



Medical School Graduation Questionnaire

2017 All Schools Summary Report

July 2017

Table of Contents

	Page
Executive Summary	1
Demographic Data	5
Overall Satisfaction with Medical Education	6
Basic Science Education	6
Clinical Experiences	9
Quality of Clerkships	9
Core Clerkship Activities	11
Preparedness for Residency	18
Veterans Affairs	19
Electives	19
Benefits of Diversity	20
Educational Environment	21
Learning Environment Scales	21
Professionalism of Faculty	21
Personal and Professional Development	24
Personal Characteristics	24
Tolerance for Ambiguity Scale	24
Interpersonal Reactivity Index	24
Oldenburg Burnout Inventory for Medical Students Scale	25
Career Plans and Interests	25
Career Activities	25
Area of Practice (Specialty Choice)	26
Work Location	29
Plans to Serve Underserved Areas/Populations	31
Student Affairs and School Services	32
Offices of the Deans	32
Student Support, Services, and Facilities	33
Mistreatment Policies	35
Behaviors Experienced During Medical School	35
Financing of Education	41
Background Information	44
Gender Identity	44
Sexual Orientation	44
Control of Medical School	44
Region of Medical School	44
References	45

2017 AAMC Medical School Graduation Questionnaire All Schools Summary Report & Individual School Report

Executive Summary

Background

The *All Schools Summary Report* of the 2017 Medical School Graduation Questionnaire provides aggregate data from graduates of the 140 U.S. medical schools accredited by the Liaison Committee on Medical Education (LCME) with 2016-2017 graduates. The *All Schools Summary Report* is made available to the public. In addition, each accredited medical school receives separately an *Individual School Report* showing data from its graduating students who responded to the Graduation Questionnaire, with comparisons to the national data. By request, regional and clinical campuses under the aegis of an accredited institution are also issued campus reports if there are five or more student respondents from the campus. Eighty-one percent (15,609) of 2017 medical school graduates (19,242) participated in the 2017 Graduation Questionnaire.

The Graduation Questionnaire (GQ) was established in 1978 as a method for the Association of American Medical Colleges (AAMC), medical schools, and other organizations to identify and address issues critical to the future of medical education and the well-being of medical students. These issues include: students' satisfaction with their educational program's ability to prepare them for residency; students' career and specialty plans; the costs of medical education; and students' experiences of mistreatment in the learning environment. Since its inception, the GQ has been a tool used by medical schools, faculty, students, researchers, and the LCME for benchmarking and improving medical education.

The attached report displays five years of data, 2013 through 2017, where comparable data are available.

Methodology

The data in the 2017 GQ *All Schools Summary Report* reflect the responses of 15,609 graduates of the 140 U.S. medical schools that graduated students in the 2016-2017 academic year. According to the AAMC Student Records System (SRS) as of July 14, 2017, these 15,609 respondents represent 81.1 percent of the 19,242 medical students who graduated from July 1, 2016 through June 30, 2017. Survey data for participating individuals may not be comparable to data for nonparticipants. The 2017 results include responses from the first graduating classes at four institutions: Central Michigan University College of Medicine, Frank H. Netter MD School of Medicine at Quinnipiac University, University of Arizona College of Medicine-Phoenix, and University of California, Riverside School of Medicine.

The 2017 GQ was open for participation from February 14, 2017 through June 9, 2017. The initial participants were individuals with expected graduation dates between July 1, 2016 and June 30, 2017 as identified by SRS data and confirmed by medical school personnel in January 2017. While the survey was open, medical schools could request changes to the list of eligible participants to reflect changes in expected graduation status. Through a variety of measures, medical schools independently encouraged graduating students to participate. The AAMC also sent email invitations and monthly reminders to eligible students.

Percentages displayed in the reports may not sum to 100 due to rounding or to collection formats permitting more than one response. Where the reports appear to have missing columns, rows, or blank spaces within rows, these correspond to unavailable data for a particular survey item in a given year, usually due to changes in when the survey item was offered, or to alterations to the item affecting the comparability of the data. These are to be distinguished from data with a displayed percent of '0.0', which correspond to real survey response options that were selected by no, or very few, respondents.

GQ Content Changes

The questions “What sex were you assigned at birth?” and “What is your current gender identity?” were introduced to the GQ in 2016. In 2016, respondents to the second question could choose using one of six options: “Male,” “Female,” “Trans male/Trans man,” “Trans female/Trans woman,” “Genderqueer/Gender non-conforming,” or “Different identity.” In the 2017 GQ, the response options remained the same but were no longer exclusive, and respondents were able to “select all that apply” (as stated in the question instructions).

The data displayed at Q61 (“Gender Identity”) in the 2017 *All Schools Summary Report* are derived from aggregated responses to the two questions. Although the 2017 and 2016 data collections differed slightly, as described above, the derived data reported at Q61 have been determined to be comparable. Consequently, the national report displays both 2017 and 2016 data regarding self-reported gender identity.

Selected Findings

Graduates Report Satisfaction with Their Medical School Education and Development as Physicians

Ninety percent of medical school graduates who responded to the 2017 GQ either agreed or strongly agreed with the statement, “Overall, I am satisfied with the quality of my medical education.” The 2017 graduates also affirmed their readiness for the next phase of their training, with ninety percent stating they agreed or strongly agreed they “have acquired the clinical skills required to begin a residency program.” These results are consistent with what medical school graduates have reported in recent years.

Ninety-two percent of 2017 GQ respondents agreed or strongly agreed that “My medical school has done a good job of fostering and nurturing my development as a future physician,” and seventy-four percent agreed or strongly agreed with the statement, “My medical school has done a good job of fostering and nurturing my development as a person.”

Percentage of Students Reporting Clinical Observation and Feedback Continues to Increase

In 2017, there were small increases in the percentages of graduating medical students who reported that, during core clerkships, they were observed taking patient histories and performing patient exams. Similar increases were also seen in the number of graduates who confirmed that they received mid-clerkship feedback. These increases were seen in all six core clerkships and extend the gains previously observed in 2015 and 2016.

Graduates Report Higher Approval with Electives Advice

Compared to recent classes, medical school graduates who responded to the 2017 GQ were more favorable toward the process for choosing electives. Seventy-one percent said they agree (45.3%) or strongly agree (26.1%) that they “received appropriate guidance in the selection of electives.” These ratings have been increasingly positive each of the past five years. While more than twenty percent of GQ respondents indicated dissatisfaction with electives guidance in 2013, that number has dropped to eleven percent in 2017.

Veterans Affairs and Global Health Experiences See Slight Declines

The share of respondents to the 2017 GQ who indicated they had a training experience at a Veterans Affairs medical facility was just under fifty-nine percent. This represents a slight decline over the past 5 years: in 2013, the share was about sixty-three percent.

Participation in global health experiences has also exhibited marginal decreases in recent years. These experiences were reported by twenty-seven percent of respondents to the 2017 GQ. As a comparison, thirty percent of respondents in 2013 reported having had a global health experience.

Student Diversity Enhances Training, More Graduates Agree

The educational benefits of student diversity have been increasingly confirmed by medical school graduates of recent years. Thirty-one percent of respondents to the 2017 GQ said they “strongly agree” that “the diversity within my medical school class enhanced my training and skills to work with individuals from different backgrounds.” As a comparison, in 2013, respondents who strongly agreed totaled 22 percent.

Medical School Debt Stays Constant, and Total Education Debt Rises

Twenty-seven percent of respondents to the 2017 GQ reported graduating with no medical school debt. For those with debt, the median medical school debt reported was \$180,000, the same as in 2016 and in 2015. For total education debt, the sum of premedical education debt and medical school debt, the median reported by indebted students was \$195,000, an increase of 2.7 percent over what was reported in 2016 (\$190,000). Nearly forty-six percent of those carrying debt said they plan to enter a loan forgiveness program; of these, most identified the Department of Education’s Public Loan Forgiveness Program (73.2%) in their plans.

Debt Holds Less Influence over Specialty Choice

The percentage of medical school graduates who said their education debt affected their choice of medical specialty has decreased continuously the past five years. In 2017, nearly fifty-five percent of respondents to the GQ said that debt had “no influence” on specialty choice. Less than twenty-two percent allowed that debt had either a “strong” (6.2%) or “moderate” (15.3%) influence. By contrast, in 2013 nearly twenty-eight percent of graduates said debt had a strong (8.8%) or moderate (19.0%) influence on their specialty choice.

The strongest influence on specialty choice, according to 2017 medical school graduates, was “Fit with personality, interests, and skills” as eighty-seven percent indicated that this had a strong influence. Similarly, “Content of specialty” was endorsed by nearly eighty-two percent of respondents as having a strong influence. These have been the most frequently cited influences on specialty choice by each of the past five classes of medical school graduates.

Plans to Serve the Underserved See an Increase

The percentage of medical school graduates who “plan to care primarily for an underserved population” increased in 2017, to more than a third (33.4%) of GQ respondents, up from thirty percent in 2016 and twenty-seven percent in 2014. The share of new graduates who “plan to work primarily in an underserved area” also increased slightly. Among 2017 GQ respondents, over twenty-five percent said they planned to work in underserved areas, up from twenty-three percent in 2016 and twenty-two percent in 2015.

Awareness of Mistreatment Policies and Procedures Continues to Climb

Ninety-seven percent of respondents to the 2017 GQ said they were aware their “school has policies regarding the mistreatment of medical students.” This is up one point from 2016 (95.7%), but more than nine points compared to 2013 (88.2%). Moreover, when asked about the procedures at their school for reporting mistreatment, eighty-six percent of 2017 graduates said they know about such procedures, up nearly four points from 2016 (82.3%) and fourteen points compared to 2013 (71.7%).

Medical School Graduates Self-Report Their Marital Status, Gender, Sexual Orientation

Just under one quarter of U.S. medical school graduates reported being legally married (24.6%). Fewer than one in ten (8.9%) reported having dependents other than a spouse, and the median number of dependents reported was one. A small number of individuals (0.3%) self-identified as having a current gender identity that was different from the sex they were assigned at birth. Separately, medical school graduates who identified as “heterosexual or straight” were 94.3 percent of respondents, those who identified as “gay or lesbian” were 3.4 percent of respondents, and those who identified as “bisexual” were 2.3 percent.

Copies of the GQ survey are available at www.aamc.org/gq.

Providing Feedback

For inquiries or feedback regarding the GQ surveys or reports, contact gq@aamc.org.

		All Schools				
		2013	2014	2015	2016	2017
Total number of students who responded to the questionnaire:		14,836	14,877	14,939	15,232	15,609
1. Sex:	Note: The data are from other AAMC data sources.					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Male		50.6	51.3	50.9	52.2	51.3
Female		49.4	48.7	49.1	47.8	48.7
Number of respondents		14,836	14,877	14,939	15,232	15,609
2. Age at graduation:	Note: The data are from other AAMC data sources.					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Under 24		0.3	0.3	0.5	0.3	0.3
24 through 26		44.0	43.4	42.1	41.8	40.0
27 through 29		39.4	39.2	40.3	40.4	42.2
30 through 32		10.9	11.6	11.3	11.5	11.8
Over 32		5.4	5.5	5.8	6.0	5.6
Number of respondents		14,836	14,877	14,939	15,232	15,609
3. How do you self-identify?	Note: The data are from other AAMC data sources. Percentages may not sum to 100% as multiple responses were allowed. Race/ethnicity data are only displayed for U.S. citizens and permanent residents. Prior-year data have been refreshed using the current methodology and thus may differ from data shown in previous reports.					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
American Indian or Alaska Native		0.6	0.7	0.7	0.8	0.8
Asian		21.6	21.8	21.9	23.4	22.9
Black or African American		5.9	5.9	5.6	6.3	6.2
Hispanic, Latino, or of Spanish origin		7.0	7.4	7.5	8.2	8.4
Native Hawaiian or Other Pacific Islander		0.2	0.2	0.1	0.3	0.3
White		66.7	66.1	67.2	69.0	65.0
Other		2.7	2.7	2.8	0.4	2.9
Non-US citizen and Non-permanent resident		2.1	2.0	1.9	1.9	1.6
Number of respondents		14,826	14,840	14,882	15,062	15,464
4. What is your current marital status?						
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Single (never legally married)					72.7	73.9
Legally married					25.7	24.6
Common law or civil union					0.4	0.4
Divorced					1.0	0.9
Separated, but still legally married					0.1	0.2
Widowed					0.1	0.0
Number of respondents					13,866	14,360

		All Schools				
		2013	2014	2015	2016	2017
		Percent	Percent	Percent	Percent	Percent
5.	How many dependents do you have (not including a spouse/partner)?					
	None				90.8	91.1
	One				5.3	5.4
	Two				2.8	2.6
	Three				0.8	0.7
	Four or more				0.4	0.2
	Number of respondents				13,857	14,349

		Percent	Percent	Percent	Percent	Percent
6.	Type of degree program:					
	Note: The data are from the AAMC Student Records System.					
	MD	90.9	90.9	90.3	90.5	90.5
	Joint BA/MD	2.8	2.9	3.1	3.2	2.7
	Joint MD/MBA	0.6	0.5	0.6	0.7	0.8
	Joint MD/MPH	1.4	1.1	1.6	1.4	1.8
	Joint MD/PhD	3.2	3.2	3.2	3.2	3.1
	Joint MD/Other	1.2	1.3	1.1	1.0	1.2
	Number of respondents	14,836	14,877	14,939	15,232	15,609

		Percentage of Respondents Selecting Each Rating					Count
		Strongly disagree	Disagree	Neutral	Agree	Strongly agree	
7.	Please indicate the extent to which you agree with the following statement:						
	Overall, I am satisfied with the quality of my medical education						
	All Medical Schools 2017	0.8	3.0	6.2	50.2	39.7	15,589
	All Medical Schools 2016	1.0	2.8	6.1	50.3	39.8	15,213
	All Medical Schools 2015	0.8	2.6	5.7	49.2	41.7	14,842
	All Medical Schools 2014	0.7	2.6	5.3	51.0	40.4	14,865
	All Medical Schools 2013	1.0	3.0	6.9	47.6	41.6	13,353

		Percentage of Respondents Selecting Each Rating					Count
		Strongly disagree	Disagree	Neutral	Agree	Strongly agree	
8.	Based on your experiences, indicate whether you agree or disagree with the following statements about medical school:						
	Basic science coursework had sufficient illustrations of clinical relevance.						
	All Medical Schools 2017	1.0	7.6	13.9	53.1	24.4	15,329
	All Medical Schools 2016	1.4	7.8	12.6	54.0	24.2	14,932
	All Medical Schools 2015	1.1	7.4	13.2	55.1	23.2	14,653
	All Medical Schools 2014	1.3	8.7	14.6	55.2	20.2	14,495
	All Medical Schools 2013	2.4	10.5	16.8	46.1	24.1	14,772
	Required clinical experiences integrated basic science content.						
	All Medical Schools 2017	0.7	4.6	14.0	55.0	25.7	15,257
	All Medical Schools 2016	0.9	5.1	13.2	55.7	25.1	14,861
	All Medical Schools 2015	0.7	5.1	14.7	55.9	23.5	14,552
	All Medical Schools 2014	0.7	5.0	14.8	57.9	21.6	14,415
	All Medical Schools 2013	1.6	10.6	22.8	48.7	16.3	14,438

9. How well did your study of the following sciences basic to medicine prepare you for clinical clerkships and electives?

Note: Respondents had the option to select "Not applicable"; these data are not included in the report calculations and counts.

		Percentage of Respondents Selecting Each Rating				
		Poor	Fair	Good	Excellent	Count
Biochemistry						
All Medical Schools	2017	10.1	27.0	40.9	22.0	15,109
All Medical Schools	2016	10.5	27.1	40.1	22.3	14,710
All Medical Schools	2015	9.5	27.2	41.0	22.3	14,428
All Medical Schools	2014	10.3	28.7	40.9	20.1	14,434
All Medical Schools	2013	11.8	30.4	38.7	19.1	14,351
Biostatistics and epidemiology						
All Medical Schools	2017	6.7	23.7	43.3	26.3	15,241
All Medical Schools	2016	7.0	23.7	43.6	25.8	14,818
All Medical Schools	2015	6.5	24.3	44.2	25.0	14,545
All Medical Schools	2014	6.9	25.3	44.1	23.7	14,528
All Medical Schools	2013	8.0	26.9	42.3	22.9	14,393
Genetics						
All Medical Schools	2017	4.6	23.1	48.5	23.8	15,210
All Medical Schools	2016	4.8	23.7	47.1	24.5	14,833
All Medical Schools	2015	4.8	23.1	48.7	23.4	14,556
All Medical Schools	2014	5.2	25.0	48.5	21.4	14,520
All Medical Schools	2013	6.3	26.7	46.4	20.5	14,387
Gross anatomy						
All Medical Schools	2017	3.0	10.4	34.3	52.3	15,308
All Medical Schools	2016	2.7	9.6	33.6	54.1	14,910
All Medical Schools	2015	2.8	9.5	34.5	53.2	14,625
All Medical Schools	2014	2.7	9.9	35.5	52.0	14,623
All Medical Schools	2013	2.7	10.1	35.6	51.6	14,544
Immunology						
All Medical Schools	2017	3.1	14.9	46.3	35.7	15,244
All Medical Schools	2016	3.6	15.8	45.8	34.8	14,831
All Medical Schools	2015	4.0	15.5	46.5	34.0	14,559
All Medical Schools	2014	3.3	15.9	47.0	33.8	14,545
All Medical Schools	2013	4.5	17.9	46.2	31.5	14,488
Introduction to Clinical Medicine/Introduction to the Patient						
All Medical Schools	2017	1.7	7.3	29.4	61.6	15,101
All Medical Schools	2016	1.8	6.9	29.9	61.4	14,712
All Medical Schools	2015	1.8	6.9	30.2	61.1	14,438
All Medical Schools	2014	1.8	7.6	31.5	59.1	14,439
All Medical Schools	2013	2.1	8.1	31.5	58.3	14,337
Microanatomy/Histology						
All Medical Schools	2017	6.1	21.4	42.7	29.8	15,198
All Medical Schools	2016	6.0	20.7	43.0	30.2	14,800
All Medical Schools	2015	5.5	20.5	44.0	30.0	14,522
All Medical Schools	2014	5.8	22.3	44.4	27.5	14,532
All Medical Schools	2013	6.5	23.2	44.7	25.6	14,433

9. How well did your study of the following sciences basic to medicine prepare you for clinical clerkships and electives?

Note: Respondents had the option to select "Not applicable"; these data are not included in the report calculations and counts. (Continued)

		Percentage of Respondents Selecting Each Rating				
		Poor	Fair	Good	Excellent	Count
Microbiology						
All Medical Schools	2017	3.3	12.8	41.3	42.6	15,272
All Medical Schools	2016	4.0	13.1	41.0	41.9	14,866
All Medical Schools	2015	3.5	13.4	41.9	41.2	14,592
All Medical Schools	2014	3.6	13.6	43.0	39.8	14,587
All Medical Schools	2013	4.5	14.9	42.6	37.9	14,497
Neuroscience						
All Medical Schools	2017	4.0	12.2	38.1	45.7	15,266
All Medical Schools	2016	3.4	11.7	38.3	46.5	14,883
All Medical Schools	2015	3.1	11.5	39.6	45.8	14,622
All Medical Schools	2014	3.3	12.4	40.6	43.7	14,599
All Medical Schools	2013	4.1	14.0	39.4	42.5	14,499
Pathology						
All Medical Schools	2017	2.5	11.9	39.8	45.8	15,222
All Medical Schools	2016	2.5	10.7	39.3	47.5	14,833
All Medical Schools	2015	2.4	11.0	39.5	47.1	14,554
All Medical Schools	2014	2.2	11.2	39.2	47.4	14,547
All Medical Schools	2013	2.5	11.9	39.2	46.4	14,466
Pharmacology						
All Medical Schools	2017	6.3	16.8	39.4	37.5	15,281
All Medical Schools	2016	6.3	16.1	39.6	38.1	14,905
All Medical Schools	2015	5.7	16.4	40.3	37.6	14,616
All Medical Schools	2014	6.1	16.2	39.7	38.0	14,606
All Medical Schools	2013	7.8	17.8	38.2	36.1	14,519
Physiology						
All Medical Schools	2017	1.7	7.5	37.3	53.5	15,249
All Medical Schools	2016	1.6	7.5	37.1	53.8	14,842
All Medical Schools	2015	1.8	7.4	37.3	53.6	14,561
All Medical Schools	2014	1.8	7.9	37.0	53.4	14,549
All Medical Schools	2013	2.0	9.3	38.2	50.5	14,465
Behavioral science						
All Medical Schools	2017	2.2	11.5	44.6	41.7	15,095
All Medical Schools	2016	2.4	12.1	44.0	41.5	14,737
All Medical Schools	2015	2.3	12.3	45.4	40.0	14,392
All Medical Schools	2014	2.8	13.5	46.5	37.2	14,394
All Medical Schools	2013	3.1	14.2	45.5	37.2	14,262
Pathophysiology of disease						
All Medical Schools	2017	1.2	5.3	34.3	59.2	15,117
All Medical Schools	2016	1.1	5.0	34.2	59.7	14,719
All Medical Schools	2015	1.0	5.2	34.7	59.1	14,414
All Medical Schools	2014	1.0	5.0	35.1	58.9	14,383
All Medical Schools	2013	1.5	6.4	36.6	55.6	14,216

10. Rate the quality of your educational experiences in the following clerkships. If you participated in an integrated clerkship, please answer this question in terms of your educational experience in each discipline. If you had no clinical experiences in the discipline, select "Not applicable."

Note: "Not applicable" responses are not included in the report calculations and counts.

		Percentage of Respondents Selecting Each Rating				
		Poor	Fair	Good	Excellent	Count
Emergency Medicine						
All Medical Schools	2017	3.1	9.2	32.1	55.5	10,996
All Medical Schools	2016	2.8	9.5	31.7	56.0	10,580
All Medical Schools	2015	3.1	9.6	32.5	54.8	10,344
All Medical Schools	2014	3.0	9.5	33.7	53.8	10,211
All Medical Schools	2013	3.8	11.1	32.3	52.8	10,197
Family Medicine						
All Medical Schools	2017	3.7	10.6	33.1	52.6	14,690
All Medical Schools	2016	3.8	11.6	32.8	51.8	14,359
All Medical Schools	2015	4.1	11.9	33.7	50.3	14,125
All Medical Schools	2014	4.4	12.4	34.6	48.6	13,740
All Medical Schools	2013	4.9	13.1	34.9	47.1	13,915
Internal Medicine						
All Medical Schools	2017	1.7	7.0	28.4	62.8	15,354
All Medical Schools	2016	2.0	6.7	28.8	62.6	14,947
All Medical Schools	2015	1.7	6.7	29.4	62.2	14,694
All Medical Schools	2014	1.7	6.7	29.9	61.8	14,354
All Medical Schools	2013	1.9	7.2	29.1	61.8	14,469
Neurology						
All Medical Schools	2017	6.1	17.3	36.1	40.6	13,715
All Medical Schools	2016	6.9	17.0	36.7	39.4	13,511
All Medical Schools	2015	6.3	18.0	37.6	38.2	13,002
All Medical Schools	2014	6.9	19.9	38.3	35.0	12,807
All Medical Schools	2013	7.7	20.7	37.1	34.5	12,788
Obstetrics-Gynecology/Women's Health						
All Medical Schools	2017	6.5	14.0	33.9	45.5	15,361
All Medical Schools	2016	7.0	14.4	34.8	43.9	14,957
All Medical Schools	2015	6.6	14.5	34.8	44.1	14,686
All Medical Schools	2014	6.6	14.7	36.1	42.5	14,357
All Medical Schools	2013	7.7	15.9	35.0	41.5	14,462
Pediatrics						
All Medical Schools	2017	3.2	10.5	33.7	52.6	15,364
All Medical Schools	2016	3.0	10.4	32.3	54.3	14,941
All Medical Schools	2015	3.1	9.8	33.5	53.6	14,694
All Medical Schools	2014	3.0	10.3	34.5	52.1	14,365
All Medical Schools	2013	3.2	10.6	34.4	51.9	14,474
Psychiatry						
All Medical Schools	2017	2.9	9.8	34.1	53.2	15,349
All Medical Schools	2016	3.1	10.4	34.6	51.9	14,939
All Medical Schools	2015	3.2	11.0	35.6	50.2	14,670
All Medical Schools	2014	3.6	11.9	37.9	46.7	14,343
All Medical Schools	2013	3.2	12.4	36.9	47.4	14,452

- 10. Rate the quality of your educational experiences in the following clerkships. If you participated in an integrated clerkship, please answer this question in terms of your educational experience in each discipline. If you had no clinical experiences in the discipline, select "Not applicable."
 Note: "Not applicable" responses are not included in the report calculations and counts. (Continued)**

		Percentage of Respondents Selecting Each Rating				
		Poor	Fair	Good	Excellent	Count
Surgery						
All Medical Schools	2017	5.1	12.5	34.7	47.7	15,357
All Medical Schools	2016	4.9	11.9	35.2	48.0	14,937
All Medical Schools	2015	4.5	12.1	35.5	47.9	14,674
All Medical Schools	2014	4.3	12.3	38.3	45.0	14,342
All Medical Schools	2013	4.9	12.8	35.9	46.4	14,463

		All Schools				
		2013	2014	2015	2016	2017
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
11. Clerkship Experiences: Family Medicine						
Family Medicine: Were you observed taking the relevant portions of the patient history?						
Yes		85.8	87.3	88.9	90.0	
No		14.2	12.7	11.1	10.0	
Number of respondents		13,669	14,068	14,279	14,626	
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Family Medicine: Were you observed performing the relevant portions of the physical or mental status exam?						
Yes		88.3	89.3	90.9	91.7	
No		11.7	10.7	9.1	8.3	
Number of respondents		13,621	14,027	14,223	14,563	
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Family Medicine: Were you provided with mid-clerkship feedback?						
Yes		93.3	94.0	94.8	95.0	
No		6.7	6.0	5.2	5.0	
Number of respondents		13,612	14,014	14,228	14,566	

		Percentage of Respondents Selecting Each Rating					
		Strongly disagree	Disagree	Neutral	Agree	Strongly agree	Count
Family Medicine: Faculty provided effective teaching during the clerkship							
All Medical Schools	2017	1.7	3.8	9.3	36.4	48.9	14,546
All Medical Schools	2016	1.7	3.9	9.1	36.8	48.5	14,195
All Medical Schools	2015	1.9	4.0	9.0	37.0	48.1	13,993
All Medical Schools	2014	2.2	4.0	9.6	37.1	47.1	13,588

Family Medicine: Residents provided effective teaching during the clerkship

Note: Respondents had the option to select "Not applicable"; these data are not included in the report calculations and counts.

All Medical Schools	2017	1.7	4.0	9.7	31.6	53.0	7,715
All Medical Schools	2016	2.1	3.8	9.7	33.5	51.0	7,460
All Medical Schools	2015	1.8	4.5	10.6	33.8	49.3	7,310
All Medical Schools	2014	2.5	5.1	11.0	33.5	47.9	6,969
All Medical Schools	2013	3.3	6.4	11.0	37.5	41.8	9,319

		All Schools				
		2013	2014	2015	2016	2017
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
11. Clerkship Experiences: Internal Medicine						
Internal Medicine: Were you observed taking the relevant portions of the patient history?						
Yes		91.5	91.5	92.7	93.4	
No		8.5	8.5	7.3	6.6	
Number of respondents		14,264	14,618	14,861	15,275	
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Internal Medicine: Were you observed performing the relevant portions of the physical or mental status exam?						
Yes		92.8	92.9	93.8	94.3	
No		7.2	7.1	6.2	5.7	
Number of respondents		14,209	14,570	14,796	15,206	
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Internal Medicine: Were you provided with mid-clerkship feedback?						
Yes		96.8	97.2	97.7	98.0	
No		3.2	2.8	2.3	2.0	
Number of respondents		14,199	14,559	14,803	15,210	

		Percentage of Respondents Selecting Each Rating					
		Strongly disagree	Disagree	Neutral	Agree	Strongly agree	Count
Internal Medicine: Faculty provided effective teaching during the clerkship							
All Medical Schools	2017	0.8	1.6	5.0	30.0	62.6	15,182
All Medical Schools	2016	0.9	1.7	4.9	29.8	62.7	14,735
All Medical Schools	2015	0.7	1.9	4.9	30.5	62.0	14,518
All Medical Schools	2014	1.0	1.8	4.4	29.9	62.9	14,168

Internal Medicine: Residents provided effective teaching during the clerkship

Note: Respondents had the option to select "Not applicable"; these data are not included in the report calculations and counts.

All Medical Schools	2017	0.8	1.7	4.6	25.2	67.7	14,574
All Medical Schools	2016	0.9	1.6	4.2	25.4	67.9	14,159
All Medical Schools	2015	0.9	1.9	4.2	26.0	67.0	14,002
All Medical Schools	2014	1.1	2.0	4.2	26.6	66.2	13,711
All Medical Schools	2013	1.5	2.6	5.8	31.4	58.7	13,858

		All Schools				
		2013	2014	2015	2016	2017
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
11. Clerkship Experiences: Neurology						
Neurology: Were you observed taking the relevant portions of the patient history?						
Yes		76.1	78.7	81.4	82.9	
No		23.9	21.3	18.6	17.1	
Number of respondents		12,716	12,964	13,458	13,653	
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Neurology: Were you observed performing the relevant portions of the physical or mental status exam?						
Yes		86.5	87.7	89.5	90.9	
No		13.5	12.3	10.5	9.1	
Number of respondents		12,686	12,933	13,406	13,607	
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Neurology: Were you provided with mid-clerkship feedback?						
Yes		83.7	85.4	87.4	88.5	
No		16.3	14.6	12.6	11.5	
Number of respondents		12,675	12,915	13,414	13,596	

		Percentage of Respondents Selecting Each Rating					
		Strongly disagree	Disagree	Neutral	Agree	Strongly agree	Count
Neurology: Faculty provided effective teaching during the clerkship							
All Medical Schools	2017	1.8	4.8	12.9	37.3	43.2	13,574
All Medical Schools	2016	2.0	5.4	12.8	37.4	42.3	13,348
All Medical Schools	2015	1.9	5.2	12.7	39.0	41.3	12,885
All Medical Schools	2014	2.3	5.8	13.1	38.8	40.1	12,622

Neurology: Residents provided effective teaching during the clerkship							
Note: Respondents had the option to select "Not applicable"; these data are not included in the report calculations and counts.							
All Medical Schools	2017	1.9	5.7	11.9	33.3	47.2	11,460
All Medical Schools	2016	2.3	6.1	12.3	33.4	45.8	11,419
All Medical Schools	2015	2.3	5.9	13.0	34.1	44.7	10,963
All Medical Schools	2014	2.7	6.8	12.4	34.9	43.3	10,805

		All Schools				
		2013	2014	2015	2016	2017
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
11.	Clerkship Experiences: Obstetrics-Gynecology/Women's Health					
Obstetrics-Gynecology/Women's Health: Were you observed taking the relevant portions of the patient history?						
	Yes		77.9	78.9	81.8	83.3
	No		22.1	21.1	18.2	16.7
	Number of respondents		14,230	14,601	14,845	15,257
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Obstetrics-Gynecology/Women's Health: Were you observed performing the relevant portions of the physical or mental status exam?						
	Yes		88.7	88.8	90.1	91.0
	No		11.3	11.2	9.9	9.0
	Number of respondents		14,195	14,570	14,797	15,205
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Obstetrics-Gynecology/Women's Health: Were you provided with mid-clerkship feedback?						
	Yes		91.1	92.3	93.2	93.6
	No		8.9	7.7	6.8	6.4
	Number of respondents		14,192	14,548	14,802	15,214

		Percentage of Respondents Selecting Each Rating					
		Strongly disagree	Disagree	Neutral	Agree	Strongly agree	Count
Obstetrics-Gynecology/Women's Health: Faculty provided effective teaching during the clerkship							
All Medical Schools	2017	2.8	6.7	13.8	38.4	38.3	15,193
All Medical Schools	2016	2.9	6.4	14.0	39.5	37.2	14,777
All Medical Schools	2015	2.9	6.8	14.2	39.3	36.9	14,529
All Medical Schools	2014	3.0	6.9	13.2	39.5	37.4	14,169

Obstetrics-Gynecology/Women's Health: Residents provided effective teaching during the clerkship
Note: Respondents had the option to select "Not applicable"; these data are not included in the report calculations and counts.

All Medical Schools	2017	4.8	7.9	12.1	32.6	42.7	13,603
All Medical Schools	2016	5.1	7.7	12.3	32.6	42.3	13,377
All Medical Schools	2015	5.1	8.0	11.6	33.3	41.9	13,203
All Medical Schools	2014	5.2	8.5	12.0	34.4	39.9	12,854
All Medical Schools	2013	6.3	9.2	13.2	34.5	36.8	13,316

		All Schools				
		2013	2014	2015	2016	2017
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
11. Clerkship Experiences: Pediatrics						
Pediatrics: Were you observed taking the relevant portions of the patient history?						
Yes			89.0	90.0	91.4	92.2
No			11.0	10.0	8.6	7.8
Number of respondents			14,247	14,618	14,847	15,274
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Pediatrics: Were you observed performing the relevant portions of the physical or mental status exam?						
Yes			91.3	91.9	92.8	93.5
No			8.7	8.1	7.2	6.5
Number of respondents			14,199	14,579	14,794	15,220
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Pediatrics: Were you provided with mid-clerkship feedback?						
Yes			95.0	95.2	96.0	96.3
No			5.0	4.8	4.0	3.7
Number of respondents			14,198	14,571	14,808	15,210

		Percentage of Respondents Selecting Each Rating					
		Strongly disagree	Disagree	Neutral	Agree	Strongly agree	Count
Pediatrics: Faculty provided effective teaching during the clerkship							
All Medical Schools	2017	1.1	2.7	8.1	36.4	51.8	15,197
All Medical Schools	2016	1.2	2.8	7.6	35.6	52.9	14,765
All Medical Schools	2015	1.1	2.9	7.7	35.5	52.8	14,536
All Medical Schools	2014	1.2	2.5	7.3	36.8	52.1	14,170

Pediatrics: Residents provided effective teaching during the clerkship							
Note: Respondents had the option to select "Not applicable"; these data are not included in the report calculations and counts.							
All Medical Schools	2017	1.8	4.1	8.7	32.5	52.9	13,783
All Medical Schools	2016	2.0	3.6	8.6	32.4	53.4	13,536
All Medical Schools	2015	1.6	4.0	8.9	32.7	52.7	13,318
All Medical Schools	2014	1.8	4.3	8.6	34.6	50.7	13,079
All Medical Schools	2013	2.3	4.1	8.2	35.9	49.5	13,457

		All Schools				
		2013	2014	2015	2016	2017
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
11. Clerkship Experiences: Psychiatry						
Psychiatry: Were you observed taking the relevant portions of the patient history?						
Yes		89.0	90.4	91.7	92.5	
No		11.0	9.6	8.3	7.5	
Number of respondents		14,224	14,603	14,843	15,257	
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Psychiatry: Were you observed performing the relevant portions of the physical or mental status exam?						
Yes		87.6	89.1	90.6	91.5	
No		12.4	10.9	9.4	8.5	
Number of respondents		14,176	14,568	14,787	15,212	
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Psychiatry: Were you provided with mid-clerkship feedback?						
Yes		90.7	91.9	93.4	93.9	
No		9.3	8.1	6.6	6.1	
Number of respondents		14,171	14,549	14,799	15,206	

		Percentage of Respondents Selecting Each Rating					
		Strongly disagree	Disagree	Neutral	Agree	Strongly agree	Count
Psychiatry: Faculty provided effective teaching during the clerkship							
All Medical Schools	2017	1.4	3.5	9.3	37.7	48.2	15,164
All Medical Schools	2016	1.5	3.8	9.8	37.3	47.6	14,748
All Medical Schools	2015	1.4	4.0	10.3	37.9	46.4	14,519
All Medical Schools	2014	1.7	4.2	10.9	39.7	43.5	14,146

Psychiatry: Residents provided effective teaching during the clerkship

Note: Respondents had the option to select "Not applicable"; these data are not included in the report calculations and counts.

All Medical Schools	2017	1.6	4.4	11.1	34.9	48.1	11,890
All Medical Schools	2016	2.0	5.0	11.8	35.2	46.0	11,628
All Medical Schools	2015	2.1	5.5	11.7	36.1	44.5	11,461
All Medical Schools	2014	2.2	6.2	12.6	36.6	42.3	11,250
All Medical Schools	2013	2.3	5.2	10.6	37.9	44.0	12,456

		All Schools				
		2013	2014	2015	2016	2017
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
11. Clerkship Experiences: Surgery						
Surgery: Were you observed taking the relevant portions of the patient history?						
Yes			66.4	68.7	72.4	74.4
No			33.6	31.3	27.6	25.6
Number of respondents			14,198	14,568	14,819	15,234
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Surgery: Were you observed performing the relevant portions of the physical or mental status exam?						
Yes			74.9	76.6	78.8	80.4
No			25.1	23.4	21.2	19.6
Number of respondents			14,176	14,542	14,784	15,194
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Surgery: Were you provided with mid-clerkship feedback?						
Yes			88.4	89.3	91.2	92.0
No			11.6	10.7	8.8	8.0
Number of respondents			14,178	14,544	14,792	15,205

		Percentage of Respondents Selecting Each Rating					
		Strongly disagree	Disagree	Neutral	Agree	Strongly agree	Count
Surgery: Faculty provided effective teaching during the clerkship							
All Medical Schools	2017	3.3	7.8	15.0	38.1	35.8	15,169
All Medical Schools	2016	3.4	7.3	14.2	38.3	36.7	14,733
All Medical Schools	2015	3.3	7.9	14.5	38.5	35.9	14,502
All Medical Schools	2014	3.7	8.2	14.5	38.7	34.9	14,153

Surgery: Residents provided effective teaching during the clerkship

Note: Respondents had the option to select "Not applicable"; these data are not included in the report calculations and counts.

All Medical Schools	2017	3.3	6.1	11.0	32.2	47.4	13,946
All Medical Schools	2016	3.1	5.9	10.7	32.5	47.8	13,716
All Medical Schools	2015	3.3	6.4	10.8	32.3	47.2	13,578
All Medical Schools	2014	3.6	6.6	10.5	33.9	45.3	13,192
All Medical Schools	2013	4.3	6.5	11.8	34.9	42.5	13,436

12. Indicate whether you agree or disagree with the following statements about your preparedness for beginning a residency program:

		Percentage of Respondents Selecting Each Rating					Count
		Strongly disagree	Disagree	Neutral	Agree	Strongly agree	
I am confident that I have acquired the clinical skills required to begin a residency program.							
All Medical Schools	2017	0.5	1.8	7.6	46.8	43.3	15,137
All Medical Schools	2016	0.6	2.0	7.3	47.0	43.1	14,709
All Medical Schools	2015	0.5	2.2	8.0	48.3	40.9	14,384
All Medical Schools	2014	0.4	1.6	7.1	51.0	40.0	13,707
All Medical Schools	2013	0.4	1.7	8.5	53.2	36.2	13,411
I have the fundamental understanding of common conditions and their management encountered in the major clinical disciplines.							
All Medical Schools	2017	0.3	1.1	5.3	50.7	42.6	15,112
All Medical Schools	2016	0.4	1.0	5.4	50.3	42.9	14,684
All Medical Schools	2015	0.3	1.0	5.3	53.3	40.1	14,367
All Medical Schools	2014	0.2	0.9	4.7	56.1	38.1	13,694
All Medical Schools	2013	0.3	0.9	5.7	58.8	34.3	13,402
I have the communication skills necessary to interact with patients and health professionals.							
All Medical Schools	2017	0.2	0.2	1.5	24.6	73.5	15,083
All Medical Schools	2016	0.3	0.2	1.4	24.4	73.8	14,663
All Medical Schools	2015	0.1	0.2	1.4	26.7	71.5	14,337
All Medical Schools	2014	0.1	0.2	1.5	33.1	65.2	13,673
All Medical Schools	2013	0.2	0.2	2.2	37.9	59.5	13,394
I have basic skills in clinical decision making and the application of evidence based information to medical practice.							
All Medical Schools	2017	0.3	0.7	5.0	44.0	50.0	15,056
All Medical Schools	2016	0.4	0.8	4.8	44.9	49.1	14,622
All Medical Schools	2015	0.3	0.8	5.1	48.4	45.4	14,304
All Medical Schools	2014	0.2	0.6	3.9	50.4	45.0	13,663
All Medical Schools	2013	0.3	0.6	5.0	53.9	40.2	13,382
I have a fundamental understanding of the issues in social sciences of medicine (e.g., ethics, humanism, professionalism, organization and structure of the health care system).							
All Medical Schools	2017	0.3	1.0	5.1	38.1	55.5	15,110
All Medical Schools	2016	0.4	1.2	5.0	39.0	54.3	14,683
All Medical Schools	2015	0.3	1.0	5.4	42.9	50.4	14,369
All Medical Schools	2014	0.2	0.8	4.1	47.3	47.6	13,683
All Medical Schools	2013	0.3	1.1	5.5	50.8	42.4	13,395
I understand the ethical and professional values that are expected of the profession.							
All Medical Schools	2017	0.3	0.2	1.6	27.9	70.1	15,098
All Medical Schools	2016	0.3	0.2	1.5	27.8	70.2	14,666
All Medical Schools	2015	0.2	0.1	1.6	31.0	67.1	14,348
All Medical Schools	2014	0.2	0.1	1.5	36.9	61.3	13,676
All Medical Schools	2013	0.2	0.2	2.3	41.5	55.8	13,386
I believe I am adequately prepared to care for patients from different backgrounds.							
All Medical Schools	2017	0.3	0.6	3.8	33.1	62.3	15,112
All Medical Schools	2016	0.4	0.7	3.4	33.4	62.1	14,675
All Medical Schools	2015	0.2	0.6	3.9	39.7	55.7	14,356
All Medical Schools	2014	0.2	0.4	2.8	41.3	55.4	13,661
All Medical Schools	2013	0.3	0.5	3.8	45.4	49.9	13,359

		All Schools				
		2013	2014	2015	2016	2017
13.	Have you had a clinical training experience during medical school at a Department of Veterans Affairs medical facility?					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	Yes	62.7	61.2	59.0	60.5	58.9
	No	37.3	38.8	41.0	39.5	41.1
	Number of respondents	14,050	14,210	14,564	14,705	15,137
	How would you rate the value of your Department of Veterans Affairs clinical training experience?					
	Note: Only those who responded "Yes" to the prior question could respond to this item.					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	Poor	2.4	3.0	2.7	2.6	2.4
	Fair	6.0	5.7	5.6	5.6	6.0
	Adequate	21.0	20.6	20.9	21.6	21.8
	Very Good	37.3	36.6	36.9	38.0	37.1
	Excellent	33.3	34.1	33.8	32.2	32.7
	Number of respondents	8,802	8,687	8,590	8,881	8,892
14.	Indicate the activities you will have participated in during medical school on an elective (for credit) or volunteer (not required) basis:					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	Independent study project for credit	42.4	43.8	32.5	46.6	47.8
	Research project with faculty member	68.2	69.3	69.4	74.1	77.3
	Authorship (sole or joint) of a peer-reviewed paper submitted for publication	41.7	42.0	47.8	46.5	48.6
	Authorship (sole or joint) of a peer-reviewed oral or poster presentation		43.6	52.5	50.3	53.3
	Global health experience	30.2	29.0	31.2	28.0	27.1
	Educating elementary, high school or college students about careers in health professions or biological sciences	45.1	44.9	44.7	48.4	49.6
	Providing health education (e.g., HIV/AIDS education, breast cancer awareness, smoking cessation, obesity)	57.6	59.6	60.5	61.5	61.6
	Field experience in providing health education in the community (e.g., adult/child protective services, family violence program, rape crisis hotline)	41.2	37.9	36.2	35.0	36.0
	Field experience in home care	31.7	33.1	32.6	33.3	33.2
	Learned another language in order to improve communication with patients	24.8	23.6	23.7	23.9	24.8
	Learned the proper use of the interpreter when needed	70.8	74.1	73.1	79.4	79.7
	Experience related to health disparities	68.6	71.4	61.7	75.2	76.6
	Experience related to cultural awareness and cultural competence	67.5	70.9	64.2	72.4	73.7
	Community-based research project	27.5	29.2	26.0	31.4	31.8
	Field experience in nursing home care	30.7	32.2	31.9	31.8	31.2
	Experience with a free clinic for the underserved population	72.5	74.5	73.5	73.0	72.3
	Other	2.9	3.5	1.9	2.3	2.5
	Number of respondents	13,964	14,089	14,551	14,701	15,132

15. Indicate whether you agree or disagree with the following statement:

		Percentage of Respondents Selecting Each Rating					
		Strongly disagree	Disagree	Neutral	Agree	Strongly agree	Count
I received appropriate guidance in the selection of electives.							
All Medical Schools	2017	2.8	8.2	17.7	45.3	26.1	14,862
All Medical Schools	2016	3.3	9.4	19.2	45.2	22.9	14,607
All Medical Schools	2015	3.9	11.7	20.4	43.2	20.9	14,445
All Medical Schools	2014	4.5	13.0	21.0	43.1	18.2	14,051
All Medical Schools	2013	4.4	16.0	20.5	43.2	16.0	13,368

16. Based on your experiences, indicate whether you agree or disagree with the following statements:

		Percentage of Respondents Selecting Each Rating					
		Strongly disagree	Disagree	Neutral	Agree	Strongly agree	Count
My knowledge or opinion was influenced or changed by becoming more aware of the perspectives of individuals from different backgrounds.							
All Medical Schools	2017	0.6	2.2	11.5	46.5	39.3	15,008
All Medical Schools	2016	0.9	2.7	13.4	47.9	35.1	14,557
All Medical Schools	2015	1.0	2.1	11.5	47.7	37.7	14,435
All Medical Schools	2014	0.8	3.3	16.7	55.1	24.1	13,892
All Medical Schools	2013	1.0	3.7	17.3	56.4	21.6	13,188
The diversity within my medical school class enhanced my training and skills to work with individuals from different backgrounds.							
All Medical Schools	2017	3.7	9.0	20.9	35.5	31.0	15,029
All Medical Schools	2016	4.1	10.4	23.4	35.4	26.6	14,580
All Medical Schools	2015	4.1	10.2	23.7	35.8	26.2	14,454
All Medical Schools	2014	3.9	10.2	23.6	39.8	22.5	13,896
All Medical Schools	2013	3.1	8.9	20.7	44.9	22.4	13,188

17. Learning Environment Scales

A shortened version of the Medical School Learning Environment Survey (MSLES) instrument consists of 7 items measuring two dimensions of the learning environment – emotional climate, and student-faculty interaction. Each subscale is calculated by summing across the items, which are measured on a 0-5 point scale. **Higher scores for each subscale indicate more positive perceptions of the learning environment.** Only participants who responded to every item on the scale are included in the summary statistics. For each subscale, the mean score, the standard deviation, and the number of respondents are displayed below. Additionally, a reliability estimate (Cronbach’s alpha) is shown as a measure of internal consistency. The measure varies from 0 to 1, and an instrument is often considered to be reliable if the estimate is 0.7 or higher.

Emotional Climate

The emotional climate subscale combines the responses of three items assessing a student’s affective response to the learning environment. These questions ask to what extent [or, how often] the educational experience leads to a sense of achievement, valuing oneself, and confidence in one’s academic abilities. The possible range of responses for the emotional climate subscale is 0 to 15. Higher scores are correlated with positive perceptions of the learning environment.

		Reliability Estimate	Mean	Standard Deviation	Count
All Medical Schools	2017	0.9	9.6	3.2	14,747
All Medical Schools	2016	0.9	9.7	3.2	14,272

Student-Faculty Interaction

The student-faculty interaction subscale combines responses to four items assessing a student’s perception of faculty supportiveness. In addition to asking about perceived distance between faculty and students, these questions ask to what extent students feel that faculty are helpful when providing academic advice, when providing non-academic advice, and when answering questions and providing criticism. The possible range of responses for the student-faculty interaction subscale is 0 to 20, and higher scores are correlated with positive perceptions of the learning environment.

		Reliability Estimate	Mean	Standard Deviation	Count
All Medical Schools	2017	0.8	14.3	3.4	14,621
All Medical Schools	2016	0.8	14.2	3.4	14,184

18. Think about how often you experience[d] the following at your medical school. Determine your response by choosing one of the categories of frequency given below. Choose the category that best approximates your perceptions.

		Percentage of Respondents Selecting Each Rating						
		Never	Almost never	Sometimes	Fairly often	Very often	Always	Count
There are disconnects between what I am taught about professional behaviors/attitudes and what I see being demonstrated by faculty.								
All Medical Schools	2017	8.0	36.8	34.7	9.4	7.8	3.3	14,836
All Medical Schools	2016	7.3	36.7	35.0	9.6	7.8	3.6	14,374

19. Please rate how often the following professional behaviors/attitudes are demonstrated by your medical school's faculty.

		Percentage of Respondents Selecting Each Rating						
		Never	Almost never	Sometimes	Fairly often	Very often	Always	Count
Respecting patient confidentiality								
All Medical Schools	2017	0.1	0.1	1.8	7.3	38.3	52.5	14,760
All Medical Schools	2016	0.1	0.1	1.7	7.2	39.1	51.8	14,276
Using professional language/avoiding derogatory language								
All Medical Schools	2017	0.4	1.0	3.7	12.9	47.5	34.5	14,754
All Medical Schools	2016	0.4	1.3	3.6	13.2	47.3	34.1	14,262
Being respectful of house staff and other physicians								
All Medical Schools	2017	0.1	0.3	3.7	14.6	50.1	31.3	14,752
All Medical Schools	2016	0.2	0.3	3.7	14.8	50.7	30.3	14,262
Respecting diversity								
All Medical Schools	2017	0.1	0.5	4.5	12.6	41.7	40.6	14,723
All Medical Schools	2016	0.2	0.5	4.4	12.7	42.4	39.9	14,237
Being respectful of other health professions								
All Medical Schools	2017	0.1	0.4	5.4	16.9	46.1	31.1	14,677
All Medical Schools	2016	0.2	0.5	5.1	17.1	46.3	30.9	14,198
Being respectful of other specialties								
All Medical Schools	2017	0.2	1.3	10.0	26.5	44.4	17.6	14,752
All Medical Schools	2016	0.2	1.2	10.7	27.1	43.5	17.2	14,268
Providing direction and constructive feedback								
All Medical Schools	2017	0.2	1.9	12.0	25.4	42.2	18.3	14,743
All Medical Schools	2016	0.3	1.7	12.8	25.4	41.3	18.6	14,251
Showing respectful interaction with students								
All Medical Schools	2017	0.1	0.5	6.0	19.3	50.5	23.5	14,729
All Medical Schools	2016	0.2	0.4	6.2	19.4	50.6	23.2	14,243

19. Please rate how often the following professional behaviors/attitudes are demonstrated by your medical school's faculty. (Continued)

		Percentage of Respondents Selecting Each Rating						
		Never	Almost never	Sometimes	Fairly often	Very often	Always	Count
Showing empathy and compassion								
All Medical Schools	2017	0.1	0.5	6.1	20.4	50.0	22.7	14,718
All Medical Schools	2016	0.2	0.5	6.2	20.5	50.2	22.4	14,239
Being respectful of patients' dignity and autonomy								
All Medical Schools	2017	0.1	0.3	4.1	14.7	48.4	32.4	14,676
All Medical Schools	2016	0.1	0.3	4.3	15.4	48.6	31.2	14,168
Actively listened and showed interest in patients								
All Medical Schools	2017	0.1	0.3	4.7	18.2	52.9	23.9	14,748
All Medical Schools	2016	0.1	0.3	4.7	17.9	53.4	23.7	14,260
Taking time and effort to explain information to patients								
All Medical Schools	2017	0.1	0.8	7.6	22.4	48.6	20.5	14,734
All Medical Schools	2016	0.1	0.8	8.1	22.3	48.6	20.1	14,247
Advocating appropriately on behalf of his/her patients								
All Medical Schools	2017	0.1	0.4	5.5	17.0	49.2	27.8	14,728
All Medical Schools	2016	0.1	0.4	5.5	17.1	49.7	27.2	14,234
Resolving conflicts in ways that respect the dignity of all involved								
All Medical Schools	2017	0.1	0.4	4.9	17.3	50.4	26.8	14,713
All Medical Schools	2016	0.1	0.4	5.2	17.2	51.3	25.8	14,225

20. Indicate whether you agree or disagree with the following statements.

		Percentage of Respondents Selecting Each Rating					Count
		Strongly disagree	Disagree	Neutral	Agree	Strongly agree	
My medical school has done a good job of fostering and nurturing my development as a person							
All Medical Schools	2017	2.2	6.0	17.9	40.1	33.8	13,908
All Medical Schools	2016	2.5	5.7	17.3	41.7	32.9	13,533
My medical school has done a good job of fostering and nurturing my development as a future physician							
All Medical Schools	2017	0.7	1.5	6.0	42.3	49.5	14,749
All Medical Schools	2016	0.7	1.5	5.9	43.3	48.6	14,263

21. Tolerance for Ambiguity (TFA) Scale

Tolerance for Ambiguity (TFA) is a measure of one's ability to cope with situations of uncertainty. Scales measuring TFA have been used in prior research to show how ambiguity impacts medical education and medical care. TFA scores are calculated by summing across 7 items, which are measured on a 1-6 point scale. **The possible range of scores is 7 to 42, and higher scores are correlated with higher tolerance for ambiguity.** Only participants who responded to every item on the scale are included in the summary statistics. The mean TFA score, the standard deviation, and the number of respondents are displayed below. Additionally, a reliability estimate (Cronbach's alpha) is shown as a measure of internal consistency. The measure varies from 0 to 1, and an instrument is considered to be reliable if the estimate is 0.7 or higher.

Tolerance for Ambiguity (TFA) Scale		Reliability Estimate	Mean	Standard Deviation	Count
All Medical Schools	2017	0.8	24.8	6.1	14,415
All Medical Schools	2016	0.8	24.8	6.2	13,894

22. Interpersonal Reactivity Index (IRI)

The Interpersonal Reactivity Index (IRI) is a measure of individual differences in empathy. Scales measuring empathy have been used in prior research to show how levels of empathy may change throughout medical education. For Y2Q purposes, the IRI consists of 8 items. These include 4 items from each of the IRI subscales – perspective taking and empathic concern. IRI scores are calculated by summing across the 8 items, which are measured on a 0-4 point scale. **The possible range of scores is 0 to 32, and higher scores are correlated with higher levels of empathy.** Only participants who responded to every item on the scale are included in the summary statistics. The mean IRI score, the standard deviation, and the number of respondents are displayed below. Additionally, a reliability estimate (Cronbach's alpha) is shown as a measure of internal consistency. The measure varies from 0 to 1, and an instrument is considered to be reliable if the estimate is 0.7 or higher.

Interpersonal Reactivity Index (IRI)		Reliability Estimate	Mean	Standard Deviation	Count
All Medical Schools	2017	0.8	23.8	4.6	14,289
All Medical Schools	2016	0.8	23.6	4.7	13,822

23. Oldenburg Burnout Inventory for Medical Students Scale

The Oldenburg Burnout Inventory for Medical Students (OLBI-MS) is a modified and shortened version of the Oldenburg Burnout Inventory (OLBI). The OLBI-MS instrument consists of 16 items measuring two dimensions of burnout – exhaustion and disengagement. Each subscale is calculated by summing across the items, which are measured on a 0-3 point scale. **Higher scores are correlated with higher levels of burnout.** Only participants who responded to every item on the scale are included in the summary statistics. For each subscale, the mean score, the standard deviation, and the number of respondents are displayed below. Additionally, a reliability estimate (Cronbach’s alpha) is shown as a measure of internal consistency. The measure varies from 0 to 1, and an instrument is often considered to be reliable if the estimate is 0.7 or higher.

Disengagement

The disengagement subscale includes eight items on a 0-3 point scale and refers to distancing oneself from the object and content of medical school work and to negative attitudes toward medical school in general. The possible range of responses for the disengagement subscale is 0 to 24, and higher scores are correlated with higher levels of burnout.

		Reliability Estimate	Mean	Standard Deviation	Count
All Medical Schools	2017	0.8	9.8	3.7	14,196
All Medical Schools	2016	0.8	9.8	3.6	13,691

Exhaustion

The exhaustion subscale includes eight items on a 0-3 point scale and refers to the cognitive and physical strain as a consequence of the demands of medical school. The possible range of responses for the exhaustion subscale is 0 to 24, and higher scores are correlated with higher levels of burnout.

		Reliability Estimate	Mean	Standard Deviation	Count
All Medical Schools	2017	0.8	11.1	3.7	14,139
All Medical Schools	2016	0.8	11.1	3.6	13,689

All Schools

24. In which of the following activities do you plan to participate during your career?

Note: Percentages may not sum to 100% as multiple responses are allowed.

	2013	2014	2015	2016	2017
Patient Care	97.9	97.2	97.1		
Research	59.7	52.2	52.9		
Teaching	85.3	83.6	83.1		
Medical School Faculty	45.5	45.3	45.0		
Administration (e.g., Department Chair, Dean)	26.6	28.6	28.3		
Military Service	4.7	4.8	4.1		
Public Health	25.0	28.0	29.8		
Other	2.2	3.5	3.2		
Number of respondents	13,909	13,990	14,485		

		All Schools				
		2013	2014	2015	2016	2017
25.	Do you anticipate providing patient care full-time or part-time? Note: Only those who selected "Patient Care" at Q24 could respond to this item.					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	Full-time (at least 36 hours a week)			89.7	88.2	88.4
	Part-time (less than 36 hours a week)			10.3	11.8	11.6
	Number of respondents			13,594	13,567	14,032
26.	How exclusively do you expect to be involved in research? Note: Only those who selected "Research" at Q24 could respond to this item.					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	Full-time			2.5	2.8	2.5
	Significantly involved			42.2	44.5	44.1
	Involved in a limited way			55.3	52.6	53.4
	Number of respondents			8,301	7,294	7,647
27.	When thinking about your career, what is your intended area of practice?					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	Anesthesiology or subspecialty			6.2	5.7	5.5
	Dermatology or subspecialty			2.4	2.4	2.4
	Emergency Medicine or subspecialty			8.4	8.8	9.4
	Family Medicine or subspecialty			8.5	8.6	8.7
	Internal Medicine or subspecialty			20.0	19.6	19.0
	Internal Medicine/Pediatrics			1.9	2.0	1.8
	Medical Genetics or subspecialty			0.1	0.1	0.0
	Neurological Surgery			1.2	1.3	1.0
	Neurology or subspecialty			2.6	3.1	2.9
	Nuclear Medicine			0.0	0.0	0.0
	Obstetrics and Gynecology or subspecialty			6.1	5.9	6.3
	Ophthalmology or subspecialty			2.5	2.5	2.3
	Orthopaedic Surgery or subspecialty			4.7	4.5	4.2
	Otolaryngology or subspecialty			2.0	1.8	1.6
	Pathology or subspecialty			1.5	1.4	1.2
	Pediatrics or subspecialty			11.6	11.3	11.2
	Physical Medicine and Rehabilitation or subspecialty			1.0	1.2	1.4
	Plastic Surgery or subspecialty			0.8	0.9	1.0
	Preventive Medicine or subspecialty			0.1	0.1	0.1
	Psychiatry or subspecialty			4.4	4.9	5.3
	Radiation Oncology			1.0	0.9	1.0
	Radiology or subspecialty			3.7	4.1	4.5
	Surgery - General Surgery or subspecialty			6.2	6.1	6.2
	Thoracic Surgery or subspecialty			0.5	0.4	0.4
	Urology or subspecialty			1.6	1.6	1.6
	Vascular Surgery or subspecialty			0.3	0.3	0.3
	Undecided			0.5	0.5	0.4
	I do not plan to practice medicine			0.2	0.2	0.2
	Number of respondents			13,939	14,029	14,526

		All Schools				
		2013	2014	2015	2016	2017
28.	Do you plan, at some point in your career, to work as a hospitalist (i.e., full-time care of hospitalized patients)?					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	Yes			18.4	18.9	17.6
	No			44.5	44.8	46.9
	Not sure			37.1	36.3	35.5
Number of respondents				13,923	14,006	14,513

29. **How useful were the following resources in learning about specialty choice and career planning?**
Note: In 2013 only those responding "Yes" to "Are you planning to become certified in a specialty?" were offered this question. From 2014-2017 all respondents were offered this question.

		Percentage of Respondents Selecting Each Rating					Count
		Did not use	Not useful	Somewhat useful	Moderately useful	Very useful	
Advising/Mentoring							
All Medical Schools	2017	5.6	5.5	13.8	27.5	47.5	14,430
All Medical Schools	2016	5.8	6.0	13.5	27.4	47.4	13,930
All Medical Schools	2015	7.3	5.2	12.9	29.2	45.3	13,878
All Medical Schools	2014	8.4	5.8	13.3	29.6	42.9	13,370
All Medical Schools	2013	7.3	7.0	15.4	29.2	41.1	11,227
AAMC's Careers in Medicine website							
All Medical Schools	2017	30.2	8.2	23.7	24.9	13.0	14,395
All Medical Schools	2016	31.4	8.4	23.7	23.6	12.9	13,900
All Medical Schools	2015	28.7	5.5	19.5	28.6	17.8	13,839
All Medical Schools	2014	32.1	6.5	19.7	26.0	15.7	13,313
All Medical Schools	2013	30.7	6.3	20.1	27.6	15.4	11,191
Specialty interest group-sponsored panels and presentations							
All Medical Schools	2017	14.1	5.8	21.9	33.8	24.4	14,422
All Medical Schools	2016	15.0	6.1	22.7	32.8	23.5	13,901
All Medical Schools	2015	15.4	4.0	16.9	33.6	30.2	13,849
All Medical Schools	2014	16.1	4.5	18.6	34.2	26.6	13,348
All Medical Schools	2013	14.8	4.4	19.8	34.4	26.6	11,178
School-sponsored career planning workshops and courses							
All Medical Schools	2017	28.6	9.7	21.6	27.2	12.9	14,416
All Medical Schools	2016	29.2	9.2	22.7	26.3	12.6	13,899
All Medical Schools	2015	31.8	7.4	16.6	27.4	16.7	13,841
All Medical Schools	2014	37.2	7.9	16.7	24.8	13.4	13,321
All Medical Schools	2013	33.9	8.1	18.0	25.6	14.4	11,166
Participation in in-house and extramural electives							
All Medical Schools	2017	13.9	3.8	11.4	26.4	44.5	14,439
All Medical Schools	2016	13.9	3.7	11.3	25.9	45.0	13,925
All Medical Schools	2015	16.7	2.9	9.0	24.5	46.9	13,850
All Medical Schools	2014	18.5	2.9	9.6	24.9	44.1	13,341
All Medical Schools	2013	15.0	3.2	11.1	26.1	44.7	11,206
Other publications and web-based resources							
All Medical Schools	2017	22.6	4.5	21.6	31.6	19.9	14,397
All Medical Schools	2016	23.5	4.4	21.1	32.1	18.9	13,895
All Medical Schools	2015	24.9	2.4	15.4	33.4	23.9	13,833
All Medical Schools	2014	27.7	3.1	15.7	32.0	21.5	13,291
All Medical Schools	2013	24.6	3.1	18.6	32.1	21.5	11,152

30. How influential were the following in helping you choose your specialty?

Note: In 2013 only those responding "Yes" to "Are you planning to become certified in a specialty?" were offered this question. From 2014 to 2017 all respondents were offered this question.

		Percentage of Respondents Selecting Each Rating				
		No influence	Minor influence	Moderate influence	Strong influence	Count
Competitiveness of specialty						
All Medical Schools	2017	29.7	30.9	30.4	9.0	14,462
All Medical Schools	2016	29.7	29.8	31.1	9.3	13,969
All Medical Schools	2015	30.8	28.7	30.6	10.0	13,897
All Medical Schools	2014	30.4	27.9	31.2	10.6	12,053
All Medical Schools	2013	30.6	27.5	31.5	10.4	11,243
Level of educational debt						
All Medical Schools	2017	54.5	24.0	15.3	6.2	14,438
All Medical Schools	2016	52.9	24.0	15.9	7.2	13,943
All Medical Schools	2015	51.8	24.0	16.4	7.8	13,880
All Medical Schools	2014	50.5	22.9	17.8	8.8	12,038
All Medical Schools	2013	49.0	23.3	19.0	8.8	11,228
Role model influence						
All Medical Schools	2017	7.4	12.0	30.1	50.4	14,454
All Medical Schools	2016	6.9	11.4	29.5	52.2	13,942
All Medical Schools	2015	7.6	11.0	28.8	52.6	13,888
All Medical Schools	2014	7.9	10.6	29.0	52.5	12,040
All Medical Schools	2013	8.2	11.8	29.7	50.3	11,241
Options for fellowship training						
All Medical Schools	2017	18.8	19.9	30.0	31.2	14,432
All Medical Schools	2016	18.2	19.1	30.3	32.5	13,938
All Medical Schools	2015	18.1	17.6	29.9	34.5	13,871
All Medical Schools	2014	20.2	19.8	29.3	30.7	12,043
All Medical Schools	2013	20.1	19.3	31.4	29.1	11,238
Income expectations						
All Medical Schools	2017	22.5	32.1	32.3	13.2	14,457
All Medical Schools	2016	22.2	31.1	32.8	13.9	13,965
All Medical Schools	2015	22.2	30.8	32.8	14.2	13,890
All Medical Schools	2014	22.0	30.6	32.9	14.5	12,050
All Medical Schools	2013	21.6	30.6	33.9	13.9	11,237
Length of residency training						
All Medical Schools	2017	24.4	32.6	30.8	12.2	14,461
All Medical Schools	2016	24.3	32.5	30.1	13.1	13,959
All Medical Schools	2015	24.0	31.9	31.3	12.8	13,896
All Medical Schools	2014	25.0	31.3	31.3	12.5	12,048
All Medical Schools	2013	25.5	31.7	31.3	11.5	11,239
Family expectations						
All Medical Schools	2017	45.2	23.2	19.8	11.9	14,462
All Medical Schools	2016	44.5	22.7	19.9	12.9	13,958
All Medical Schools	2015	43.5	22.1	20.5	13.9	13,890
All Medical Schools	2014	43.3	22.6	20.5	13.6	12,044
All Medical Schools	2013	42.5	22.8	21.1	13.6	11,240

30. How influential were the following in helping you choose your specialty?

Note: In 2013 only those responding "Yes" to "Are you planning to become certified in a specialty?" were offered this question. From 2014 to 2017 all respondents were offered this question. (Continued)

		Percentage of Respondents Selecting Each Rating				Count
		No influence	Minor influence	Moderate influence	Strong influence	
My future family plans						
All Medical Schools	2017	18.7	21.1	32.4	27.8	14,457
All Medical Schools	2016	17.9	19.9	32.3	29.9	13,954
All Medical Schools	2015	17.7	19.6	31.8	31.0	13,888
All Medical Schools	2014	16.6	19.9	32.3	31.2	12,047
All Medical Schools	2013	17.1	19.4	32.9	30.6	11,241
Work/Life balance						
All Medical Schools	2017	6.0	15.8	35.4	42.8	14,453
All Medical Schools	2016	5.9	15.3	35.1	43.8	13,931
All Medical Schools	2015	6.3	15.2	33.8	44.7	13,875
All Medical Schools	2014	6.2	15.4	34.4	44.0	12,023
All Medical Schools	2013	6.6	15.2	34.5	43.7	11,216
Fit with personality, interests, and skills						
All Medical Schools	2017	0.4	1.1	11.5	87.1	14,462
All Medical Schools	2016	0.4	1.1	11.4	87.0	13,960
All Medical Schools	2015	0.4	0.9	9.6	89.0	13,907
All Medical Schools	2014	0.4	1.2	10.9	87.4	12,051
All Medical Schools	2013	0.3	1.4	12.3	86.0	11,243
Content of specialty						
All Medical Schools	2017	0.6	1.5	16.3	81.6	14,455
All Medical Schools	2016	0.5	1.6	16.0	81.9	13,945
All Medical Schools	2015	0.5	1.4	13.7	84.4	13,892
All Medical Schools	2014	0.4	1.5	15.4	82.8	12,045
All Medical Schools	2013	0.3	1.7	16.2	81.8	11,226

All Schools

31. Where do you hope to work after completing your medical training?

Note: The response options were revised in 2016. "Undecided" was added and other locations were discontinued or consolidated.

	2013	2014	2015	2016	2017
	Percent	Percent	Percent	Percent	Percent
Alabama				1.0	0.9
Alaska				0.2	0.2
Arizona				1.0	0.8
Arkansas				0.3	0.2
California				14.3	15.0
Colorado				2.2	2.0
Connecticut				0.4	0.6
Delaware				0.0	0.1
District of Columbia				0.8	0.8
Florida				3.7	3.7
Georgia				1.5	1.9
Hawaii				0.5	0.4
Idaho				0.2	0.3
Iowa				0.6	0.3
Illinois				3.6	3.5
Indiana				0.6	0.6

	All Schools				
	2013	2014	2015	2016	2017
31. Where do you hope to work after completing your medical training?					
Note: The response options were revised in 2016. "Undecided" was added and other locations were discontinued or consolidated. (Continued)					
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Kansas				0.7	0.5
Kentucky				0.7	0.8
Louisiana				1.0	1.0
Maine				0.3	0.3
Maryland				1.3	1.0
Massachusetts				2.9	3.7
Michigan				2.2	2.6
Minnesota				1.7	1.6
Mississippi				0.4	0.4
Missouri				1.1	1.0
Montana				0.3	0.3
Nebraska				0.4	0.4
Nevada				0.2	0.2
New Hampshire				0.1	0.1
New Jersey				1.0	0.9
New Mexico				0.4	0.4
New York				6.6	6.1
North Carolina				2.7	2.5
North Dakota				0.1	0.0
Ohio				2.2	2.0
Oklahoma				0.5	0.3
Oregon				1.1	1.1
Pennsylvania				3.0	3.7
Puerto Rico				0.7	0.7
Rhode Island				0.1	0.1
South Carolina				1.0	1.1
South Dakota				0.2	0.3
Tennessee				1.2	1.3
Texas				6.6	5.9
Utah				0.8	0.8
Vermont				0.3	0.2
Virginia				1.4	1.5
Washington				2.2	2.2
West Virginia				0.2	0.4
Wisconsin				1.0	1.2
Wyoming				0.1	0.2
U.S. Territory/Possession				0.1	0.0
Canada				0.2	0.3
Other Foreign Country				0.6	0.7
Undecided				21.7	20.6
Number of respondents				12,018	12,242

		All Schools				
		2013	2014	2015	2016	2017
32.	Please indicate the setting in which you plan to work after the completion of your medical education and training: Note: In 2015, "Suburb of moderate size city" was inadvertently omitted from the response options.					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	Large city (population 500,000 or more)			41.5	38.6	39.7
	Suburb of a large city			14.8	14.1	13.1
	City of moderate size (population 50,000 to 500,000)			23.3	21.3	21.5
	Suburb of moderate size city				4.8	4.9
	Small city (population 10,000 to 50,000--other than suburb)			4.8	4.0	4.2
	Town (population 2,500 to 10,000--other than suburb)			1.9	1.7	1.8
	Small town (population less than 2,500)			0.5	0.6	0.6
	Rural/unincorporated area			1.1	1.1	1.2
	Undecided or no preference			12.2	13.8	13.0
	Number of respondents			13,889	13,968	14,477
33.	Do you plan to work primarily in an underserved area? Note: From 2013 to 2014 the question was, "Do you plan to practice in an underserved area?"					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	Yes	30.6	30.4	22.3	23.1	25.5
	No	22.6	20.8	29.8	28.8	27.0
	Undecided	46.7	48.9	47.9	48.1	47.4
	Number of respondents	13,213	13,429	13,904	13,977	14,467
34.	Regardless of location, do you plan to care primarily for an underserved population?					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	Yes	27.7	27.3	28.2	29.8	33.4
	No	30.7	28.7	26.5	25.6	23.0
	Undecided	41.7	44.1	45.3	44.6	43.6
	Number of respondents	13,213	13,429	13,898	13,980	14,477
35.	If you could revisit your career choice, would you choose to attend medical school again?					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	No	1.8	3.9	2.4	1.9	2.1
	Probably not	5.3	7.2	6.7	6.0	5.5
	Neutral	8.7	9.8	9.1	8.9	9.1
	Probably yes	30.3	29.8	32.0	32.3	32.6
	Yes	54.0	49.4	49.7	50.9	50.7
	Number of respondents	11,327	13,477	13,926	13,998	14,490

- 36. Indicate your level of satisfaction with the following:**
Note: For items with an asterisk (*) respondents had the option to select "Did not use"; these responses are not included in the report calculations and counts.

		Percentage of Respondents Selecting Each Rating					Count
		Very dissatisfied	Dissatisfied	Neutral	Satisfied	Very satisfied	
Office of the Dean of Students/Associate Dean for Students: Accessibility							
All Medical Schools	2017	2.0	3.2	15.2	36.5	43.0	14,442
All Medical Schools	2016	2.0	3.2	15.6	37.0	42.3	13,957
All Medical Schools	2015	1.7	2.8	12.6	37.2	45.7	13,995
All Medical Schools	2014	1.5	2.9	13.3	39.2	43.2	13,573
All Medical Schools	2013	1.8	3.3	13.2	40.4	41.4	13,335
Office of the Dean of Students/Associate Dean for Students: Awareness of student concerns							
All Medical Schools	2017	3.9	6.7	16.7	35.7	37.0	14,427
All Medical Schools	2016	3.6	6.6	16.9	37.3	35.6	13,952
All Medical Schools	2015	3.3	6.4	15.6	36.7	37.9	13,987
All Medical Schools	2014	3.0	5.6	15.4	38.8	37.2	13,545
All Medical Schools	2013	3.0	6.1	15.0	39.1	36.8	13,312
Office of the Dean of Students/Associate Dean for Students: Responsiveness to student problems							
All Medical Schools	2017	4.4	6.9	16.7	34.1	38.0	14,323
All Medical Schools	2016	4.2	6.7	17.6	35.1	36.4	13,887
All Medical Schools	2015	3.8	6.7	16.0	35.1	38.5	13,859
All Medical Schools	2014	3.6	6.6	16.2	36.0	37.6	13,441
All Medical Schools	2013	3.6	6.7	16.0	36.4	37.4	13,235
Office of the Dean for Educational Programs/Curricular Affairs: Accessibility							
All Medical Schools	2017	1.9	3.6	20.2	39.8	34.5	14,404
All Medical Schools	2016	2.1	3.3	20.9	40.4	33.3	13,927
All Medical Schools	2015	1.7	2.8	17.7	40.9	36.8	13,969
All Medical Schools	2014	1.5	2.9	18.3	42.5	34.8	13,503
All Medical Schools	2013	1.6	3.1	19.2	43.7	32.4	13,276
Office of the Dean for Educational Programs/Curricular Affairs: Awareness of student concerns							
All Medical Schools	2017	3.3	6.1	20.5	38.3	31.8	14,386
All Medical Schools	2016	3.2	6.0	20.8	39.5	30.5	13,905
All Medical Schools	2015	2.8	5.2	19.2	39.3	33.6	13,940
All Medical Schools	2014	2.3	5.0	18.6	41.5	32.5	13,480
All Medical Schools	2013	2.4	5.2	19.8	41.9	30.7	13,261
Office of the Dean for Educational Programs/Curricular Affairs: Responsiveness to student problems							
All Medical Schools	2017	3.7	6.9	21.0	36.3	32.1	14,380
All Medical Schools	2016	3.9	6.7	22.0	36.8	30.7	13,909
All Medical Schools	2015	3.5	6.1	19.2	37.7	33.5	13,941
All Medical Schools	2014	2.9	6.1	19.7	39.4	32.0	13,474
All Medical Schools	2013	3.0	6.2	20.4	39.7	30.8	13,262
Office of the Dean for Educational Programs/Curricular Affairs: Participation of students on key medical school committees							
All Medical Schools	2017	2.4	3.6	21.6	38.1	34.3	14,374
All Medical Schools	2016	2.4	3.5	22.2	39.0	33.0	13,890
All Medical Schools	2015	2.1	3.1	19.5	38.5	36.9	13,932
All Medical Schools	2014	1.7	3.0	19.9	41.2	34.2	13,450
All Medical Schools	2013	1.8	3.1	20.8	41.9	32.5	13,227
Student Support: Academic counseling*							
All Medical Schools	2017	4.2	8.8	13.6	38.5	35.0	11,283
All Medical Schools	2016	4.2	8.2	13.7	39.3	34.5	10,720
All Medical Schools	2015	3.7	9.3	12.9	37.8	36.3	9,839
All Medical Schools	2014	3.8	8.7	12.7	40.0	34.9	9,298

- 36. Indicate your level of satisfaction with the following:**
Note: For items with an asterisk (*) respondents had the option to select "Did not use"; these responses are not included in the report calculations and counts. (Continued)

		Percentage of Respondents Selecting Each Rating					Count
		Very dissatisfied	Dissatisfied	Neutral	Satisfied	Very satisfied	
Student Support: Tutoring*							
All Medical Schools	2017	3.5	7.3	17.8	37.3	34.0	6,491
All Medical Schools	2016	4.1	7.0	17.2	38.2	33.5	6,331
All Medical Schools	2015	3.1	7.4	15.8	39.5	34.1	5,250
All Medical Schools	2014	3.1	7.3	17.0	39.7	33.0	5,175
Student Support: Personal counseling*							
All Medical Schools	2017	4.2	8.2	15.3	34.8	37.5	8,132
All Medical Schools	2016	4.4	7.2	15.1	35.5	37.8	7,727
All Medical Schools	2015	3.5	7.6	13.4	34.4	41.1	6,443
All Medical Schools	2014	3.6	7.0	14.3	36.5	38.6	6,444
All Medical Schools	2013	3.3	7.3	12.5	37.8	39.1	7,278
Student Support: Financial aid administrative services*							
All Medical Schools	2017	3.5	6.8	14.6	36.9	38.1	11,179
All Medical Schools	2016	3.2	6.5	14.5	38.0	37.7	10,833
All Medical Schools	2015	2.7	5.7	12.8	37.6	41.3	11,091
All Medical Schools	2014	2.4	6.0	12.0	39.1	40.4	11,012
All Medical Schools	2013	2.9	6.3	11.1	40.8	38.9	11,053
Student Support: Overall educational debt management counseling*							
All Medical Schools	2017	4.6	10.0	19.1	35.6	30.7	10,503
All Medical Schools	2016	4.2	9.5	19.0	37.3	30.0	10,224
All Medical Schools	2015	3.5	9.0	17.1	37.0	33.4	10,348
All Medical Schools	2014	2.8	8.3	16.5	40.2	32.3	10,317
All Medical Schools	2013	3.3	9.4	17.0	40.2	30.2	10,141
Student Support: Senior loan exit interview*							
All Medical Schools	2017	2.8	4.9	20.0	37.9	34.4	8,563
All Medical Schools	2016	2.5	4.7	19.6	38.9	34.3	8,406
All Medical Schools	2015	2.0	3.9	18.1	38.5	37.5	8,533
All Medical Schools	2014	1.6	3.5	18.3	40.9	35.7	8,706
All Medical Schools	2013	1.7	4.0	19.8	41.3	33.3	8,817
Student Support: Faculty mentoring*							
All Medical Schools	2017	2.3	5.5	12.0	35.9	44.4	13,759
All Medical Schools	2016	2.4	5.0	11.9	37.0	43.8	13,239
All Medical Schools	2015	2.6	7.0	12.4	34.2	43.8	13,055
All Medical Schools	2014	2.6	6.9	12.6	36.4	41.4	12,602
All Medical Schools	2013	3.1	8.3	13.6	37.5	37.4	12,220
Career Planning Services: Career preference assessment activities*							
All Medical Schools	2017	4.1	9.6	23.9	39.4	23.0	9,982
All Medical Schools	2016	4.3	9.1	23.6	41.3	21.7	9,398
All Medical Schools	2015	4.0	10.5	21.0	39.0	25.5	10,400
All Medical Schools	2014	4.1	10.7	21.2	40.2	23.8	9,992
All Medical Schools	2013	4.0	11.6	22.2	40.1	22.1	10,263
Career Planning Services: Information about specialties*							
All Medical Schools	2017	3.0	8.1	17.7	45.1	26.2	12,379
All Medical Schools	2016	3.1	7.6	17.8	46.2	25.3	11,712
All Medical Schools	2015	3.0	9.3	17.1	42.8	27.8	12,428
All Medical Schools	2014	3.1	9.1	17.6	43.8	26.4	11,968
All Medical Schools	2013	3.2	9.5	18.8	44.3	24.2	11,722

- 36. Indicate your level of satisfaction with the following:**
Note: For items with an asterisk (*) respondents had the option to select "Did not use"; these responses are not included in the report calculations and counts. (Continued)

		Percentage of Respondents Selecting Each Rating					Count
		Very dissatisfied	Dissatisfied	Neutral	Satisfied	Very satisfied	
Career Planning Services: Information about alternative medical careers*							
All Medical Schools	2017	9.3	20.4	25.3	27.0	18.0	9,447
All Medical Schools	2016	9.7	19.7	24.8	28.8	17.0	9,045
All Medical Schools	2015	9.0	21.3	26.6	25.0	18.2	9,170
All Medical Schools	2014	8.4	23.5	26.3	25.2	16.7	9,085
All Medical Schools	2013	8.4	23.4	26.5	25.8	15.9	9,264
Career Planning Services: Overall satisfaction with career planning services*							
All Medical Schools	2017	4.4	9.9	21.9	41.6	22.3	12,222
All Medical Schools	2016	4.3	9.1	22.2	43.4	21.0	11,607
All Medical Schools	2015	3.9	10.8	21.2	39.7	24.4	12,282
All Medical Schools	2014	3.9	10.4	20.7	42.4	22.7	11,826
All Medical Schools	2013	4.0	11.0	22.5	41.6	21.0	11,590
Wellness: Student programs/activities that promote effective stress management, a balanced lifestyle and overall well being*							
All Medical Schools	2017	3.1	6.7	18.1	38.8	33.3	12,541
All Medical Schools	2016	2.9	6.8	17.1	40.5	32.8	11,858
All Medical Schools	2015	2.5	6.2	15.8	40.6	34.9	11,620
All Medical Schools	2014	2.6	6.5	16.9	41.7	32.3	10,661
All Medical Schools	2013	2.6	7.2	17.9	42.4	29.8	10,873
Student Health: Student health services*							
All Medical Schools	2017	2.9	6.3	11.4	41.7	37.8	12,213
All Medical Schools	2016	3.3	6.7	11.2	42.3	36.6	11,753
All Medical Schools	2015	2.8	6.5	11.0	43.2	36.5	11,725
All Medical Schools	2014	3.0	7.4	11.8	44.8	33.0	11,454
All Medical Schools	2013	3.4	8.3	12.6	45.3	30.4	11,317
Student Health: Student mental health services*							
All Medical Schools	2017	4.6	7.7	13.8	34.5	39.5	6,670
All Medical Schools	2016	5.3	7.3	13.3	34.5	39.6	5,913
All Medical Schools	2015	4.0	6.8	12.2	36.1	40.9	5,416
All Medical Schools	2014	3.9	7.0	14.1	38.6	36.5	5,292
All Medical Schools	2013	4.1	6.4	14.4	40.3	34.8	5,604
Student Health: Student health insurance*							
All Medical Schools	2017	7.5	13.5	17.4	35.3	26.3	9,856
All Medical Schools	2016	9.1	13.1	17.8	36.2	23.8	9,414
All Medical Schools	2015	7.4	13.3	17.1	37.0	25.2	9,440
All Medical Schools	2014	7.3	12.9	17.3	39.1	23.4	9,199
All Medical Schools	2013	8.4	14.9	18.0	37.7	20.9	9,509
Facilities: Library*							
All Medical Schools	2017	1.4	4.3	7.9	39.5	46.8	13,975
All Medical Schools	2016	1.7	4.6	7.8	40.6	45.3	13,438
All Medical Schools	2015	1.3	4.1	7.6	41.0	45.9	13,525
All Medical Schools	2014	1.1	4.4	7.0	42.4	45.0	13,167
All Medical Schools	2013	1.3	4.7	8.2	43.8	42.0	12,987
Facilities: Computer resource center*							
All Medical Schools	2017	1.4	4.0	10.0	40.8	43.9	12,776
All Medical Schools	2016	1.8	4.7	10.0	41.8	41.6	12,541
All Medical Schools	2015	1.3	4.5	9.0	42.1	43.1	12,734
All Medical Schools	2014	1.3	4.1	8.6	43.6	42.4	12,529
All Medical Schools	2013	1.2	4.2	9.1	45.5	40.1	12,531

36. Indicate your level of satisfaction with the following:
Note: For items with an asterisk (*) respondents had the option to select "Did not use"; these responses are not included in the report calculations and counts. (Continued)

		Percentage of Respondents Selecting Each Rating					Count
		Very dissatisfied	Dissatisfied	Neutral	Satisfied	Very satisfied	
Facilities: Student study space*							
All Medical Schools	2017	2.7	7.5	10.5	37.5	41.8	14,068
All Medical Schools	2016	3.0	8.2	10.3	37.8	40.7	13,544
All Medical Schools	2015	2.4	7.7	10.3	38.8	40.8	13,556
All Medical Schools	2014	2.7	8.3	9.5	39.1	40.3	13,147
All Medical Schools	2013	2.3	8.4	10.5	41.8	37.0	12,937
Facilities: Student relaxation space*							
All Medical Schools	2017	4.4	11.8	16.7	33.9	33.2	12,817
All Medical Schools	2016	4.5	11.5	16.8	35.1	31.9	12,405
All Medical Schools	2015	4.1	10.8	16.6	35.8	32.7	12,501
All Medical Schools	2014	4.1	11.6	15.5	35.9	32.9	12,192
All Medical Schools	2013	3.7	11.2	16.4	38.3	30.5	12,073

		All Schools				
		2013	2014	2015	2016	2017
37. Are you aware that your school has policies regarding the mistreatment of medical students?						
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Yes		88.2	93.3	94.5	95.7	97.0
No		11.8	6.7	5.5	4.3	3.0
Number of respondents		13,192	13,515	13,954	13,920	14,409

38. Do you know the procedures at your school for reporting the mistreatment of medical students?						
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Yes		71.7	78.6	80.8	82.3	86.1
No		28.3	21.4	19.2	17.7	13.9
Number of respondents		13,160	13,510	13,954	13,927	14,402

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

		Percentage of Respondents Selecting Each Rating				Count
		Never	Once	Occasionally	Frequently	
Been publicly embarrassed?						
All Medical Schools	2017	57.0	21.0	21.1	0.9	14,396
All Medical Schools	2016	58.1	20.5	20.4	1.0	13,904
All Medical Schools	2015	53.7	17.9	27.0	1.4	13,877
All Medical Schools	2014	53.7	18.3	26.6	1.4	13,243
All Medical Schools	2013	52.8	18.1	27.5	1.5	13,014

- 39. For each of the following behaviors, please indicate the frequency you personally experienced that behavior during medical school. Include in your response any behaviors performed by faculty, nurses, residents/interns, other institution employees or staff, and other students. Please do not include behaviors performed by patients.**

During medical school, how frequently have you... (Continued)

		Percentage of Respondents Selecting Each Rating					
		Never	Once	Occasionally	Frequently	Count	
Been publicly humiliated?							
All Medical Schools	2017	78.4	12.8	8.3	0.5	14,382	
All Medical Schools	2016	78.8	12.6	8.2	0.5	13,886	
All Medical Schools	2015	80.5	10.3	8.6	0.6	13,852	
All Medical Schools	2014	77.3	12.4	9.6	0.7	13,253	
All Medical Schools	2013	76.7	11.8	10.8	0.7	13,011	
Been threatened with physical harm?							
All Medical Schools	2017	98.6	1.0	0.3	0.0	14,382	
All Medical Schools	2016	98.6	1.0	0.3	0.1	13,891	
All Medical Schools	2015	98.4	1.2	0.3	0.1	13,855	
All Medical Schools	2014	98.3	1.3	0.3	0.1	13,325	
All Medical Schools	2013	98.1	1.5	0.4	0.1	13,113	
Been physically harmed?							
All Medical Schools	2017	98.3	1.4	0.3	0.0	14,373	
All Medical Schools	2016	98.1	1.6	0.3	0.1	13,885	
All Medical Schools	2015	97.9	1.8	0.3	0.0	13,857	
All Medical Schools	2014	97.6	2.1	0.2	0.0	13,340	
All Medical Schools	2013	97.6	2.1	0.3	0.1	13,115	
Been required to perform personal services?							
All Medical Schools	2017	93.8	4.2	1.8	0.2	14,394	
All Medical Schools	2016	94.3	3.8	1.7	0.1	13,901	
All Medical Schools	2015	92.1	5.1	2.6	0.2	13,875	
All Medical Schools	2014	91.9	4.7	3.1	0.3	13,323	
All Medical Schools	2013	91.0	5.4	3.3	0.2	13,100	
Been subjected to unwanted sexual advances?							
All Medical Schools	2017	95.7	2.8	1.4	0.1	14,387	
All Medical Schools	2016	96.2	2.4	1.3	0.2	13,897	
All Medical Schools	2015	95.3	2.6	2.0	0.1	13,868	
All Medical Schools	2014	95.6	2.4	1.8	0.2	13,329	
All Medical Schools	2013	95.3	2.7	1.8	0.2	13,098	
Been asked to exchange sexual favors for grades or other rewards?							
All Medical Schools	2017	99.7	0.1	0.1	0.0	14,385	
All Medical Schools	2016	99.8	0.1	0.1	0.1	13,895	
All Medical Schools	2015	99.8	0.1	0.1	0.0	13,863	
All Medical Schools	2014	99.8	0.1	0.1	0.0	13,338	
All Medical Schools	2013	99.7	0.1	0.1	0.0	13,121	
Been denied opportunities for training or rewards based on gender?							
All Medical Schools	2017	94.1	2.9	2.7	0.4	14,390	
All Medical Schools	2016	94.4	2.6	2.6	0.4	13,892	
All Medical Schools	2015	93.6	2.7	3.2	0.4	13,863	
All Medical Schools	2014	94.5	2.4	2.8	0.3	13,318	
All Medical Schools	2013	94.4	2.4	2.8	0.4	13,113	

39. For each of the following behaviors, please indicate the frequency you personally experienced that behavior during medical school. Include in your response any behaviors performed by faculty, nurses, residents/interns, other institution employees or staff, and other students. Please do not include behaviors performed by patients.

During medical school, how frequently have you... (Continued)

		Percentage of Respondents Selecting Each Rating					
		Never	Once	Occasionally	Frequently	Count	
Been subjected to offensive sexist remarks/names?							
All Medical Schools	2017	85.2	7.1	7.0	0.7	14,382	
All Medical Schools	2016	87.1	6.3	6.1	0.5	13,891	
All Medical Schools	2015	85.9	5.9	7.6	0.6	13,862	
All Medical Schools	2014	86.8	5.2	7.4	0.6	13,297	
All Medical Schools	2013	85.7	6.0	7.6	0.7	13,058	
Received lower evaluations or grades solely because of gender rather than performance?							
All Medical Schools	2017	94.2	3.9	1.6	0.3	14,370	
All Medical Schools	2016	94.3	3.7	1.7	0.3	13,889	
All Medical Schools	2015	93.8	4.0	1.9	0.3	13,866	
All Medical Schools	2014	93.9	4.1	1.8	0.2	13,325	
All Medical Schools	2013	93.9	4.1	1.7	0.3	13,103	
Been denied opportunities for training or rewards based on race or ethnicity?							
All Medical Schools	2017	97.1	1.2	1.3	0.5	14,384	
All Medical Schools	2016	97.1	0.9	1.5	0.5	13,888	
All Medical Schools	2015	96.6	1.1	1.7	0.6	13,861	
All Medical Schools	2014	97.1	0.9	1.4	0.5	13,331	
All Medical Schools	2013	96.9	1.1	1.5	0.6	13,112	
Been subjected to racially or ethnically offensive remarks/names?							
All Medical Schools	2017	92.8	3.8	3.0	0.4	14,380	
All Medical Schools	2016	93.3	3.5	2.7	0.4	13,885	
All Medical Schools	2015	92.7	3.5	3.4	0.3	13,856	
All Medical Schools	2014	93.3	3.1	3.3	0.3	13,310	
All Medical Schools	2013	93.1	3.1	3.3	0.4	13,086	
Received lower evaluations or grades solely because of race or ethnicity rather than performance?							
All Medical Schools	2017	97.2	1.5	1.0	0.3	14,383	
All Medical Schools	2016	97.3	1.3	1.0	0.4	13,870	
All Medical Schools	2015	97.0	1.5	1.2	0.3	13,856	
All Medical Schools	2014	97.4	1.4	0.9	0.2	13,316	
All Medical Schools	2013	97.7	1.2	0.8	0.3	13,102	
Been denied opportunities for training or rewards based on sexual orientation?							
All Medical Schools	2017	99.5	0.2	0.2	0.1	14,374	
All Medical Schools	2016	99.5	0.2	0.2	0.1	13,878	
All Medical Schools	2015	99.5	0.2	0.3	0.1	13,853	
All Medical Schools	2014	99.4	0.2	0.3	0.1	13,324	
All Medical Schools	2013	99.5	0.1	0.2	0.1	13,102	
Been subjected to offensive remarks/names related to sexual orientation?							
All Medical Schools	2017	97.9	1.0	1.0	0.1	14,371	
All Medical Schools	2016	98.0	0.9	1.0	0.2	13,870	
All Medical Schools	2015	97.9	0.9	1.1	0.1	13,854	
All Medical Schools	2014	98.1	0.7	1.1	0.1	13,307	
All Medical Schools	2013	97.7	0.8	1.3	0.2	13,072	

39. For each of the following behaviors, please indicate the frequency you personally experienced that behavior during medical school. Include in your response any behaviors performed by faculty, nurses, residents/interns, other institution employees or staff, and other students. Please do not include behaviors performed by patients.

During medical school, how frequently have you... (Continued)

		Percentage of Respondents Selecting Each Rating					
		Never	Once	Occasionally	Frequently	Count	
Received lower evaluations or grades solely because of sexual orientation rather than performance?							
All Medical Schools	2017	99.5	0.2	0.2	0.0	14,354	
All Medical Schools	2016	99.5	0.3	0.1	0.1	13,860	
All Medical Schools	2015	99.6	0.2	0.1	0.1	13,832	
All Medical Schools	2014	99.6	0.2	0.2	0.0	13,289	
All Medical Schools	2013	99.6	0.2	0.1	0.1	13,066	
Been subjected to negative or offensive behavior(s) based on your personal beliefs or personal characteristics other than your gender, race/ethnicity, or sexual orientation?							
All Medical Schools	2017	91.6	4.3	3.5	0.6	14,372	
All Medical Schools	2016	92.4	3.7	3.3	0.6	13,874	

		All Schools				
		2013	2014	2015	2016	2017
40.	Percent of respondents who indicated they personally experienced any of the listed behaviors, excluding "publicly embarrassed." The data are derived from the responses to the survey question reported in Q39 above.					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	Yes		39.9	38.7	38.1	39.3
	No		60.1	61.3	61.9	60.7
	Number of respondents		13,366	13,886	13,910	14,405

		Percent	Percent	Percent	Percent	Percent
41.	Sources of "publicly humiliated"-only behaviors experienced personally, as percent of all who answered Q39 above, including those who indicated they "Never" experienced any of the listed behaviors. The actual question was: "Indicate below which person(s) engaged in the behavior that was directed at you. Check all that apply."					
	Pre-clerkship faculty		0.8	0.7	0.8	0.9
	Clerkship faculty (classroom)		1.5	1.0	1.3	1.2
	Clerkship faculty (clinical setting)		14.0	12.1	12.9	13.3
	Resident/Intern		10.8	8.6	9.4	9.8
	Nurse		4.7	2.9	3.7	3.8
	Administrator		0.7	0.5	0.5	0.6
	Other institution employee		1.1	0.8	1.0	1.1
	Student		1.7	1.1	1.4	1.5
	Number of respondents		13,366	13,886	13,910	14,405

		All Schools				
		2013	2014	2015	2016	2017
42.	Sources of behaviors experienced personally, excluding "publicly embarrassed" and "publicly humiliated," as percent of all who answered Q39 above, including those who indicated they "Never" experienced any of the listed behaviors. The actual question was: "Indicate below which person(s) engaged in the behavior that was directed at you. Check all that apply."					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	Pre-clerkship faculty	1.7	1.7	2.0	1.9	2.4
	Clerkship faculty (classroom)	1.9	1.9	2.3	2.2	2.2
	Clerkship faculty (clinical setting)	19.4	18.1	18.8	17.7	19.2
	Resident/Intern	18.6	17.2	17.2	14.4	15.6
	Nurse	4.4	4.4	4.2	3.5	4.0
	Administrator	1.6	1.5	1.6	1.5	1.3
	Other institution employee	3.4	3.1	4.0	3.3	4.0
	Student	4.3	4.7	5.8	4.9	5.6
	Number of respondents	13,146	13,366	13,886	13,910	14,405
43.	Did you report any of the behaviors listed above to a designated faculty member or a member of the medical school administration empowered to handle such complaints?					
	Note: The results include those who indicated they had personally experienced at least "Once" any of the behaviors, excluding "publicly embarrassed," listed in Q39 above.					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	Yes	18.7	19.4	19.3	20.2	21.0
	No	81.3	80.6	80.7	79.8	79.0
	Number of respondents	5,487	5,292	5,310	5,277	5,632
44.	To whom did you report the behavior(s)? Check all that apply.					
	Note: Only those who responded "Yes" to Q43 could respond to this item. As multiple responses were permitted, totals may exceed 100%.					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	Dean of Students	25.3	25.4	24.8	27.1	26.4
	Designated counselor/advocate/ombudsperson	17.0	17.0	19.5	18.8	21.7
	Other medical school administrator	20.5	23.7	22.1	23.1	24.2
	Faculty member	51.3	49.9	45.7	44.5	44.3
	Other	20.3	21.0	20.8	22.0	21.4
	Number of respondents	1,025	1,026	1,026	1,068	1,185

45. How satisfied are you with the outcome of having reported the behavior(s)?

Note: Only those who responded "Yes" to Q43 could respond to this item.

		Percentage of Respondents Selecting Each Rating					Count
		Very dissatisfied	Dissatisfied	Neutral	Satisfied	Very satisfied	
All Medical Schools	2017	16.3	16.7	26.5	24.8	15.6	1,177
All Medical Schools	2016	13.7	16.8	27.4	24.6	17.5	1,062
All Medical Schools	2015	18.2	16.3	26.8	24.5	14.2	1,017
All Medical Schools	2014	14.7	17.2	30.1	24.4	13.7	1,018
All Medical Schools	2013	14.6	15.2	30.4	25.6	14.2	1,014

All Schools

46. If there were any incidents of these behaviors that you did not report, why didn't you report them? Check all that apply.

Note: The results include those who indicated they had personally experienced at least "Once" any of the behaviors, excluding "publicly embarrassed," listed in Q39 above. As multiple responses were permitted, totals may exceed 100%.

	2013	2014	2015	2016	2017
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
The incident did not seem important enough to report	57.3	58.1	58.3	57.8	56.6
I resolved the issue myself	19.4	19.5	19.2	17.5	18.2
I did not think anything would be done about it	36.6	35.8	36.5	36.0	37.4
Fear of reprisal	27.9	27.6	25.9	27.1	28.3
I did not know what to do	11.8	10.3	9.1	9.0	8.7
Other	7.6	7.7	9.3	9.0	8.4
Number of respondents	5,538	5,331	5,369	5,305	5,665

47. During medical school, did you witness other students subjected to any of the behaviors listed above? Do not include experiences of embarrassment, or behaviors performed by patients.

	2013	2014	2015	2016	2017
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Yes	23.1	21.9	19.4	18.4	19.2
No	76.9	78.1	80.6	81.6	80.8
Number of respondents	13,146	13,367	13,874	13,903	14,404

48. Did you report any of the behaviors that you witnessed to a designated faculty member or a member of the medical school administration empowered to handle such complaints?

Note: Only those who responded "Yes" at Q47 could respond to this item.

	2013	2014	2015	2016	2017
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Yes	10.8	11.0	11.8	11.1	15.2
No	89.2	89.0	88.2	88.9	84.8
Number of respondents	3,015	2,910	2,678	2,547	2,764

		All Schools				
		2013	2014	2015	2016	2017
49.	Did you receive any scholarships, stipends, or grants (not loans) for medical school?					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	Yes	61.6	61.4	61.2	62.7	63.2
	No	38.4	38.6	38.8	37.3	36.8
	Number of respondents	13,218	13,429	13,921	13,913	14,398
50.	Scholarship Categories					
	Note: The upper reportable limit was \$750,000.					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	No scholarships (\$0)	39.2	39.6	39.5	38.0	37.6
	\$1 to \$24,999	31.9	30.7	29.8	32.4	31.3
	\$25,000 to \$49,999	8.4	9.0	9.4	9.9	10.3
	\$50,000 to \$74,999	5.1	5.4	5.2	5.1	5.0
	\$75,000 to \$99,999	2.9	2.7	2.9	2.5	2.9
	\$100,000 to \$149,999	4.3	4.8	4.6	4.3	4.8
	\$150,000 to \$199,999	2.8	2.4	2.3	2.2	2.1
	\$200,000 to \$299,999	3.6	3.5	3.9	3.8	4.1
	\$300,000 or more	1.9	1.9	2.3	1.9	1.9
	Number of respondents	12,945	13,102	13,685	13,665	14,110
	Median scholarship amount of those with scholarships	\$20,000	\$23,000	\$25,000	\$20,000	\$24,000
51.	Do you have any outstanding educational loans for your college/premedical education?					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	Yes	36.6	35.7	34.8	34.2	33.8
	No	63.4	64.3	65.2	65.8	66.2
	Number of respondents	13,204	13,409	13,913	13,905	14,388
52.	Premedical Debt Categories					
	Note: The upper reportable limits were \$500,000 (2015 to 2017) and \$300,000 (2013 to 2014).					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	No debt (\$0)	64.4	65.5	66.1	66.7	67.3
	\$1 to \$24,999	21.1	19.9	16.6	15.9	15.0
	\$25,000 to \$49,999	7.1	7.2	7.7	7.9	8.4
	\$50,000 to \$74,999	3.3	3.4	3.8	3.5	3.7
	\$75,000 to \$99,999	1.4	1.4	1.7	1.7	1.5
	\$100,000 to \$149,999	1.3	1.5	1.8	2.0	1.9
	\$150,000 to \$199,999	0.6	0.5	1.0	0.7	0.9
	\$200,000 or more	0.6	0.7	1.3	1.5	1.3
	Number of respondents	12,995	13,166	13,724	13,716	14,149
	Median premedical debt of those reporting premedical debt	\$20,000	\$20,000	\$25,000	\$25,000	\$25,000

		All Schools				
		2013	2014	2015	2016	2017
53.	Do you have any outstanding educational loans (including loan service commitments) for your medical school education?					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	Yes	84.4	82.6	78.5	73.6	73.1
	No	15.6	17.4	21.5	26.4	26.9
	Number of respondents	13,165	13,354	13,902	13,884	14,370
54.	Medical School Debt Categories					
	Note: The upper reportable limits were \$600,000 (2015 to 2017) and \$500,000 (2013 to 2014).					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	No debt (\$0)	15.9	17.9	22.0	26.9	27.6
	\$1 to \$49,999	9.5	8.8	8.4	5.7	5.2
	\$50,000 to \$99,999	8.7	8.2	7.5	6.6	6.6
	\$100,000 to \$149,999	14.1	13.1	11.7	11.5	11.0
	\$150,000 to \$199,999	21.9	19.5	17.7	16.9	16.6
	\$200,000 to \$299,999	25.9	27.1	26.5	25.5	26.0
	\$300,000 to \$399,999	3.8	4.8	5.7	6.2	6.1
	\$400,000 or more	0.3	0.6	0.5	0.8	0.9
	Number of respondents	12,866	12,979	13,616	13,610	14,030
	Median medical school debt of those reporting medical school debt	\$165,000	\$173,000	\$180,000	\$180,000	\$180,000
55.	Total Education Debt Categories					
	Note: Total education debt is the sum of premedical debt and medical school debt. The displayed categories and averages are calculated using only records with complete responses to both questions. The upper reportable limits were \$1,100,000 (2015 to 2017) and \$800,000 (2013 to 2014).					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	No debt (\$0)	14.5	16.3	19.2	24.0	24.6
	\$1 to \$49,999	9.8	9.4	9.6	6.8	6.3
	\$50,000 to \$99,999	8.3	8.0	7.2	6.6	6.6
	\$100,000 to \$149,999	13.1	11.9	10.6	10.6	10.4
	\$150,000 to \$199,999	20.0	18.3	16.4	15.8	15.2
	\$200,000 to \$299,999	27.4	27.4	26.6	25.5	25.8
	\$300,000 to \$399,999	5.8	7.1	8.0	8.2	8.7
	\$400,000 to \$499,999	0.8	1.2	1.6	1.9	1.7
	\$500,000 or more	0.3	0.4	0.7	0.7	0.7
	Number of respondents	12,783	12,889	13,520	13,523	13,945
	Median education debt of those reporting education debt	\$175,000	\$180,000	\$185,000	\$190,000	\$195,000
56.	Do you have any non-educational, consumer debt that you are legally required to repay? (This includes credit card debt, car loans, home mortgages, or other consumer debt.)					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	Yes			23.9	23.5	22.1
	No			76.1	76.5	77.9
	Number of respondents			13,886	13,879	14,348

		All Schools				
		2013	2014	2015	2016	2017
57.	Please list the amount of your non-educational, consumer debt. Note: Amounts totaling > \$10,000,000 for mortgage and total debt were treated as invalid.					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	No debt (\$0)			76.7	77.2	78.6
	\$1 to \$24,999			15.5	15.9	15.2
	\$25,000 to \$49,999			2.2	2.0	1.9
	\$50,000 to \$74,999			0.6	0.5	0.5
	\$75,000 to \$99,999			0.6	0.6	0.3
	\$100,000 to \$149,999			1.7	1.3	1.1
	\$150,000 or more			2.9	2.6	2.4
	Number of respondents			13,789	13,760	14,207
	Median non-educational debt of those reporting non-educational debt			\$15,000	\$12,000	\$12,000
58.	Please list the amount of your non-educational, consumer debt for each category listed below. Note: The number shown in each category is the median of those providing valid figures. Amounts totaling > \$500,000 for credit cards, car loans, residency, and other loans were treated as invalid, and amounts totaling > \$10,000,000 for mortgage and total debt were treated as invalid.					
	Credit cards			\$4,000	\$4,000	\$4,000
	Number of respondents			2,083	2,069	2,019
	Car loans			\$10,000	\$10,000	\$10,000
	Number of respondents			1,177	1,144	1,139
	Mortgage			\$140,000	\$145,500	\$150,000
	Number of respondents			768	674	586
	Residency and relocation loans			\$12,000	\$12,000	\$13,000
	Number of respondents			675	571	448
	Other consumer loans			\$7,000	\$10,000	\$10,000
	Number of respondents			195	171	161
	Total amount			\$15,000	\$12,000	\$12,000
	Number of respondents			3,217	3,140	3,036
59.	Do you plan to enter into a loan-forgiveness program?					
	Yes	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	No	38.1	39.7	39.9	44.3	45.9
		61.9	60.3	60.1	55.7	54.1
	Number of respondents	11,096	11,246	11,281	10,639	10,929

		All Schools				
		2013	2014	2015	2016	2017
60.	Select the type of loan forgiveness program in which you plan to participate.					
	Note: Only those who selected "Yes" at Q59 could respond to this item.					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	Department of Education's Public Service Loan Forgiveness (PSLF)	56.1	62.6	66.1	71.4	73.2
	National Health Service Corps	9.4	7.6	6.8	5.3	5.4
	Indian Health Service Corps	0.6	0.7	0.5	0.6	0.8
	Armed Services (Navy, Army, Air Force)	1.4	1.3	1.5	0.9	0.9
	Uniformed Service (CDC, HHS)	0.2	0.1	0.2	0.2	0.1
	State loan forgiveness program	11.3	10.1	8.8	8.8	7.6
	Hospital program (e.g., sign-on bonus)	13.6	11.8	10.7	8.5	8.0
	Private loan forgiveness program	1.1	0.9	0.7	0.7	0.8
	Other	6.3	4.9	4.7	3.6	3.3
	Number of respondents	4,167	4,415	4,403	4,638	4,938
61.	Gender Identity:					
	Note: The results are derived from two questions: "What sex were you assigned at birth?" (response options "Male" or "Female") and "What is your current gender identity?" (response options "Male," "Female," "Trans male/trans man," "Trans female/trans woman," "Genderqueer/gender non-conforming," or "Different identity").					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	Same gender identity as the sex assigned at birth				99.7	99.8
	Different gender identity from the sex assigned at birth				0.3	0.3
	Number of respondents				13,862	14,325
62.	How do you self-identify?					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	Bisexual				2.1	2.3
	Gay or lesbian				3.1	3.4
	Heterosexual or straight				94.8	94.3
	Number of respondents				13,806	14,260
63.	Region of medical school:					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	Northeast	30.1	29.7	29.5	28.8	29.0
	South	32.2	31.2	32.2	33.3	33.2
	Midwest	26.6	27.9	27.0	26.5	26.1
	West	11.0	11.2	11.3	11.5	11.6
	Number of respondents	14,836	14,877	14,939	15,232	15,609
64.	Control of medical school:					
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	Private	40.0	39.6	39.6	39.0	39.4
	Public	60.0	60.4	60.4	61.0	60.6
	Number of respondents	14,836	14,877	14,939	15,232	15,609

2017 GQ References

Each item number below refers to the question number in the 2017 GQ *All Schools Summary Report*.

Q17. Medical School Learning Environment Survey (MSLES)

Marshall RE. Measuring the medical school learning environment. *Journal of medical education*. 1978;53(2):98-104.

Q21. Tolerance for Ambiguity (TFA)

Geller G, Tambor ES, Chase GA, Holtzman NA. Measuring physicians' tolerance for ambiguity and its relationship to their reported practices regarding genetic testing. *Medical care*. 1993;31(11):989-1001.

Caulfield M, Andolsek K, Grbic D, Roskovensky L. Ambiguity tolerance of students matriculating to U.S. medical schools. *Acad Med*. 2014;89(11):1526-1532.

Q22. Interpersonal Reactivity Index (IRI)

Hojat M, Spandorfer J, Louis DZ, Gonnella JS. Empathic and sympathetic orientations toward patient care: conceptualization, measurement, and psychometrics. *Acad Med*. 2011;86(8):989-995.

Davis MH. Measuring individual differences in empathy: evidence for a multidimensional approach. *Journal of personality and social psychology*. 1983;44:113-126.

Q23. Oldenburg Burnout Inventory for Medical Students Scale

Halbesleben JRB, Demerouti E. The construct validity of an alternative measure of burnout: Investigating the English translation of the Oldenburg Burnout Inventory. *Work and Stress*. 2005;19(3):208-220.