

# 2020-2021

# PharmGrad Applicant Data Report

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2020-2021 Admissions Cycle  
for the 2021 Entering Class



PharmGrad  
Pharmacy Graduate Application Service

AAACP

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## INSTITUTIONS PARTICIPATING IN PHARMGRAD: 2020-2021

The 2020-2021 PharmGrad Applicant Data Report was developed by the American Association of Colleges of Pharmacy and reflects data for 10 schools and 22 graduate pharmaceutical education (MS/PhD) programs that participated in PharmGrad during its 6<sup>th</sup> admissions cycle. “Schools” in this report refers to the colleges and schools of pharmacy that participated in PharmGrad. “Programs” refer to graduate pharmaceutical degree and certificate programs that utilized PharmGrad. Participation changes during the 2021-2022 cycle are not reflected below, nor included in this report. For a current list of participating programs, please visit the PharmGrad website at [www.pharmgrad.org/](http://www.pharmgrad.org/).

*\* Indicates new institutions in PharmGrad during the 2020-2021 admissions cycle.*

Institution	# of PharmGrad Programs 2020-21
Albany College of Pharmacy and Health Sciences	2
California Northstate University	1
Chapman University	4
Keck Graduate Institute	2
Manchester University	3
Mercer University	2
Nova Southeastern University	3
University of Louisiana Monroe	1
University of Pittsburgh	3
Western New England University	1
<b>TOTAL # of PharmGrad PROGRAMS</b>	<b>22</b>
<b>TOTAL # of PharmGrad SCHOOLS</b>	<b>10</b>

## OVERALL APPLICANT AND APPLICATION TRENDS

The 2020-2021 PharmGrad Applicant Data Report reflects 422 applicants with verified application status who applied via the Pharmacy Graduate Application Service (PharmGrad) during the 2020-2021 (6<sup>th</sup>) admissions cycle. Applicants with Submitted status sent a total of 463 applications to 10 colleges and schools of pharmacy and 22 programs that participated in PharmGrad.

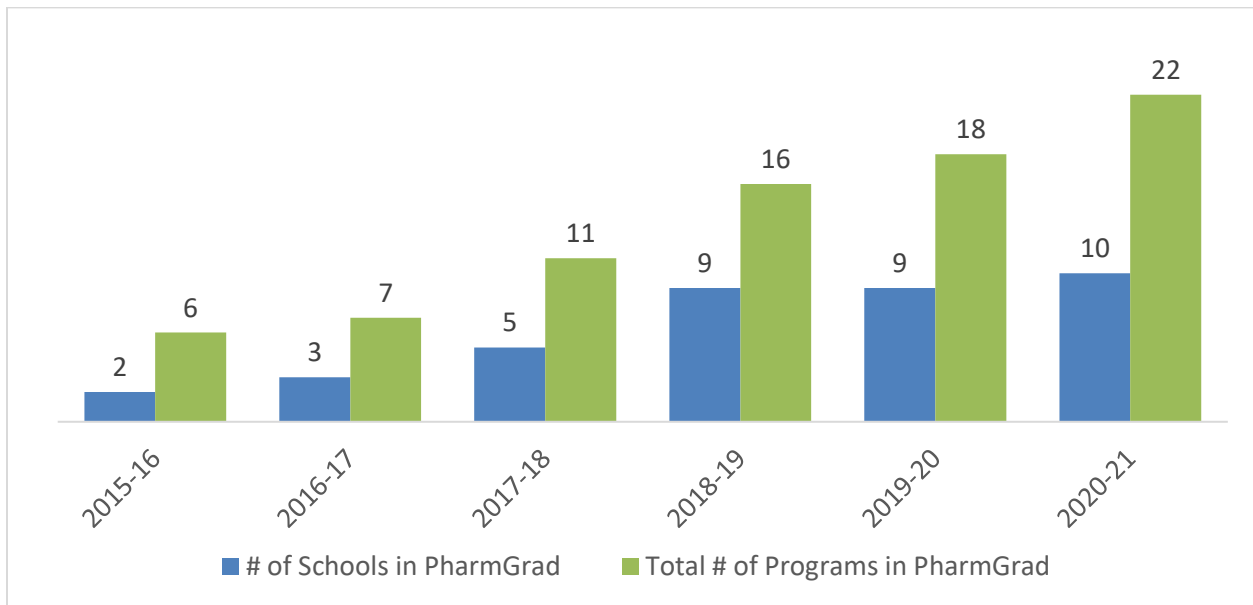
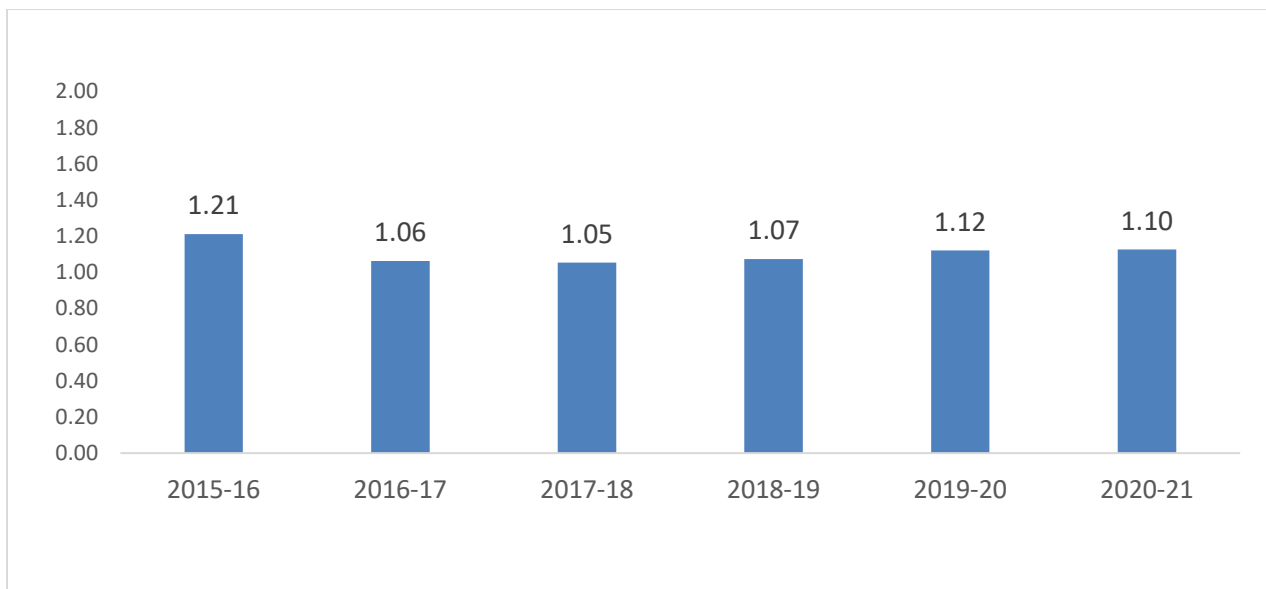
The PharmGrad Applicant Data Report differs from the annual PharmCAS Applicant Data Report in several ways. Firstly, the PharmGrad report refers to applicants with Submitted status, while the PharmCAS report refers to applicants with Verified status. The PharmGrad Applicant Data Report also provides fewer tables because the application fields and processing differ in the following ways:

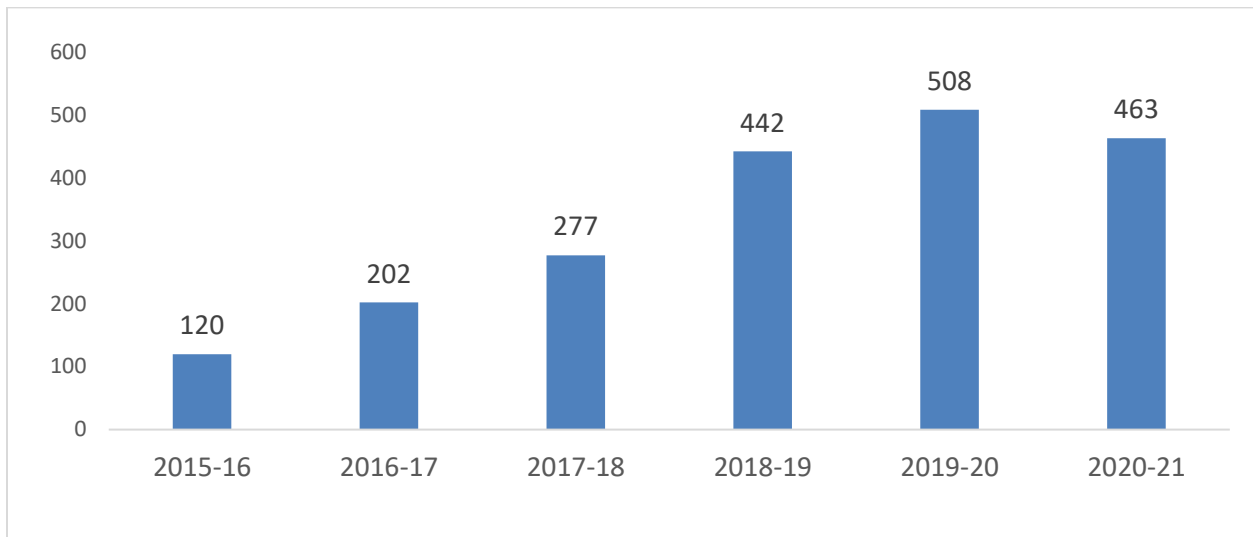
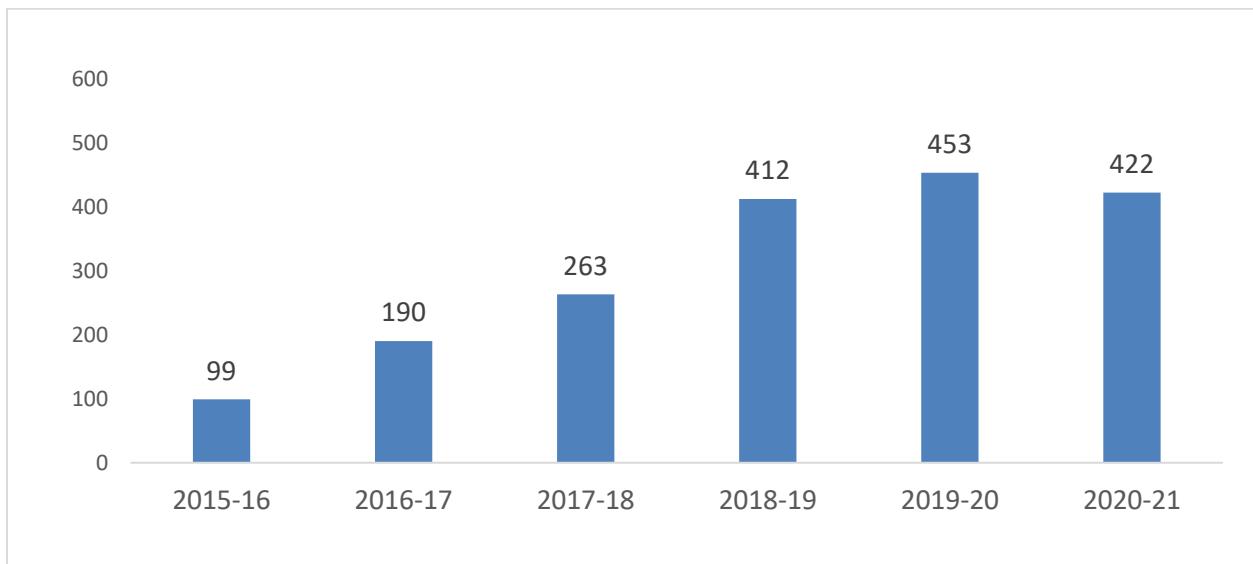
- No acceptance data is captured from PharmGrad programs.
- No disadvantaged fields are captured on the PharmGrad application.
- Full transcript verification is not available in PharmGrad.
- The PCAT is not required by PharmGrad programs.

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

**Figure 1: PharmGrad Participation, Applicant, and Application Trends (2016-2021)**

Cycle	# of Schools in PharmGrad	# of Programs in PharmGrad	# of PharmGrad Applications	% Change	# of PharmGrad Applicants	% Change	Applications to Applicant Ratio
2015-16	2	6	120		99		1.21
2016-17	3	7	202	68.3%	190	91.9%	1.06
2017-18	5	11	277	37.1%	263	38.4%	1.05
2018-19	9	16	442	59.6%	412	56.7%	1.07
2019-20	9	18	508	14.9%	453	10.0%	1.12
2020-21	10	22	463	-8.9%	422	-6.8%	1.10

**Figure 2: Number of Schools and Programs Participating in PharmGrad (2016-2021)****Figure 3: PharmGrad Applications per Applicant Ratio (2016-2021)**

**Figure 4: Total Number of PharmGrad Applications (2016-2021)****Figure 5: Total Number of PharmGrad Applicants (2016-2021)**

**Figure 6: PharmGrad Applications per Program (2016-2021)**

Cycle	# of Programs in PharmGrad	# of PharmGrad Applications	MEAN # of Applicants Per Program	MEDIAN # of Applicants Per Program	RANGE in # of Applicants Per Program
2015-16	6	120	555.8	N/A	N/A
2016-17	7	202	499.1	5	0 to 78
2017-18	11	277	25.2	6	0 to 66
2018-19	16	442	27.6	12	0 to 97
2019-20	18	508	28.2	14	1 to 104
2020-21	22	463	21.0	5	0 to 111

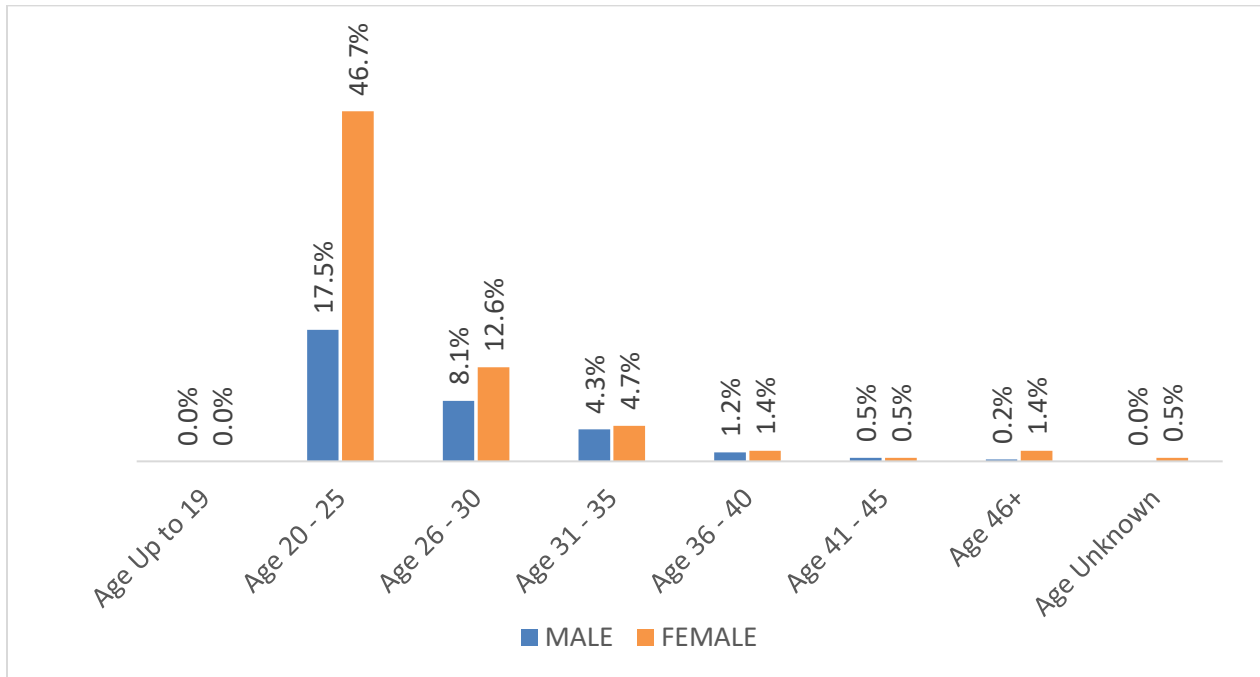
## AGE AND SEX

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

**Figure 7: PharmGrad Applicants by Age and Sex**

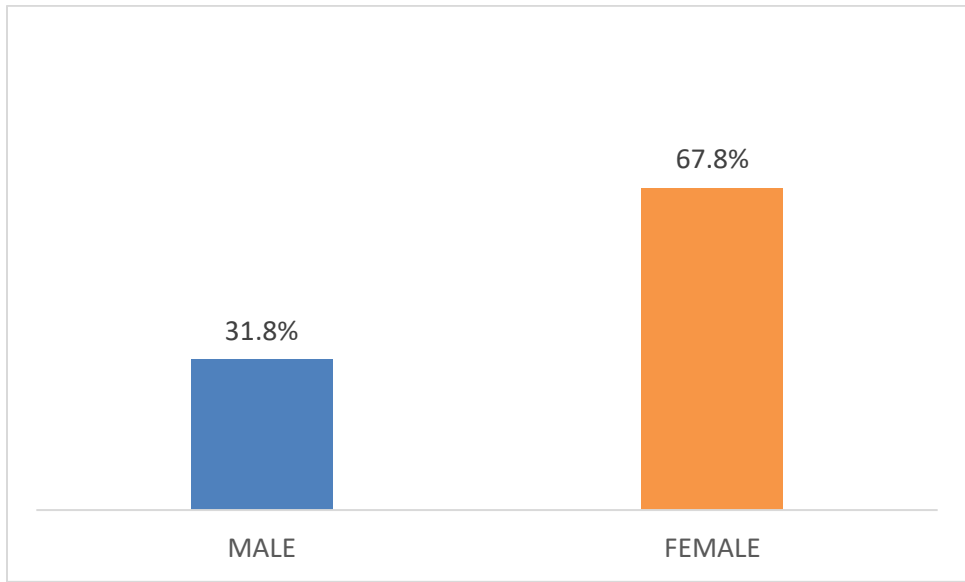
Age	MALE		FEMALE		DECLINE TO STATE		TOTAL	
	#	%	#	%	#	%	#	%
Age Up to 19	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Age 20 - 25	74	55.2%	197	68.9%	1	50.0%	272	64.5%
Age 26 - 30	34	25.4%	53	18.5%	0	0.0%	87	20.6%
Age 31 - 35	18	13.4%	20	7.0%	1	50.0%	39	9.2%
Age 36 - 40	5	3.7%	6	2.1%	0	0.0%	11	2.6%
Age 41 - 45	2	1.5%	2	0.7%	0	0.0%	4	0.9%
Age 46+	1	0.7%	6	2.1%	0	0.0%	7	1.7%
Age Unknown	0	0.0%	2	0.7%	0	0.0%	2	0.5%
<b>TOTAL</b>	<b>134</b>	<b>100%</b>	<b>286</b>	<b>100%</b>	<b>2</b>	<b>100%</b>	<b>422</b>	<b>100%</b>
<b>Mean</b>	26.52		25.2		27		26.49	
<b>Median</b>	25		23		27		24	
<b>Range</b>	21-68		20-60		27-33		20-68	

**Figure 8: Percentage of PharmGrad Applicants by Age and Sex**



\* The percentages in this graph were calculated based on the total number of applicants in the 2020-2021 pool. Applicants who declined to report an age on the PharmGrad application are reported as “Age Unknown”. Applicants who declined to report a sex are not represented in this graph.

**Figure 9: Percentage of PharmGrad Applicants by Sex**

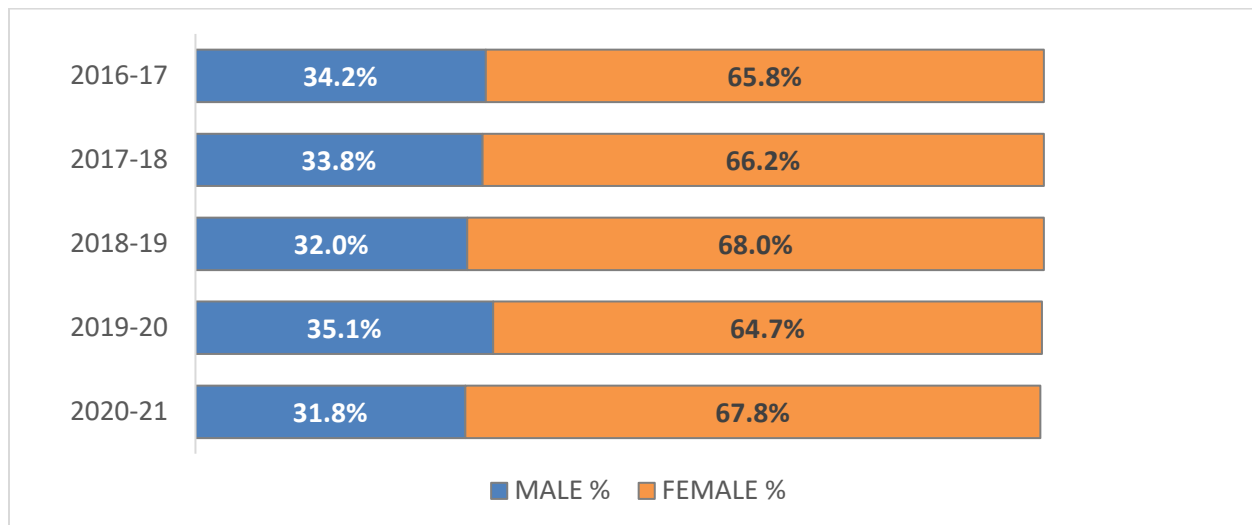




**Figure 10: PharmGrad Applicants by Sex per Cycle (2017-2021)**

Cycle	Male	% of Total Pool	Female	% of Total Pool	Decline to State	% of Total Pool	Total
2016-17	65	34.2%	125	65.8%	0	0.0%	190
2017-18	89	33.8%	174	66.2%	0	0.0%	263
2018-19	132	32.0%	280	68.0%	0	0.0%	412
2019-20	159	35.1%	293	64.7%	1	0.2%	453
2020-21	134	31.8%	286	67.8%	2	0.5%	422

\* Data is not available for the 2015-2016 cycle

**Figure 11: Percentage of PharmGrad Applicants by Sex per Cycle (2017-2021)**

## RACE/ETHNICITY

Programs in PharmGrad 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.

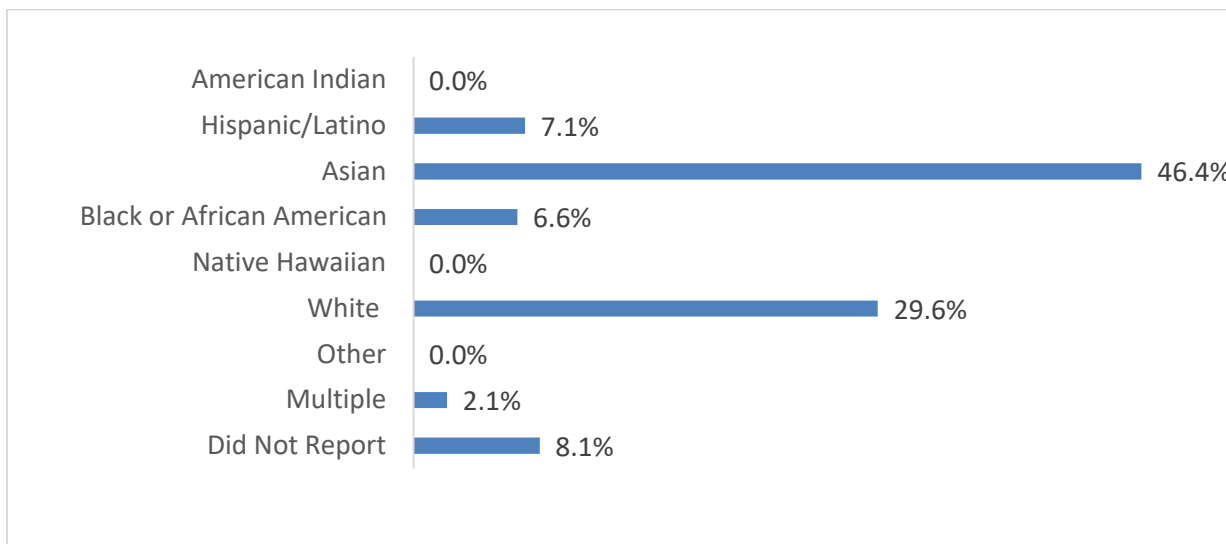
Per the application, the “American Indian” category is inclusive of individuals who identify as “Alaska Native”. “Native Hawaiian” is inclusive of individuals who identify as “Other Pacific Islander”.

**Figure 12: PharmGrad Applicants by Race/Ethnicity and Sex**

RACE/ETHNICITY	2020-2021 Applicants in PharmGrad							
	MALE		FEMALE		UNKNOWN		TOTAL	
	#	%	#	%	#	%	#	%
American Indian	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Hispanic/Latino	11	8.21%	18	6.29%	1	50.00%	30	7.11%
Asian	66	49.25%	130	45.45%	0	0.00%	196	46.45%
Black or African American	11	8.21%	17	5.94%	0	0.00%	28	6.64%
Native Hawaiian	0	0.00%	0	0.00%	0	0.00%	0	0.00%
White	32	23.88%	92	32.17%	1	50.00%	125	29.62%
Other	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Multiple	0	0.00%	9	3.15%	0	0.00%	9	2.13%
Did Not Report	14	10.45%	20	6.99%	0	0.00%	34	8.06%
<b>TOTAL</b>	<b>134</b>	<b>100%</b>	<b>286</b>	<b>100%</b>	<b>2</b>	<b>100%</b>	<b>422</b>	<b>100%</b>

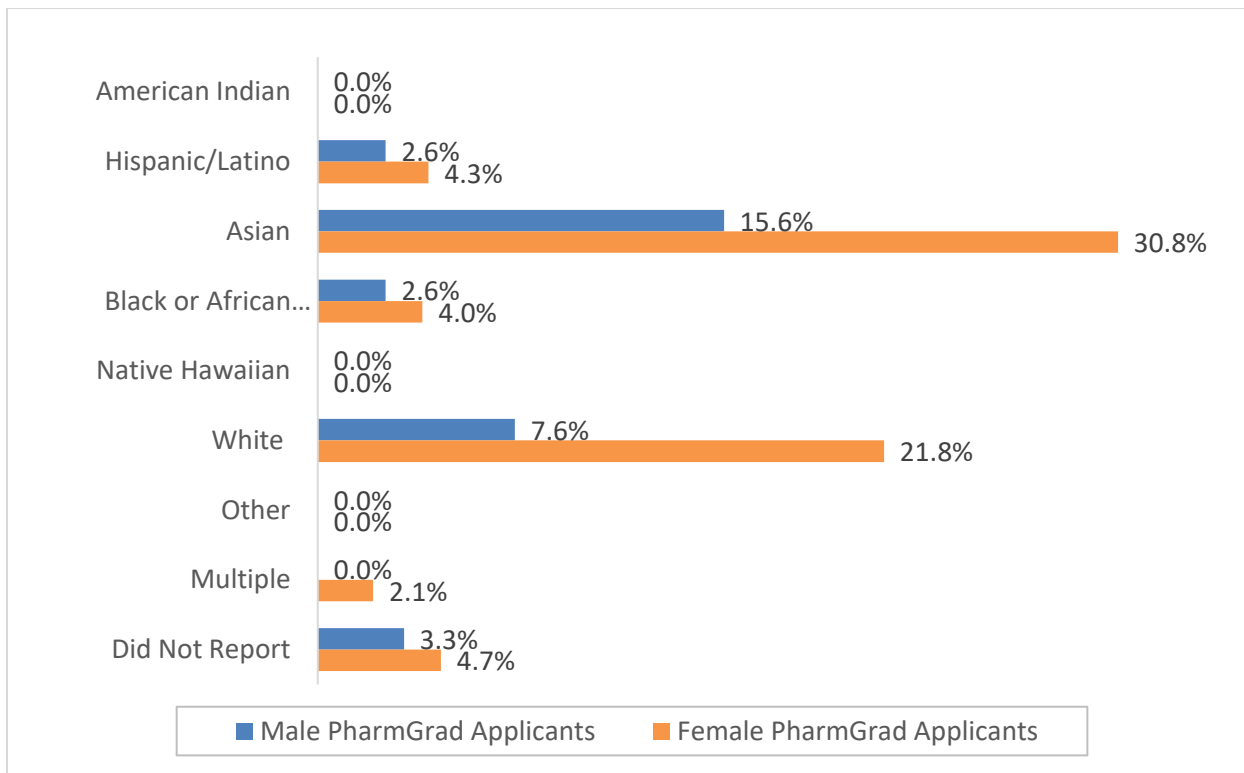
*\*Race/ethnicity categories in table are mutually exclusive. Each applicant is represented in only one category.*

**Figure 13: PharmGrad Applicants by Race/Ethnicity**



\* Percentages were calculated based on the total number of applicants in the pool. Race/ethnicity categories in table are mutually exclusive and reflect data in Figure 12.

**Figure 14: Percentage of PharmGrad Applicants by Race/Ethnicity and Sex**

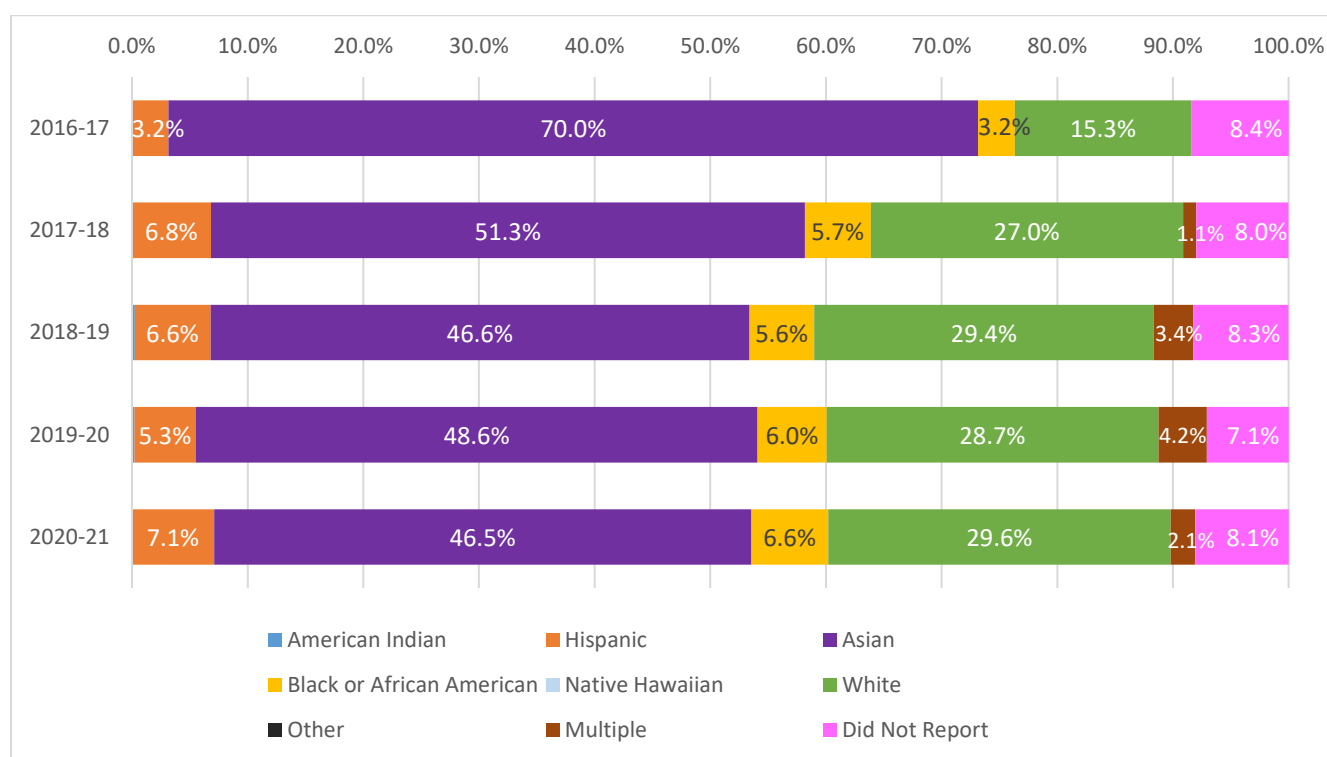


\* Percentages in the graphs above were calculated based on the total number of applicants in each pool (all and accepted). Race/ethnicity categories in table are mutually exclusive.

**Figure 15: PharmGrad Applicants by Race/Ethnicity per Cycle (2017-2021)**

Cycle	American Indian	Hispanic/Latino	Asian	Black/African American	Native Hawaiian	White	Other	Multiple	Did Not Report
2016-17	0.00%	3.16%	70.00%	3.16%	0.00%	15.26%	0.00%	0.00%	8.42%
2017-18	0.00%	6.84%	51.33%	5.70%	0.00%	27.00%	0.00%	1.14%	7.98%
2018-19	0.24%	6.55%	46.60%	5.58%	0.00%	29.37%	0.00%	3.40%	8.25%
2019-20	0.22%	5.30%	48.57%	5.96%	0.00%	28.70%	0.00%	4.19%	7.06%
2020-21	0.00%	7.1%	46.45%	6.64%	0.00%	29.62%	0.00%	2.13%	8.06%

\* Percentages were calculated based on the total number of PharmGrad applicants in the pool. Race/ethnicity categories in the table are mutually exclusive. The 2020-2021 data can also be found in Figure 12. Race/ethnicity data for the 2015-2016 cycle is not available.

**Figure 16: Percentage of PharmGrad Applicants by Race/Ethnicity per Cycle (2017-2021)**

\* Percentages were calculated based on the total number of PharmGrad applicants in the pool. Race/ethnicity categories in the table are mutually exclusive. Trend data is also available in Figure 15. The 2020-2021 data can also be found in Figure 12.

**Figure 17: PharmGrad 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 PharmGrad applicants in the pool.

RACE/ETHNICITY DESIGNATIONS	PharmGrad Applicants	
	#	%
American Indian	2	0.4%
Asian	206	45.7%
Black or African American	28	6.2%
Native Hawaiian	1	0.2%
Hispanic/Latino	30	6.7%
Other	0	0.0%
White	150	33.3%
Did Not Report	34	7.5%
<b>Total</b>	<b>451</b>	<b>100%</b>

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

## CITIZENSHIP

**Figure 18: PharmGrad Applicants by Citizenship Status**

Citizenship Status	PharmGrad Applicants	
	#	%
U.S. Citizen	174	41.2%
Permanent U.S. Resident	10	2.4%
Temporary U.S. Resident	14	3.3%
Non Resident	102	24.2%
None	122	28.9%
Did Not Report	0	0.0%
<b>TOTAL</b>	<b>422</b>	<b>100%</b>

Visit the [PharmGrad Help Center](#) for citizenship definitions.

**Figure 19: Percentage of PharmGrad Applicants by Citizenship Status**

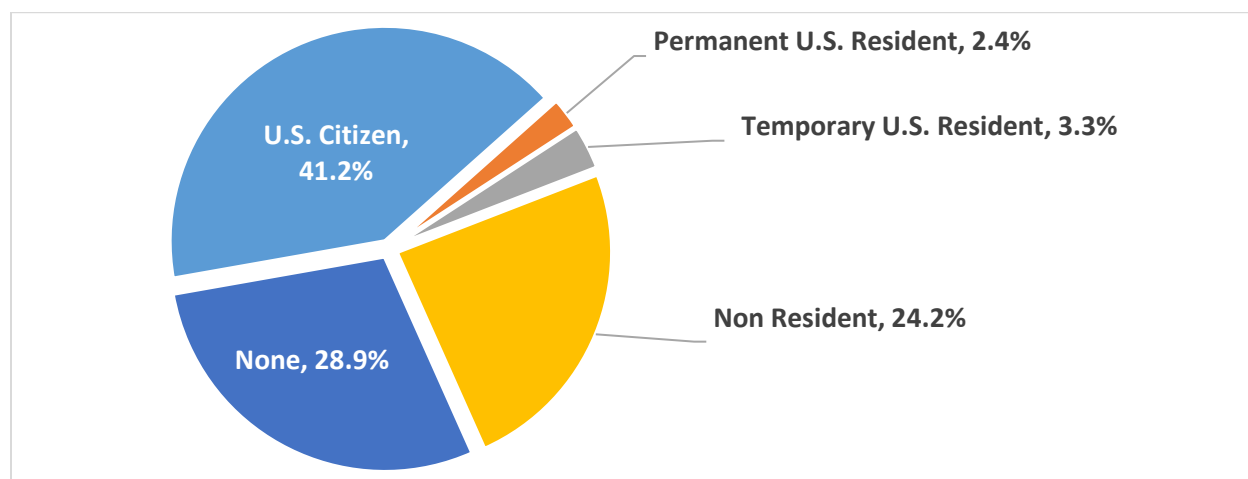


Figure 20: Country of Citizenship for PharmGrad Applicants

Country of Citizenship	PharmGrad Applicants	
	#	%
Albania	1	0.24%
Bahamas, The	1	0.24%
Bangladesh	15	3.55%
Bulgaria	1	0.24%
Canada	3	0.71%
China	70	16.59%
Egypt	4	0.95%
Eritrea	1	0.24%
Ghana	2	0.47%
India	50	11.85%
Indonesia	0	0.00%
Iran (Islamic Republic of)	15	3.55%
Iraq	1	0.24%
Jamaica	1	0.24%
Japan	1	0.24%
Jordan	8	1.90%
Kenya	2	0.47%
Korea (the Republic of)	2	0.47%
Libya	1	0.24%
Malaysia	1	0.24%
Namibia	1	0.24%
Nepal	7	1.66%
Nigeria	12	2.84%
Pakistan	2	0.47%
Peru	1	0.24%
Russian Federation (the)	1	0.24%
Rwanda	1	0.24%
Saudi Arabia	30	7.11%
Serbia	1	0.24%
Singapore	1	0.24%
South Africa	1	0.24%
Taiwan (Province of China)	7	1.66%
Tunisia	1	0.24%
Turkey	1	0.24%
United States	173	41.00%
Vietnam	2	0.47%
<b>TOTAL</b>	<b>422</b>	<b>100%</b>

## PERMANENT STATE OF RESIDENCY

Figure 21: PharmGrad Applicants by Permanent State of Residency

State or Province	Total Applicants in PharmGrad	
	#	%
Arizona	5	1.18%
California	80	18.96%
Colorado	5	1.18%
Connecticut	4	0.95%
Delaware	1	0.24%
Did Not Report	0	0.00%
Florida	16	3.79%
Georgia	6	1.42%
Hawaii	2	0.47%
Illinois	8	1.90%
Indiana	4	0.95%
International	195	46.21%
Iowa	2	0.47%
Kansas	1	0.24%
Maryland	6	1.42%
Massachusetts	5	1.18%
Michigan	4	0.95%
Minnesota	6	1.42%
Mississippi	1	0.24%
Missouri	2	0.47%
Nebraska	3	0.71%
Nevada	1	0.24%
New Jersey	5	1.18%
New York	6	1.42%
North Carolina	3	0.71%
Ohio	5	1.18%
Oklahoma	1	0.24%
Oregon	2	0.47%
Other/Unknown	9	2.13%
Pennsylvania	12	2.84%
Puerto Rico	2	0.47%
Tennessee	3	0.71%
Texas	5	1.18%
Vermont	1	0.24%
Virginia	4	0.95%
Washington	5	1.18%
West Virginia	1	0.24%
Wisconsin	1	0.24%
<b>TOTAL</b>	<b>422</b>	<b>100%</b>



Report reflects the State field in the Permanent Address section of the PharmGrad application.

**Figure 22: Permanent State of Residency of PharmGrad Applicants Sorted by Volume**

Rank	State or Province	#	%
1	International	195	46.21%
2	California	80	18.96%
3	Florida	16	3.79%
4	Pennsylvania	12	2.84%
5	Other/Unknown	9	2.13%
6	Illinois	8	1.90%
7	Georgia	6	1.42%
8	Maryland	6	1.42%
9	Minnesota	6	1.42%
10	New York	6	1.42%
11	Arizona	5	1.18%
12	Colorado	5	1.18%
13	Massachusetts	5	1.18%
14	New Jersey	5	1.18%
15	Ohio	5	1.18%
16	Texas	5	1.18%
17	Washington	5	1.18%
18	Connecticut	4	0.95%
19	Indiana	4	0.95%
20	Michigan	4	0.95%
21	Virginia	4	0.95%
22	Nebraska	3	0.71%
23	North Carolina	3	0.71%
24	Tennessee	3	0.71%
25	Hawaii	2	0.47%
26	Iowa	2	0.47%
27	Missouri	2	0.47%
28	Oregon	2	0.47%
29	Puerto Rico	2	0.47%
30	Delaware	1	0.24%
31	Kansas	1	0.24%
32	Mississippi	1	0.24%
33	Nevada	1	0.24%
34	Oklahoma	1	0.24%
35	Vermont	1	0.24%
36	West Virginia	1	0.24%
37	Wisconsin	1	0.24%
38	Did Not Report	0	0.00%