

PharmCAS Volume Update

December 3, 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)
12/3/2021	15690	9356	517	680	5137	N/A	6334
12/3/2022	15268	9498	611	393	4766	42	5812
% Change	-2.7%	+1.5%	+18.2%	-42.2%	-7.2%	N/A	-8.2%

PharmCAS Applications

Date	All PharmCAS Applications	All Submitted Applications (includes all received, complete, and verified applications combined)	Mean # of Submitted Applications per Applicant
12/3/2021	50385	15703	2.48
12/3/2022	49836	15055	2.59
% Change	-1.1%	-4.1%	+4.5%

* 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 December 3, 2022

FINAL (enforced) PharmCAS Application Deadline	# of Public PharmCAS Programs	# of Private PharmCAS Programs	TOTAL # of PharmCAS Programs	PERCENTAGE of PharmCAS Programs
Nov. 1, 2022				
Dec. 1, 2022	4		4	3%
Jan. 4, 2023	6	1	7	5%
Feb. 1, 2023	8	5	13	9%
Mar. 1, 2023	11	5	16	11%
Apr. 3, 2023	7	3	10	7%
May 1, 2023	9	9	18	12%
Jun. 1, 2023	21	61	82	55%

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
December 3, 2021 vs. December 3, 2022

PharmCAS Programs for 2021-22 & 2022-23	Mean # of Applicants Per Program 12/3/2021	Mean # of Applicants Per Program 12/3/2022	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 12/3/2021	Median # of Applicants Per Program 12/3/2022	Range in # of Applicants Per Program 12/3/2021		Range in # of Applicants Per Program 12/3/2022		Total # of Applicants for Group of Programs 12/3/2022
				MIN	MAX						MIN	MAX	MIN	MAX	
All	107.2	103.9	-3.0%	-59%	243%	40.9%	56.2%	2.9%	87	82	5	357	8	389	14240
Public	132.4	130.7	-1.3%	-41%	100%	45.5%	50.0%	4.5%	111	107	16	357	13	389	8627
Private	83.7	79.1	-5.5%	-59%	243%	36.6%	62.0%	1.4%	75	69	5	223	8	257	5613
Districts 1 & 2	73.7	74.2	0.7%	-59%	243%	44.1%	52.9%	2.9%	64	60	5	164	8	247	2524
District 3	120.3	130.8	8.7%	-29%	95%	66.7%	33.3%	0.0%	101	109	22	357	29	389	3923
District 4	108.5	109.0	0.4%	-46%	85%	27.3%	63.6%	9.1%	78	93	23	214	21	294	2397
Districts 5, 6, 7	111.0	103.8	-6.5%	-41%	113%	37.9%	58.6%	3.4%	90	92	22	290	21	276	3011
District 8	134.5	108.4	-19.4%	-49%	30%	18.2%	81.8%	0.0%	99	81	16	323	19	273	2385

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 2nd (2021-22) column and 3rd (2022-23) column of this table. One applicant may be represented in multiple groups. Table reflects program data as of December 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
December 3, 2021 vs. December 3, 2022

PharmCAS Programs for 2021-22 & 2022-23	Mean # of Applicants Per Program 12/3/2021	Mean # of Applicants Per Program 12/3/2022	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 12/3/2021	Median # of Applicants Per Program 12/3/2022	Range in # of Applicants Per Program 12/3/2021		Range in # of Applicants Per Program 12/3/2022		Total # of Applicants for Group of Programs 12/3/2022
				MIN	MAX						MIN	MAX	MIN	MAX	
PharmCAS FINAL Application Deadlines															
Nov/Dec 2022 & Jan/Feb 2023	180.8	179.0	-1.0%	-43%	100%	40.9%	59.1%	0.0%	183	178	0	357	0	389	3937
Mar, Apr 2023	124.8	125.3	0.4%	-30%	113%	47.8%	47.8%	4.3%	143	134	37	214	39	202	2882
May 2023	90.9	85.7	-5.8%	-34%	30%	44.4%	55.6%	0.0%	84	74	22	271	21	223	1542
Jun 2023	83.7	79.4	-5.1%	-59%	243%	37.8%	58.1%	4.1%	73	65	5	223	8	257	5879
Program Structure in the PharmCAS School Directory (Programs identified as 0-6/7 are not reflected)															
2-3 Prg	94.0	82.5	-12.3%	-46%	25%	42.9%	57.1%	0.0%	85	72	32	305	22	208	1732
2-4 Prg	96.6	98.5	2.0%	-49%	85%	48.9%	48.9%	2.1%	90	91	16	222	19	294	4631
3-4 Prg & Other	87.5	72.6	-17.0%	-40%	-1%	0.0%	100.0%	0.0%	79	54	25	200	19	183	581
4 Prg	129.0	122.4	-5.1%	-59%	113%	37.5%	57.1%	5.4%	105	95	5	357	8	389	6855

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 2nd (2021-22) column and 3rd (2022-23) column of this table. One applicant may be represented in multiple groups. Table reflects program data as of December 3 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
December 3, 2021 vs. December 3, 2022

PharmCAS Programs for 2021-22 & 2022-23	Mean # of Applicants Per Program 12/3/2021	Mean # of Applicants Per Program 12/3/2022	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 12/3/2021	Median # of Applicants Per Program 12/3/2022	Range in # of Applicants Per Program 12/3/2021		Range in # of Applicants Per Program 12/3/2022		Total # of Applicants for Group of Programs 12/3/2022
				MIN	MAX						MIN	MAX			
PharmCAS PRIORITY Application Deadlines															
Oct 2022	152.8	146.1	-4.4%	-43%	100%	39.3%	57.1%	3.6%	144	142	29	357	19	389	4092
Nov 2022	121.5	117.4	-3.4%	-59%	85%	39.3%	60.7%	0.0%	112	108	5	221	8	239	3286
Dec 2022, Jan 2023	98.8	88.8	-10.1%	-49%	113%	50.0%	50.0%	0.0%	84	73	27	222	28	245	1598
Feb, Mar, Apr, May 2023	75.2	70.5	-6.3%	-46%	77%	29.4%	64.7%	5.9%	68	57	25	223	21	257	1198
None	85.7	88.4	3.1%	-36%	243%	43.5%	52.2%	4.3%	72	66	16	323	13	294	4066

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 2nd (2021-22) column and 3rd (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	12/3/22	% of Pool
Alabama	25	2.79%	49	2.36%	73	2.05%	87	1.81%
Alaska							2	0.04%
Arizona	29	3.23%	58	2.80%	102	2.86%	134	2.80%
Arkansas	7	0.78%	24	1.16%	44	1.24%	55	1.15%
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California	86	9.59%	189	9.12%	293	8.23%	402	8.39%
Colorado	9	1.00%	21	1.01%	40	1.12%	55	1.15%
Connecticut	3	0.33%	9	0.43%	15	0.42%	18	0.38%
Delaware			3	0.14%	7	0.20%	10	0.21%
Did Not Report								
D.C.			1	0.05%	1	0.03%	1	0.02%
Florida	57	6.35%	141	6.80%	242	6.80%	298	6.22%
Georgia	45	5.02%	83	4.00%	141	3.96%	190	3.96%
Guam			1	0.05%	1	0.03%	2	0.04%
Hawaii	4	0.45%	10	0.48%	16	0.45%	24	0.50%
Idaho	1	0.11%	8	0.39%	16	0.45%	22	0.46%
Illinois	28	3.12%	59	2.85%	130	3.65%	201	4.19%
Indiana	6	0.67%	14	0.68%	44	1.24%	122	2.54%
International	11	1.23%	45	2.17%	74	2.08%	119	2.48%
Iowa	17	1.90%	30	1.45%	47	1.32%	59	1.23%
Kansas	8	0.89%	17	0.82%	28	0.79%	35	0.73%
Kentucky	41	4.57%	61	2.94%	92	2.58%	115	2.40%
Louisiana	13	1.45%	21	1.01%	49	1.38%	72	1.50%
Maine			3	0.14%	6	0.17%	8	0.17%
Maryland	5	0.56%	13	0.63%	44	1.24%	67	1.40%
Massachusetts	7	0.78%	86	4.15%	111	3.12%	122	2.54%
Michigan	50	5.57%	119	5.74%	205	5.76%	244	5.09%

Minnesota	16	1.78%	37	1.78%	80	2.25%	92	1.92%
Mississippi	12	1.34%	16	0.77%	26	0.73%	45	0.94%
Missouri	24	2.68%	52	2.51%	68	1.91%	98	2.04%
Montana	2	0.22%	5	0.24%	6	0.17%	7	0.15%
Nebraska	3	0.33%	14	0.68%	32	0.90%	38	0.79%
Nevada	4	0.45%	8	0.39%	18	0.51%	19	0.40%
New Hampshire	2	0.22%	7	0.34%	8	0.22%	9	0.19%
New Jersey	8	0.89%	19	0.92%	38	1.07%	56	1.17%
New Mexico	14	1.56%	21	1.01%	30	0.84%	42	0.88%
New York	58	6.47%	130	6.27%	195	5.48%	248	5.17%
North Carolina	27	3.01%	66	3.18%	121	3.40%	132	2.75%
North Dakota			1	0.05%	1	0.03%	2	0.04%
Ohio	16	1.78%	40	1.93%	88	2.47%	137	2.86%
Oklahoma	4	0.45%	19	0.92%	30	0.84%	33	0.69%
Oregon	1	0.11%	8	0.39%	23	0.65%	46	0.96%
Other/Unknown	2	0.22%	3	0.14%	8	0.22%	15	0.31%
Pennsylvania	21	2.34%	48	2.32%	93	2.61%	140	2.92%
Puerto Rico	8	0.89%	25	1.21%	67	1.88%	164	3.42%
Rhode Island			3	0.14%	3	0.08%	4	0.08%
South Carolina	65	7.25%	82	3.96%	100	2.81%	112	2.34%
South Dakota	1	0.11%	6	0.29%	8	0.22%	10	0.21%
Tennessee	30	3.34%	56	2.70%	101	2.84%	134	2.80%
Texas	68	7.58%	202	9.74%	329	9.24%	380	7.93%
US Minor Outlying Islands			1	0.05%	1	0.03%	1	0.02%
Utah	6	0.67%	11	0.53%	18	0.51%	27	0.56%
Vermont			1	0.05%	1	0.03%	1	0.02%
Virgin Islands, US							1	0.02%
Virginia	17	1.90%	39	1.88%	68	1.91%	94	1.96%
Washington	17	1.90%	38	1.83%	79	2.22%	101	2.11%
West Virginia	4	0.45%	9	0.43%	19	0.53%	30	0.63%
Wisconsin	14	1.56%	39	1.88%	74	2.08%	99	2.07%
Wyoming	1	0.11%	2	0.10%	7	0.20%	13	0.27%