERSITY OF SOUTH DAKOTA - VERMILLION	SD	1	1
UNIVERSITY OF REGINA - REGINA	SK	1	1
UNIVERSITY OF SASKATCHEWAN - SASKATOON	SK	1	0
AUSTIN PEAY STATE UNIVERSITY	TN	10	8
BELMONT UNIVERSITY	TN	16	15
BETHEL COLLEGE - MCKENZIE	TN	2	1
BRYAN COLLEGE	TN	1	1
CARSON-NEWMAN UNIVERSITY	TN	6	5
CHRISTIAN BROTHERS UNIVERSITY	TN	2	2
COLUMBIA STATE COMMUNITY COLLEGE	TN	4	3
CONCORDE CAREER COLLEGE - MEMPHIS, TN	TN	1	0
DYERSBURG STATE COMMUNITY COLLEGE	TN	1	0
EAST TENNESSEE STATE UNIVERSITY	TN	34	24
FISK UNIVERSITY	TN	1	1
FREED-HARDEMAN UNIVERSITY	TN	3	3
JACKSON STATE COMMUNITY COLLEGE	TN	4	4
KING COLLEGE	TN	1	1
LEE UNIVERSITY	TN	1	1
LINCOLN MEMORIAL UNIVERSITY	TN	4	4
LIPSCOMB UNIVERSITY	TN	11	9

MARYVILLE COLLEGE	TN	1	1
MIDDLE TENNESSEE STATE UNIVERSITY	TN	26	21
MILLIGAN UNIVERSITY	TN	1	1
MOTLOW STATE COMMUNITY COLLEGE	TN	1	0
NASHVILLE STATE COMMUNITY COLLEGE	TN	17	9
NORTHEAST STATE TECHNICAL COMMUNITY COLLEGE	TN	3	2
PELLISSIPPI STATE TECHNICAL COMMUNITY COLLEGE	TN	7	6
RHODES COLLEGE	TN	3	3
SOUTH COLLEGE - KNOXVILLE	TN	16	13
SOUTHERN ADVENTIST UNIVERSITY	TN	5	5
SOUTHWEST TENNESSEE COMMUNITY COLLEGE - MACON CAMPUS	TN	1	1
SOUTHWEST TENNESSEE COMMUNITY COLLEGE - UNION CAMPUS	TN	1	0
TENNESSEE STATE UNIVERSITY	TN	19	13
TENNESSEE TECHNOLOGICAL UNIVERSITY	TN	13	13
TENNESSEE WESLEYAN COLLEGE	TN	3	3
UNION UNIVERSITY	TN	15	15
UNIVERSITY OF MEMPHIS	TN	29	22
UNIVERSITY OF TENNESSEE - CHATTANOOGA	TN	14	13
UNIVERSITY OF TENNESSEE - KNOXVILLE	TN	49	47
UNIVERSITY OF TENNESSEE - MARTIN	TN	8	7
VANDERBILT UNIVERSITY	TN	2	2
VOLUNTEER STATE COMMUNITY COLLEGE	TN	2	2
WALTERS STATE COMMUNITY COLLEGE	TN	4	3
ABILENE CHRISTIAN UNIVERSITY	TX	2	1
AMARILLO COLLEGE	TX	6	5
ANGELO STATE UNIVERSITY	TX	2	2
AUSTIN COLLEGE	TX	3	1
AUSTIN COMMUNITY COLLEGE	TX	6	5
BAYLOR UNIVERSITY	TX	19	17
BLINN COLLEGE	TX	2	2
BROOKHAVEN COLLEGE	TX	2	1
CEDAR VALLEY COLLEGE	TX	2	2
CENTRAL TEXAS COLLEGE	TX	1	1
CHAMBERLAIN COLLEGE OF NURSING - HOUSTON (now Chamberlain University)	TX	1	1
CLARENDON COLLEGE	TX	1	1
COLLIN COUNTY COMMUNITY COLLEGE	TX	16	14
CONCORDIA UNIVERSITY - AUSTIN	TX	1	1
DEL MAR COLLEGE	TX	3	3
DEVRY UNIVERSITY - HOUSTON, TX	TX	1	1
EL CENTRO COLLEGE	TX	1	1
EL PASO COMMUNITY COLLEGE	TX	3	1
GALVESTON COLLEGE	TX	1	0
GRAYSON COUNTY COLLEGE	TX	1	1
HARDIN-SIMMONS UNIVERSITY	TX	2	2
HILL COLLEGE	TX	1	1
HOUSTON BAPTIST UNIVERSITY	TX	1	1
HOUSTON COMMUNITY COLLEGE	TX	45	36
HOWARD PAYNE UNIVERSITY	TX	1	1
HUSTON-TILLOTSON UNIVERSITY	TX	1	1
JACKSONVILLE COLLEGE	TX	0	0

JARVIS CHRISTIAN COLLEGE	TX	1	0
LAMAR STATE COLLEGE - ORANGE	TX	1	0
LAMAR STATE COLLEGE - PORT ARTHUR	TX	1	1
LAMAR UNIVERSITY	TX	7	6
LEE COLLEGE	TX	1	1
LONE STAR COLLEGE - CYFAIR	TX	5	4
LONE STAR COLLEGE - KINGWOOD	TX	2	1
LONE STAR COLLEGE - MONTGOMERY	TX	1	1
LONE STAR COLLEGE - NORTH HARRIS	TX	3	2
LONE STAR COLLEGE - TOMBALL	TX	1	1
LONE STAR COLLEGE - UNIVERSITY PARK	TX	3	3
LUBBOCK CHRISTIAN UNIVERSITY	TX	1	1
MCLENNAN COMMUNITY COLLEGE	TX	2	2
MIDWESTERN STATE UNIVERSITY	TX	1	1
MOUNTAIN VIEW COLLEGE	TX	1	0
NORTH CENTRAL TEXAS COLLEGE	TX	2	1
NORTH LAKE COLLEGE	TX	9	7
NORTHEAST TEXAS COMMUNITY COLLEGE	TX	3	1
NORTHWEST VISTA COLLEGE - MAIN CAMPUS	TX	1	1
NORTHWEST VISTA COLLEGE - SAN ANTONIO	TX	4	2
ODESSA COLLEGE	TX	1	1
OUR LADY OF THE LAKE UNIVERSITY	TX	2	2
PALO ALTO COLLEGE	TX	3	3
PAUL QUINN COLLEGE	TX	1	0
PRAIRIE VIEW A&M UNIVERSITY	TX	8	7
RICE UNIVERSITY	TX	2	2
RICHLAND COLLEGE	TX	13	8
SAINT EDWARD'S UNIVERSITY	TX	1	1
SAINT MARY'S UNIVERSITY (TX)	TX	4	4
SAINT PHILIP'S COLLEGE	TX	4	3
SAM HOUSTON STATE UNIVERSITY	TX	2	1
SAN ANTONIO COLLEGE	TX	4	1
SAN JACINTO COLLEGE	TX	10	7
SCHREINER UNIVERSITY	TX	1	1
SOUTH PLAINS COLLEGE	TX	3	2
SOUTH TEXAS COLLEGE	TX	7	6
SOUTHERN METHODIST UNIVERSITY	TX	1	1
SOUTHWESTERN UNIVERSITY	TX	4	3
STEPHEN F. AUSTIN STATE UNIVERSITY	TX	3	2
TARLETON STATE UNIVERSITY	TX	4	4
TARRANT COUNTY COLLEGE - NORTHEAST	TX	5	4
TARRANT COUNTY COLLEGE - NORTHWEST	TX	3	1
TARRANT COUNTY COLLEGE - SOUTH	TX	2	2
TARRANT COUNTY COLLEGE - SOUTHEAST	TX	8	6
TARRANT COUNTY COLLEGE - TRINITY RIVER	TX	1	1
TEXAS A&M INTERNATIONAL UNIVERSITY	TX	4	4
TEXAS A&M UNIVERSITY - COLLEGE STATION (Main Campus)	TX	58	56
TEXAS A&M UNIVERSITY - COMMERCE	TX	3	3
TEXAS A&M UNIVERSITY - CORPUS CHRISTI	TX	13	10
TEXAS A&M UNIVERSITY - KINGSVILLE	TX	31	25



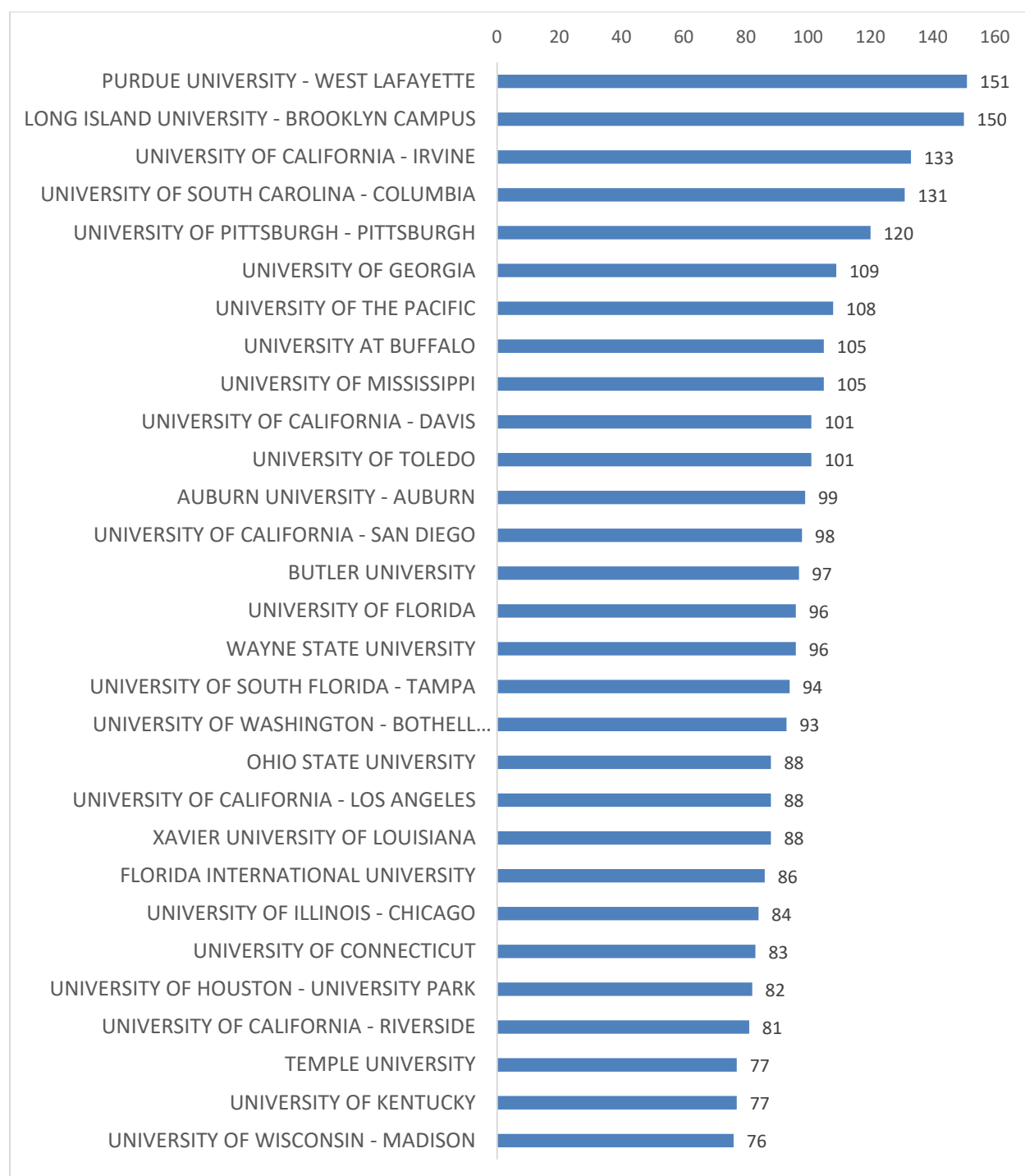
TEXAS A&M UNIVERSITY - SAN ANTONIO	TX	3	2
TEXAS A&M UNIVERSITY - TEXARKANA	TX	2	2
TEXAS CHRISTIAN UNIVERSITY	TX	3	3
TEXAS COLLEGE	TX	1	1
TEXAS LUTHERAN UNIVERSITY	TX	2	2
TEXAS SOUTHERN UNIVERSITY	TX	60	51
TEXAS STATE UNIVERSITY - SAN MARCOS	TX	13	12
TEXAS TECH UNIVERSITY	TX	45	41
TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	1	1
TEXAS WESLEYAN UNIVERSITY	TX	1	1
TEXAS WOMAN'S UNIVERSITY	TX	6	4
TRINITY UNIVERSITY (TX)	TX	2	2
TRINITY VALLEY COMMUNITY COLLEGE	TX	4	2
TYLER JUNIOR COLLEGE	TX	4	4
UNIVERSITY OF DALLAS	TX	1	1
UNIVERSITY OF HOUSTON - CLEAR LAKE	TX	8	7
UNIVERSITY OF HOUSTON - DOWNTOWN	TX	6	4
UNIVERSITY OF HOUSTON - UNIVERSITY PARK	TX	92	82
UNIVERSITY OF HOUSTON - VICTORIA	TX	2	1
UNIVERSITY OF MARY HARDIN-BAYLOR	TX	1	1
UNIVERSITY OF NORTH TEXAS	TX	47	38
UNIVERSITY OF SAINT THOMAS (TX)	TX	1	1
UNIVERSITY OF TEXAS - ARLINGTON	TX	28	20
UNIVERSITY OF TEXAS - AUSTIN	TX	75	69
UNIVERSITY OF TEXAS - DALLAS	TX	40	35
UNIVERSITY OF TEXAS - EL PASO	TX	69	63
UNIVERSITY OF TEXAS - PAN AMERICAN	TX	1	1
UNIVERSITY OF TEXAS - SAN ANTONIO	TX	34	33
UNIVERSITY OF TEXAS - TYLER	TX	19	14
UNIVERSITY OF TEXAS OF THE PERMIAN BASIN	TX	5	4
UNIVERSITY OF TEXAS RIO GRANDE VALLEY	TX	24	21
UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER - DALLAS	TX	1	1
UNIVERSITY OF THE INCARNATE WORD	TX	31	29
WEATHERFORD COLLEGE	TX	2	1
WEST TEXAS A&M UNIVERSITY	TX	9	9
WHARTON COUNTY JUNIOR COLLEGE	TX	3	3
WILEY COLLEGE	TX	1	1
BRIGHAM YOUNG UNIVERSITY	UT	21	20
DIXIE STATE UNIVERSITY OF UTAH	UT	12	11
SALT LAKE COMMUNITY COLLEGE	UT	12	10
SNOW COLLEGE - EPHRAIM	UT	1	0
SOUTHERN UTAH UNIVERSITY	UT	6	6
UNIVERSITY OF UTAH	UT	32	30
UTAH STATE UNIVERSITY	UT	18	16
UTAH VALLEY UNIVERSITY	UT	11	10
WEBER STATE UNIVERSITY	UT	8	7
WESTERN GOVERNORS UNIVERSITY	UT	2	2
WESTMINSTER COLLEGE (UT)	UT	1	1
BLUE RIDGE COMMUNITY COLLEGE - WEYERS CAVE	VA	1	1
BRIDGEWATER COLLEGE	VA	3	3

CHRISTOPHER NEWPORT UNIVERSITY	VA	7	6
COLLEGE OF WILLIAM AND MARY	VA	6	6
EASTERN MENNONITE UNIVERSITY	VA	1	0
EASTERN SHORE COMMUNITY COLLEGE	VA	1	0
EMORY AND HENRY COLLEGE	VA	3	3
FERRUM COLLEGE	VA	1	1
GEORGE MASON UNIVERSITY	VA	22	20
HAMPTON UNIVERSITY	VA	17	14
J. SARGEANT REYNOLDS COMMUNITY COLLEGE	VA	3	3
JAMES MADISON UNIVERSITY	VA	14	13
LIBERTY UNIVERSITY	VA	2	2
LONGWOOD UNIVERSITY	VA	3	2
LORD FAIRFAX COMMUNITY COLLEGE	VA	1	0
NEW RIVER COMMUNITY COLLEGE	VA	0	0
NORFOLK STATE UNIVERSITY	VA	3	2
NORTHERN VIRGINIA COMMUNITY COLLEGE	VA	23	18
OLD DOMINION UNIVERSITY	VA	16	15
RADFORD UNIVERSITY	VA	3	3
RANDOLPH COLLEGE	VA	1	1
RANDOLPH-MACON COLLEGE	VA	2	1
RICHARD BLAND COLLEGE OF WILLIAM AND MARY	VA	1	1
ROANOKE COLLEGE	VA	1	1
SHENANDOAH UNIVERSITY	VA	2	1
SOUTHERN VIRGINIA UNIVERSITY	VA	1	1
SOUTHWEST VIRGINIA COMMUNITY COLLEGE	VA	5	5
TIDEWATER COMMUNITY COLLEGE	VA	3	3
UNIVERSITY OF MARY WASHINGTON	VA	4	3
UNIVERSITY OF RICHMOND	VA	2	2
UNIVERSITY OF VIRGINIA - CHARLOTTESVILLE	VA	13	13
VIRGINIA COMMONWEALTH UNIVERSITY	VA	36	30
VIRGINIA HIGHLANDS COMMUNITY COLLEGE	VA	3	2
VIRGINIA MILITARY INSTITUTE	VA	1	1
VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	VA	17	16
VIRGINIA STATE UNIVERSITY	VA	3	2
VIRGINIA UNION UNIVERSITY	VA	2	1
WASHINGTON AND LEE UNIVERSITY	VA	2	2
WYTHEVILLE COMMUNITY COLLEGE	VA	1	1
UNIVERSITY OF THE VIRGIN ISLANDS - SAINT THOMAS	VI	4	4
CASTLETON STATE COLLEGE	VT	1	1
CHAMPLAIN COLLEGE	VT	1	1
LYNDON STATE COLLEGE	VT	1	1
NORWICH UNIVERSITY	VT	1	1
SAINT MICHAEL'S COLLEGE	VT	5	4
UNIVERSITY OF VERMONT	VT	5	5
BELLEVUE COLLEGE	WA	7	5
CENTRAL WASHINGTON UNIVERSITY	WA	4	3
CLARK COLLEGE	WA	3	3
EASTERN WASHINGTON UNIVERSITY	WA	14	14
EVERETT COMMUNITY COLLEGE	WA	2	1
EVERGREEN STATE COLLEGE	WA	1	1

GONZAGA UNIVERSITY	WA	1	1
GREEN RIVER COMMUNITY COLLEGE	WA	1	1
HERITAGE UNIVERSITY	WA	1	1
HIGHLINE COMMUNITY COLLEGE	WA	5	5
LOWER COLUMBIA COLLEGE	WA	1	1
NORTH SEATTLE COMMUNITY COLLEGE	WA	2	2
OLYMPIC COLLEGE	WA	6	5
PACIFIC LUTHERAN UNIVERSITY	WA	6	6
PIERCE COLLEGE - LAKEWOOD	WA	4	4
SEATTLE CENTRAL COMMUNITY COLLEGE	WA	1	1
SEATTLE PACIFIC UNIVERSITY	WA	4	4
SEATTLE UNIVERSITY	WA	2	2
SHORELINE COMMUNITY COLLEGE	WA	1	1
SOUTH SEATTLE COMMUNITY COLLEGE	WA	2	1
SPOKANE COMMUNITY COLLEGE	WA	6	6
SPOKANE FALLS COMMUNITY COLLEGE	WA	1	1
TACOMA COMMUNITY COLLEGE	WA	2	2
UNIVERSITY OF WASHINGTON - BOTHELL /SEATTLE /TACOMA	WA	106	93
WALLA WALLA UNIVERSITY	WA	2	2
WASHINGTON STATE UNIVERSITY - PULLMAN/SPOKANE/TRI CITIES/VANCOUVER	WA	42	38
WESTERN WASHINGTON UNIVERSITY	WA	9	9
WHATCOM COMMUNITY COLLEGE	WA	2	1
WHITMAN COLLEGE	WA	1	1
WHITWORTH UNIVERSITY	WA	3	3
YAKIMA VALLEY COMMUNITY COLLEGE	WA	1	1
ALVERNO COLLEGE	WI	1	1
BELOIT COLLEGE	WI	1	1
CARDINAL STRITCH UNIVERSITY	WI	2	1
CARROLL UNIVERSITY - WAUKESHA	WI	4	4
CARTHAGE COLLEGE	WI	3	3
CONCORDIA UNIVERSITY - WISCONSIN	WI	25	23
EDGEWOOD COLLEGE	WI	2	2
MADISON AREA TECHNICAL COLLEGE	WI	1	1
MADISON COLLEGE	WI	1	1
MARANATHA BAPTIST BIBLE COLLEGE	WI	1	1
MARQUETTE UNIVERSITY	WI	10	7
MILWAUKEE AREA TECHNICAL COLLEGE	WI	2	2
SAINT NORBERT COLLEGE	WI	2	2
UNIVERSITY OF WISCONSIN - EAU CLAIRE	WI	11	11
UNIVERSITY OF WISCONSIN - GREEN BAY	WI	3	3
UNIVERSITY OF WISCONSIN - LA CROSSE	WI	6	6
UNIVERSITY OF WISCONSIN - MADISON	WI	84	76
UNIVERSITY OF WISCONSIN - MILWAUKEE	WI	18	17
UNIVERSITY OF WISCONSIN - OSHKOSH	WI	8	6
UNIVERSITY OF WISCONSIN - PARKSIDE	WI	10	9
UNIVERSITY OF WISCONSIN - PLATTEVILLE	WI	4	3
UNIVERSITY OF WISCONSIN - RIVER FALLS	WI	4	4
UNIVERSITY OF WISCONSIN - STEVENS POINT	WI	6	6
UNIVERSITY OF WISCONSIN - WASHINGTON COUNTY	WI	1	1
UNIVERSITY OF WISCONSIN - WHITEWATER	WI	4	4

WISCONSIN LUTHERAN COLLEGE	WI	1	0
ALDERSON-BROADDUS COLLEGE	WV	1	1
BLUEFIELD STATE COLLEGE	WV	2	2
CONCORD UNIVERSITY	WV	5	4
FAIRMONT STATE UNIVERSITY	WV	3	1
GLENVILLE STATE COLLEGE	WV	1	0
MARSHALL UNIVERSITY	WV	44	41
PIERPONT COMMUNITY AND TECHNICAL COLLEGE	WV	1	1
POTOMAC STATE COLLEGE OF WEST VIRGINIA UNIVERSITY	WV	1	1
SHEPHERD UNIVERSITY	WV	6	6
UNIVERSITY OF CHARLESTON	WV	12	12
WEST VIRGINIA UNIVERSITY - MORGANTOWN	WV	50	50
WEST VIRGINIA UNIVERSITY INSTITUTE OF TECHNOLOGY	WV	4	4
WEST VIRGINIA WESLEYAN COLLEGE	WV	2	1
UNIVERSITY OF WYOMING	WY	32	31
NON-US/CANADIAN (FOREIGN) INSTITUTION		87	67
NOT LISTED US INSTITUTION		38	33

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

**Figure 48: 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 \$79,000 in the 2019-2020 admissions cycle. AACP could support a maximum of 451 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 one PharmCAS program for free, and may choose to apply to additional program for an incremental fee of \$55 for each. A fee waiver was denied or voided if the applicant did not follow the fee waiver instructions, exceeded the income threshold, or did not submit the application within 14 days after the waiver was approved.

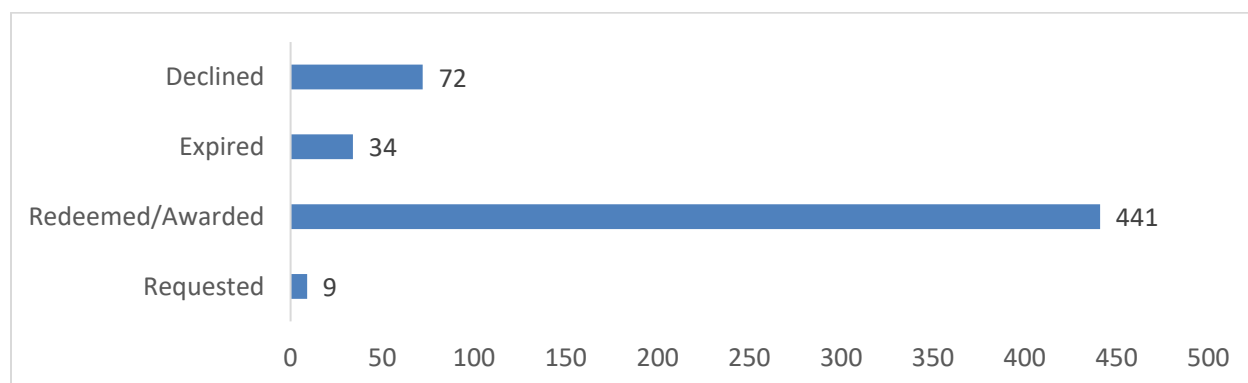
Fee Waiver Statuses:

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

**Figure 49: PharmCAS Fee Waiver Summary**

REQUESTED	DECLINED	APPROVED		Total # of Fee Waiver Requests RECEIVED
		Redeemed/Awarded	Expired/Not Redeemed	
9	72	441	34	556

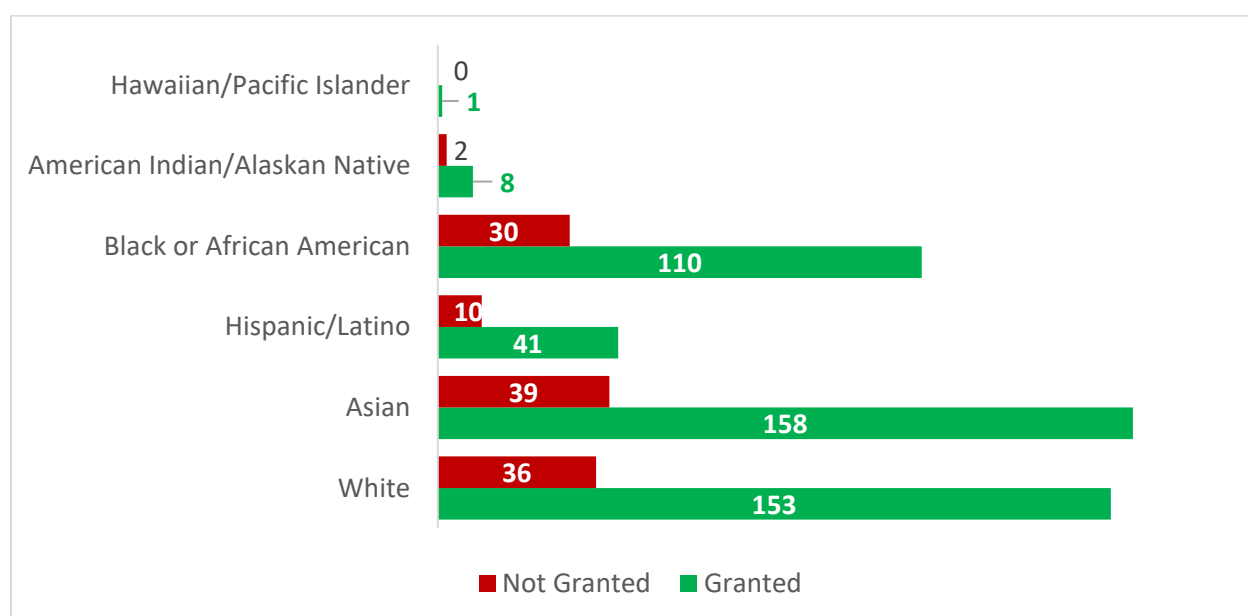
**Figure 50: PharmCAS Fee Waiver Requests and Actions**



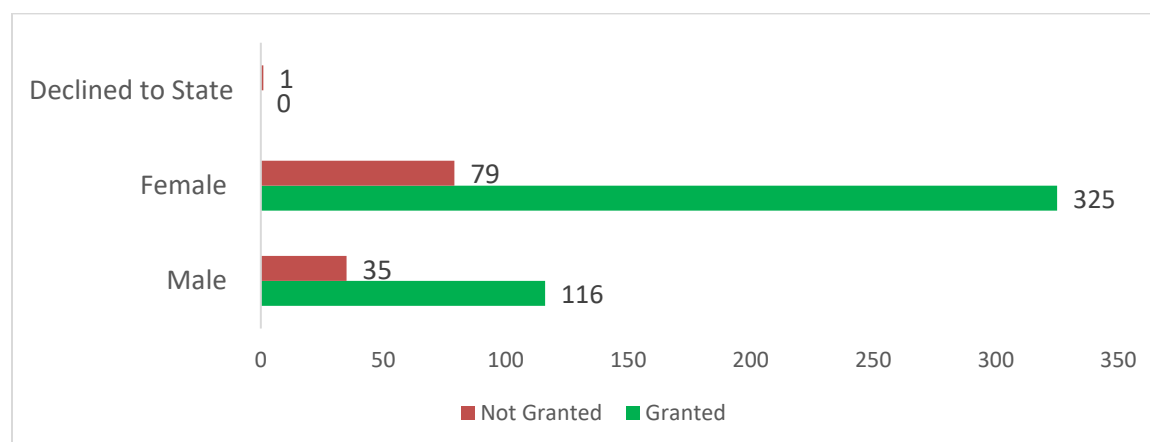
**Figure 51: PharmCAS Fee Waiver and Early Decision Status**

Fee Waiver Status	Applied Early Decision	Applied Early Decision but Returned to Regular Pool	Not Early Decision
Granted	111	45	285
Not Granted	16	6	93
TOTAL	127	51	378

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

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

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

**Figure 53: PharmCAS Fee Waiver Status by Sex**

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

**Figure 54: PharmCAS Fee Waiver Status by Disadvantaged Status**

Fee Waiver Status	Environmentally Disadvantaged	Economically Disadvantaged	Both Environmentally and Economically Disadvantaged	Not Disadvantaged
Granted	91	20	294	36
Not Granted	26	6	58	25
TOTAL	117	26	352	61

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



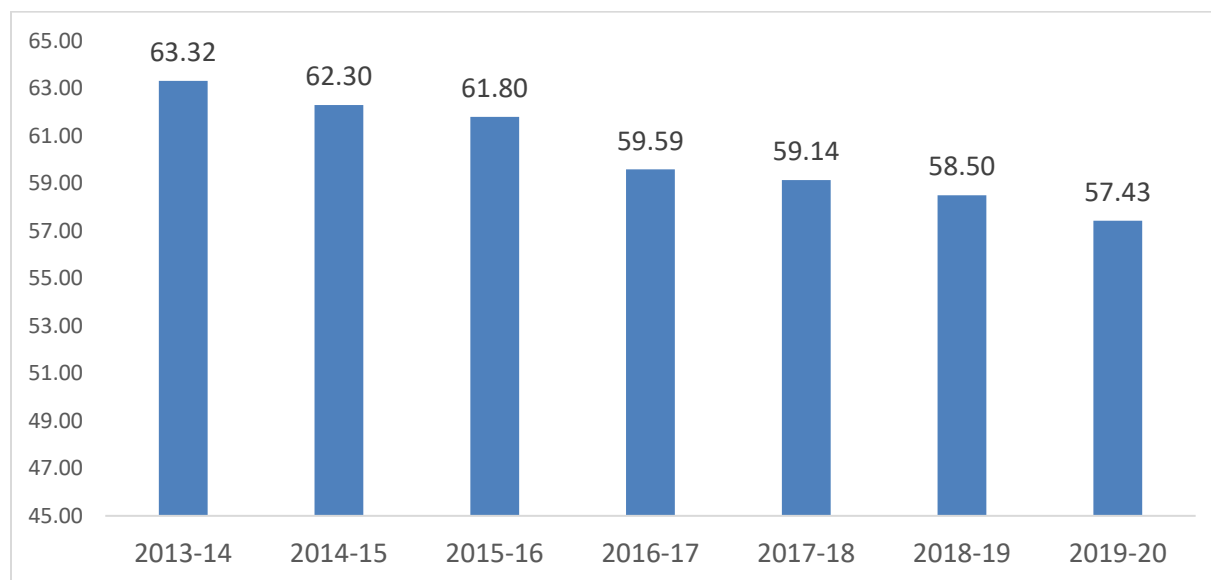
## OFFICIAL PCAT SCORES

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

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

Highest PCAT Scores	All Applicants	Accepted Applicants
Biological Processes	411.67	413.24
Biological Processes Percentile	55.09	57.26
Chemical Processes	413.43	415.03
Chemical Processes Percentile	57.46	59.54
Quantitative Reasoning	406.46	407.62
Quantitative Reasoning Percentile	56.47	58.16
Composite Score	407.01	408.42
Composite Score Percentile	55.11	57.43
Writing	2.79	2.83

**Figure 56: PCAT Composite Percentiles for Accepted PharmCAS Applicants (2014-2020)**



**Figure 57: PCAT Test Takers by Cycle (2004-2020)**

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

**Figure 58: Number of Schools with PCAT Requirement (2008-2020)**

Year	Total # of Pharmacy Schools	# of Schools with PCAT Requirement
2007-2008	111	65
2008-2009	116	73
2009-2010	120	85
2010-2011	124	91
2011-2012	129	95
2012-2013	130	100
2013-2014	133	99
2014-2015	135	105
2015-2016	138	107
2016-2017	142	108
2017-2018	143	109
2018-2019	143	95
2019-2020	144	77

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

## Regional

Figure 59: PharmCAS Submitted Applicants by Program Type and District (18-19 vs 19-20)

2018-19 & 2019-20	Mean # of Submitted Applicants Per Program		% Change in Submitted Applicants per Program		% of Programs with Increase	% of Programs with Decrease	% of Programs with No Change	Median # of Submitted Applicants Per Program		Range in # of Submitted Applicants Per Program		Total # of Apps
	2019	2020	Mean	Range				2019	2020	2019	2020	
All	331.0	272.9	-17.6%	-70% to +61%	11.3%	87.9%	0.8%	302	256	61 to 876	23 to 791	36292
Public	307.6	256.6	-16.6%	-43% to +23%	11.1%	88.9%	0.0%	276	235	78 to 644	73 to 544	16165
Private	352.1	287.5	-18.3%	-70% to +61%	11.4%	87.2%	1.4%	324	274	61 to 876	23 to 791	20127
Districts 1 & 2	323.6	274.4	-15.2%	-70% to +61%	20.6%	76.5%	2.9%	278	245	75 to 708	23 to 544	9330
District 3	363.8	295.3	-18.8%	-43% to +9%	6.9%	93.1%	0.0%	324	283	128 to 876	109 to 791	8565
District 4	302.7	243.5	-19.5%	-40% to +8%	14.3%	85.7%	0.0%	286	228	61 to 532	63 to 468	5114
Districts 5, 6, 7	269.6	225.0	-16.5%	-38% to +9%	3.6%	96.4%	0.0%	255	212	78 to 609	67 to 464	6300
District 8	408.2	332.5	-18.5%	-34% to +23%	9.5%	90.5%	0.0%	411	320	116 to 709	92 to 544	6983

Percentages reflect **Submitted** application data for the 2018-2019 and 2019-2020 cycles for pharmacy schools that participated in PharmCAS during both. Programs new to PharmCAS in 2019-2020 were excluded. Submitted" data represents applications with the following PharmCAS statuses: received, completed, and verified. All other tables in the PharmCAS Applicant Data Report reflect applications with Verified status. Therefore, this tables differ from others in this report. The districts reflect the regional groups for the National Association of Boards of Pharmacy ([NABP](#)). Non-U.S. locations in NABP districts were omitted.

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