

# PharmCAS Volume Update

May 2, 2023

## 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)
5/2/2022	22,551	11,726	409	592	9,824	N/A	10,825
5/2/2023	23,613	13,104	594	56	9,761	94	10,505
% Change	+4.7%	+11.8%	+45.2%	-90.5%	-0.6%	N/A	-3.0%

## PharmCAS Applications

Date	All PharmCAS Applications	All Submitted Applications (includes all received, complete, and verified applications combined)	Mean # of Submitted Applications per Applicant
5/2/2022	70,362	29,458	2.72
5/2/2023	74,146	28,326	2.70
% Change	+5.4%	-3.8%	-0.9%

\* 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-over-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.

Preliminary data provided by the American Association of Colleges of Pharmacy (May 2023)

**PharmCAS Application Deadlines****As of May 2, 2023**

FINAL (enforced) PharmCAS Application Deadline	As of Apr. 3, 2023				As of Sep. 2, 2022		Percent Change
	# of Public PharmCAS Programs	# of Private PharmCAS Programs	TOTAL # of PharmCAS Programs	PERCENTAGE of PharmCAS Programs	TOTAL # of PharmCAS Programs	PERCENTAGE of PharmCAS Programs	
Nov. 1, 2022					1	1%	
Dec. 1, 2022	4		4	3%	4	3%	0.0%
Jan. 4, 2023	2		2	1%	5	3%	-60.0%
Feb. 1, 2023	2	1	3	2%	13	9%	-76.9%
Mar. 1, 2023	9	2	11	7%	16	11%	-31.3%
Apr. 3, 2023	4	2	6	4%	10	7%	-40.0%
May 1, 2023	8	9	17	11%	18	12%	-5.6%
Jun. 1, 2023	36	73	109	72%	83	55%	31.3%

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

\* 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**  
**May 2, 2022 vs. May 2, 2023**

PharmCAS Programs for 2021-22 & 2022-23	Mean # of Applicants Per Program 5/2/2022	Mean # of Applicants Per Program 5/2/2023	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 5/2/2022	Median # of Applicants Per Program 5/2/2023	Range in # of Applicants Per Program 5/2/2022		Range in # of Applicants Per Program 5/2/2023		Total # of Applicants for Group of Programs 5/2/2023
				MIN	MAX						MIN	MAX	MIN	MAX	
All	215.4	204.8	-4.9%	-41%	129%	32.8%	65.7%	1.5%	185	174	21	624	41	627	28064
Public	237.9	229.0	-3.7%	-40%	90%	33.3%	66.7%	0.0%	210	202	42	624	41	589	15115
Private	194.6	182.4	-6.3%	-41%	129%	32.4%	64.8%	2.8%	173	156	21	621	48	627	12949
Districts 1 & 2	186.3	182.1	-2.2%	-30%	129%	32.4%	64.7%	2.9%	168	159	21	453	41	410	6193
District 3	236.1	233.5	-1.1%	-23%	90%	36.7%	63.3%	0.0%	194	193	48	624	54	627	7006
District 4	215.1	205.0	-4.7%	-36%	89%	36.4%	63.6%	0.0%	196	172	35	462	62	413	4511
Districts 5, 6, 7	203.0	194.3	-4.3%	-40%	81%	37.9%	62.1%	0.0%	157	158	55	471	62	434	5635
District 8	249.0	214.5	-13.9%	-41%	24%	18.2%	77.3%	4.5%	219	185	42	485	52	383	4719

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 May 2 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**  
**May 2, 2022 vs. May 2, 2023**

PharmCAS Programs for 2021-22 & 2022-23	Mean # of Applicants Per Program 5/2/2022	Mean # of Applicants Per Program 5/2/2023	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 5/2/2022	Median # of Applicants Per Program 5/2/2023	Range in # of Applicants Per Program 5/2/2022		Range in # of Applicants Per Program 5/2/2023		Total # of Applicants for Group of Programs 5/2/2023
				MIN	MAX						MIN	MAX	MIN	MAX	
				PharmCAS FINAL Application Deadlines											
Nov/Dec 2022 & Jan/Feb 2023	286.6	288.4	0.6%	-24%	90%	50.0%	50.0%	0.0%	272	271	104	562	79	583	2307
Mar, Apr 2023	269.1	275.4	2.3%	-11%	68%	42.9%	57.1%	0.0%	260	270	71	624	81	589	3855
May 2023	217.7	201.8	-7.3%	-29%	18%	25.0%	68.8%	6.3%	210	203	55	364	62	385	3228
Jun 2023	201.7	188.6	-6.5%	-41%	129%	31.3%	67.7%	1.0%	172	158	21	621	41	627	18674
Program Structure in the PharmCAS School Directory (Programs identified as 0-6/7 are not reflected)															
2-3 Prg	207.4	182.7	-11.9%	-37%	25%	19.0%	76.2%	4.8%	206	183	81	395	57	367	3836
2-4 Prg	203.5	193.3	-5.0%	-39%	77%	36.2%	63.8%	0.0%	177	174	35	462	52	413	9087
3-4 Prg & Other	142.3	125.1	-12.0%	-41%	88.9%	25.0%	75.0%	0.0%	134	108	55	244	62	232	1001
4 Prg	244.3	234.1	-4.2%	-40%	129%	33.9%	64.3%	1.8%	199	185	21	624	41	627	13111

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 May 2 in each cycle. Application deadlines reflect the current cycle as of May 2, 2023. Schools may choose to change their application deadlines throughout the cycle. Programs identified as 0-6/7 were excluded from the Program Structure header. Final 2022-2023 data will be available in Fall 2023.

**PharmCAS Volume by Priority Program Deadline**  
**May 2, 2022 vs. May 2, 2023**

PharmCAS Programs for 2021-22 & 2022-23	Mean # of Applicants Per Program 5/2/2022	Mean # of Applicants Per Program 5/2/2023	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 5/2/2022	Median # of Applicants Per Program 5/2/2023	Range in # of Applicants Per Program 5/2/2022		Range in # of Applicants Per Program 5/2/2023		Total # of Applicants for Group of Programs 5/2/2023				
				MIN	MAX						MIN	MAX	MIN	MAX					
PharmCAS PRIORITY Application Deadlines																			
Oct 2022	265.6	252.3	-5.0%	-40%	68%	25.0%	75.0%	0.0%	241	209	71	624	67	589	7064				
Nov 2022			234.9	222.8	-5.2%	-24%	129%	28.6%			71.4%	0.0%	206	189	21	485	48	402	6237
Dec 2022, Jan 2023			201.9	180.4	-10.6%	-39%	81%	22.2%			77.8%	0.0%	152	147	63	462	61	413	3248
Feb, Mar, Apr, May 2023			178.8	165.5	-7.4%	-41%	89%	35.3%			64.7%	0.0%	164	151	55	621	54	627	2814
None			191.9	189.2	-1.4%	-34%	96%	43.5%			52.2%	4.3%	169	167	35	414	41	410	8701

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 May 2 in each cycle. Final 2022-2023 data will be available in Fall 2023.

### Colleges Attended

The primary colleges attended data reflects data for PharmCAS applicants in the 2022-2023 cycle to date and is reported as a separate file. Final colleges attended data for the previous cycle is limited to Verified applicants and is reflected in the 2021-2022 PharmCAS Applicant Data Report (PDF).

### State of Residency

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

State/Territory	11/1/22	% of Pool	12/3/22	% of Pool	1/3/23	% of Pool	2/2/23	% of Pool	3/3/23	% of Pool	4/3/23	% of Pool	5/2/23	% of Pool
Alabama	73	2.05%	87	1.81%	96	1.66%	104	1.54%	117	1.44%	129	1.42%	138	1.42%
Alaska			2	0.04%	4	0.07%	5	0.07%	6	0.07%	8	0.09%	10	0.10%
Arizona	102	2.86%	134	2.80%	142	2.45%	155	2.30%	178	2.18%	204	2.24%	212	2.18%
Arkansas	44	1.24%	55	1.15%	65	1.12%	94	1.39%	112	1.37%	123	1.35%	129	1.32%
Armed Srv Europe														
California	293	8.23%	402	8.39%	567	9.78%	644	9.54%	828	10.16%	906	9.96%	954	9.79%
Colorado	40	1.12%	55	1.15%	72	1.24%	89	1.32%	98	1.20%	109	1.20%	115	1.18%
Connecticut	15	0.42%	18	0.38%	34	0.59%	86	1.27%	94	1.15%	103	1.13%	110	1.13%
Delaware	7	0.20%	10	0.21%	10	0.17%	11	0.16%	13	0.16%	16	0.18%	19	0.20%
Did Not Report													0	0.00%
D.C.	1	0.03%	1	0.02%	1	0.02%	2	0.03%	2	0.02%	4	0.04%	4	0.04%
Florida	242	6.80%	298	6.22%	330	5.69%	403	5.97%	532	6.53%	614	6.75%	669	6.87%
Georgia	141	3.96%	190	3.96%	233	4.02%	252	3.73%	283	3.47%	294	3.23%	323	3.32%
Guam	1	0.03%	2	0.04%	2	0.03%	2	0.03%	4	0.05%	7	0.08%	7	0.07%
Hawaii	16	0.45%	24	0.50%	26	0.45%	32	0.47%	36	0.44%	45	0.49%	49	0.50%
Idaho	16	0.45%	22	0.46%	31	0.53%	36	0.53%	40	0.49%	46	0.51%	48	0.49%
Illinois	130	3.65%	201	4.19%	260	4.49%	316	4.68%	361	4.43%	396	4.35%	426	4.37%
Indiana	44	1.24%	122	2.54%	200	3.45%	226	3.35%	249	3.06%	262	2.88%	268	2.75%
International	74	2.08%	119	2.48%	147	2.54%	176	2.61%	238	2.92%	274	3.01%	292	3.00%
Iowa	47	1.32%	59	1.23%	71	1.22%	81	1.20%	99	1.22%	105	1.15%	112	1.15%
Kansas	28	0.79%	35	0.73%	38	0.66%	49	0.73%	65	0.80%	78	0.86%	83	0.85%
Kentucky	92	2.58%	115	2.40%	124	2.14%	140	2.07%	152	1.87%	164	1.80%	173	1.78%
Louisiana	49	1.38%	72	1.50%	81	1.40%	95	1.41%	110	1.35%	132	1.45%	138	1.42%
Maine	6	0.17%	8	0.17%	10	0.17%	10	0.15%	18	0.22%	35	0.38%	39	0.40%
Maryland	44	1.24%	67	1.40%	82	1.41%	101	1.50%	124	1.52%	147	1.62%	160	1.64%
Massachusetts	111	3.12%	122	2.54%	143	2.47%	160	2.37%	179	2.20%	200	2.20%	218	2.24%
Michigan	205	5.76%	244	5.09%	271	4.68%	293	4.34%	333	4.09%	359	3.95%	377	3.87%

Preliminary data provided by the American Association of Colleges of Pharmacy (May 2023)

Minnesota	80	2.25%	92	1.92%	95	1.64%	105	1.56%	118	1.45%	132	1.45%	133	1.37%
Mississippi	26	0.73%	45	0.94%	58	1.00%	80	1.19%	95	1.17%	108	1.19%	112	1.15%
Missouri	68	1.91%	98	2.04%	116	2.00%	133	1.97%	150	1.84%	160	1.76%	173	1.78%
Montana	6	0.17%	7	0.15%	12	0.21%	15	0.22%	19	0.23%	21	0.23%	22	0.23%
Nebraska	32	0.90%	38	0.79%	44	0.76%	50	0.74%	61	0.75%	65	0.71%	65	0.67%
Nevada	18	0.51%	19	0.40%	23	0.40%	30	0.44%	45	0.55%	46	0.51%	48	0.49%
New Hampshire	8	0.22%	9	0.19%	12	0.21%	16	0.24%	19	0.23%	24	0.26%	26	0.27%
New Jersey	38	1.07%	56	1.17%	67	1.16%	89	1.32%	134	1.64%	175	1.92%	195	2.00%
New Mexico	30	0.84%	42	0.88%	48	0.83%	56	0.83%	61	0.75%	61	0.67%	61	0.63%
New York	195	5.48%	248	5.17%	280	4.83%	318	4.71%	391	4.80%	469	5.15%	511	5.25%
North Carolina	121	3.40%	132	2.75%	147	2.54%	173	2.56%	202	2.48%	223	2.45%	235	2.41%
North Dakota	1	0.03%	2	0.04%	2	0.03%	2	0.03%	2	0.02%	2	0.02%	2	0.02%
Ohio	88	2.47%	137	2.86%	171	2.95%	210	3.11%	299	3.67%	339	3.73%	373	3.83%
Oklahoma	30	0.84%	33	0.69%	37	0.64%	43	0.64%	54	0.66%	64	0.70%	70	0.72%
Oregon	23	0.65%	46	0.96%	51	0.88%	58	0.86%	73	0.90%	83	0.91%	89	0.91%
Other/Unknown	8	0.22%	15	0.31%	16	0.28%	19	0.28%	23	0.28%	25	0.27%	27	0.28%
Pennsylvania	93	2.61%	140	2.92%	171	2.95%	212	3.14%	264	3.24%	285	3.13%	305	3.13%
Puerto Rico	67	1.88%	164	3.42%	271	4.68%	294	4.36%	329	4.04%	368	4.04%	395	4.06%
Rhode Island	3	0.08%	4	0.08%	6	0.10%	7	0.10%	11	0.14%	12	0.13%	14	0.14%
South Carolina	100	2.81%	112	2.34%	115	1.98%	124	1.84%	137	1.68%	151	1.66%	165	1.69%
South Dakota	8	0.22%	10	0.21%	11	0.19%	11	0.16%	11	0.14%	11	0.12%	12	0.12%
Tennessee	101	2.84%	134	2.80%	145	2.50%	157	2.33%	192	2.36%	214	2.35%	225	2.31%
Texas	329	9.24%	380	7.93%	435	7.51%	508	7.53%	626	7.68%	696	7.65%	781	8.02%
US Minor Outlying Islands	1	0.03%	1	0.02%	1	0.02%	1	0.01%	1	0.01%	1	0.01%	1	0.01%
Utah	18	0.51%	27	0.56%	36	0.62%	42	0.62%	55	0.68%	60	0.66%	63	0.65%
Vermont	1	0.03%	1	0.02%	1	0.02%	3	0.04%	3	0.04%	4	0.04%	5	0.05%
Virgin Islands, US			1	0.02%	1	0.02%	1	0.01%	1	0.01%	1	0.01%	1	0.01%
Virginia	68	1.91%	94	1.96%	103	1.78%	116	1.72%	137	1.68%	149	1.64%	158	1.62%
Washington	79	2.22%	101	2.11%	119	2.05%	135	2.00%	146	1.79%	154	1.69%	158	1.62%
West Virginia	19	0.53%	30	0.63%	31	0.53%	34	0.50%	39	0.48%	40	0.44%	41	0.42%
Wisconsin	74	2.08%	99	2.07%	117	2.02%	131	1.94%	161	1.98%	175	1.92%	179	1.84%
Wyoming	7	0.20%	13	0.27%	14	0.24%	15	0.22%	17	0.21%	20	0.22%	22	0.23%