

# PharmCAS Volume Update

November 1, 2022

## PharmCAS Applicants

Date	All PharmCAS Applicant Accounts	In-progress Applicants	Received Applicants	Complete Applicants	Verified Applicants	Undelivered Applicants	All Submitted Applicants (includes all received, complete, and verified applicants combined)
11/1/2021	13,694	9,006	375	704	3,609	N/A	4,688
11/1/2022	13,260	9,182	409	174	3,495	43	4,121
% Change	-3.2%	2.0%	9.1%	-75.3%	-3.2%	N/A	-12.1%

## PharmCAS Applications

Date	All PharmCAS Applications	All Submitted Applications (includes all received, complete, and verified applications combined)	Mean # of Submitted Applications per Applicant
11/1/2021	43,509	10,952	2.34
11/2/2022	43,379	10,835	2.63
% Change	-0.3%	-1.1%	13%

\* Applicants with Undelivered status in 2022-2023 are now counted separately. During the 2021-2022 & previous cycles, they were included in the In-progress counts.

In-progress applicants should be considered individuals who have expressed an interest in the program, rather than confirmed applicants in the program's queue.

Applicants with Verified status have submitted the application, fee payment, and all transcripts; and their coursework has been verified by PharmCAS. Schools cannot offer interviews or make admission decisions on applicants before their applications are verified by PharmCAS. Final PharmCAS data reflects applicants with Verified status.

Submitted represents individuals with the following PharmCAS statuses: received, completed, and verified. Data reflects year-to-year trends to date.

All PharmCAS Applicant Accounts include all individuals with an applicant account, including in-progress, received, complete, verified, on hold, and undelivered status. Accounts includes current applicants, individuals with dummy/test accounts, advisors, and prospective students who plan to apply in a future cycle.

Final data for the 2022-2023 admissions cycle will differ and be available in fall 2023.

**PharmCAS Application Deadlines****As of November 1, 2022**

<b>FINAL (enforced) PharmCAS Application Deadline</b>	<b># of Public PharmCAS Programs</b>	<b># of Private PharmCAS Programs</b>	<b>TOTAL # of PharmCAS Programs</b>	<b>PERCENTAGE of PharmCAS Programs</b>
Nov. 1, 2022	1		<b>1</b>	<b>1%</b>
Dec. 1, 2022	4		<b>4</b>	<b>3%</b>
Jan. 4, 2023	4	1	<b>5</b>	<b>3%</b>
Feb. 1, 2023	8	5	<b>13</b>	<b>9%</b>
Mar. 1, 2023	11	5	<b>16</b>	<b>11%</b>
Apr. 3, 2023	7	3	<b>10</b>	<b>7%</b>
May 1, 2023	9	9	<b>18</b>	<b>12%</b>
Jun. 1, 2023	22	61	<b>83</b>	<b>55%</b>

<b>PRIORITY* (non-binding) PharmCAS Application Deadline</b>	<b># of Public PharmCAS Programs</b>	<b># of Private PharmCAS Programs</b>	<b>TOTAL # of PharmCAS Programs</b>	<b>PERCENTAGE of PharmCAS Programs</b>
None	18	31	<b>49</b>	<b>33%</b>
Oct. 3, 2022	22	8	<b>30</b>	<b>20%</b>
Nov. 1, 2022	13	19	<b>32</b>	<b>21%</b>
Dec. 1, 2022	7	4	<b>11</b>	<b>7%</b>
Jan. 4, 2023	2	6	<b>8</b>	<b>5%</b>
Feb. 1, 2023	2	4	<b>6</b>	<b>4%</b>
Mar. 1, 2023	2	8	<b>10</b>	<b>7%</b>
Apr. 3, 2023		1	<b>1</b>	<b>1%</b>
May 1, 2023		3	<b>3</b>	<b>2%</b>

\* Priority deadlines cannot be changed after the cycle has launched.

\*\* Some colleges and schools of pharmacy offer more than one program, pathway, or campus for Pharm.D. degree students and are represented more than once.

**PharmCAS Volume by School Type and District**  
**November 1, 2021 vs. November 1, 2022**

PharmCAS Programs for 2021-22 & 2022-23	Mean # of Applicants Per Program 11/1/2021	Mean # of Applicants Per Program 11/1/2022	Mean: % Change Per Program to Date	Range: % Change Per Program to Date		% of Programs with Increase in Applicants to Date	% of Programs with Decrease in Applicants to Date	% of Programs with No Change in Applicants to Date	Median # of Applicants Per Program 11/1/2021	Median # of Applicants Per Program 11/1/2022	Range in # of Applicants Per Program 11/1/2021		Range in # of Applicants Per Program 11/1/2022		Total # of Applicants for Group of Programs 11/1/2022
				MIN	MAX						MIN	MAX	MIN	MAX	
All	80.1	77.9	-2.7%	-70%	279%	38.0%	58.4%	3.6%	62	55	4	297	5	331	10678
Public	101.5	99.5	-1.9%	-44%	96%	37.9%	59.1%	3.0%	87	82	12	297	9	331	6569
Private	60.2	57.9	-3.9%	-70%	279%	38.0%	57.7%	4.2%	55	51	4	142	5	212	4109
Districts 1 & 2	51.4	53.0	3.1%	-70%	279%	38.2%	61.8%	0.0%	47	43	4	119	5	212	1802
District 3	94.4	101.5	7.5%	-35%	96%	66.7%	26.7%	6.7%	80	84	19	297	26	331	3045
District 4	83.2	78.5	-5.7%	-42%	117%	22.7%	77.3%	0.0%	60	59	23	193	17	173	1726
Districts 5, 6, 7	89.1	83.6	-6.2%	-44%	95%	34.5%	58.6%	6.9%	81	72	17	243	15	239	2425
District 8	89.9	76.4	-15.0%	-46%	43%	18.2%	77.3%	4.5%	71	56	12	196	12	165	1680

Programs new or no longer in PharmCAS in 2022-2023 are excluded. Table reflects applicants with Submitted status. Mean percent change was calculated using the overall mean number of applicants in the 2<sup>nd</sup> (2021-22) column and 3<sup>rd</sup> (2022-23) column of this table. One applicant may be represented in multiple groups. Table reflects program data as of November 1 in each cycle. Districts reflect geographic regions and were created by the National Association of Boards of Pharmacy ([NABP](#)). Some district data was combined to ensure there were at least 10 programs per group. Final 2022-2023 data will be available in Fall 2023.

- District 1: Connecticut, Maine, Massachusetts, New Brunswick, Newfoundland, New Hampshire, Nova Scotia, Quebec, Rhode Island, Vermont
- District 2: Delaware, District of Columbia, Maryland, New Jersey, New York, Ontario, Pennsylvania, Prince Edward Island, Virginia, and West Virginia
- District 3: Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, Puerto Rico, South Carolina, Tennessee, and the Virgin Islands
- District 4: Australia, Bahamas, Illinois, Indiana, Michigan, Ohio, and Wisconsin
- District 5: Iowa, Manitoba, Minnesota, Nebraska, North Dakota, Saskatchewan, and South Dakota
- District 6: Arkansas, Kansas, Louisiana, Missouri, Oklahoma, and Texas
- District 7: Alaska, Alberta, British Columbia, Idaho, Montana, Oregon, Washington, and Wyoming
- District 8: Arizona, California, Colorado, Guam, Hawaii, Nevada, New Mexico, and Utah

**PharmCAS Volume by Final Program Deadline and Program Structure**  
**November 1, 2021 vs. November 1, 2022**

PharmCAS Programs for 2021-22 & 2022-23	Mean # of Applicants Per Program 11/1/2021	Mean # of Applicants Per Program 11/1/2022	Mean: % Change Per Program to Date	Range: % Change Per Program to Date		% of Programs with Increase in Applicants to Date	% of Programs with Decrease in Applicants to Date	% of Programs with No Change in Applicants to Date	Median # of Applicants Per Program 11/1/2021	Median # of Applicants Per Program 11/1/2022	Range in # of Applicants Per Program 11/1/2021		Range in # of Applicants Per Program 11/1/2022		Total # of Applicants for Group of Programs 11/1/2022
				MIN	MAX						MIN	MAX	MIN	MAX	
				PharmCAS FINAL Application Deadlines											
Nov/Dec 2022 & Jan/Feb 2023	132.1	131.4	-0.5%	-45%	96%	38.1%	61.9%	0.0%	110	105	21	297	53	331	2760
Mar, Apr 2023	94.7	95.0	0.3%	-36%	117%	47.8%	52.2%	0.0%	100	98	18	193	29	173	2185
May 2023	70.2	65.8	-6.3%	-42%	26%	38.9%	61.1%	0.0%	61	55	17	193	15	190	1185
Jun 2023	63.4	60.6	-4.4%	-70%	279%	34.7%	58.7%	6.7%	53	50	4	167	5	212	4548
Program Structure in the PharmCAS School Directory (Programs identified as 0-6/7 are not reflected)															
2-3 Prg	63.4	60.0	-5.4%	-45%	44%	47.6%	52.4%	0.0%	55	52	21	152	18	125	1260
2-4 Prg	72.0	71.8	-0.2%	-46%	117%	44.7%	46.8%	8.5%	64	66	12	151	12	169	3376
3-4 Prg & Other	69.4	60.8	-12.4%	-33%	-4%	0.0%	100.0%	0.0%	52	39	19	170	15	164	486
4 Prg	98.5	92.8	-5.7%	-70%	96%	32.1%	66.1%	1.8%	79	63	4	297	5	331	5197

Programs new or no longer in PharmCAS in 2022-2023 are excluded. Table reflects applicants with Submitted status. Staff calculated the mean percent change using the overall mean number of applicants in the 2<sup>nd</sup> (2021-22) column and 3<sup>rd</sup> (2022-23) column of this table. One applicant may be represented in multiple groups. Table reflects program data as of November 1 in each cycle. Application deadlines reflect the current cycle as of November 1, 2022. Schools may choose to change their application deadlines throughout the cycle. Programs identified as 0-6/7 were excluded from the Program Structure header because N<10. Final 2022-2023 data will be available in Fall 2023.

**PharmCAS Volume by Priority Program Deadline**  
**November 1, 2021 vs. November 1, 2022**

PharmCAS Programs for 2021-22 & 2022-23	Mean # of Applicants Per Program 11/1/2021	Mean # of Applicants Per Program 11/1/2022	Mean: % Change Per Program to Date	Range: % Change Per Program to Date		% of Programs with Increase in Applicants to Date	% of Programs with Decrease in Applicants to Date	% of Programs with No Change in Applicants to Date	Median # of Applicants Per Program 11/1/2021	Median # of Applicants Per Program 11/1/2022	Range in # of Applicants Per Program 11/1/2021		Range in # of Applicants Per Program 11/1/2022		Total # of Applicants for Group of Programs 11/1/2022
				MIN	MAX						MIN	MAX	MIN	MAX	
				PharmCAS PRIORITY Application Deadlines											
Oct 2022	126.2	124.8	-1.2%	-45%	95%	39.3%	60.7%	0.0%	117	115	19	297	17	331	3493
Nov 2022	89.4	87.2	-2.4%	-70%	117%	39.3%	57.1%	3.6%	84	83	4	169	5	192	2441
Dec 2022, Jan 2023	71.9	60.8	-15.5%	-45%	13%	27.8%	66.7%	5.6%	63	52	19	151	19	169	1094
Feb, Mar, Apr, May 2023	53.2	49.7	-6.5%	-38%	53%	29.4%	64.7%	5.9%	51	39	22	142	15	138	845
None	59.5	61.0	2.4%	-46%	279%	43.5%	52.2%	4.3%	49	52	12	196	9	212	2805

Priority (non-binding) deadlines were first introduced during the 2021-2022 (previous) admissions cycle. Unlike final deadlines, programs do not have the option of changing a priority deadline after the cycle has launched. See also <https://www.pharmcas.org/application-instructions/deadlines>.

Programs new or no longer in PharmCAS in 2022-2023 are excluded. Table reflects applicants with Submitted status. Staff calculated the mean percent change using the overall mean number of applicants in the 2<sup>nd</sup> (2021-22) column and 3<sup>rd</sup> (2022-23) column of this table. One applicant may be represented in multiple groups. Table reflects program data as of November 1 in each cycle. Final 2022-2023 data will be available in Fall 2023.

### Colleges Attended

Colleges attended data reflects data for 2022-2023 PharmCAS applicants with Verified status to date and is reported as a separate file. Final colleges attended data for the previous cycle will be reflected in the 2021-2022 PharmCAS Applicant Data Report (PDF) in fall 2022.

### State of Residency

Table reflects the permanent state of residency for PharmCAS applicants with Verified status to date.

State/Territory	9/2/22	% of Pool	10/3/22	% of Pool	11/1/22	% of Pool
Alabama	25	2.79%	49	2.36%	73	2.05%
Alaska						
Arizona	29	3.23%	58	2.80%	102	2.86%
Arkansas	7	0.78%	24	1.16%	44	1.24%
Armed Srv Europe						
California	86	9.59%	189	9.12%	293	8.23%
Colorado	9	1.00%	21	1.01%	40	1.12%
Connecticut	3	0.33%	9	0.43%	15	0.42%
Delaware			3	0.14%	7	0.20%
Did Not Report						
D.C.			1	0.05%	1	0.03%
Florida	57	6.35%	141	6.80%	242	6.80%
Georgia	45	5.02%	83	4.00%	141	3.96%
Guam			1	0.05%	1	0.03%
Hawaii	4	0.45%	10	0.48%	16	0.45%
Idaho	1	0.11%	8	0.39%	16	0.45%
Illinois	28	3.12%	59	2.85%	130	3.65%
Indiana	6	0.67%	14	0.68%	44	1.24%
International	11	1.23%	45	2.17%	74	2.08%
Iowa	17	1.90%	30	1.45%	47	1.32%
Kansas	8	0.89%	17	0.82%	28	0.79%
Kentucky	41	4.57%	61	2.94%	92	2.58%
Louisiana	13	1.45%	21	1.01%	49	1.38%
Maine			3	0.14%	6	0.17%
Maryland	5	0.56%	13	0.63%	44	1.24%
Massachusetts	7	0.78%	86	4.15%	111	3.12%
Michigan	50	5.57%	119	5.74%	205	5.76%

Minnesota	16	1.78%	37	1.78%	80	2.25%
Mississippi	12	1.34%	16	0.77%	26	0.73%
Missouri	24	2.68%	52	2.51%	68	1.91%
Montana	2	0.22%	5	0.24%	6	0.17%
Nebraska	3	0.33%	14	0.68%	32	0.90%
Nevada	4	0.45%	8	0.39%	18	0.51%
New Hampshire	2	0.22%	7	0.34%	8	0.22%
New Jersey	8	0.89%	19	0.92%	38	1.07%
New Mexico	14	1.56%	21	1.01%	30	0.84%
New York	58	6.47%	130	6.27%	195	5.48%
North Carolina	27	3.01%	66	3.18%	121	3.40%
North Dakota			1	0.05%	1	0.03%
Ohio	16	1.78%	40	1.93%	88	2.47%
Oklahoma	4	0.45%	19	0.92%	30	0.84%
Oregon	1	0.11%	8	0.39%	23	0.65%
Other/Unknown	2	0.22%	3	0.14%	8	0.22%
Pennsylvania	21	2.34%	48	2.32%	93	2.61%
Puerto Rico	8	0.89%	25	1.21%	67	1.88%
Rhode Island			3	0.14%	3	0.08%
South Carolina	65	7.25%	82	3.96%	100	2.81%
South Dakota	1	0.11%	6	0.29%	8	0.22%
Tennessee	30	3.34%	56	2.70%	101	2.84%
Texas	68	7.58%	202	9.74%	329	9.24%
US Minor Outlying Islands			1	0.05%	1	0.03%
Utah	6	0.67%	11	0.53%	18	0.51%
Vermont			1	0.05%	1	0.03%
Virginia	17	1.90%	39	1.88%	68	1.91%
Washington	17	1.90%	38	1.83%	79	2.22%
West Virginia	4	0.45%	9	0.43%	19	0.53%
Wisconsin	14	1.56%	39	1.88%	74	2.08%
Wyoming	1	0.11%	2	0.10%	7	0.20%