

# PharmCAS Volume Update

March 3, 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)
3/3/2022	20237	10542	688	695	8312	N/A	9695
3/3/2023	20749	11665	647	188	8148	98	9081
% Change	+2.5%	+10.7%	-6.0%	-72.9%	-2.0%	N/A	-6.3%

## PharmCAS Applications

Date	All PharmCAS Applications	All Submitted Applications (includes all received, complete, and verified applications combined)	Mean # of Submitted Applications per Applicant
3/3/2022	64383	25999	2.68
3/3/2023	65802	24271	2.67
% Change	+2.2%	-6.6%	-0.3%

\* 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 March 3, 2023**

FINAL (enforced) PharmCAS Application Deadline	As of Mar. 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	10	2	12	8%	16	11%	-25.0%
Apr. 3, 2023	11	6	17	11%	10	7%	70.0%
May 1, 2023	12	10	22	14%	18	12%	22.2%
Jun. 1, 2023	25	67	92	61%	83	55%	10.8%

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**  
**March 3, 2022 vs. March 3, 2023**

PharmCAS Programs for 2021-22 & 2022-23	Mean # of Applicants Per Program 3/3/2022	Mean # of Applicants Per Program 3/3/2023	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 3/3/2022	Median # of Applicants Per Program 3/3/2023	Range in # of Applicants Per Program 3/3/2022		Range in # of Applicants Per Program 3/3/2023		Total # of Applicants for Group of Programs 3/3/2023
				MIN	MAX						MIN	MAX	MIN	MAX	
All	183.4	171.2	-6.7%	-43%	135%	32.8%	66.4%	0.7%	159	141	17	578	26	583	23457
Public	212.1	201.0	-5.3%	-43%	135%	34.8%	65.2%	0.0%	187	183	36	578	29	583	13265
Private	156.8	143.5	-8.4%	-38%	106%	31.0%	67.6%	1.4%	144	131	17	472	26	477	10192
Districts 1 & 2	149.0	141.1	-5.3%	-37%	106%	35.3%	64.7%	0.0%	136	122	17	354	26	353	4799
District 3	202.2	201.1	-0.5%	-22%	90%	40.0%	60.0%	0.0%	162	155	36	578	44	583	6033
District 4	187.8	171.5	-8.7%	-37%	57%	31.8%	68.2%	0.0%	168	138	30	397	47	348	3774
Districts 5, 6, 7	171.7	162.6	-5.3%	-43%	135%	34.5%	65.5%	0.0%	130	131	37	471	44	423	4714
District 8	222.1	188.0	-15.3%	-38%	14%	18.2%	77.3%	4.5%	184	151	36	443	38	343	4137

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 March 3 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**  
**March 3, 2022 vs. March 3, 2023**

PharmCAS Programs for 2021-22 & 2022-23	Mean # of Applicants Per Program 3/3/2022	Mean # of Applicants Per Program 3/3/2023	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 3/3/2022	Median # of Applicants Per Program 3/3/2023	Range in # of Applicants Per Program 3/3/2022		Range in # of Applicants Per Program 3/3/2023		Total # of Applicants for Group of Programs 3/3/2023
				MIN	MAX						MIN	MAX	MIN	MAX	
				PharmCAS FINAL Application Deadlines											
Nov/Dec 2022 & Jan/Feb 2023	286.5	288.3	0.6%	-24%	90%	50.0%	50.0%	0.0%	272	271	104	562	79	583	2306
Mar, Apr 2023	252.9	241.0	-4.7%	-31%	135%	38.5%	61.5%	0.0%	237	232	66	578	77	541	6265
May 2023	166.2	151.3	-9.0%	-33%	19%	19.0%	76.2%	4.8%	155	151	37	328	44	335	3177
Jun 2023	155.8	142.8	-8.3%	-43%	106%	32.9%	67.1%	0.0%	134	130	17	472	26	477	11709
Program Structure in the PharmCAS School Directory (Programs identified as 0-6/7 are not reflected)															
2-3 Prg	167.8	146.9	-12.5%	-37%	32%	23.8%	71.4%	4.8%	165	141	58	363	37	329	3085
2-4 Prg	170.9	160.1	-6.3%	-38%	57%	36.2%	63.8%	0.0%	150	140	30	397	38	348	7525
3-4 Prg & Other	124.8	103.3	-17.2%	-37%	19%	12.5%	87.5%	0.0%	118	85	37	238	42	215	826
4 Prg	213.8	200.0	-6.5%	-43%	135%	32.1%	67.9%	0.0%	173	161	17	578	26	583	11199

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 March 3 in each cycle. Application deadlines reflect the current cycle as of March 3, 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 because N<10. Final 2022-2023 data will be available in Fall 2023.

**PharmCAS Volume by Priority Program Deadline**  
**March 3, 2022 vs. March 3, 2023**

PharmCAS Programs for 2021-22 & 2022-23	Mean # of Applicants Per Program 3/3/2022	Mean # of Applicants Per Program 3/3/2023	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 3/3/2022	Median # of Applicants Per Program 3/3/2023	Range in # of Applicants Per Program 3/3/2022		Range in # of Applicants Per Program 3/3/2023		Total # of Applicants for Group of Programs 3/3/2023
				MIN	MAX						MIN	MAX	MIN	MAX	
PharmCAS PRIORITY Application Deadlines															
Oct 2022	239.3	224.0	-6.4%	-43%	135%	28.6%	71.4%	0.0%	210	192	61	578	42	583	6273
Nov 2022	199.5	185.8	-6.9%	-24%	53%	39.3%	60.7%	0.0%	174	156	17	443	26	361	5202
Dec 2022, Jan 2023	169.9	148.5	-12.6%	-38%	87%	27.8%	72.2%	0.0%	136	119	54	397	49	348	2673
Feb, Mar, Apr, May 2023	143.2	130.4	-9.0%	-37%	47%	35.3%	64.7%	0.0%	133	113	37	472	44	477	2216
None	159.8	154.2	-3.5%	-36%	106%	32.6%	65.2%	2.2%	139	135	30	414	29	353	7093

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 March 3 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	9/2/22	% of Pool	10/3/22	% of Pool	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
Alabama	25	2.79%	49	2.36%	73	2.05%	87	1.81%	96	1.66%	104	1.54%	117	1.44%
Alaska							2	0.04%	4	0.07%	5	0.07%	6	0.07%
Arizona	29	3.23%	58	2.80%	102	2.86%	134	2.80%	142	2.45%	155	2.30%	178	2.18%
Arkansas	7	0.78%	24	1.16%	44	1.24%	55	1.15%	65	1.12%	94	1.39%	112	1.37%
Armed Srv Europe														
California	86	9.59%	189	9.12%	293	8.23%	402	8.39%	567	9.78%	644	9.54%	828	10.16%
Colorado	9	1.00%	21	1.01%	40	1.12%	55	1.15%	72	1.24%	89	1.32%	98	1.20%
Connecticut	3	0.33%	9	0.43%	15	0.42%	18	0.38%	34	0.59%	86	1.27%	94	1.15%
Delaware			3	0.14%	7	0.20%	10	0.21%	10	0.17%	11	0.16%	13	0.16%
Did Not Report													0	0.00%
D.C.			1	0.05%	1	0.03%	1	0.02%	1	0.02%	2	0.03%	2	0.02%
Florida	57	6.35%	141	6.80%	242	6.80%	298	6.22%	330	5.69%	403	5.97%	532	6.53%
Georgia	45	5.02%	83	4.00%	141	3.96%	190	3.96%	233	4.02%	252	3.73%	283	3.47%
Guam			1	0.05%	1	0.03%	2	0.04%	2	0.03%	2	0.03%	4	0.05%
Hawaii	4	0.45%	10	0.48%	16	0.45%	24	0.50%	26	0.45%	32	0.47%	36	0.44%
Idaho	1	0.11%	8	0.39%	16	0.45%	22	0.46%	31	0.53%	36	0.53%	40	0.49%
Illinois	28	3.12%	59	2.85%	130	3.65%	201	4.19%	260	4.49%	316	4.68%	361	4.43%
Indiana	6	0.67%	14	0.68%	44	1.24%	122	2.54%	200	3.45%	226	3.35%	249	3.06%
International	11	1.23%	45	2.17%	74	2.08%	119	2.48%	147	2.54%	176	2.61%	238	2.92%
Iowa	17	1.90%	30	1.45%	47	1.32%	59	1.23%	71	1.22%	81	1.20%	99	1.22%
Kansas	8	0.89%	17	0.82%	28	0.79%	35	0.73%	38	0.66%	49	0.73%	65	0.80%
Kentucky	41	4.57%	61	2.94%	92	2.58%	115	2.40%	124	2.14%	140	2.07%	152	1.87%
Louisiana	13	1.45%	21	1.01%	49	1.38%	72	1.50%	81	1.40%	95	1.41%	110	1.35%
Maine			3	0.14%	6	0.17%	8	0.17%	10	0.17%	10	0.15%	18	0.22%
Maryland	5	0.56%	13	0.63%	44	1.24%	67	1.40%	82	1.41%	101	1.50%	124	1.52%
Massachusetts	7	0.78%	86	4.15%	111	3.12%	122	2.54%	143	2.47%	160	2.37%	179	2.20%
Michigan	50	5.57%	119	5.74%	205	5.76%	244	5.09%	271	4.68%	293	4.34%	333	4.09%

Minnesota	16	1.78%	37	1.78%	80	2.25%	92	1.92%	95	1.64%	105	1.56%	118	1.45%
Mississippi	12	1.34%	16	0.77%	26	0.73%	45	0.94%	58	1.00%	80	1.19%	95	1.17%
Missouri	24	2.68%	52	2.51%	68	1.91%	98	2.04%	116	2.00%	133	1.97%	150	1.84%
Montana	2	0.22%	5	0.24%	6	0.17%	7	0.15%	12	0.21%	15	0.22%	19	0.23%
Nebraska	3	0.33%	14	0.68%	32	0.90%	38	0.79%	44	0.76%	50	0.74%	61	0.75%
Nevada	4	0.45%	8	0.39%	18	0.51%	19	0.40%	23	0.40%	30	0.44%	45	0.55%
New Hampshire	2	0.22%	7	0.34%	8	0.22%	9	0.19%	12	0.21%	16	0.24%	19	0.23%
New Jersey	8	0.89%	19	0.92%	38	1.07%	56	1.17%	67	1.16%	89	1.32%	134	1.64%
New Mexico	14	1.56%	21	1.01%	30	0.84%	42	0.88%	48	0.83%	56	0.83%	61	0.75%
New York	58	6.47%	130	6.27%	195	5.48%	248	5.17%	280	4.83%	318	4.71%	391	4.80%
North Carolina	27	3.01%	66	3.18%	121	3.40%	132	2.75%	147	2.54%	173	2.56%	202	2.48%
North Dakota			1	0.05%	1	0.03%	2	0.04%	2	0.03%	2	0.03%	2	0.02%
Ohio	16	1.78%	40	1.93%	88	2.47%	137	2.86%	171	2.95%	210	3.11%	299	3.67%
Oklahoma	4	0.45%	19	0.92%	30	0.84%	33	0.69%	37	0.64%	43	0.64%	54	0.66%
Oregon	1	0.11%	8	0.39%	23	0.65%	46	0.96%	51	0.88%	58	0.86%	73	0.90%
Other/Unknown	2	0.22%	3	0.14%	8	0.22%	15	0.31%	16	0.28%	19	0.28%	23	0.28%
Pennsylvania	21	2.34%	48	2.32%	93	2.61%	140	2.92%	171	2.95%	212	3.14%	264	3.24%
Puerto Rico	8	0.89%	25	1.21%	67	1.88%	164	3.42%	271	4.68%	294	4.36%	329	4.04%
Rhode Island			3	0.14%	3	0.08%	4	0.08%	6	0.10%	7	0.10%	11	0.14%
South Carolina	65	7.25%	82	3.96%	100	2.81%	112	2.34%	115	1.98%	124	1.84%	137	1.68%
South Dakota	1	0.11%	6	0.29%	8	0.22%	10	0.21%	11	0.19%	11	0.16%	11	0.14%
Tennessee	30	3.34%	56	2.70%	101	2.84%	134	2.80%	145	2.50%	157	2.33%	192	2.36%
Texas	68	7.58%	202	9.74%	329	9.24%	380	7.93%	435	7.51%	508	7.53%	626	7.68%
US Minor Outlying Islands			1	0.05%	1	0.03%	1	0.02%	1	0.02%	1	0.01%	1	0.01%
Utah	6	0.67%	11	0.53%	18	0.51%	27	0.56%	36	0.62%	42	0.62%	55	0.68%
Vermont			1	0.05%	1	0.03%	1	0.02%	1	0.02%	3	0.04%	3	0.04%
Virgin Islands, US							1	0.02%	1	0.02%	1	0.01%	1	0.01%
Virginia	17	1.90%	39	1.88%	68	1.91%	94	1.96%	103	1.78%	116	1.72%	137	1.68%
Washington	17	1.90%	38	1.83%	79	2.22%	101	2.11%	119	2.05%	135	2.00%	146	1.79%
West Virginia	4	0.45%	9	0.43%	19	0.53%	30	0.63%	31	0.53%	34	0.50%	39	0.48%
Wisconsin	14	1.56%	39	1.88%	74	2.08%	99	2.07%	117	2.02%	131	1.94%	161	1.98%
Wyoming	1	0.11%	2	0.10%	7	0.20%	13	0.27%	14	0.24%	15	0.22%	17	0.21%