



THE ASSOCIATION OF FACULTIES
OF MEDICINE OF CANADA

The AFMC Student Questionnaires

Pre-Clerkship Questionnaire National Report 2024



Table of Contents

Introduction	2
Data Collection and Reporting.....	3
Selected Findings	4
Overall Rating of Medical Education	5
Enrolment	6
Demographic Information	7
Financial Information.....	11
Career Planning and Intentions	12
Transition to Clerkship	22
Pre-clinical Education.....	23
Professionalism.....	26
General Skills	28
Research	30
School Administration, Student Affairs and Student Services	31
Mistreatment.....	36
Wellness	40

Note: The results presented in these data tables are based on the responses of a self-selecting sample from a census of MD students studying at a Canadian faculty of medicine. These responses should not be extrapolated to the entire medical student population. Percentages may not add to 100 due to rounding.

Introduction

The AFMC is pleased to present the AFMC Student Questionnaire 2024 – Pre-Clerkship Questionnaire (ASQ – PC) National Report. The ASQ PC is the result of the collaborative effort of medical educators, representatives from Canadian faculties of medicine, delegates of the Committee on Accreditation of Canadian Medical Schools (CACMS), students, and residents, supported by AFMC staff. The ASQ PC is part of the AFMC Student Questionnaires (ASQ) series of surveys.

The goal of the ASQ suite is to survey MD students at the most appropriate times during their MD journey. Learners are asked about their experiences upon entry with the MD Entry Survey, before clerkship with the Pre-Clerkship Survey and at the end with the Graduation Questionnaire. Learners are also asked to describe their experiences in their own words.

This report captures data obtained from the pre-clerkship cohort in 2024 and represents the middle of the ASQ cycle that will conclude in 2026 (or 2025 for 3-year schools) for undergraduate learners. Most faculties are already participating in all three surveys to provide a complete picture of the learner's journey through their program. AFMC is collaborating closely with the faculties who are not yet participating and proposing ways to accommodate their transition to ASQ. Thank you to all the faculties that have joined the ASQ and we eagerly await the remaining faculties to join this valuable initiative.

Data Collection and Reporting

The target population for the 2024 AFMC PC was the 1509 students who were registered in active studies in the MD program at one of the following participating Faculties of Medicine: McMaster University, Memorial University of Newfoundland, Northern Ontario School of Medicine, Université de Montréal, University of Alberta, University of Calgary, University of Manitoba, University of Ottawa, , and Western University.

The 2024 AFMC PC was available in English and French and eligible students were e-mailed a unique, private link to gain access to the online survey. This customized URL was automatically generated by the online survey platform. Neither the AFMC nor the schools can link a student to their URL. In this way, participants were ensured anonymity.

A questionnaire was considered completed if a respondent consented to the terms of the questionnaire and submitted the questionnaire. We received 569 completed questionnaires, for a national response rate of 37.7%.

To uphold rigorous standards of participant anonymity and the confidentiality of responses, only aggregate data are reported by AFMC. The AFMC produces a publicly available national report, combining data from all schools. Each faculty is also provided with a report that aggregates responses at the faculty and, if applicable, campus levels. These reports are not publicly disseminated by AFMC. No report is issued if there are fewer than 10 respondents for that reporting level (e.g., if a campus has fewer than 10 respondents). Faculty response rates ranged from 21.2% to 85.2%.

Responses to questions about finances or research experience could, on their own, reveal information about the identity of a respondent. For this reason, no results are reported when fewer than 5 respondents selected a response option for these questions.

Individual-level data will not be made publicly available by the AFMC. Clean and de-identified data are available to participating faculties upon request.

Interpretation of Results

Results obtained are not based on a random sample and respondents were self-selecting. For this reason, extreme caution must be applied when performing comparisons or drawing conclusions based on this non-random sample.

When appropriate, standard deviations of the results are presented. This statistic is useful to assess the distribution of the answers to a question. The standard deviations in this report are not meant to be used to build confidence intervals or infer statistical significance.

For more information on the 2024 AFMC PC please visit [AFMC Student Questionnaires \(ASQ\)](#) or send inquiries to asq@afmc.ca.

Selected Findings

When asked how many attended Pre-Clerkship courses/lectures, students marked “most of the time”.

When asked how many attended Pre-Clerkship courses/lectures (In-person), 69.1% of students indicated that they attended “most of the time”. An increase from 48.7% in 2023.

More students have participated in research projects or other scholarly activities with faculty members.

When asked if they participated in research projects or other scholarly activities with faculty members, whether it was required for a course or self-initiated, 85.4% answered yes. An increase from 78.4% in 2023.

When asked how satisfied they are with programs/activities that promote effective stress management, a balanced lifestyle, and overall well-being.

When asked how satisfied they are with programs/activities that promote effective stress management, a balanced lifestyle, and overall well-being, 64.5% were satisfied, and 14.3% were very satisfied. An increase from 58% satisfied and 10.9% very satisfied in 2023.

When asked if they were aware of their schools’ policies regarding the mistreatment of medical students.

When asked if they were aware of their schools’ policies regarding the mistreatment of medical students, 96.1% answered yes. An increase from 94.8% in 2023.

When asked if debt levels are affecting their stress levels.

When asked if debt level was affecting their stress levels, 72.1% answered yes and 28% answered no, which isn’t a dramatic change from 2023 numbers which were: 72.6% answered yes, and 27.4% answered no.



Overall Rating of Medical Education

1a Please rate the quality of your medical education to date.

Response options: Poor; Fair; Good; Very Good; Excellent.

For the purposes of analysis, the response options listed above were coded from 1 to 5, respectively.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
Poor	15	4.1	20	3.7	17	3.5
Fair	73	19.8	98	18.2	94	19.2
Good	159	43.1	206	38.3	189	38.6
Very Good	109	29.5	183	34.0	151	30.8
Excellent	13	3.5	31	5.8	39	8.0

1b Please rate the quality of your medical education to date.

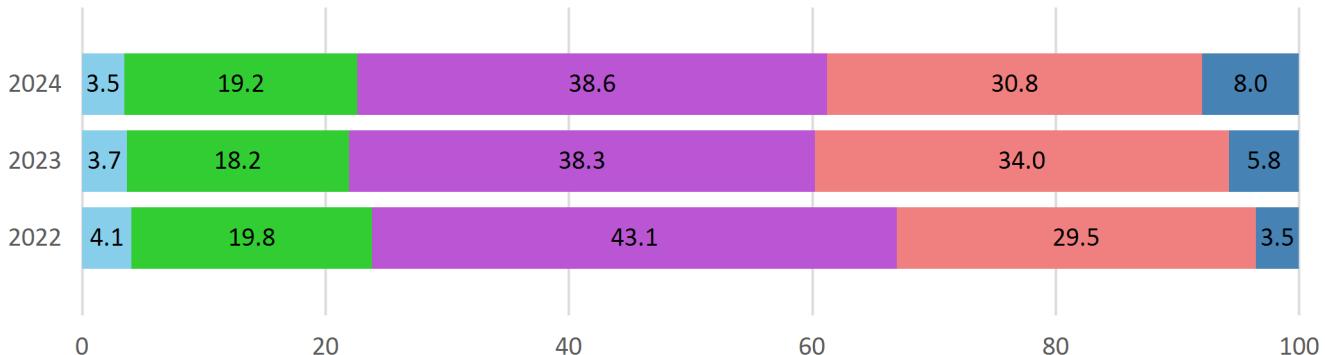
Response options: Poor; Fair; Good; Very Good; Excellent.

For the purposes of analysis, the response options listed above were coded from 1 to 5, respectively.

		Respondents	Mean	Standard Deviation
Overall Rating	2024	490	3.21	0.96
	2023	538	3.20	0.93
	2022	369	3.09	0.89

Overall Rating

Poor Fair Good Very Good Excellent



Enrolment

2 Please select all the degree program(s) that you are currently enrolled in.

Response options: MD; MD/PHD; MD/MPH; Other joint program; Other program enrolled separately.

Note: As this is a multi-select question, counts may not add up to the total number of respondents and percentages may not sum to 100%.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
MD	351	94.9	527	97.6	474	96.9
MD/PHD	8	2.2	6	1.1	8	1.6
MD/MPH	1	0.3	0	0.0	0	0.0
Other joint program	13	3.5	7	1.3	11	2.2
Other program enrolled separately	1	0.3	4	0.7	1	0.2
Number of Respondents	370	100.0	540	100.0	489	100.0

Demographic Information

3 What is your gender identity?

Response options: Male; Female; Trans male/trans man; Trans female/trans woman; Gender queer/gender non-conforming; Different identity.

Note: Counts and percentages are suppressed (shown as “–”) when fewer than 3 individuals are represented. Additional suppression is applied where needed to prevent back-calculation.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
Male	117	32.1	180	33.5	145	29.7
Female	240	65.8	349	65.0	334	68.3
Trans male/trans man	-	-	-	-	0	0.0
Trans female/trans woman	-	-	0	0.0	0	0.0
Gender queer/gender non-conforming	4	1.1	5	0.9	-	-
Different identity	-	-	-	-	-	-
Number of Respondents	365	100.0	537	100.0	489	100.0

4 What is your sexual orientation?

Response options: Asexual; Bisexual; Heterosexual or straight; Pansexual; Gay or lesbian; Queer; Two-spirited; Other.

Note: As this is a multi-select question, counts may not add up to the total number of respondents and percentages may not sum to 100%. Counts and percentages are suppressed (shown as “–”) when fewer than 3 individuals are represented. Additional suppression is applied where needed to prevent back-calculation.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
Asexual	7	1.9	-	-	6	1.3
Bisexual	28	7.8	52	9.9	42	8.8
Heterosexual or straight	303	84.4	432	82.0	403	84.3
Pansexual	-	-	12	2.3	8	1.7
Gay or lesbian	11	3.1	35	6.6	18	3.8
Queer	15	4.2	24	4.6	13	2.7
Two-spirited	-	-	-	-	0	0.0
Other	5	1.4	0	0.0	0	0.0
Number of Respondents	359	100.0	527	100.0	478	100.0

5 Do you belong to a visible minority and/or are you a racialized person?

Response options: Yes; No.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
Yes	133	36.6	200	37.4	188	38.8
No	230	63.4	335	62.6	296	61.2
Number of Respondents	363	100.0	535	100.0	484	100.0

6 What is your ethnocultural background?

Response options: Indigenous; Arab; Black; Chinese; Filipino; Japanese; Korean; Latin American; South Asian (e.g., East Indian, Pakistani, Sri Lankan, etc.); Southeast Asian (e.g., Vietnamese, Cambodian, Laotian, Thai, etc.); West Asian (e.g., Iranian, Afghan, etc.); White/Caucasian; Other.

Note: As this is a multi-select question, counts may not add up to the total number of respondents and percentages may not sum to 100%. Counts and percentages are suppressed (shown as “–”) when fewer than 3 individuals are represented. Additional suppression is applied where needed to prevent back-calculation.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
Indigenous	17	4.7	31	5.9	22	4.6
Arab	18	5.0	26	4.9	20	4.1
Black	14	3.9	16	3.0	12	2.5
Chinese	26	7.2	52	9.8	62	12.9
Filipino	4	1.1	4	0.8	-	-
Japanese	-	-	3	0.6	-	-
Korean	4	1.1	14	2.6	7	1.5
Latin American	6	1.7	11	2.1	7	1.5
South Asian (e.g., East Indian, Pakistani, Sri Lankan, etc.)	50	13.9	75	14.2	63	13.1
Southeast Asian (e.g., Vietnamese, Cambodian, Laotian, Thai, etc.)	-	-	6	1.1	13	2.7
West Asian (e.g., Iranian, Afghan, etc.)	8	2.2	12	2.3	6	1.2
White/Caucasian	223	61.9	330	62.4	299	62.0
Other	14	3.9	17	3.2	22	4.6
Number of Respondents	360	100.0	529	100.0	482	100.0

6a

As a member of First Nations, Métis or Inuit, please select the nation with which you identify.

Response options: Inuit; Métis; First Nation; Other.

Note: This question was presented only to respondents who indicated an Indigenous ethnocultural background in Table 6. Counts and percentages are suppressed (shown as “–”) when fewer than 3 individuals are represented. Additional suppression is applied where needed to prevent back-calculation.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
Inuit	0	0.0	-	-	0	0.0
Métis	9	52.9	18	58.1	7	31.8
First Nation	-	-	-	-	15	68.2
Other	-	-	0	0.0	0	0.0
Number of Respondents	17	100.0	31	100.0	22	100.0

6b

In recognition of the diversity of culture and experience within the Black population in North America, please select the community you MOST identify with.

Response options: African; African Canadian; Black Nova Scotian; Black-indigenous; African-American; Afro-Caribbean; Afro-Latin American; Other.

Note: This question was presented only to respondents who indicated a Black ethnocultural background in Table 6. Counts and percentages are suppressed (shown as “–”) when fewer than 3 individuals are represented. Additional suppression is applied where needed to prevent back-calculation.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
African	-	-	-	-	5	41.7
African Canadian	6	42.9	11	68.8	3	25.0
Afro-Caribbean	-	-	-	-	4	33.3
Number of Respondents	14	100.0	16	100.0	12	100.0

7

Which of the following terms describes your current relationship status?

Response options: Single; Dedicated relationship (married, common law, civil union, etc.); Divorced; Widowed.

Note: Counts and percentages are suppressed (shown as “–”) when fewer than 3 individuals are represented. Additional suppression is applied where needed to prevent back-calculation.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
Single	144	39.5	244	45.3	196	40.4
Dedicated relationship (married, common law, civil union, etc.)	221	60.5	295	54.7	287	59.2
Divorced	0	0.0	0	0.0	-	-
Widowed	0	0.0	0	0.0	-	-
Number of Respondents	365	100.0	539	100.0	485	100.0

8

Do you have any dependents for whom you are responsible?

Response options: Yes; No.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
Yes	39	10.7	35	6.5	25	5.1
No	327	89.3	503	93.5	462	94.9
Number of Respondents	366	100.0	538	100.0	487	100.0

9

In which of the following languages are you fluent?

Response options: English; French; Indigenous; Other.

Note: As this is a multi-select question, counts may not add up to the total number of respondents and percentages may not sum to 100%.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
English	359	97.8	531	98.3	478	98.0
French	122	33.2	149	27.6	150	30.7
Indigenous	4	1.1	3	0.6	4	0.8
Other	88	24.0	132	24.4	131	26.8
Number of Respondents	367	100.0	540	100.0	488	100.0

Financial Information

10 Has your family ever received federal or provincial financial assistance?

Response options: Yes; No.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
Yes	139	38.6	207	38.6	197	40.7
No	221	61.4	329	61.4	287	59.3
Number of Respondents	360	100.0	536	100.0	484	100.0

11 Is your debt level affecting your stress levels?

Response options: Yes, a lot; Yes, a little; No.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
Yes, a lot	93	25.3	120	22.2	119	24.3
Yes, a little	175	47.6	272	50.4	234	47.8
No	100	27.2	148	27.4	137	28.0
Number of Respondents	368	100.0	540	100.0	490	100.0

12 What do you anticipate your debt level to be after undergraduate medical school (CDN dollars)?

Response options: 0 (no debt) to 25,000; 25,001 to 50,000; 50,001 to 100,000; Over 100,000; I am not comfortable providing this information.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
0 (no debt) to 25,000	75	20.3	92	17.1	89	18.2
25,001 to 50,000	41	11.1	79	14.7	56	11.4
50,001 to 100,000	101	27.4	130	24.1	132	26.9
Over 100,000	141	38.2	219	40.6	196	40.0
I am not comfortable providing this information	11	3.0	19	3.5	17	3.5
Number of Respondents	369	100.0	539	100.0	490	100.0

Career Planning and Intentions

13

Please indicate your career intention(s) from the different activities listed below.

Response options: Clinical Practice; Research/Science; Education; Administration; I don't know.

Note: As this is a multi-select question, counts may not add up to the total number of respondents and percentages may not sum to 100%.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
Clinical Practice	363	98.6	529	98.1	485	99.2
Research/Science	123	33.4	165	30.6	151	30.9
Education	198	53.8	291	54.0	251	51.3
Administration	39	10.6	69	12.8	58	11.9
I don't know	16	4.3	31	5.8	21	4.3
Number of Respondents	368	100.0	539	100.0	489	100.0

What is your current preferred medical career? (Rank top three)

Response options: 1st Choice; 2nd Choice; 3rd Choice.

Note: 'Relative Frequency' shows the percentage of respondents who selected a given medical career in their top three choices, out of all responses. '1st Choice Frequency' shows the percentage of respondents who selected a given medical career as their first choice, out of all first-choice responses.

		Ratings (n)			Count	Relative Frequency (%)	1st Choice Frequency (%)
		1st Choice	2nd Choice	3rd Choice			
Family Medicine	2024	104	96	81	281	20.33	21.31
	2023	111	106	95	312	20.33	20.56
	2022	66	74	59	199	19.12	17.93
Anesthesiology	2024	29	24	25	78	5.64	5.94
	2023	37	28	22	87	5.67	6.85
	2022	20	15	15	50	4.80	5.43
Public Health and Preventive Medicine	2024	1	5	4	10	0.72	0.20
	2023	4	6	8	18	1.17	0.74
	2022	1	2	3	6	0.58	0.27
Dermatology	2024	19	3	1	23	1.66	3.89
	2023	11	6	4	21	1.37	2.04
	2022	10	3	7	20	1.92	2.72
Diagnostic Radiology	2024	12	7	7	26	1.88	2.46
	2023	18	11	5	34	2.21	3.33
	2022	11	7	4	22	2.11	2.99
Emergency Medicine	2024	33	51	31	115	8.32	6.76
	2023	48	65	39	152	9.90	8.89
	2022	28	34	40	102	9.80	7.61
Medical Genetics and Genomics	2024	1	1	3	5	0.36	0.20
	2023	2	2	7	11	0.72	0.37
	2022	2	2	2	6	0.58	0.54
Internal Medicine	2024	81	85	65	231	16.71	16.60
	2023	87	76	54	217	14.14	16.11
	2022	53	64	37	154	14.79	14.40
Neurology	2024	12	16	16	44	3.18	2.46
	2023	11	16	26	53	3.45	2.04
	2022	9	10	10	29	2.79	2.45

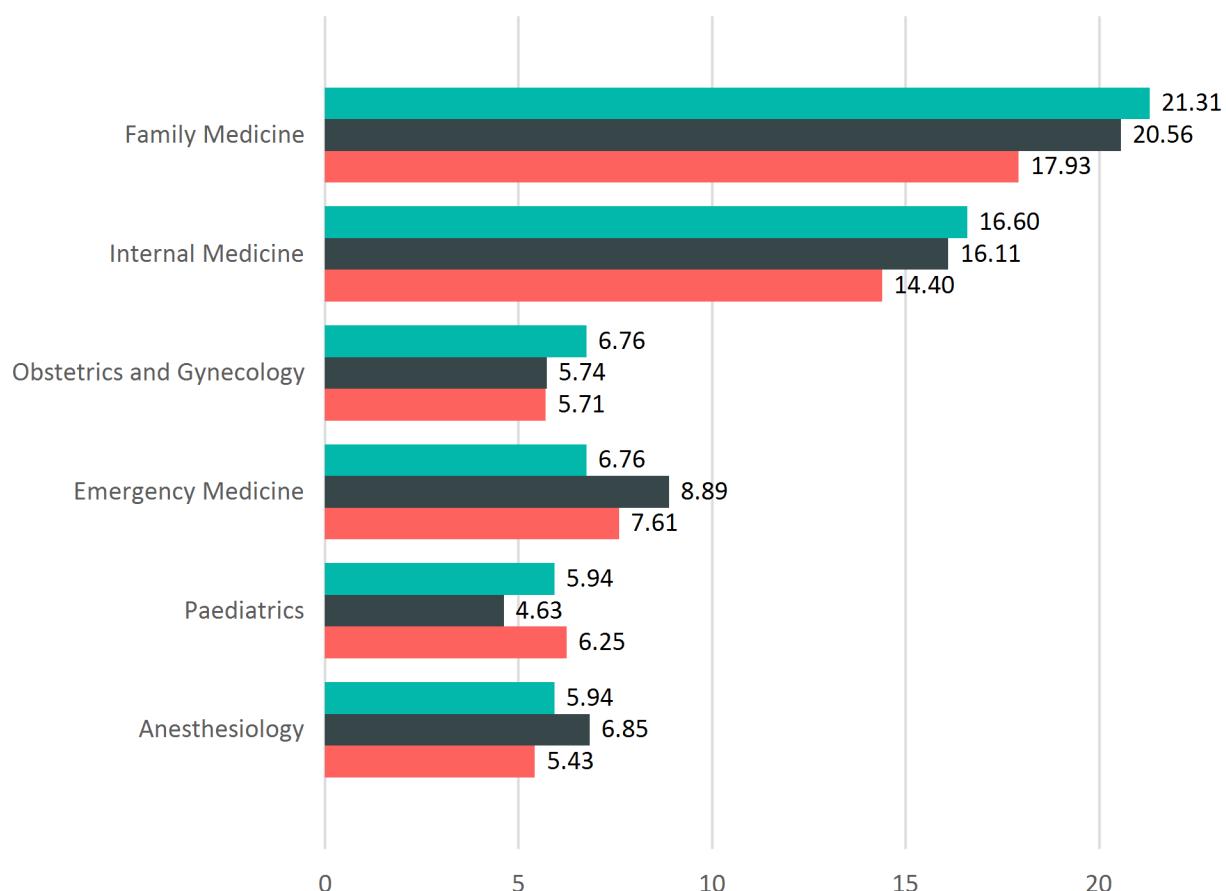
		Ratings (n)			Count	Relative Frequency (%)	1st Choice Frequency (%)
		1st Choice	2nd Choice	3rd Choice			
Nuclear Medicine	2024	1	3	1	5	0.36	0.20
	2023	1	2	2	5	0.33	0.19
	2022	0	0	1	1	0.10	0.00
Paediatrics	2024	29	41	38	108	7.81	5.94
	2023	25	44	50	119	7.75	4.63
	2022	23	23	22	68	6.53	6.25
Neurology - Pediatric	2024	2	6	4	12	0.87	0.41
	2023	1	5	6	12	0.78	0.19
	2022	2	5	7	14	1.34	0.54
Physical Medicine & Rehabilitation	2024	3	14	9	26	1.88	0.61
	2023	6	7	16	29	1.89	1.11
	2022	9	6	4	19	1.83	2.45
Psychiatry	2024	19	9	19	47	3.40	3.89
	2023	21	25	21	67	4.36	3.89
	2022	20	18	15	53	5.09	5.43
Radiation Oncology	2024	6	5	5	16	1.16	1.23
	2023	3	4	4	11	0.72	0.56
	2022	0	6	6	12	1.15	0.00
Medical Microbiology	2024	0	1	0	1	0.07	0.00
	2023	1	1	2	4	0.26	0.19
	2022	0	1	0	1	0.10	0.00
General Pathology	2024	2	2	5	9	0.65	0.41
	2023	2	2	3	7	0.46	0.37
	2022	0	3	1	4	0.38	0.00
Anatomical Pathology	2024	6	5	4	15	1.09	1.23
	2023	6	3	4	13	0.85	1.11
	2022	1	1	3	5	0.48	0.27

		Ratings (n)			Count	Relative Frequency (%)	1st Choice Frequency (%)
		1st Choice	2nd Choice	3rd Choice			
Hematological Pathology	2024	0	4	2	6	0.43	0.00
	2023	1	1	2	4	0.26	0.19
	2022	1	1	1	3	0.29	0.27
Neuropathology	2024	0	1	0	1	0.07	0.00
	2023	0	1	1	2	0.13	0.00
	2022	0	0	0	0	0.00	0.00
Cardiac Surgery	2024	3	0	0	3	0.22	0.61
	2023	3	2	1	6	0.39	0.56
	2022	1	3	4	8	0.77	0.27
Neurosurgery	2024	10	1	1	12	0.87	2.05
	2023	4	3	0	7	0.46	0.74
	2022	1	2	0	3	0.29	0.27
Obstetrics and Gynecology	2024	33	21	22	76	5.50	6.76
	2023	31	21	26	78	5.08	5.74
	2022	21	20	17	58	5.57	5.71
Ophthalmology	2024	11	0	2	13	0.94	2.25
	2023	8	4	2	14	0.91	1.48
	2022	6	3	3	12	1.15	1.63
Orthopedic Surgery	2024	9	9	9	27	1.95	1.84
	2023	12	10	6	28	1.82	2.22
	2022	17	6	7	30	2.88	4.62
Otolaryngology – Head and Neck Surgery	2024	10	8	4	22	1.59	2.05
	2023	9	8	7	24	1.56	1.67
	2022	9	4	4	17	1.63	2.45
Plastic Surgery	2024	9	8	6	23	1.66	1.84
	2023	11	9	3	23	1.50	2.04
	2022	11	13	2	26	2.50	2.99

		Ratings (n)			Count	Relative Frequency (%)	1st Choice Frequency (%)
		1st Choice	2nd Choice	3rd Choice			
General Surgery	2024	10	18	20	48	3.47	2.05
	2023	16	18	17	51	3.32	2.96
	2022	14	13	13	40	3.84	3.80
Urology	2024	5	5	5	15	1.09	1.02
	2023	7	4	7	18	1.17	1.30
	2022	4	2	2	8	0.77	1.09
Vascular Surgery	2024	3	3	5	11	0.80	0.61
	2023	4	2	2	8	0.52	0.74
	2022	2	1	2	5	0.48	0.54
Not ready to decide yet	2024	25	6	42	73	5.28	5.12
	2023	39	13	48	100	6.51	7.22
	2022	26	5	35	66	6.34	7.07

Top 5 Preferred Medical Careers by 1st Choice Frequency

2024 2023 2022



How important are the following factors in determining your preferred medical career?

Response options: Important; Somewhat important; Not important.

Note: Percentages (ratings) add to 100 across rows, not columns.

		Ratings (%)			Count
		Not Important	Somewhat Important	Important	
Personal interest	2024	0.0	1.9	98.1	485
	2023	0.4	4.1	95.5	539
	2022	0.0	3.5	96.5	367
Mentor/role model influence	2024	13.2	51.8	35.1	485
	2023	14.8	52.3	32.8	533
	2022	12.7	50.8	36.5	362
Lifestyle expectations	2024	1.2	18.3	80.5	487
	2023	1.7	22.4	75.9	536
	2022	3.0	17.8	79.2	366
Salary expectations	2024	15.7	46.8	37.5	485
	2023	16.1	53.6	30.3	535
	2022	20.8	45.1	34.2	366
Family expectations (spouse, parents, children, relatives)	2024	25.3	33.5	41.2	483
	2023	30.3	30.7	39.1	535
	2022	20.1	31.9	48.1	364
To meet the needs of an underserved patient population	2024	15.9	48.0	36.1	485
	2023	16.4	46.6	36.9	536
	2022	12.1	52.5	35.4	364
To meet the needs of my community	2024	12.0	45.5	42.6	484
	2023	13.4	43.1	43.5	536
	2022	11.3	47.7	41.0	363
Employment opportunity	2024	5.6	37.3	57.1	483
	2023	4.5	36.2	59.3	536
	2022	7.1	37.4	55.5	364
Your current debt load/financial situation	2024	36.8	39.2	24.0	487
	2023	39.7	36.3	24.0	534
	2022	42.9	35.7	21.4	364

16

Do you plan to work primarily in an underserved area?

Response options: Yes; No; Undecided.

Note: Underserved areas are geographic regions, usually rural and remote, that experience difficulty in recruiting and retaining sufficient numbers of health personnel to meet the needs of the population, or are undersupplied with certain health services (Bowen 2001).

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
Yes	61	16.6	94	17.5	92	18.9
No	127	34.6	180	33.5	143	29.3
Undecided	179	48.8	264	49.1	253	51.8
Number of Respondents	367	100.0	538	100.0	488	100.0

17

Please indicate your most likely future practice location.

Response options: Rural (population < 10,000); Town (population between 10,000 and 49,999); Small city (population between 50,000 and 99,999); Large Urban Centres (population greater than 100,000); Uncertain.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
Rural (population < 10,000)	20	5.4	29	5.4	32	6.6
Town (population between 10,000 and 49,999)	34	9.3	40	7.4	51	10.5
Small city (population between 50,000 and 99,999)	50	13.6	76	14.1	81	16.6
Large Urban Centres (population greater than 100,000)	204	55.6	287	53.1	242	49.6
Uncertain	59	16.1	108	20.0	82	16.8
Number of Respondents	367	100.0	540	100.0	488	100.0

Response options: 1st Choice; 2nd Choice.

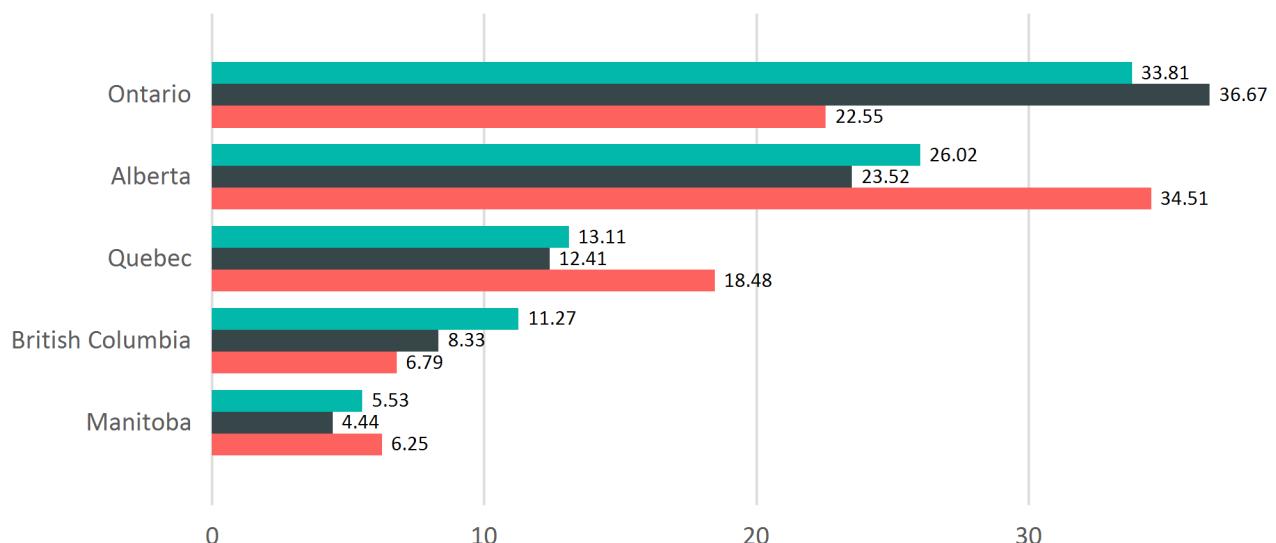
Note: 'Relative Frequency' shows the percentage of respondents who selected a given location in their top two choices, out of all responses. '1st Choice Frequency' shows the percentage of respondents who selected a given location as their first choice, out of all first-choice responses.

		Ratings (n)		Count	Relative Frequency (%)	1st Choice Frequency (%)
		1st Choice	2nd Choice			
Alberta	2024	127	52	179	19.19	26.02
	2023	127	83	210	20.15	23.52
	2022	127	36	163	23.12	34.51
British Columbia	2024	55	148	203	21.76	11.27
	2023	45	148	193	18.52	8.33
	2022	25	117	142	20.14	6.79
Manitoba	2024	27	5	32	3.43	5.53
	2023	24	9	33	3.17	4.44
	2022	23	1	24	3.40	6.25
New Brunswick	2024	1	5	6	0.64	0.20
	2023	3	3	6	0.58	0.56
	2022	4	8	12	1.70	1.09
Newfoundland and Labrador	2024	11	5	16	1.71	2.25
	2023	9	5	14	1.34	1.67
	2022	10	3	13	1.84	2.72
Nova Scotia	2024	7	17	24	2.57	1.43
	2023	13	28	41	3.93	2.41
	2022	7	25	32	4.54	1.90
Ontario	2024	165	81	246	26.37	33.81
	2023	198	71	269	25.82	36.67
	2022	83	58	141	20.00	22.55
Prince Edward Island	2024	0	4	4	0.43	0.00
	2023	0	2	2	0.19	0.00
	2022	0	2	2	0.28	0.00
Quebec	2024	64	8	72	7.72	13.11
	2023	67	18	85	8.16	12.41
	2022	68	7	75	10.64	18.48

		Ratings (n)		Count	Relative Frequency (%)	1st Choice Frequency (%)
		1st Choice	2nd Choice			
Saskatchewan	2024	1	4	5	0.54	0.20
	2023	18	11	29	2.78	3.33
	2022	0	3	3	0.43	0.00
Northwest Territories	2024	1	4	5	0.54	0.20
	2023	3	2	5	0.48	0.56
	2022	0	1	1	0.14	0.00
Nunavut	2024	0	0	0	0.00	0.00
	2023	0	3	3	0.29	0.00
	2022	0	2	2	0.28	0.00
Yukon	2024	0	1	1	0.11	0.00
	2023	2	1	3	0.29	0.37
	2022	1	2	3	0.43	0.27
Canada (province/territory undecided)	2024	26	76	102	10.93	5.33
	2023	23	86	109	10.46	4.26
	2022	17	42	59	8.37	4.62
United States	2024	2	20	22	2.36	0.41
	2023	5	12	17	1.63	0.93
	2022	0	10	10	1.42	0.00
Outside Canada/US	2024	1	15	16	1.71	0.20
	2023	3	20	23	2.21	0.56
	2022	3	20	23	3.26	0.82

Top 5 Preferred Locations by 1st Choice Frequency

2024 2023 2022



19

Do you plan to participate in a longitudinal integrated clerkship program?

Response options: Yes; No; Not Sure; Not Sure - I don't know what a longitudinal integrated clerkship is.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
Yes	59	16.0	85	15.8	75	15.4
No	188	51.1	228	42.3	228	46.7
Not Sure	6	1.6	20	3.7	9	1.8
Not Sure - I don't know what a longitudinal integrated clerkship is	115	31.3	206	38.2	176	36.1
Number of Respondents	368	100.0	539	100.0	488	100.0

Transition to Clerkship

20 Do you feel optimistic about having a career in medicine?

Response options: Yes, a lot; Yes, a little; No.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
Yes, a lot	219	59.3	339	63.0	329	67.3
Yes, a little	136	36.9	183	34.0	155	31.7
No	14	3.8	16	3.0	5	1.0
Number of Respondents	369	100.0	538	100.0	489	100.0

21a Do you perceive yourself as prepared to transition from pre-clerkship to clerkship?

Response options: Unprepared; Somewhat unprepared; Neutral; Somewhat prepared; Prepared.
For the purposes of analysis, the response options listed above were coded from 1 to 5, respectively.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
Unprepared	16	4.3	25	4.6	25	5.1
Somewhat unprepared	63	17.1	97	18.0	74	15.1
Neutral	54	14.7	88	16.4	70	14.3
Somewhat prepared	187	50.8	246	45.7	249	50.9
Prepared	48	13.0	82	15.2	71	14.5

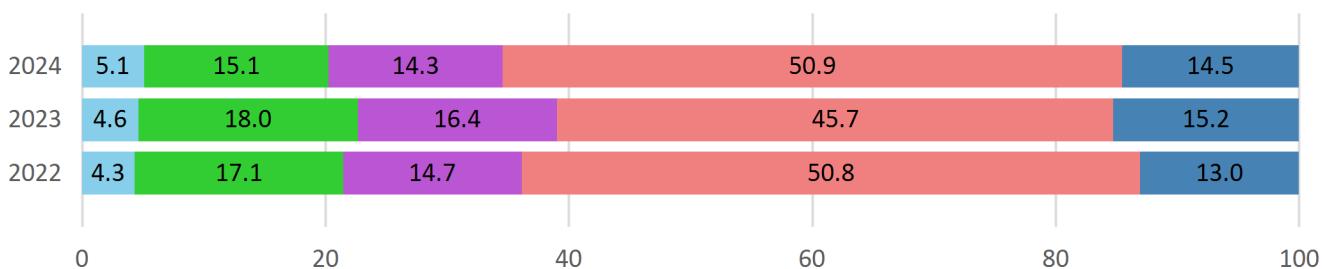
21b Do you perceive yourself as prepared to transition from pre-clerkship to clerkship?

Response options: Unprepared; Somewhat unprepared; Neutral; Somewhat prepared; Prepared.
For the purposes of analysis, the response options listed above were coded from 1 to 5, respectively.

		Respondents	Mean	Standard Deviation
Preparedness to Transition	2024	489	3.55	1.07
	2023	538	3.49	1.09
	2022	368	3.51	1.06

Preparedness to Transition

Unprepared Somewhat unprepared Neutral Somewhat prepared Prepared



Pre-clinical Education

22

Please describe how often you attend/ed:

Response options: Almost Never (0%-20%); Occasionally (21%-40%); Somewhat Often (41%-60%); Often (61%-80%); Most of the Time (81%-100%).

For the purposes of analysis, the response options listed above were coded from 1 to 5, respectively.

Note: Percentages (ratings) add to 100 across rows, not columns.

		Ratings (%)					Count	Mean	Standard Deviation
		Almost Never	Occasionally	Somewhat Often	Often	Most of the Time			
In-person pre-clerkship courses/lectures	2024	2.7	6.8	9.1	12.4	69.1	485	4.38	1.07
	2023	9.5	12.6	11.7	17.5	48.7	538	3.83	1.39
	2022	14.2	12.0	11.5	9.3	53.0	366	3.75	1.53
Virtual pre-clerkship courses/lectures	2024	4.3	5.8	9.7	16.3	64.0	486	4.30	1.13
	2023	6.3	10.4	11.0	17.1	55.1	537	4.04	1.28
	2022	5.2	9.9	11.3	14.0	59.6	364	4.13	1.25

Educational activities in the following areas helped me feel prepared for clinical training (clerkship):

Response options: Strongly Disagree; Disagree; Agree; Strongly Agree.

For the purposes of analysis, the response options listed above were coded from 1 to 4, respectively.

Note: Percentages (ratings) add to 100 across rows, not columns.

		Ratings (%)				Count	Mean	Standard Deviation
		Strongly Disagree	Disagree	Agree	Strongly Agree			
Behavioural/Social sciences	2024	6.8	16.6	56.3	20.3	469	2.90	0.80
	2023	4.7	19.3	63.2	12.9	513	2.84	0.70
	2022	4.8	23.7	60.2	11.3	354	2.78	0.70
Biochemistry	2024	13.5	39.2	40.7	6.6	467	2.40	0.80
	2023	15.9	43.9	37.7	2.5	517	2.27	0.75
	2022	12.6	45.7	36.7	5.0	357	2.34	0.76
Biostatistics and epidemiology	2024	10.0	31.8	51.2	7.0	469	2.55	0.77
	2023	7.4	33.1	53.4	6.0	513	2.58	0.72
	2022	6.5	32.8	54.8	5.9	354	2.60	0.70
Genetics	2024	8.0	32.7	54.2	5.2	465	2.57	0.71
	2023	7.0	32.2	55.0	5.8	513	2.60	0.71
	2022	6.5	31.8	54.8	6.8	352	2.62	0.71
Gross anatomy	2024	2.6	6.6	46.3	44.6	469	3.33	0.71
	2023	1.9	4.8	46.3	46.9	516	3.38	0.67
	2022	2.0	8.4	45.3	44.4	358	3.32	0.71
Immunology	2024	5.8	19.4	60.6	14.2	465	2.83	0.74
	2023	2.3	21.2	65.4	11.1	515	2.85	0.63
	2022	3.4	18.1	65.0	13.6	354	2.89	0.66
Microanatomy/Histology	2024	15.1	34.6	42.2	8.2	465	2.43	0.84
	2023	12.1	43.4	39.5	5.1	512	2.38	0.76
	2022	11.6	38.0	43.3	7.1	353	2.46	0.79
Microbiology	2024	11.0	24.6	52.8	11.6	464	2.65	0.83
	2023	5.8	30.5	52.5	11.1	514	2.69	0.74
	2022	6.6	26.9	54.3	12.3	350	2.72	0.76
Nutrition	2024	7.3	24.4	56.2	12.1	463	2.73	0.77
	2023	5.7	26.5	58.0	9.8	510	2.72	0.72
	2022	7.0	32.1	50.4	10.4	355	2.64	0.76

		Ratings (%)				Count	Mean	Standard Deviation
		Strongly Disagree	Disagree	Agree	Strongly Agree			
Pathology	2024	9.7	26.3	50.1	13.8	463	2.68	0.83
	2023	6.5	33.3	52.2	8.0	510	2.62	0.73
	2022	4.6	29.7	54.6	11.1	350	2.72	0.72
Pathophysiology	2024	3.2	9.0	42.9	44.8	466	3.29	0.76
	2023	1.9	8.2	43.2	46.7	514	3.35	0.71
	2022	1.1	8.2	47.3	43.3	353	3.33	0.67
Pharmacology	2024	6.7	20.8	41.2	31.3	466	2.97	0.89
	2023	3.7	13.4	47.4	35.5	515	3.15	0.79
	2022	3.9	14.0	54.2	27.8	356	3.06	0.76
Physiology	2024	1.7	6.5	44.0	47.8	464	3.38	0.68
	2023	1.0	5.8	45.4	47.8	515	3.40	0.64
	2022	1.1	4.8	53.9	40.2	356	3.33	0.62
Radiology/Imaging	2024	6.3	17.7	49.1	26.9	464	2.97	0.83
	2023	2.9	13.6	58.3	25.1	513	3.06	0.71
	2022	3.1	17.6	53.3	26.1	353	3.02	0.75

Professionalism

24

For each of the following beliefs/values and behaviours, indicate your level of agreement that it was emphasized in your pre-clerkship program:

Response options: Strongly Disagree – no emphasis; Disagree; Agree; Strongly Agree – heavily emphasized. For the purposes of analysis, the response options listed above were coded from 1 to 4, respectively.

Note: Percentages (ratings) add to 100 across rows, not columns.

		Ratings (%)				Count	Mean	Standard Deviation
		Strongly Disagree	Disagree	Agree	Strongly Agree			
A commitment to advocate at all times the interest of one's patients over one's own interests	2024	0.6	7.0	46.5	45.9	471	3.38	0.64
	2023	0.9	7.5	52.5	39.0	531	3.30	0.65
	2022	1.4	5.8	54.5	38.4	365	3.30	0.64
A commitment to advocate for access to health care for members of traditionally underserved populations	2024	0.2	3.8	37.7	58.3	470	3.54	0.58
	2023	0.8	6.2	40.9	52.1	530	3.44	0.65
	2022	1.1	9.6	43.8	45.5	365	3.34	0.69
The need to engage in lifelong learning to stay abreast of relevant scientific advances	2024	1.9	3.4	45.3	49.4	470	3.42	0.65
	2023	0.8	6.6	44.3	48.3	530	3.40	0.65
	2022	0.8	7.9	47.7	43.6	365	3.34	0.66
The threats to medical professionalism posed by conflicts of interest	2024	3.4	19.6	50.9	26.2	470	3.00	0.77
	2023	2.5	18.3	57.7	21.6	529	2.98	0.71
	2022	2.2	19.2	58.2	20.3	364	2.97	0.70
The compassionate treatment of patients	2024	0.2	1.1	33.1	65.6	471	3.64	0.51
	2023	0.6	3.9	38.9	56.6	532	3.52	0.60
	2022	0.3	3.0	40.9	55.8	364	3.52	0.57
Respect for the privacy and dignity of patients	2024	0.2	1.9	31.6	66.2	471	3.64	0.53
	2023	0.4	2.1	34.7	62.9	531	3.60	0.55
	2022	0.5	1.9	39.6	58.0	364	3.55	0.57
The value of honesty and integrity in all professional interactions	2024	1.1	3.6	39.8	55.5	470	3.50	0.62
	2023	0.8	4.3	42.1	52.8	530	3.47	0.62
	2022	0.6	3.9	47.1	48.5	363	3.44	0.60
The principles that govern ethical decision-making	2024	1.1	4.5	48.0	46.5	471	3.40	0.63
	2023	1.1	5.5	51.6	41.8	529	3.34	0.63
	2022	1.4	4.1	57.3	37.2	363	3.30	0.61

		Ratings (%)				Count	Mean	Standard Deviation
		Strongly Disagree	Disagree	Agree	Strongly Agree			
The major ethical dilemmas that arise in medicine	2024	2.1	7.0	54.4	36.5	471	3.25	0.68
	2023	1.7	11.2	51.6	35.5	529	3.21	0.70
	2022	1.1	6.1	57.7	35.1	362	3.27	0.62
The recognition and acceptance of limitations in one's own knowledge and skills	2024	1.7	7.1	50.0	41.2	468	3.31	0.68
	2023	2.1	10.4	50.2	37.4	530	3.23	0.71
	2022	1.7	11.3	51.2	35.8	363	3.21	0.70

General Skills

25

Communication Skills

Please indicate your level of agreement with the following statements. I am confident that I have acquired the appropriate knowledge and skills in my pre-clerkship training to:

Response options: Strongly Disagree; Disagree; Agree; Strongly Agree.

For the purposes of analysis, the response options listed above were coded from 1 to 4, respectively.

Note: Percentages (ratings) add to 100 across rows, not columns.

			Ratings (%)				Count	Mean	Standard Deviation
			Strongly Disagree	Disagree	Agree	Strongly Agree			
Communicate effectively with patients and their families	2024	0.4	2.3	41.6	53.8		476	3.54	0.60
	2023	1.1	2.8	41.4	53.2		532	3.51	0.64
	2022	0.3	4.7	46.6	47.4		365	3.44	0.62
Communicate with other physicians	2024	1.1	11.2	57.9	28.4		475	3.18	0.68
	2023	0.9	12.2	57.6	26.9		531	3.17	0.70
	2022	1.9	12.9	60.3	22.5		365	3.11	0.72
Communicate with other health professionals	2024	1.3	9.1	56.4	30.0		473	3.25	0.71
	2023	1.3	12.8	56.9	26.2		531	3.16	0.73
	2022	1.7	13.8	59.9	22.7		362	3.09	0.71
Provide safe-sex counselling to patients	2024	2.9	17.6	53.4	21.2		476	3.07	0.83
	2023	3.8	19.4	55.7	17.9		531	2.97	0.81
	2022	3.6	24.5	52.5	16.2		364	2.91	0.82
Discuss options with a patient and/or family members who request unnecessary/unwarranted tests or procedures	2024	3.0	23.4	49.2	18.8		474	3.01	0.88
	2023	3.8	23.9	51.7	16.5		532	2.93	0.85
	2022	4.6	24.0	51.4	16.1		366	2.90	0.86
Discuss the health practices of a patient using alternate therapies	2024	3.8	29.1	45.4	15.2		474	2.92	0.92
	2023	3.6	30.6	47.0	14.0		530	2.86	0.88
	2022	5.0	34.2	41.6	14.0		363	2.80	0.92

Information Technology Skills

Please indicate your level of agreement with the following statements. I am confident that I have acquired the appropriate knowledge and skills in my pre-clerkship training to:

Response options: Strongly Disagree; Disagree; Agree; Strongly Agree.

For the purposes of analysis, the response options listed above were coded from 1 to 4, respectively.

Note: Percentages (ratings) add to 100 across rows, not columns.

			Ratings (%)				Count	Mean	Standard Deviation
			Strongly Disagree	Disagree	Agree	Strongly Agree			
Use technology to access information at the time of a patient encounter if needed	2024	6.3	22.4	52.3	19.0		474	2.84	0.80
	2023	7.9	24.6	52.4	15.0		532	2.75	0.81
	2022	6.1	27.8	52.6	13.5		363	2.74	0.77
Access current research and best practices to ensure best delivery for patient care	2024	1.9	11.2	64.4	22.5		472	3.07	0.64
	2023	1.5	13.6	63.3	21.7		531	3.05	0.64
	2022	1.9	14.6	65.6	17.9		363	2.99	0.64
Access educational materials (videos/documents/seminars) for clerkship learning	2024	3.2	11.8	61.5	23.5		473	3.05	0.69
	2023	2.1	13.7	63.0	21.2		532	3.03	0.66
	2022	2.8	15.4	63.6	18.2		363	2.97	0.67
Access faculty/lecturers/tutors for clerkship learning	2024	3.8	21.5	56.8	17.9		470	2.89	0.73
	2023	3.8	22.9	58.2	15.1		529	2.85	0.71
	2022	3.0	22.5	63.2	11.3		364	2.83	0.66

Research

27a I participated in a research project or other scholarly activity with a faculty member.

Response options: Yes, was a required course; Yes, self initiated; No, I was not interested; No, the opportunity was not available; No, other.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
Yes, was a required course	64	17.6	128	23.7	154	31.7
Yes, self initiated	192	52.7	295	54.7	261	53.7
No, I was not interested	56	15.4	66	12.2	42	8.6
No, the opportunity was not available	44	12.1	33	6.1	19	3.9
No, other	8	2.2	17	3.2	10	2.1
Number of Respondents	364	100.0	539	100.0	486	100.0

27b If yes, how do you perceive the research component of your medical training?

Response options: Very important; Somewhat important; Not important.

Note: This question was presented only to respondents who indicated 'Yes' in Table 27a.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
Very important	72	28.1	113	26.8	105	25.8
Somewhat important	136	53.1	239	56.8	224	55.0
Not important	48	18.8	69	16.4	78	19.2
Number of Respondents	256	100.0	421	100.0	407	100.0

School Administration, Student Affairs and Student Services

28

Office of the Associate Dean for Educational Programs/Medical Education

Please indicate your level of satisfaction with the following:

Response options: Very Dissatisfied; Dissatisfied; Satisfied; Very Satisfied; Did not use. For the purposes of analysis, "Very Dissatisfied" to "Very Satisfied" were coded from 1 to 4, respectively.

Note: Percentages (ratings) add to 100 across rows, not columns.

		Ratings (%)				Ratings (n)			Did not use	Number of Respondents
		Very Dissatisfied	Dissatisfied	Satisfied	Very Satisfied	Count	Mean	Standard Deviation		
Accessibility of UGME Dean	2024	7.7	23.4	54.0	15.0	274	2.76	0.80	204	478
	2023	8.6	18.8	47.3	25.2	313	2.89	0.88	220	533
	2022	5.7	21.9	53.8	18.6	210	2.85	0.78	153	363
Accessibility of UGME staff	2024	3.7	12.1	58.4	25.8	380	3.06	0.72	97	477
	2023	3.0	9.3	51.0	36.6	429	3.21	0.73	101	530
	2022	2.4	10.1	55.2	32.2	286	3.17	0.70	80	366
Responsiveness to student problems	2024	14.9	33.2	38.3	13.6	397	2.51	0.91	80	477
	2023	12.2	24.8	46.6	16.4	451	2.67	0.89	82	533
	2022	17.6	30.9	39.1	12.4	307	2.46	0.92	59	366
Inclusion of students on key medical school committees and working groups	2024	8.7	18.3	55.0	18.1	393	2.82	0.83	86	479
	2023	6.4	14.9	53.6	25.1	422	2.97	0.81	110	532
	2022	9.7	17.0	53.5	19.8	288	2.83	0.86	76	364

Student Affairs/Student support services team

Please indicate your level of satisfaction with the following:

Response options: Very Dissatisfied; Dissatisfied; Satisfied; Very Satisfied; Did not use. For the purposes of analysis, "Very Dissatisfied" to "Very Satisfied" were coded from 1 to 4, respectively.

Note: Percentages (ratings) add to 100 across rows, not columns.

		Ratings (%)				Ratings (n)			Did not use	Number of Respondents
		Very Dissatisfied	Dissatisfied	Satisfied	Very Satisfied	Count	Mean	Standard Deviation		
Accessibility of Student Affairs Associate Dean	2024	6.4	9.8	59.4	24.4	234	3.02	0.77	236	470
	2023	2.1	10.0	51.5	36.4	291	3.22	0.71	238	529
	2022	4.3	11.7	56.9	27.1	188	3.07	0.75	173	361
Accessibility of Student Affairs Staff	2024	4.1	7.1	53.4	35.4	294	3.20	0.74	178	472
	2023	1.4	5.9	49.9	42.8	355	3.34	0.65	176	531
	2022	2.9	6.6	50.8	39.7	242	3.27	0.71	119	361
Support with Academic advising	2024	5.3	9.3	54.2	31.3	323	3.11	0.78	145	468
	2023	3.2	11.4	49.3	36.2	343	3.18	0.76	188	531
	2022	2.4	14.1	48.0	35.5	248	3.17	0.75	113	361
Support with personal counselling	2024	5.2	10.8	46.0	38.0	287	3.17	0.82	183	470
	2023	2.3	11.4	39.7	46.6	343	3.31	0.76	189	532
	2022	2.6	14.1	40.2	43.2	234	3.24	0.79	126	360
Support with accessing financial aid administrative resources/services	2024	8.1	19.5	51.8	20.6	272	2.85	0.84	195	467
	2023	8.7	21.0	51.2	19.2	334	2.81	0.84	197	531
	2022	4.1	13.3	54.4	28.2	241	3.07	0.76	120	361
Overall educational debt management counselling	2024	12.8	26.4	48.0	12.8	273	2.61	0.87	196	469
	2023	14.4	26.9	46.6	12.2	320	2.57	0.88	211	531
	2022	5.9	17.4	57.6	19.1	236	2.90	0.77	124	360
Responsiveness to student problems	2024	12.1	21.2	45.8	20.9	373	2.76	0.92	98	471
	2023	8.4	19.4	51.9	20.3	418	2.84	0.84	111	529
	2022	9.4	22.9	52.2	15.5	297	2.74	0.83	62	359
Includes students on key medical school committees and working groups	2024	7.0	15.2	57.3	20.5	342	2.91	0.79	126	468
	2023	2.9	10.0	60.4	26.6	379	3.11	0.69	151	530
	2022	5.7	14.8	59.8	19.7	264	2.94	0.75	96	360

30

How satisfied are you with programs/activities that promote effective stress management, a balanced lifestyle and overall wellbeing?

Response options: Very Dissatisfied; Dissatisfied; Satisfied; Very Satisfied; Not sure. For the purposes of analysis, "Very Dissatisfied" to "Very Satisfied" were coded from 1 to 4, respectively.

Note: Percentages (ratings) add to 100 across rows, not columns.

		Ratings (%)				Ratings (n)			Not Sure	Number of Respondents
		Very Dissatisfied	Dissatisfied	Satisfied	Very Satisfied	Count	Mean	Standard Deviation		
Well-being Programs	2024	4.4	16.9	64.5	14.3	456	2.89	0.69	26	482
	2023	6.4	24.8	58.0	10.9	488	2.73	0.74	45	533
	2022	6.7	28.0	56.5	8.8	329	2.67	0.73	35	364

31

Career Planning Services

Please indicate how satisfied you are with the office of student affairs and their ability to provide you support in the following areas:

Response options: Very Dissatisfied; Dissatisfied; Satisfied; Very Satisfied; Did not use. For the purposes of analysis, "Very Dissatisfied" to "Very Satisfied" were coded from 1 to 4, respectively.

Note: Percentages (ratings) add to 100 across rows, not columns.

		Ratings (%)				Ratings (n)			Did not use	Number of Respondents
		Very Dissatisfied	Dissatisfied	Satisfied	Very Satisfied	Count	Mean	Standard Deviation		
Career planning services	2024	5.4	17.1	58.7	18.8	351	2.91	0.75	124	475
	2023	3.2	20.0	55.7	21.1	370	2.95	0.73	162	532
	2022	3.3	23.3	57.8	15.6	275	2.86	0.71	89	364
Information about specialties	2024	5.3	21.8	58.2	14.7	380	2.82	0.74	96	476
	2023	5.3	21.7	57.3	15.7	433	2.83	0.75	99	532
	2022	3.7	24.4	60.2	11.7	299	2.80	0.69	62	361
Information about the changing workforce environment	2024	9.7	38.9	45.3	6.1	329	2.48	0.75	147	476
	2023	11.4	40.6	37.1	10.9	350	2.47	0.83	180	530
	2022	7.7	49.4	38.6	4.2	259	2.39	0.69	104	363
Guidance when choosing electives	2024	13.3	30.8	42.9	13.0	347	2.56	0.88	129	476
	2023	14.4	34.3	39.5	11.9	362	2.49	0.88	170	532
	2022	12.8	36.2	40.1	10.9	257	2.49	0.85	105	362

32

Health Services

Please indicate how satisfied you are with the office of student affairs and their ability to provide you support in the following areas:

Response options: Very Dissatisfied; Dissatisfied; Satisfied; Very Satisfied; Did not use. For the purposes of analysis, "Very Dissatisfied" to "Very Satisfied" were coded from 1 to 4, respectively.

Note: Percentages (ratings) add to 100 across rows, not columns.

		Ratings (%)				Ratings (n)			Did not use	Number of Respondents
		Very Dissatisfied	Dissatisfied	Satisfied	Very Satisfied	Count	Mean	Standard Deviation		
Student health services	2024	7.3	11.2	58.7	22.7	286	2.97	0.80	187	473
	2023	3.4	10.7	56.1	29.9	328	3.13	0.72	203	531
	2022	4.7	16.6	57.3	21.3	211	2.95	0.75	153	364
Student mental health services	2024	6.0	14.2	53.6	26.2	267	3.00	0.80	206	473
	2023	4.2	12.0	47.9	35.9	309	3.16	0.79	221	530
	2022	3.4	19.5	47.8	29.3	205	3.03	0.79	160	365
Accommodation of student disabilities (e.g. physical, cognitive/learning)	2024	9.7	12.3	59.4	18.7	155	2.87	0.83	320	475
	2023	9.4	8.3	51.0	31.3	192	3.04	0.88	338	530
	2022	7.3	17.7	47.6	27.4	124	2.95	0.86	240	364
Access to disability insurance	2024	9.4	10.1	65.1	15.4	149	2.87	0.79	324	473
	2023	2.7	8.8	63.2	25.3	182	3.11	0.66	348	530
	2022	4.6	14.7	62.4	18.3	109	2.94	0.72	254	363

33

I know what to do if I am exposed to an infectious disease or environmental hazard such as a needle stick injury.

Response options: Yes; No.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
Yes	304	83.1	462	86.4	395	81.6
No	62	16.9	73	13.6	89	18.4
Number of Respondents	366	100.0	535	100.0	484	100.0

Other Student Services

Please indicate how satisfied you are with the office of student affairs and their ability to provide you support in the following areas:

Response options: Very Dissatisfied; Dissatisfied; Satisfied; Very Satisfied; Did not use. For the purposes of analysis, "Very Dissatisfied" to "Very Satisfied" were coded from 1 to 4, respectively.

Note: Percentages (ratings) add to 100 across rows, not columns.

		Ratings (%)				Ratings (n)			Did not use	Number of Respondents
		Very Dissatisfied	Dissatisfied	Satisfied	Very Satisfied	Count	Mean	Standard Deviation		
Student study space	2024	9.1	18.3	51.6	21.1	475	2.85	0.86	10	485
	2023	8.5	15.3	49.5	26.6	503	2.94	0.87	30	533
	2022	18.3	12.8	48.1	20.9	345	2.72	0.99	22	367
Student relaxation space	2024	9.8	25.4	47.8	17.0	441	2.72	0.86	42	483
	2023	12.7	24.4	45.0	17.8	471	2.68	0.91	63	534
	2022	30.7	22.9	35.6	10.8	306	2.26	1.01	62	368
Library	2024	5.8	10.9	57.3	26.0	466	3.03	0.78	17	483
	2023	2.7	10.4	57.4	29.4	479	3.14	0.70	53	532
	2022	3.8	8.4	61.6	26.3	320	3.10	0.70	46	366
Access to computers	2024	5.5	9.0	57.0	28.5	400	3.09	0.77	83	483
	2023	3.9	8.9	59.7	27.5	414	3.11	0.71	119	533
	2022	7.7	11.5	58.5	22.3	260	2.95	0.80	107	367
Access to internet	2024	1.9	5.0	51.5	41.7	480	3.33	0.66	3	483
	2023	1.1	5.3	52.2	41.4	527	3.34	0.63	7	534
	2022	2.5	5.6	56.7	35.3	360	3.25	0.67	6	366

Mistreatment

For reporting purposes, the two questions regarding school policies and procedures related to possible mistreatment of medical students are included in this section. Please note that these questions did not appear together with the questions about behaviours experienced during medical school (the results of which form the rest of this chapter). The questions relating to “behaviours experienced” did not use the word “mistreatment” to avoid imparting bias to responses.

The questions in this section of the Pre-Clerkship survey may be particularly sensitive for students and schools. To protect student anonymity, the results of the series of questions asking about the frequency of the behaviours experienced are reported at an aggregate level only.

35 Are you aware that your school has policies regarding the mistreatment of medical students?

Response options: Yes; No.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
Yes	352	95.9	506	94.8	467	96.1
No	15	4.1	28	5.2	19	3.9
Number of Respondents	367	100.0	534	100.0	486	100.0

36 Do you know the procedure at your school for reporting the mistreatment of medical students?

Response options: Yes; No.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
Yes	300	81.5	427	79.8	389	80.2
No	68	18.5	108	20.2	96	19.8
Number of Respondents	368	100.0	535	100.0	485	100.0

37a

Mistreatment Occurrences

For each of the following behaviours, please indicate the frequency you personally experienced that behaviour during medical school. Include in your response any behaviours performed by faculty, nurses, residents/interns, other institution employees or staff, and other students. Please do not include behaviours performed by patients and their families. During your medical school training, how frequently have you been:

Response options: Never; Once; Occasionally (2-4 times); Frequently (5 or more times). For the purposes of analysis, the response options listed above were coded from 1 to 4, respectively.

Note: Percentages (ratings) add to 100 across rows, not columns.

		Ratings (%)				Count	Mean	Standard Deviation
		Never	Once	Occasionally	Frequently			
Publicly humiliated?	2024	81.0	11.4	6.8	0.8	474	1.27	0.62
	2023	76.3	13.5	10.2	0.0	527	1.34	0.66
	2022	77.3	12.6	9.0	1.1	366	1.34	0.69
Threatened with physical harm?	2024	99.2	0.6	0.2	0.0	473	1.01	0.12
	2023	98.7	1.3	0.0	0.0	527	1.01	0.11
	2022	98.4	0.5	0.8	0.3	366	1.03	0.25
Physically harmed?	2024	99.6	0.4	0.0	0.0	473	1.00	0.06
	2023	99.4	0.6	0.0	0.0	527	1.01	0.08
	2022	98.4	1.1	0.3	0.3	366	1.02	0.21
Required to perform personal errands?	2024	95.6	2.1	1.7	0.6	473	1.07	0.38
	2023	94.5	3.4	1.7	0.4	527	1.08	0.36
	2022	94.5	2.5	2.7	0.3	366	1.09	0.39
Subjected to unwanted sexual advances?	2024	97.7	1.7	0.6	0.0	473	1.03	0.20
	2023	96.2	2.3	1.5	0.0	527	1.05	0.28
	2022	95.4	2.5	1.9	0.3	367	1.07	0.35
Asked to exchange sexual favors for grades or other rewards?	2024	100.0	0.0	0.0	0.0	473	1.00	0.00
	2023	99.8	0.2	0.0	0.0	526	1.00	0.04
	2022	99.5	0.0	0.3	0.3	366	1.01	0.19
Denied opportunities for training based on gender?	2024	95.3	2.3	2.1	0.2	473	1.07	0.35
	2023	91.6	2.9	4.6	1.0	525	1.15	0.52
	2022	89.1	4.4	5.7	0.8	367	1.18	0.56
Denied opportunities for rewards based on gender?	2024	98.3	0.6	1.1	0.0	473	1.03	0.22
	2023	97.2	1.1	1.1	0.6	527	1.05	0.33
	2022	93.2	2.5	3.3	1.1	366	1.12	0.49
Subjected to sexist remarks/names?	2024	83.5	6.3	9.1	1.1	474	1.28	0.67
	2023	82.9	7.4	7.8	1.9	527	1.29	0.69
	2022	74.0	10.9	12.8	2.2	366	1.43	0.80

		Ratings (%)				Count	Mean	Standard Deviation
		Never	Once	Occasionally	Frequently			
Believe you received lower evaluations/grades based on gender?	2024	97.0	1.3	1.7	0.0	473	1.05	0.28
	2023	94.7	2.9	2.3	0.2	526	1.08	0.36
	2022	92.9	3.3	3.0	0.8	366	1.12	0.46
Denied opportunities for training based on race or ethnicity?	2024	98.9	0.4	0.4	0.2	473	1.02	0.20
	2023	95.6	1.9	1.9	0.6	527	1.07	0.38
	2022	94.0	1.9	3.0	1.1	365	1.11	0.48
Denied opportunities for rewards based on race or ethnicity?	2024	98.3	1.1	0.4	0.2	473	1.03	0.21
	2023	96.6	1.3	1.3	0.8	526	1.06	0.36
	2022	94.3	1.6	3.3	0.8	366	1.11	0.46
Subjected to racially or ethnically offensive remarks/names?	2024	91.8	3.0	4.4	0.8	473	1.14	0.51
	2023	88.8	5.1	5.5	0.6	526	1.18	0.54
	2022	87.7	3.8	6.3	2.2	366	1.23	0.66
Believe you received lower evaluations or grades solely because of race/ethnicity rather than performance?	2024	97.5	1.7	0.8	0.0	474	1.03	0.22
	2023	95.6	2.7	1.3	0.4	526	1.06	0.33
	2022	94.5	2.2	2.5	0.8	365	1.10	0.43
Believe that personal sexual orientation influenced access to training opportunities	2024	97.7	1.3	0.6	0.4	472	1.04	0.27
	2023	97.7	1.1	1.0	0.2	526	1.04	0.26
	2022	96.4	0.5	2.7	0.3	364	1.07	0.37
Subjected to offensive remarks/names related to sexual orientation?	2024	98.5	0.4	1.1	0.0	473	1.03	0.21
	2023	96.8	2.1	0.8	0.4	526	1.05	0.29
	2022	95.3	1.7	2.5	0.6	363	1.08	0.40
Believe that personal sexual orientation influenced access to student/faculty interaction	2024	98.9	0.4	0.6	0.0	472	1.02	0.17
	2023	98.3	1.0	0.6	0.2	526	1.03	0.22
	2022	97.0	1.1	1.4	0.5	366	1.05	0.33
Subjected to unprofessional or offensive behaviour(s) not described above?	2024	85.3	7.0	5.1	2.6	469	1.25	0.67
	2023	81.0	6.5	11.0	1.5	525	1.33	0.73
	2022	81.6	5.2	10.2	3.0	364	1.35	0.78

37b

Mistreatment Occurrences

Percent of respondents who indicated they personally experienced any of the listed behaviours. The data are derived from the response to the question reported in the table above and include all respondents who reported that they had personally experienced, at least 'Once,' any of the behaviours listed. Those who reported that they 'Never' experienced any of the behaviours listed in the table above make up the 'No' category in the following table.

Note: This table is derived from the question reported in the previous table and did not appear as a question.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
Yes	197	53.0	254	47.0	194	39.5
No	175	47.0	286	53.0	297	60.5
Number of Respondents	372	100.0	540	100.0	491	100.0

Wellness

38 In general, do you experience a high level of stress/distress?

Response options: Yes; No.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
Yes	238	65.2	310	58.4	279	57.9
No	127	34.8	221	41.6	203	42.1
Number of Respondents	365	100.0	531	100.0	482	100.0

39 In general, are you a person that copes well with life stresses?

Response options: Yes; No.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
Yes	318	87.1	465	87.1	423	87.8
No	47	12.9	69	12.9	59	12.2
Number of Respondents	365	100.0	534	100.0	482	100.0

Factors negatively impacting my wellbeing/wellness/quality of life include:

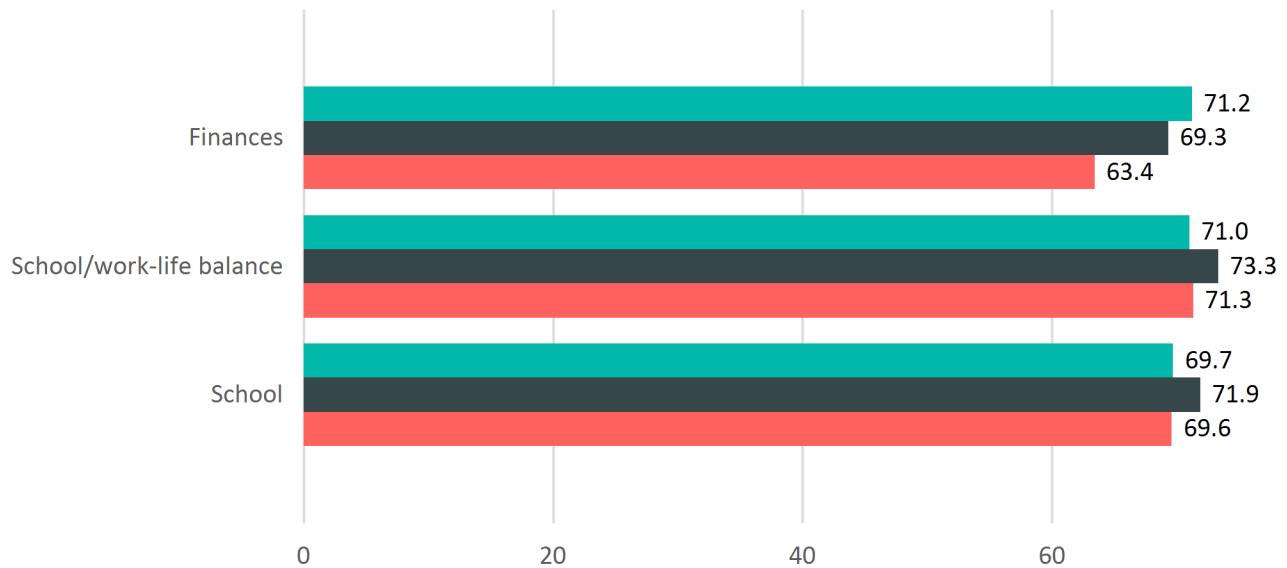
Response options: Finances; Housing; Children; Parents; Personal relationships; Friends; School; Work; School/work-life balance; Other.

Note: As this is a multi-select question, counts may not add up to the total number of respondents and percentages may not sum to 100%.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
Finances	223	63.4	345	69.3	326	71.2
Housing	58	16.5	86	17.3	90	19.7
Children	24	6.8	18	3.6	15	3.3
Parents	59	16.8	98	19.7	91	19.9
Personal relationships	142	40.3	184	36.9	198	43.2
Friends	70	19.9	83	16.7	92	20.1
School	245	69.6	358	71.9	319	69.7
Work	46	13.1	89	17.9	92	20.1
School/work-life balance	251	71.3	365	73.3	325	71.0
Other	35	9.9	57	11.4	43	9.4
Number of Respondents	352	100.0	498	100.0	458	100.0

Top 3 Factors Affecting Wellness

2024 2023 2022



41 Would you say you have a healthy diet?

Response options: Most of the time; Some of the time; Never; I don't know.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
Most of the time	199	54.4	294	55.3	293	60.5
Some of the time	157	42.9	220	41.4	179	37.0
Never	8	2.2	13	2.4	10	2.1
I don't know	2	0.5	5	0.9	2	0.4
Number of Respondents	366	100.0	532	100.0	484	100.0

42 How many times per week do you exercise (30 min session)?

Response options: 0; 1 to 3; 4 or more.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
0	71	19.3	64	12.0	72	14.9
1 to 3	188	51.2	289	54.3	256	52.9
4 or more	108	29.4	179	33.6	156	32.2
Number of Respondents	367	100.0	532	100.0	484	100.0

43 Do you use/consume the following products?

Response options: Yes; No; Prefer not to answer.

		Ratings (%)			Count
		Yes	No	Prefer not to answer	
Tobacco products	2024	1.0	98.1	0.8	483
	2023	0.9	98.5	0.6	532
	2022	1.6	97.0	1.4	365
Vaping products	2024	2.7	95.9	1.4	484
	2023	2.6	96.8	0.6	531
	2022	3.8	94.8	1.4	367
Cannabis products	2024	16.5	82.9	0.6	484
	2023	17.7	81.4	0.9	531
	2022	18.3	80.1	1.6	367
Alcoholic beverages	2024	64.3	34.7	1.0	484
	2023	70.0	28.7	1.3	530
	2022	69.4	30.1	0.5	366

Do the following factors affect your ability to work or study?

Response options: Yes; No; Prefer not to answer.

		Ratings (%)			Count
		Yes	No	Prefer not to answer	
Physical Limitations	2024	4.8	93.0	2.3	484
	2023	6.6	92.3	1.1	533
	2022	4.1	94.5	1.4	366
Learning Disabilities	2024	8.9	89.9	1.2	484
	2023	9.0	89.3	1.7	533
	2022	7.7	90.2	2.2	366
Mental Health Concerns	2024	18.8	76.2	5.0	483
	2023	25.1	71.8	3.0	529
	2022	23.0	74.0	3.0	366

45a Have you ever sought help to manage stress and/or mental distress?

Response options: Yes, within faculty of medicine; Yes, university outside of faculty of medicine; Yes, through primary health care provider; Yes, private; No.

Note: As this is a multi-select question, counts may not add up to the total number of respondents and percentages may not sum to 100%.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
Yes, within faculty of medicine	107	29.4	166	31.4	145	30.1
Yes, university outside of faculty of medicine	63	17.3	81	15.3	67	13.9
Yes, through primary health care provider	79	21.7	125	23.6	120	24.9
Yes, private	104	28.6	156	29.5	147	30.5
No	152	41.8	213	40.3	192	39.8
Number of Respondents	364	100.0	529	100.0	482	100.0

45b If no, why?

Response options: Never needed it; Never had the opportunity; Too hard to access; Fear of stigma; Cost was an issue.

Note: This question was presented only to respondents who indicated 'No' in Table 45a.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
Never needed it	101	67.3	150	72.8	130	69.5
Never had the opportunity	13	8.7	19	9.2	15	8.0
Too hard to access	7	4.7	11	5.3	22	11.8
Fear of stigma	21	14.0	20	9.7	12	6.4
Cost was an issue	8	5.3	6	2.9	8	4.3
Number of Respondents	150	100.0	206	100.0	187	100.0

46a

Are you aware of existing physical, learning, mental health, financial and career resources available through medical school?

Response options: Yes; No; Not Sure.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
Yes	301	82.2	440	82.6	403	83.3
No	17	4.6	36	6.8	28	5.8
Not Sure	48	13.1	57	10.7	53	11.0
Number of Respondents	366	100.0	533	100.0	484	100.0

46b

Do you plan to use the existing physical, learning, mental health, financial and career resources available through your medical school?

Response options: Yes; No; Not Sure; I have already used these resources.

	2022 Count	2022 Percent	2023 Count	2023 Percent	2024 Count	2024 Percent
Yes	82	22.3	121	22.7	115	23.9
No	72	19.6	74	13.9	70	14.5
Not Sure	138	37.6	196	36.8	168	34.9
I have already used these resources	75	20.4	141	26.5	129	26.8
Number of Respondents	367	100.0	532	100.0	482	100.0