



American Association of Colleges of Pharmacy Alumni Survey

2023 National Summary Report

September 2023

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About the AACP Curriculum Quality Surveys

The Graduating Student, Alumni, Preceptor, and Faculty surveys were first released in 2007. These surveys were based on the Accreditation Council of Pharmacy Education’s (ACPE) 2007 Standards with the intention of gathering continuous improvement data for the colleges and schools of pharmacy.

In spring 2015, the AACP Institutional Research and Assessment Committee (IRAC), AACP staff, and ACPE staff revised these curriculum quality perception surveys to accommodate changes with the release of ACPE’s 2016 Standards. In 2018, IRAC decided to move the demographic questions on three of the curriculum quality surveys (Graduating Student, Preceptor, and Alumni) to the end of the survey instrument. The Faculty demographic question section was already at the end of the survey instrument.

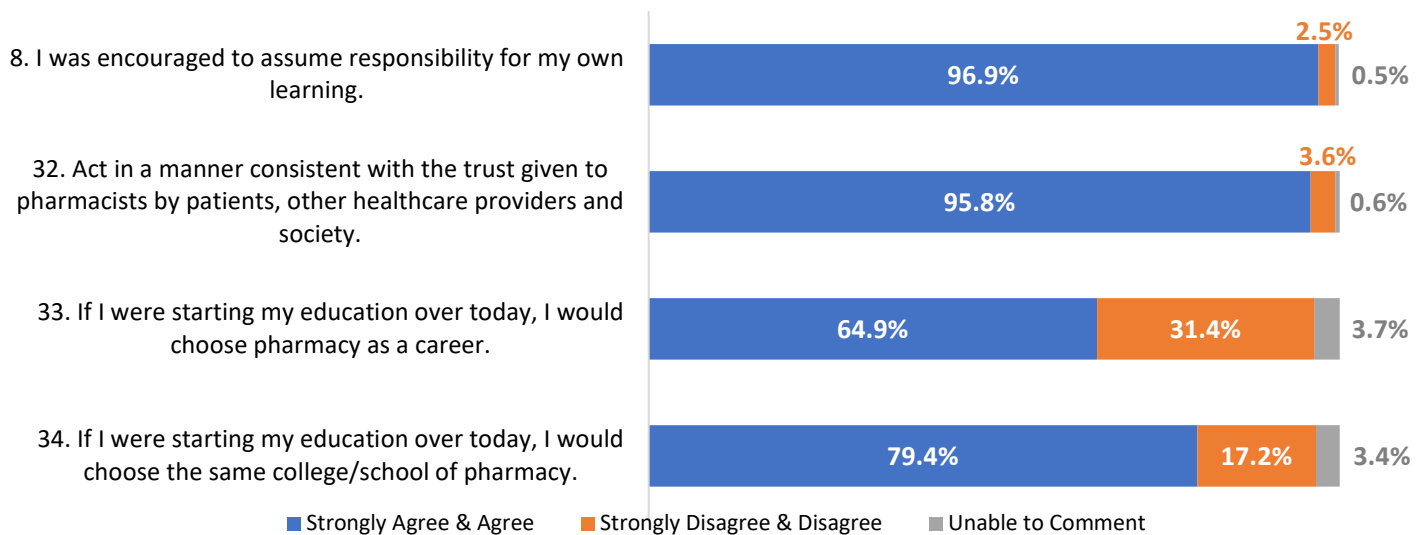
In 2021, IRAC decided to expand the demographic questions to include additional questions on race, ethnicity, English language proficiency, and first-generation student status. For the Alumni and Preceptor Surveys, the section containing these expanded demographic questions was made optional. The 2022 results reflect the first administration of these revised surveys.

2023 Administration

The Alumni Survey was made available for online access in the AACP Survey System on May 1, 2023. As of September 2023, 78 colleges and schools of pharmacy administered the survey to their 2018 – 2022 alumni classes. A total of 26,514 alumni were invited to complete the survey. Two thousand, and twenty-two (2,022) alumni submitted the survey for a total response rate of over seven percent (7.6%). Response rates per school ranged from .4 percent to 27.4 percent. For more information regarding this summary report or the administration of the survey, please contact the Office of Institutional Research and Effectiveness (data@aacp.org).

2023 Highlights

Overall, alumni surveyed in 2023 reported positive perceptions of their college/school of pharmacy and the profession. The statements with the highest overall level of agreement and disagreement are highlighted below.



2023 Alumni Survey National Summary Report

Total number of schools: 78 (37 public, 41 private)

Total number of responses: 2,022

Response Rate: 7.6%

Section I: Development/Communication

Please indicate the degree to which you agree or disagree with each statement.

	Strongly Agree	Agree	Disagree	Strongly Disagree	Unable to Comment
1. The college/school communicates effectively with alumni about college/school activities.	31.0% (627)	50.8% (1028)	9.6% (195)	3.6% (73)	4.9% (99)
2. The current Dean is providing leadership in pharmacy.	31.5% (636)	35.4% (715)	5.0% (101)	2.9% (58)	25.3% (512)
3. The current Dean encourages alumni to stay involved.	26.5% (536)	35.7% (722)	11.8% (238)	4.7% (95)	21.3% (431)

When I was a student...

	Strongly Agree	Agree	Disagree	Strongly Disagree	Unable to Comment
4. The faculty displayed respect for their colleagues and students.	51.2% (1036)	41.7% (843)	4.2% (84)	2.3% (47)	0.6% (12)
5. Faculty, administrators and staff served as positive role models for students.	53.0% (1072)	40.4% (816)	4.1% (82)	1.9% (39)	0.6% (13)
6. I knew what the program outcomes were.	49.9% (1008)	43.2% (873)	4.7% (95)	1.6% (33)	0.6% (13)
7. The curriculum provided opportunities to engage in active learning (e.g., laboratories, recitations, student portfolios, problem-based learning).	60.2% (1218)	35.3% (714)	2.4% (49)	1.6% (32)	0.4% (9)
8. I was encouraged to assume responsibility for my own learning.	61.7% (1248)	35.2% (711)	1.5% (31)	1.0% (21)	0.5% (11)
9. I was academically prepared to enter my advanced pharmacy practice experiences.	52.6% (1064)	38.8% (784)	5.3% (107)	2.8% (56)	0.5% (11)
10. The curriculum prepared me to enter my first pharmacy job.	46.6% (943)	39.6% (800)	7.3% (148)	4.2% (84)	2.3% (47)
11. Information was made available to me about additional educational opportunities (e.g. residencies, fellowships, graduate school).	49.5% (1001)	40.1% (811)	6.9% (140)	2.8% (56)	0.7% (14)

	Strongly Agree	Agree	Disagree	Strongly Disagree	Unable to Comment
12. Elective didactic courses permitted exploration of and/or advanced study in areas of professional interest.	46.3% (937)	42.6% (861)	6.6% (134)	3.3% (66)	1.2% (24)
13. My pharmacy practice experiences were of high quality.	51.1% (1033)	40.1% (810)	5.5% (111)	2.7% (55)	0.6% (13)

Section II: Curriculum

The Pharm.D. Program prepared me to...

Domain 1: Foundational Knowledge

	Strongly Agree	Agree	Disagree	Strongly Disagree	Unable to Comment
14. Apply knowledge from the foundational pharmaceutical and biomedical sciences to the provision of patient care.	47.1% (952)	46.3% (937)	4.3% (86)	1.5% (30)	0.8% (17)
15. Apply knowledge from the clinical sciences to the provision of patient care.	50.9% (1030)	43.8% (885)	3.2% (65)	1.5% (30)	0.6% (12)
16. Evaluate scientific literature.	48.1% (972)	43.6% (882)	5.9% (120)	1.8% (36)	0.6% (12)

Domain 2: Essentials for Practice

	Strongly Agree	Agree	Disagree	Strongly Disagree	Unable to Comment
17. Provide medication expertise as part of patient-centered care.	55.5% (1123)	39.9% (807)	2.7% (54)	1.2% (25)	0.6% (13)
18. Optimize the safety and efficacy of medication use systems (e.g., dispensing, administration, effects monitoring) to manage patient healthcare needs.	51.4% (1040)	41.7% (844)	4.3% (87)	1.7% (35)	0.8% (16)
19. Design strategies to manage chronic disease and improve health and wellness.	51.6% (1044)	42.8% (865)	3.3% (67)	1.3% (27)	0.9% (19)
20. Assess the health needs of a given patient population.	48.1% (973)	45.1% (911)	4.5% (91)	1.4% (29)	0.9% (18)
21. Provide patient-centered care based on evidence-based best practices.	56.6% (1145)	39.0% (789)	2.5% (51)	1.2% (25)	0.6% (12)

Domain 3: Approach to Practice and Care

	Strongly Agree	Agree	Disagree	Strongly Disagree	Unable to Comment
22. Design, implement and evaluate viable solutions to patient care problems.	49.1% (993)	44.8% (906)	3.7% (75)	1.4% (29)	0.9% (19)
23. Use effective strategies to educate patients, healthcare professionals and caregivers to improve patient care.	53.7% (1086)	41.3% (835)	2.9% (58)	1.4% (28)	0.7% (15)
24. Advocate for the patient's best interest.	54.9% (1111)	39.0% (789)	3.8% (76)	1.3% (26)	1.0% (20)
25. Engage as a member of an interprofessional healthcare team.	55.5% (1122)	38.5% (778)	3.8% (77)	1.5% (30)	0.7% (15)
26. Identify cultural disparities in healthcare.	46.8% (947)	42.8% (866)	7.0% (141)	2.0% (40)	1.4% (28)
27. Recognize and address cultural disparities in access to and delivery of healthcare.	46.2% (934)	42.6% (861)	7.8% (157)	2.0% (41)	1.4% (29)
28. Effectively communicate (verbal, non-verbal, written) when interacting with individuals, groups and organizations.	53.4% (1080)	41.3% (836)	3.3% (67)	1.3% (27)	0.6% (12)

Domain 4: Personal and Professional Development

	Strongly Agree	Agree	Disagree	Strongly Disagree	Unable to Comment
29. Examine and reflect on how my behavior and choices affect my personal and professional growth.	51.8% (1048)	40.2% (812)	4.9% (99)	2.2% (44)	0.9% (19)
30. Accept responsibility for creating and achieving shared goals.	53.7% (1086)	40.2% (813)	3.4% (68)	1.9% (39)	0.8% (16)
31. Develop new ideas and approaches to practice.	43.6% (882)	43.7% (883)	8.7% (176)	2.5% (50)	1.5% (31)
32. Act in a manner consistent with the trust given to pharmacists by patients, other healthcare providers and society.	57.5% (1163)	38.3% (775)	2.1% (42)	1.5% (30)	0.6% (12)

Section III: General Impressions

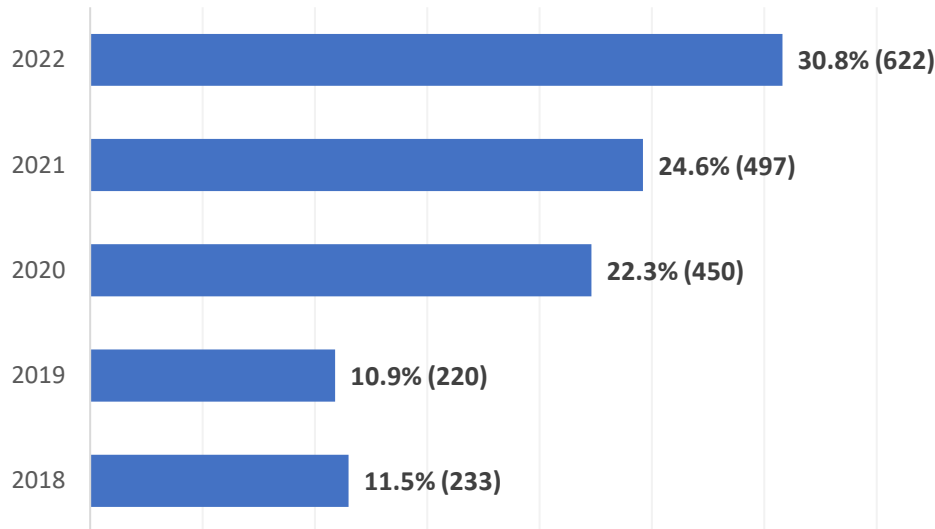
Please indicate the degree to which you agree or disagree with each statement.

	Strongly Agree	Agree	Disagree	Strongly Disagree	Unable to Comment
33. If I were starting my education over today, I would choose pharmacy as a career.	28.9% (585)	36.0% (727)	19.9% (403)	11.5% (232)	3.7% (75)
34. If I were starting my education over today, I would choose the same college/school of pharmacy.	46.8% (947)	32.6% (660)	8.9% (179)	8.3% (167)	3.4% (69)
35. I received a high quality pharmacy education.	54.3% (1097)	35.6% (719)	5.8% (118)	2.9% (58)	1.5% (30)

Question 36 is an open-ended comment question and not included in this report.

Section IV: Demographic Questions

37. Year of Graduation:



38. Please check the option below that best describes the learning environment in which you were enrolled:

	Response Percent	Response Total
Main campus	90.1%	1822
Distance/Satellite/Branch campus (enter city, state)	8.9%	180
Web-based program	1.0%	20

38(a). Did you apply for governmental (state or federal) student loan repayment programs?

	Response Percent	Response Total
Yes	64.5%	1305
No	35.5%	717

38(b). Did you receive governmental (state or federal) student loan repayment programs?

	Response Percent	Response Total
Yes	57.1%	1154
No	42.9%	868

39. In addition to receiving your Pharm.D. degree, have you completed or are you currently pursuing any type of postgraduate education/training?

	Response Percent	Response Total
Yes	41.1%	831
No	58.9%	1191

40. If the answer to Question #39 above is "Yes"; please check all that apply.

	Response Percent	Response Total
Master's; please specify type:	N/A	161
Other Professional Doctorate (JD, M.D., D.D.S.)	N/A	12
Ph.D.	N/A	23
Residency in Pharmacy Practice (any type)	N/A	598
Specialty Residency (e.g., Drug Information, Pediatric, Primary care)	N/A	198
Fellowship	N/A	80
Other	N/A	44

41. What is your level of involvement with the school or college?

	Response Percent	Response Total
None	34.7%	702
Minimal	40.0%	808
Moderate	18.1%	366
Heavy	7.2%	146

42. To what extent are you employed in pharmacy? (Check all that apply)

	Response Percent	Response Total
Part-time	N/A	181
Full time (35 hrs and above)	N/A	1706
Not currently practicing	N/A	116
No longer in pharmacy profession	N/A	31
Student (post graduate education/training)	N/A	128

43. In which state are you primarily practicing?*

	Response Percent	Response Total
NOT APPLICABLE	5.1%	101
Alabama (AL)	1.3%	25
Alaska (AK)	0.3%	5
American Samoa	0%	0
Arizona (AZ)	2.3%	46
Arkansas (AR)	0.8%	15
California (CA)	12.7%	253
Colorado (CO)	0.9%	18
Connecticut (CT)	1.2%	24
Delaware (DE)	0.2%	4
Dist. of Columbia (DC)	0.3%	6
Florida (FL)	3.7%	73
Georgia (GA)	2.1%	42
Guam	0%	0
Hawaii (HI)	0%	0
Idaho (ID)	0.6%	11
Illinois (IL)	5.9%	117
Indiana (IN)	0.7%	14
Iowa (IA)	1.2%	23
Kansas (KS)	1.2%	24
Kentucky (KY)	1.2%	24
Louisiana (LA)	0.6%	12
Maine (ME)	0.6%	11
Maryland (MD)	1.9%	38
Massachusetts (MA)	2.1%	42
Michigan (MI)	1.5%	29
Midway Islands	0%	0
Minnesota (MN)	2.5%	49
Mississippi (MS)	1.0%	19
Missouri (MO)	1.1%	21
Montana (MT)	2.8%	55
Nebraska (NE)	0.2%	4
Nevada (NV)	0.4%	8
New Hampshire (NH)	0.6%	11
New Jersey (NJ)	2.7%	54
New Mexico (NM)	1.3%	26
New York (NY)	3.7%	73
North Carolina (NC)	4.4%	88
North Dakota (ND)	1.0%	19
Ohio (OH)	3.7%	73
Oklahoma (OK)	0.1%	2
Oregon (OR)	1.1%	22
Pennsylvania (PA)	4.4%	88
Puerto Rico	0.9%	18
Rhode Island (RI)	0.1%	2
South Carolina (SC)	0.7%	13
South Dakota (SD)	0.5%	10
Tennessee (TN)	2.4%	47
Texas (TX)	8.0%	159
Utah (UT)	0.4%	8
Vermont (VT)	0.1%	1
Virgin Islands	0%	0
Virginia (VA)	2.4%	48
Wake Islands	0%	0
Washington (WA)	1.1%	21
West Virginia (WV)	1.6%	31
Wisconsin (WI)	2.9%	58
Wyoming (WY)	0.3%	6

44. In what type of setting are you primarily practicing or employed?

	Response Percent	Response Total
Chain community pharmacy	N/A	604
Independent community pharmacy	N/A	192
Hospital	N/A	770
Clinic-based pharmacy	N/A	239
Consultant	N/A	52
Home care	N/A	11
Nursing home/Long-term care facility	N/A	43
Academia	N/A	91
Association management	N/A	5
Pharmaceutical industry	N/A	115
Managed care	N/A	58
Government or regulatory agency	N/A	78
Other Pharmacy Related Field	N/A	141
Non-Pharmacy related field	N/A	13
Not currently employed	N/A	64

45. In which pharmacy organizations are you currently a member? (Check all that apply)

	Response Percent	Response Total
APhA	N/A	594
ASHP	N/A	508
AMCP	N/A	44
AACP	N/A	33
ACCP	N/A	151
ASCP	N/A	16
NCPA	N/A	59
State Pharmacy Association	N/A	415
Other	N/A	207
None	N/A	864

46. In the pharmacy organization with which you are most engaged, how would you assess your level of involvement?

	Response Percent	Response Total
Minimal (occasionally attend meetings)	74.5%	863
Moderate (regularly attend meetings, occasionally serve on committees)	17.1%	198
Heavy (regularly serve on committees and/or serve as an officer)	8.4%	97

47. Are you currently serving, or have you served in the past as a preceptor for any pharmacy students?

	Response Percent	Response Total
Yes	41.7%	843
No	58.3%	1179

48(a). How do you describe yourself?

	Response Percent	Response Total
Female	60.2%	1199
Trans Female/Trans Woman	0.2%	3
Male	35.2%	702
Trans Male/Trans Man	0.1%	2
Other not listed above	0.3%	5
Prefer not to disclose	4.1%	82

48(b). Do you consider yourself to be:

	Response Percent	Response Total
Heterosexual or Straight	86.7%	1716
Gay or Lesbian	2.9%	58
Bisexual	2.5%	49
Other not listed above	1.0%	19
Prefer not to disclose	7.0%	138

49. Are you of Hispanic, Latino, or Spanish origin?

	Response Percent	Response Total
No, not of Hispanic, Latino, or Spanish origin	85.6%	1700
Yes, Mexican, Mexican American, Chicano	3.6%	71
Yes, Puerto Rican	1.9%	37
Yes, Cuban	0.7%	13
Yes, another Hispanic, Latino, or Spanish Origin	2.1%	41
Prefer not to disclose	6.2%	123

50. I identify as (check all that apply):

	Response Percent^a	Response Total
American Indian or Alaska Native	1.0%	20
Asian	22.1%	435
Black or African American	8.6%	170
Middle Eastern or North African	3.8%	74
Native Hawaiian or Other Pacific Islander	0.4%	7
White	58.3%	1146
Other not listed above	1.8%	36
Prefer not to disclose	7.7%	152

a. Respondents were able to select multiple options; therefore, percentages do not represent mutually exclusive answer choices and may not total to 100%.

51. When you were a student, did you identify as a first-generation student?

	Response Percent	Response Total
Yes, neither of my parents completed a college/university degree	33.4%	662
No	62.3%	1235
Prefer not to disclose	4.3%	86

52. Which is the language you know best?

	Response Percent	Response Total
English	89.9%	1784
Other	6.5%	130
Prefer not to disclose	3.6%	71

53. How would you describe your English Language Proficiency?

	Response Percent	Response Total
Native	76.4%	1516
Advanced	17.9%	356
Intermediate	2.1%	41
Beginner	0%	0
Prefer not to disclose	3.6%	72