

Medical School Graduation Questionnaire

2011 All Schools Summary Report

October 2011

2011 Graduation Questionnaire All Schools Summary Report Association of American Medical Colleges

The 2011 Medical School Graduation Questionnaire All Schools Summary Report provides aggregate data from graduating students at U.S. medical schools accredited by the Liaison Committee on Medical Education (LCME).

Background

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. Since its inception, the GQ has been a useful tool for medical schools, faculty, students, researchers, and the LCME. As medical education has evolved, the GQ has changed. Survey questions undergo regular review and revision by the GQ Advisory Group, whose members represent medical education and curriculum development staff, deans and faculty, student affairs and financial aid personnel, and medical students.

This report displays five years of data (2007 through 2011) where comparable data are available. Since 2010, the GQ has been administered as a single survey, as the GQ was administered prior to 2005. From 2005 to 2009, the GQ consisted of two surveys: a program evaluation survey and a student survey on priorities in medical education. The program evaluation survey provided students an anonymous method to inform their medical schools about the preclinical and clinical educational experiences of the students. The student survey on priorities in medical education addressed issues of student debt, career choice, and diversity. Although the two surveys were distinct from 2005 to 2009, the combined information that they collected was-and still is-reported in the annual GQ report.

New Questions in 2011

Most new content is highlighted at the very end of the report (pages 45 through 46). The new content includes a question about the usefulness of the resources students used to learn about career specialty options, and several questions about students' interprofessional learning experiences.

In the section of the report dealing with the mistreatment of students, the definition of 'mistreatment' that was added to the survey in 2011 has been reproduced verbatim (page 38). Also, three items addressing mistreatment due to race or ethnicity were restored to the survey in 2011 after a one-year absence (page 40).

Methodology

The 2011 GQ report data reflect the responses of 13,461 individuals. According to the AAMC Student Records System (SRS) as of July 7, 2011, these individuals include: 13,366 people who graduated from January 1 through June 30, 2011; 21 people who graduated from July 1 through December 31, 2010; and 74 people whom medical schools expected to graduate before the end of the 2011 calendar year. The 13,387 graduated respondents represent 77 percent of the 17,355 people reported by SRS as having graduated in academic year 2010-11 (July 1, 2010 to June 30, 2011). The 13,366 respondents who graduated from January 1 through June 30, 2011 represent 78 percent of the 17,134 people who graduated in that time frame.

The 2011 GQ was open from February 14 to June 10, 2011. Creating the population of respondents was an iterative process. The initial participants were individuals with expected graduation dates from January 1 through December 31, 2011, as identified from SRS data and confirmed by medical school personnel in January 2011. Additional participants, such as students who graduated in late 2010, could be added upon request. While the survey was open, medical schools could request changes to the list of participants to reflect changes in expected graduation status. Through a variety of recruitment measures, medical schools independently invited graduating students to participate. In addition, the AAMC sent e-mail invitations to individuals.

Copies of the GQ surveys are available at www.aamc.org/gq. Questions in the 2011 survey were not numbered. However, the order of items in the report largely follows the order of items in the survey. In addition, percents displayed in the report may not sum to 100 due to rounding.

Acknowledgments

We thank the many medical school administrators, deans, registrars, and student organizations for informing their graduates of the importance of the GQ for improving the experience of future medical students.

Additionally, we extend our appreciation to members of the GQ Advisory Group for their commitment and contributions to the survey. Lastly, we are indebted to the many AAMC staff involved in the GQ, including, but not limited to: academic affairs and student programs staff, research and data programs staff, and IT staff.

For inquiries regarding the GQ surveys or reports, please e-mail gq@aamc.org

Table of Contents

Demographic Data	1
Pre-Medical and Pre-Clinical Experiences.....	2
Clinical Experiences	
Quality of clerkships.....	4
Clerkship experiences	6
Assessment methods	12
Veterans Affairs.....	12
Elective Participation	12
Instruction Time for Various Topics	13
Overall Satisfaction with Medical Education	20
Knowledge and Skills/General Preparedness	21
Satisfaction	
Office of the Dean of Students/Associate Dean for Students	24
Office of the Dean for Educational Programs/Curricular Affairs	24
Student support	25
Career planning services	26
Student health/wellness	26
Other student services	27
Professional Relationships with Industry	28
Diversity	28
Specialty and Career Plans	
Specialty choice	29
Career intentions	30
Research involvement.....	33
Underserved practice.....	34
Practice location.....	34
Finances	36
Mistreatment	38
New questions: 2011 Survey	
Usefulness of career planning and specialty choice resources	45
Inter-professional medical education	45
Institutional Information.....	46

	All Schools				
	2007	2008	2009	2010	2011
Total number of survey responses:	12,574	13,382	13,178	13,921	13,461
Note: The 2007-2009 information in this report was collected by two GQ administrations: a program evaluation survey and a supplemental survey. Totals reported above for 2007-2009 reflect responses to the program evaluation survey.					
1. Age at graduation:					
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Under 24	0.3	0.4	0.5	0.4	0.4
24 through 26	46.8	47.0	45.8	45.2	46.3
27 through 29	36.1	36.0	36.7	37.0	37.0
30 through 32	10.6	10.2	11.0	11.4	10.7
33 or older	6.2	6.4	6.0	6.0	5.6
	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>
Number of responses	8,472	11,484	10,461	13,921	13,461
2. Gender:					
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Male	49.6	49.6	50.4	50.6	49.8
Female	50.4	50.4	49.6	49.4	50.2
	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>
Number of responses	8,472	11,525	10,459	13,920	13,461
3. How do you identify yourself?					
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
White	73.5	70.3	73.8	72.3	72.1
Black or African American	6.4	7.5	7.0	7.1	7.1
American Indian or Alaska Native	0.7	0.9	0.9	0.9	1.0
Asian Indian	6.3	6.5	6.8	7.3	7.7
Pakistani	0.6	0.5	0.7	0.7	0.9
Chinese	5.1	4.9	5.7	6.4	6.3
Filipino	1.3	0.8	1.2	1.1	0.9
Japanese	1.0	0.7	0.8	1.1	0.9
Korean	2.1	2.2	2.2	2.2	2.5
Vietnamese	1.3	1.2	1.5	1.5	1.3
Other Asian	2.3	2.9	3.4	2.7	2.7
Native Hawaiian or other Pacific Islander	0.3	0.1	0.3	0.4	0.3
Other race	4.5	1.5	0.7	0.5	0.3
	<u>105.4</u>	<u>100.0</u>	<u>105.0</u>	<u>104.0</u>	<u>104.0</u>
Number of responses	8,472	11,373	10,459	13,921	13,461
Spanish/Hispanic/Latino/Latina?					
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Not Hispanic or Latino	93.8	93.2	92.8	93.2	92.9
Mexican, Mexican American, Chicano/Chicana	2.2	2.1	2.0	2.4	2.5
Puerto Rican	1.5	2.1	2.5	1.8	1.9
Cuban	0.4	0.6	0.6	0.6	0.6
Other Hispanic	2.3	2.3	2.4	2.4	2.4
	<u>100.2</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>
Number of responses	8,472	11,525	10,459	13,920	13,458

	All Schools				
	2007	2008	2009	2010	2011
4. Type of degree program from which you are graduating:					
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
M.D.	92.8	92.5	92.1	92.0	92.2
Joint Bachelor's/M.D.	2.0	2.0	2.4	2.0	2.2
Joint M.D./Master's	0.3	0.1	0.2	0.3	0.2
Joint M.D./J.D.	0.0	0.0	0.0	0.0	0.0
Joint M.D./Ph.D.	3.2	3.1	3.3	3.2	3.2
Other	1.6	2.3	1.9	2.5	2.1
	<u>99.9</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>
Number of responses	8,472	11,447	10,459	13,920	13,461

**5. Based on your experiences, indicate whether you agree or disagree with the following statements about medical school:
(Scale: 1=Strongly Disagree to 5=Strongly Agree)**

	Ratings						Mean	Count
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree			
Basic science content objectives were made clear to students								
All Schools	2007	1.3 %	6.2 %	11.0 %	60.5 %	21.0 %	3.9	12,563
All Schools	2008	1.3	5.2	10.0	59.8	23.6	4.0	13,362
All Schools	2009	1.2	3.7	10.2	56.6	28.4	4.1	13,119
All Schools	2010	1.2	3.2	9.5	56.3	29.9	4.1	13,794
All Schools	2011	1.0	3.3	8.2	55.3	32.3	4.1	13,336
Basic science content was sufficiently integrated across basic science courses								
All Schools	2007	2.7	12.2	12.3	56.5	16.2	3.7	12,557
All Schools	2008	2.5	12.2	11.4	55.8	18.1	3.7	13,344
All Schools	2009	2.0	8.7	15.3	51.0	23.1	3.8	13,092
All Schools	2010	1.7	6.3	12.3	52.9	26.8	4.0	13,774
All Schools	2011	1.4	6.4	11.9	51.5	28.8	4.0	13,309
Basic science content objectives and examination content matched closely								
All Schools	2007	2.6	10.1	13.2	57.5	16.6	3.8	12,561
All Schools	2008	2.4	9.8	13.2	56.5	18.1	3.8	13,321
All Schools	2009	2.1	7.4	15.6	52.1	22.7	3.9	13,065
All Schools	2010	1.8	6.9	15.2	52.1	23.9	3.9	13,764
All Schools	2011	1.7	6.5	13.1	53.1	25.6	3.9	13,300
Basic science content had sufficient illustrations of clinical relevance								
All Schools	2007	3.9	18.2	14.9	49.1	13.8	3.5	12,560
All Schools	2008	3.7	17.5	14.4	49.1	15.4	3.5	13,331
All Schools	2009	2.7	11.5	19.1	46.2	20.4	3.7	13,094
All Schools	2010	2.9	10.9	18.2	46.9	21.1	3.7	13,770
All Schools	2011	2.5	10.4	17.5	47.3	22.4	3.8	13,310
Basic science content provided relevant preparation for clerkships								
All Schools	2007	4.6	16.0	17.6	49.5	12.4	3.5	12,561
All Schools	2008	4.7	15.7	17.2	49.0	13.4	3.5	13,333
All Schools	2009	3.4	10.4	21.1	46.3	18.8	3.7	13,077
All Schools	2010	3.3	10.5	20.2	47.2	18.7	3.7	13,777
All Schools	2011	3.0	10.2	19.7	46.6	20.5	3.7	13,311
Basic science was integrated in required clinical experience (Note: Question new in 2010.)								
All Schools	2010	1.9	10.7	23.9	49.2	14.3	3.6	11,987
All Schools	2011	1.6	9.4	22.7	50.5	15.7	3.7	11,804

6. How well did your study of the following sciences basic to medicine prepare you for clinical clerkships and electives: (Scale: 1=Poor to 4=Excellent)

		Ratings*				Mean	Count
		Poor	Fair	Good	Excellent		
Biochemistry							
All Schools	2007	17.1%	33.8%	37.4%	11.7%	2.4	12,285
All Schools	2008	14.7	32.4	39.9	13.0	2.5	13,082
All Schools	2009	11.8	29.8	39.5	18.9	2.7	12,883
All Schools	2010	11.8	29.1	39.1	20.0	2.7	13,514
All Schools	2011	11.4	29.7	38.0	20.8	2.7	13,018
Biostatistics and epidemiology							
All Schools	2007	15.2	35.1	38.2	11.5	2.5	12,295
All Schools	2008	14.3	34.4	39.1	12.1	2.5	13,081
All Schools	2009	8.5	28.5	42.2	20.8	2.8	12,892
All Schools	2010	8.5	27.0	43.1	21.4	2.8	13,515
All Schools	2011	7.4	26.3	43.0	23.2	2.8	13,051
Genetics							
All Schools	2007	8.3	32.5	46.5	12.7	2.6	12,413
All Schools	2008	7.4	32.8	47.1	12.7	2.7	13,174
All Schools	2009	6.2	26.1	47.7	20.0	2.8	12,925
All Schools	2010	6.4	26.2	47.7	19.7	2.8	13,592
All Schools	2011	6.1	26.3	46.2	21.3	2.8	13,108
Gross anatomy							
All Schools	2007	4.0	13.4	41.1	41.4	3.2	12,497
All Schools	2008	3.5	11.8	40.0	44.7	3.3	13,279
All Schools	2009	2.7	9.6	34.8	52.9	3.4	12,942
All Schools	2010	2.3	8.8	32.9	56.0	3.4	13,629
All Schools	2011	2.5	9.6	33.3	54.6	3.4	13,152
Immunology							
All Schools	2007	6.6	24.5	47.4	21.6	2.8	12,479
All Schools	2008	6.3	23.1	47.8	22.9	2.9	13,229
All Schools	2009	4.1	17.1	48.0	30.9	3.1	12,934
All Schools	2010	3.3	16.3	46.8	33.5	3.1	13,600
All Schools	2011	3.8	15.9	46.1	34.2	3.1	13,133
Introduction to Clinical Medicine/Introduction to the Patient							
All Schools	2007	4.8	14.2	37.6	43.4	3.2	12,429
All Schools	2008	3.8	13.5	37.4	45.3	3.2	13,191
All Schools	2009	2.7	9.0	33.1	55.1	3.4	12,805
All Schools	2010	2.2	8.6	31.8	57.4	3.4	13,448
All Schools	2011	2.1	8.2	30.6	59.0	3.5	12,986
Microanatomy/Histology							
All Schools	2007	10.4	31.9	42.6	15.1	2.6	12,400
All Schools	2008	8.8	30.1	43.9	17.2	2.7	13,173
All Schools	2009	5.3	22.7	45.7	26.3	2.9	12,919
All Schools	2010	5.6	23.6	45.0	25.9	2.9	13,555
All Schools	2011	5.1	22.8	44.1	28.0	3.0	13,098
Microbiology							
All Schools	2007	6.4	18.9	47.0	27.7	3.0	12,472
All Schools	2008	6.0	19.4	46.1	28.5	3.0	13,233
All Schools	2009	4.8	15.0	43.9	36.3	3.1	12,937
All Schools	2010	4.2	14.6	42.6	38.6	3.2	13,578
All Schools	2011	4.2	14.9	41.7	39.2	3.2	13,120

* Note: Respondents had the option to select "Not applicable" but these responses were excluded from report calculations and counts.

6. How well did your study of the following sciences basic to medicine prepare you for clinical clerkships and electives:(Scale: 1=Poor to 4=Excellent) (Continued)

		Ratings*				Mean	Count
		Poor	Fair	Good	Excellent		
Neuroscience							
All Schools	2007	6.8	18.8	43.3	31.1	3.0	12,482
All Schools	2008	7.3	18.0	42.9	31.8	3.0	13,259
All Schools	2009	5.1	14.2	39.0	41.7	3.2	12,937
All Schools	2010	4.1	13.8	40.0	42.2	3.2	13,568
All Schools	2011	3.6	12.8	38.8	44.7	3.2	13,096
Pathology							
All Schools	2007	3.0	14.5	39.4	43.1	3.2	12,475
All Schools	2008	3.4	14.0	39.9	42.7	3.2	13,249
All Schools	2009	2.3	10.0	37.8	49.9	3.4	12,869
All Schools	2010	2.1	10.4	36.6	50.9	3.4	13,544
All Schools	2011	2.3	10.8	36.7	50.2	3.3	13,066
Pharmacology							
All Schools	2007	12.2	19.7	36.8	31.3	2.9	12,469
All Schools	2008	13.2	21.0	36.2	29.6	2.8	13,254
All Schools	2009	9.3	18.3	36.5	35.9	3.0	12,898
All Schools	2010	8.3	17.8	36.9	37.1	3.0	13,583
All Schools	2011	8.3	18.8	36.3	36.6	3.0	13,116
Physiology							
All Schools	2007	3.7	13.8	44.4	38.2	3.2	12,469
All Schools	2008	3.4	13.3	43.6	39.7	3.2	13,242
All Schools	2009	2.5	9.8	39.3	48.4	3.3	12,872
All Schools	2010	2.4	9.2	37.4	51.1	3.4	13,507
All Schools	2011	2.0	8.9	37.9	51.2	3.4	13,030
Behavioral science							
All Schools	2007	6.4	24.4	46.6	22.6	2.9	12,350
All Schools	2008	6.1	23.6	47.5	22.8	2.9	13,030
All Schools	2009	3.5	16.0	46.1	34.4	3.1	12,817
All Schools	2010	3.1	15.3	45.9	35.7	3.1	13,442
All Schools	2011	3.1	14.5	46.1	36.3	3.2	12,948
Pathophysiology of disease							
All Schools	2007	2.1	9.9	41.8	46.2	3.3	12,208
All Schools	2008	2.1	9.7	40.8	47.5	3.3	12,948
All Schools	2009	1.6	6.5	36.8	55.1	3.5	12,596
All Schools	2010	1.3	5.9	34.9	57.8	3.5	13,252
All Schools	2011	1.4	6.1	35.3	57.2	3.5	12,739

7. Rate the quality of your educational experiences in the following clinical clerkships: (Scale: 1=Poor to 4=Excellent)

		Ratings*				Mean	Count
		Poor	Fair	Good	Excellent		
Emergency Medicine							
All Schools	2007	6.0%	13.9%	36.7%	43.4%	3.2	8,092
All Schools	2008	6.1	13.7	35.0	45.2	3.2	8,498
All Schools	2009	4.5	11.5	33.1	51.0	3.3	8,910
All Schools	2010	4.3	11.3	32.4	51.9	3.3	9,306
All Schools	2011	4.3	11.1	32.1	52.6	3.3	9,024

* Note: Respondents had the option to select "Not applicable" but these responses were excluded from report calculations and counts.

**7. Rate the quality of your educational experiences in the following clinical clerkships:
(Scale: 1=Poor to 4=Excellent) (Continued)**

		Ratings*				Mean	Count
		Poor	Fair	Good	Excellent		
Family medicine							
All Schools	2007	6.3	17.3	38.7	37.7	3.1	12,072
All Schools	2008	6.0	16.8	37.7	39.5	3.1	12,869
All Schools	2009	5.3	13.4	34.8	46.6	3.2	12,633
All Schools	2010	4.3	12.4	35.2	48.1	3.3	13,197
All Schools	2011	3.9	11.7	35.2	49.3	3.3	12,659
Internal medicine							
All Schools	2007	2.8	10.2	36.1	50.9	3.4	12,546
All Schools	2008	2.8	10.3	36.2	50.7	3.3	13,323
All Schools	2009	2.3	7.9	30.5	59.3	3.5	13,086
All Schools	2010	2.0	7.4	30.1	60.5	3.5	13,732
All Schools	2011	2.0	7.1	28.6	62.3	3.5	13,150
Obstetrics and Gynecology							
All Schools	2007	12.1	19.6	35.7	32.7	2.9	12,537
All Schools	2008	11.7	19.8	35.7	32.8	2.9	13,307
All Schools	2009	9.0	16.9	35.6	38.4	3.0	13,088
All Schools	2010	8.0	16.5	34.9	40.6	3.1	13,735
All Schools	2011	7.1	15.2	35.5	42.2	3.1	13,146
Neurology							
All Schools	2007	13.1	25.6	36.7	24.5	2.7	11,052
All Schools	2008	12.5	26.2	37.0	24.3	2.7	11,617
All Schools	2009	7.8	20.7	38.7	32.8	3.0	11,612
All Schools	2010	7.0	20.0	40.0	33.1	3.0	12,145
All Schools	2011	6.9	19.7	39.3	34.1	3.0	11,529
Pediatrics							
All Schools	2007	5.7	15.8	40.1	38.4	3.1	12,529
All Schools	2008	5.6	14.8	40.3	39.3	3.1	13,312
All Schools	2009	3.8	11.9	36.1	48.1	3.3	13,084
All Schools	2010	3.1	10.9	35.5	50.5	3.3	13,736
All Schools	2011	3.2	9.9	34.1	52.8	3.4	13,144
Psychiatry							
All Schools	2007	6.7	18.3	42.4	32.6	3.0	12,492
All Schools	2008	5.8	18.3	41.4	34.4	3.0	13,277
All Schools	2009	3.9	13.5	39.1	43.4	3.2	13,068
All Schools	2010	3.4	12.1	38.9	45.6	3.3	13,718
All Schools	2011	2.9	11.9	37.8	47.4	3.3	13,127
Radiology							
All Schools	2007	13.0	26.0	36.2	24.9	2.7	8,069
All Schools	2008	12.4	24.9	36.6	26.1	2.8	8,239
All Schools	2009	9.0	20.4	37.7	32.9	2.9	8,370
All Schools	2010	8.8	21.9	37.0	32.3	2.9	8,506
All Schools	2011	8.8	21.3	37.2	32.7	2.9	8,058
Surgery							
All Schools	2007	6.7	16.4	39.3	37.6	3.1	12,537
All Schools	2008	6.6	15.0	39.2	39.1	3.1	13,311
All Schools	2009	4.6	11.9	37.8	45.7	3.2	13,081
All Schools	2010	4.1	12.0	36.7	47.2	3.3	13,724
All Schools	2011	4.3	11.6	36.7	47.5	3.3	13,134

* Note: Respondents had the option to select "Not applicable" but these responses were excluded from report calculations and counts.

8. Indicate whether you agree or disagree with the statements about the following clerkships at your medical school:
(Scale: 1=Strongly Disagree to 5=Strongly Agree)

		Ratings*					Mean	Count
		Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree		
Family Medicine								
Family medicine: I received clear learning objectives for the clerkship								
All Schools	2007	1.0 %	5.2 %	10.6 %	47.3 %	35.8 %	4.1	12,515
All Schools	2008	1.0	4.6	8.6	49.8	36.0	4.2	13,255
All Schools	2009	1.4	4.4	12.8	53.0	28.3	4.0	12,977
All Schools	2010	1.0	2.7	7.9	47.7	40.7	4.2	13,066
All Schools	2011	0.8	3.1	7.6	46.2	42.3	4.3	12,529
Family medicine: My performance was assessed against the learning objectives								
All Schools	2007	2.3	10.2	15.1	42.8	29.5	3.9	12,511
All Schools	2008	2.4	10.6	14.0	44.7	28.4	3.9	13,216
All Schools	2009	3.0	8.7	18.5	46.6	23.1	3.8	12,960
All Schools	2010	2.4	7.0	14.2	42.7	33.8	4.0	13,007
All Schools	2011	2.2	7.5	13.3	42.0	35.0	4.0	12,473
Family medicine: I had an opportunity to follow a variety of different patients (with different medical conditions) on the clerkship								
All Schools	2007	1.0	4.8	9.0	43.1	42.1	4.2	12,512
All Schools	2008	0.9	4.3	7.1	43.4	44.4	4.3	13,211
All Schools	2009	1.3	4.0	10.3	47.1	37.3	4.2	12,949
All Schools	2010	1.0	3.1	7.0	40.1	48.8	4.3	13,023
All Schools	2011	0.8	3.1	6.7	38.7	50.7	4.4	12,487
Family medicine: A faculty member personally observed me taking a patient history during the clerkship								
All Schools	2007	3.5	16.1	10.9	35.5	34.0	3.8	12,512
All Schools	2008	3.4	16.0	9.7	36.8	34.0	3.8	13,230
All Schools	2009	4.4	13.7	12.2	40.9	28.8	3.8	12,966
All Schools	2010	3.6	13.1	8.4	36.3	38.6	3.9	12,988
All Schools	2011	3.5	12.6	7.5	35.4	41.0	4.0	12,450
Family medicine: A faculty member personally observed me performing physical examinations during the clerkship								
All Schools	2007	3.3	13.7	10.4	38.4	34.3	3.9	12,510
All Schools	2008	3.2	13.5	9.2	39.4	34.6	3.9	13,209
All Schools	2009	3.9	11.5	12.2	43.4	29.0	3.8	12,958
All Schools	2010	3.1	10.7	8.1	39.0	39.0	4.0	12,987
All Schools	2011	2.9	10.2	7.4	38.1	41.4	4.0	12,455
Family medicine: Faculty members provided me with sufficient feedback on my performance								
All Schools	2007	2.6	8.9	12.0	40.9	35.6	4.0	12,510
All Schools	2008	2.6	9.2	11.2	41.8	35.2	4.0	13,215
All Schools	2009	3.3	7.4	15.1	44.5	29.8	3.9	12,933
All Schools	2010	2.5	6.5	11.5	39.2	40.4	4.1	13,006
All Schools	2011	2.1	6.2	10.6	38.8	42.3	4.1	12,455
Family medicine: Residents and fellows provided effective teaching during the clerkship								
All Schools	2007	7.4	8.4	30.1	30.3	23.9	3.5	12,498
All Schools	2008	5.9	8.2	28.0	32.2	25.7	3.6	13,158
All Schools	2009	5.7	8.1	27.2	36.1	22.9	3.6	12,790
All Schools	2010	3.9	7.0	13.1	38.9	37.1	4.0	8,890
All Schools	2011	3.6	6.6	11.7	38.3	39.7	4.0	8,378

* Note: Respondents had the option to select "Not applicable" but these responses were excluded from report calculations and counts.

**8. Indicate whether you agree or disagree with the statements about the following clerkships at your medical school:
(Scale: 1=Strongly Disagree to 5=Strongly Agree) (Continued)**

		Ratings*					Mean	Count
		Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree		
Internal Medicine								
Internal medicine: I received clear learning objectives for the clerkship								
All Schools	2007	0.7	3.5	4.8	45.7	45.4	4.3	12,552
All Schools	2008	0.6	3.1	4.2	45.6	46.5	4.3	13,293
All Schools	2009	1.0	2.4	7.7	50.6	38.3	4.2	13,078
All Schools	2010	0.7	1.9	5.6	42.0	49.9	4.4	13,618
All Schools	2011	0.6	2.0	5.3	40.6	51.5	4.4	12,967
Internal medicine: My performance was assessed against the learning objectives								
All Schools	2007	1.9	7.7	7.9	43.8	38.7	4.1	12,551
All Schools	2008	1.8	7.6	7.7	43.6	39.2	4.1	13,268
All Schools	2009	2.4	5.9	11.6	46.9	33.2	4.0	13,055
All Schools	2010	1.8	5.3	9.4	40.3	43.2	4.2	13,597
All Schools	2011	1.9	4.9	9.4	39.2	44.5	4.2	12,950
Internal medicine: I had an opportunity to follow a variety of different patients (with different medical conditions) on the clerkship								
All Schools	2007	0.5	2.0	3.0	37.0	57.6	4.5	12,549
All Schools	2008	0.4	1.8	2.7	37.0	58.1	4.5	13,271
All Schools	2009	0.7	1.6	5.2	41.0	51.5	4.4	13,048
All Schools	2010	0.5	1.3	3.3	32.9	62.0	4.5	13,593
All Schools	2011	0.3	1.1	3.2	31.5	63.8	4.6	12,949
Internal medicine: A faculty member personally observed me taking a patient history during the clerkship								
All Schools	2007	3.7	17.0	8.3	34.3	36.7	3.8	12,550
All Schools	2008	3.4	17.0	7.0	35.1	37.4	3.9	13,277
All Schools	2009	3.9	13.2	10.0	38.6	34.3	3.9	13,066
All Schools	2010	3.3	13.2	8.3	34.0	41.2	4.0	13,567
All Schools	2011	3.3	12.9	7.9	32.4	43.4	4.0	12,912
Internal medicine: A faculty member personally observed me performing physical examinations during the clerkship								
All Schools	2007	3.3	14.4	7.5	37.3	37.5	3.9	12,549
All Schools	2008	3.1	14.4	6.4	37.7	38.4	3.9	13,264
All Schools	2009	3.6	11.4	9.5	40.6	34.9	3.9	13,068
All Schools	2010	3.0	10.5	7.7	36.3	42.5	4.0	13,567
All Schools	2011	2.9	10.6	7.3	34.6	44.7	4.1	12,920
Internal medicine: Faculty members provided me with sufficient feedback on my performance								
All Schools	2007	2.1	7.6	7.4	42.1	40.7	4.1	12,549
All Schools	2008	2.0	7.2	7.2	41.4	42.2	4.1	13,265
All Schools	2009	2.3	5.7	10.7	43.4	37.9	4.1	13,056
All Schools	2010	1.9	4.8	9.0	38.2	46.1	4.2	13,587
All Schools	2011	1.8	5.1	8.1	36.7	48.3	4.2	12,935
Internal medicine: Residents and fellows provided effective teaching during the clerkship								
All Schools	2007	1.7	4.1	5.5	37.6	51.0	4.3	12,545
All Schools	2008	1.5	4.0	5.6	37.2	51.7	4.3	13,264
All Schools	2009	1.9	3.4	8.6	40.0	46.0	4.2	13,047
All Schools	2010	1.5	2.7	6.3	33.6	55.8	4.4	13,451
All Schools	2011	1.5	2.9	6.1	32.7	56.8	4.4	12,800

* Note: Respondents had the option to select "Not applicable" but these responses were excluded from report calculations and counts.

**8. Indicate whether you agree or disagree with the statements about the following clerkships at your medical school:
(Scale: 1=Strongly Disagree to 5=Strongly Agree) (Continued)**

		Ratings*					Mean	Count
		Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree		
OBGYN								
OBGYN: I received clear learning objectives for the clerkship								
All Schools	2007	2.1	7.7	7.9	48.8	33.6	4.0	12,551
All Schools	2008	2.0	7.1	7.2	48.7	35.0	4.1	13,287
All Schools	2009	2.2	5.1	11.5	51.3	29.9	4.0	13,072
All Schools	2010	1.6	3.9	8.9	47.0	38.7	4.2	13,559
All Schools	2011	1.5	3.8	8.8	45.6	40.3	4.2	12,897
OBGYN: My performance was assessed against the learning objectives								
All Schools	2007	4.1	12.5	12.0	44.2	27.1	3.8	12,552
All Schools	2008	4.3	13.1	11.9	42.4	28.2	3.8	13,267
All Schools	2009	4.7	10.2	16.4	44.6	24.0	3.7	13,058
All Schools	2010	3.6	8.5	14.3	42.1	31.5	3.9	13,525
All Schools	2011	3.4	8.5	13.7	41.1	33.2	3.9	12,863
OBGYN: I had an opportunity to follow a variety of different patients (with different medical conditions) on the clerkship								
All Schools	2007	2.0	7.8	8.8	48.3	33.1	4.0	12,550
All Schools	2008	2.2	8.3	8.6	46.4	34.5	4.0	13,263
All Schools	2009	2.3	6.0	13.4	47.3	31.1	4.0	13,043
All Schools	2010	1.7	5.0	11.4	44.0	37.8	4.1	13,529
All Schools	2011	1.7	4.9	10.4	43.0	40.0	4.1	12,868
OBGYN: A faculty member personally observed me taking a patient history during the clerkship								
All Schools	2007	8.0	29.3	11.8	30.2	20.7	3.3	12,552
All Schools	2008	8.2	29.0	12.0	29.9	21.0	3.3	13,281
All Schools	2009	8.1	24.6	15.3	32.0	20.0	3.3	13,058
All Schools	2010	7.0	22.5	13.8	30.9	25.8	3.5	13,490
All Schools	2011	6.6	22.7	12.6	30.9	27.1	3.5	12,816
OBGYN: A faculty member personally observed me performing physical examinations during the clerkship								
All Schools	2007	7.0	21.5	9.6	36.8	25.2	3.5	12,549
All Schools	2008	7.0	21.0	9.5	36.6	26.0	3.5	13,260
All Schools	2009	6.9	17.7	12.5	38.0	24.9	3.6	13,045
All Schools	2010	5.9	16.0	10.6	35.8	31.7	3.7	13,499
All Schools	2011	5.6	16.0	10.1	35.6	32.7	3.7	12,824
OBGYN: Faculty members provided me with sufficient feedback on my performance								
All Schools	2007	6.8	18.7	12.7	38.4	23.4	3.5	12,552
All Schools	2008	6.7	18.1	12.9	38.3	23.9	3.5	13,266
All Schools	2009	7.0	14.6	17.8	38.3	22.2	3.5	13,047
All Schools	2010	5.4	12.9	16.0	36.6	29.0	3.7	13,533
All Schools	2011	5.3	12.5	15.6	36.9	29.6	3.7	12,866
OBGYN: Residents and fellows provided effective teaching during the clerkship								
All Schools	2007	6.8	12.4	12.8	38.0	29.9	3.7	12,541
All Schools	2008	7.6	12.3	12.5	37.3	30.3	3.7	13,253
All Schools	2009	7.7	10.4	17.3	38.3	26.3	3.7	13,021
All Schools	2010	7.1	9.2	13.7	36.5	33.5	3.8	12,973
All Schools	2011	6.6	9.4	13.3	35.5	35.2	3.8	12,298

* Note: Respondents had the option to select "Not applicable" but these responses were excluded from report calculations and counts.

**8. Indicate whether you agree or disagree with the statements about the following clerkships at your medical school:
(Scale: 1=Strongly Disagree to 5=Strongly Agree) (Continued)**

		Ratings*					Mean	Count
		Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree		
Pediatrics								
Pediatrics: I received clear learning objectives for the clerkship								
All Schools	2007	1.0	3.8	5.5	48.8	41.0	4.2	12,549
All Schools	2008	1.0	3.7	4.9	47.5	43.0	4.3	13,258
All Schools	2009	1.3	2.4	8.2	50.4	37.9	4.2	13,067
All Schools	2010	0.7	1.9	6.0	44.5	46.8	4.3	13,547
All Schools	2011	0.8	2.0	5.5	43.1	48.6	4.4	12,863
Pediatrics: My performance was assessed against the learning objectives								
All Schools	2007	2.5	7.5	8.1	46.6	35.4	4.0	12,548
All Schools	2008	2.6	7.7	7.5	45.3	36.9	4.1	13,245
All Schools	2009	2.6	5.3	11.7	47.5	32.8	4.0	13,048
All Schools	2010	2.0	4.5	9.6	42.6	41.3	4.2	13,525
All Schools	2011	1.9	4.8	9.2	41.5	42.5	4.2	12,840
Pediatrics: I had an opportunity to follow a variety of different patients (with different medical conditions) on the clerkship								
All Schools	2007	1.4	5.3	5.8	43.1	44.4	4.2	12,547
All Schools	2008	1.2	5.1	4.7	43.1	45.9	4.3	13,228
All Schools	2009	1.6	3.7	9.0	44.1	41.7	4.2	13,034
All Schools	2010	1.0	3.1	6.8	38.7	50.4	4.3	13,521
All Schools	2011	1.1	3.1	6.6	37.8	51.5	4.4	12,843
Pediatrics: A faculty member personally observed me taking a patient history during the clerkship								
All Schools	2007	3.8	17.0	8.6	37.6	32.9	3.8	12,546
All Schools	2008	3.8	16.2	7.8	37.9	34.3	3.8	13,246
All Schools	2009	3.7	12.6	11.7	40.2	31.8	3.8	13,054
All Schools	2010	2.7	11.4	9.3	36.4	40.2	4.0	13,519
All Schools	2011	2.8	12.0	8.8	35.3	41.1	4.0	12,813
Pediatrics: A faculty member personally observed me performing physical examinations during the clerkship								
All Schools	2007	3.6	15.1	7.9	39.5	34.0	3.9	12,547
All Schools	2008	3.6	13.8	7.2	39.7	35.6	3.9	13,236
All Schools	2009	3.4	10.7	10.6	42.1	33.1	3.9	13,045
All Schools	2010	2.5	9.5	8.5	38.0	41.4	4.1	13,516
All Schools	2011	2.5	9.8	8.2	37.1	42.4	4.1	12,816
Pediatrics: Faculty members provided me with sufficient feedback on my performance								
All Schools	2007	3.0	9.3	8.2	43.1	36.4	4.0	12,548
All Schools	2008	3.0	9.3	7.6	42.0	38.2	4.0	13,240
All Schools	2009	3.0	6.3	11.9	43.9	34.9	4.0	13,054
All Schools	2010	1.9	5.4	9.8	39.4	43.4	4.2	13,534
All Schools	2011	2.2	5.4	9.5	38.6	44.4	4.2	12,834
Pediatrics: Residents and fellows provided effective teaching during the clerkship								
All Schools	2007	3.0	6.4	10.0	40.5	40.1	4.1	12,543
All Schools	2008	3.1	6.5	9.0	39.3	42.1	4.1	13,233
All Schools	2009	3.2	5.0	12.7	41.6	37.4	4.0	13,022
All Schools	2010	2.1	4.5	9.5	37.6	46.3	4.2	13,082
All Schools	2011	2.3	4.6	8.3	37.0	47.8	4.2	12,385

* Note: Respondents had the option to select "Not applicable" but these responses were excluded from report calculations and counts.

**8. Indicate whether you agree or disagree with the statements about the following clerkships at your medical school:
(Scale: 1=Strongly Disagree to 5=Strongly Agree) (Continued)**

		Ratings*					Mean	Count
		Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree		
Psychiatry								
Psychiatry: I received clear learning objectives for the clerkship								
All Schools	2007	1.1	5.5	8.0	51.8	33.6	4.1	12,547
All Schools	2008	1.1	5.4	7.2	50.3	36.0	4.1	13,285
All Schools	2009	1.3	3.5	10.8	52.7	31.8	4.1	13,081
All Schools	2010	0.9	3.0	8.1	48.2	39.9	4.2	13,512
All Schools	2011	0.9	2.6	7.8	46.6	42.1	4.3	12,835
Psychiatry: My performance was assessed against the learning objectives								
All Schools	2007	2.4	8.4	11.2	47.9	30.2	4.0	12,542
All Schools	2008	2.2	8.4	10.8	46.9	31.8	4.0	13,272
All Schools	2009	2.4	6.2	14.2	49.4	27.9	3.9	13,066
All Schools	2010	1.9	5.1	12.1	45.1	35.8	4.1	13,488
All Schools	2011	1.9	4.9	11.4	44.1	37.7	4.1	12,804
Psychiatry: I had an opportunity to follow a variety of different patients (with different medical conditions) on the clerkship								
All Schools	2007	1.6	7.1	7.7	45.3	38.3	4.1	12,545
All Schools	2008	1.7	7.0	7.0	44.3	40.0	4.1	13,268
All Schools	2009	1.7	5.4	11.0	45.3	36.6	4.1	13,061
All Schools	2010	1.3	4.6	8.8	41.2	44.0	4.2	13,486
All Schools	2011	1.3	4.3	8.4	40.2	45.8	4.2	12,810
Psychiatry: A faculty member personally observed me taking a patient history during the clerkship								
All Schools	2007	2.9	11.7	7.6	39.4	38.4	4.0	12,544
All Schools	2008	2.8	11.7	7.2	38.6	39.8	4.0	13,269
All Schools	2009	3.0	9.1	9.9	40.9	37.0	4.0	13,059
All Schools	2010	2.4	8.7	7.6	36.5	44.8	4.1	13,472
All Schools	2011	2.2	8.3	7.3	36.1	46.1	4.2	12,789
Psychiatry: A faculty member personally observed me performing mental health examinations during the clerkship								
All Schools	2007	3.5	13.3	10.1	37.2	36.0	3.9	12,546
All Schools	2008	3.0	12.3	9.0	37.6	38.0	4.0	13,268
All Schools	2009	3.4	9.5	11.5	40.2	35.4	3.9	13,067
All Schools	2010	2.6	9.6	8.5	36.1	43.3	4.1	13,211
All Schools	2011	2.3	9.6	7.9	35.9	44.4	4.1	12,536
Psychiatry: Faculty members provided me with sufficient feedback on my performance								
All Schools	2007	2.9	9.9	9.5	43.2	34.5	4.0	12,543
All Schools	2008	2.9	9.2	9.5	42.3	36.1	4.0	13,272
All Schools	2009	3.1	6.8	13.1	44.3	32.8	4.0	13,073
All Schools	2010	2.3	6.0	10.7	40.2	40.7	4.1	13,496
All Schools	2011	2.2	6.0	10.5	39.2	42.1	4.1	12,813
Psychiatry: Residents and fellows provided effective teaching during the clerkship								
All Schools	2007	4.2	8.2	15.2	40.1	32.3	3.9	12,536
All Schools	2008	3.7	8.4	14.8	38.9	34.1	3.9	13,243
All Schools	2009	3.7	6.9	17.3	41.4	30.6	3.9	13,000
All Schools	2010	2.6	6.0	11.5	39.4	40.5	4.1	12,264
All Schools	2011	2.3	5.5	11.3	38.8	42.0	4.1	11,505

* Note: Respondents had the option to select "Not applicable" but these responses were excluded from report calculations and counts.

**8. Indicate whether you agree or disagree with the statements about the following clerkships at your medical school:
(Scale: 1=Strongly Disagree to 5=Strongly Agree) (Continued)**

		Ratings*					Mean	Count
		Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree		
Surgery								
Surgery: I received clear learning objectives for the clerkship								
All Schools	2007	1.7	7.0	7.3	48.4	35.6	4.1	12,546
All Schools	2008	1.7	6.2	6.5	48.5	37.2	4.1	13,304
All Schools	2009	1.7	4.5	10.8	51.4	31.6	4.1	13,085
All Schools	2010	1.4	4.2	8.7	45.0	40.7	4.2	13,518
All Schools	2011	1.5	4.5	8.7	44.9	40.5	4.2	12,837
Surgery: My performance was assessed against the learning objectives								
All Schools	2007	3.8	11.4	10.9	43.9	30.2	3.9	12,545
All Schools	2008	3.7	11.5	10.3	43.2	31.2	3.9	13,283
All Schools	2009	4.0	8.8	15.5	45.5	26.2	3.8	13,076
All Schools	2010	3.5	8.5	13.1	41.1	33.9	3.9	13,494
All Schools	2011	3.3	8.5	14.0	40.2	34.1	3.9	12,822
Surgery: I had an opportunity to follow a variety of different patients (with different surgical conditions) on the clerkship								
All Schools	2007	1.3	4.3	5.6	45.7	43.1	4.2	12,545
All Schools	2008	1.4	4.5	5.2	44.3	44.6	4.3	13,278
All Schools	2009	1.7	3.3	8.5	46.5	40.0	4.2	13,033
All Schools	2010	1.1	3.2	7.2	41.7	46.8	4.3	13,490
All Schools	2011	1.2	3.5	6.9	41.1	47.4	4.3	12,803
Surgery: A faculty member personally observed me taking a patient history during the clerkship								
All Schools	2007	10.1	32.2	12.2	25.7	19.8	3.1	12,546
All Schools	2008	9.6	31.3	12.0	26.0	21.1	3.2	13,291
All Schools	2009	10.0	27.4	16.2	27.7	18.6	3.2	13,078
All Schools	2010	9.0	26.4	14.4	26.5	23.6	3.3	13,425
All Schools	2011	9.2	27.6	13.8	25.0	24.4	3.3	12,723
Surgery: A faculty member personally observed me performing physical examinations during the clerkship								
All Schools	2007	9.8	28.9	11.6	29.0	20.7	3.2	12,545
All Schools	2008	9.3	28.4	11.4	28.7	22.2	3.3	13,275
All Schools	2009	9.5	24.7	15.2	31.2	19.5	3.3	13,067
All Schools	2010	8.6	23.3	13.4	29.7	24.9	3.4	13,415
All Schools	2011	8.6	24.6	12.9	27.9	26.0	3.4	12,723
Surgery: Faculty members provided me with sufficient feedback on my performance								
All Schools	2007	7.4	17.7	12.2	37.8	25.0	3.6	12,544
All Schools	2008	7.1	17.1	12.1	37.1	26.6	3.6	13,292
All Schools	2009	6.7	14.1	17.2	38.5	23.6	3.6	13,072
All Schools	2010	6.1	12.9	16.1	35.4	29.5	3.7	13,496
All Schools	2011	6.0	13.7	15.6	34.3	30.4	3.7	12,810
Surgery: Residents and fellows provided effective teaching during the clerkship								
All Schools	2007	4.1	8.1	10.0	40.2	37.7	4.0	12,537
All Schools	2008	3.9	8.0	9.7	39.1	39.3	4.0	13,279
All Schools	2009	4.3	6.8	13.9	40.6	34.4	3.9	13,026
All Schools	2010	3.5	6.1	11.7	37.0	41.7	4.1	13,109
All Schools	2011	3.8	6.4	11.3	36.5	41.9	4.1	12,408

* Note: Respondents had the option to select "Not applicable" but these responses were excluded from report calculations and counts.

All Schools

	All Schools				
	2007	2008	2009	2010	2011
9. Which of the following assessment methods were used as part of the final evaluation/grade for the clerkships?					
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Oral examination	62.7	60.3	60.1	60.2	58.4
Assessment by faculty member*	78.0	77.4	97.1	98.3	98.3
Assessment by resident physicians*	92.0	91.3	91.6	93.8	93.7
Computerized or written knowledge examinations	0.0	0.0	0.0	97.2	97.7
Objective Structured Clinical Examination (OSCE)	74.1	76.4	79.0	74.7	74.4
Case simulations using standardized patient(s)	36.8	35.9	37.4	65.6	65.8
Computerized case simulations	0.0	0.0	0.0	40.1	41.6
Learning Portfolio	0.0	0.0	0.0	36.7	35.1

* Note: As of 2010, 'Observation' was reworded to 'Assessment'.

Special Topic Question**10a. Have you had a clinical training experience during medical school at a Department of Veterans Affairs medical facility?**

(Note: Question added to survey in 2009).

	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Yes	0.0	0.0	66.2	66.6	64.6
No	0.0	0.0	33.8	33.4	35.4
	0.0	0.0	100.0	100.0	100.0
Number of responses			13,124	13,195	12,175

10b. How would you rate the value of your Department of Veterans Affairs clinical training experience?

(Note: Question added to survey in 2009).

	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Poor	0.0	0.0	2.4	1.9	2.2
Fair	0.0	0.0	5.4	5.8	6.0
Adequate	0.0	0.0	20.3	21.8	22.3
Very Good	0.0	0.0	38.1	39.5	38.3
Excellent	0.0	0.0	33.7	31.1	31.3
	0.0	0.0	100.0	100.0	100.0
Number of responses			8,689	8,793	7,872

11. Did you participate in structured service learning (a structured opportunity to examine service in the context of educational goals and personal reflection)? (Note: Question new in 2010.)

	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Yes	0.0	0.0	0.0	43.6	44.5
No	0.0	0.0	0.0	56.4	55.5
	0.0	0.0	0.0	100.0	100.0
Number of responses				13,424	12,602

12. 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	36.2	36.4	41.6	41.4	42.2
Research project with faculty member	59.0	60.0	64.8	64.2	66.3
Authorship (sole or joint) of a research paper submitted for publication	34.6	35.3	38.0	39.1	40.6
Thesis project	7.6	7.3	9.9	10.0	10.1
Global health experiences	26.3	27.5	29.9	30.8	30.5
Educating elementary, high school or college students about careers in health professions or biological sciences	43.1	42.5	43.1	43.2	44.2
Providing health education (e.g., HIV/AIDS education, breast cancer awareness, smoking cessation, obesity)**	49.4	50.2	56.1	57.2	57.9

** 'Obesity' added in 2010

	All Schools				
	2007	2008	2009	2010	2011
12. Indicate the activities you will have participated in during medical school on an elective (for credit) or volunteer (not required) basis:(Continued)					
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Field experience in community health (e.g., adult/child protective services, family violence program, rape crises hotline)	31.8	31.8	44.3	44.8	44.3
Field experience in home care	25.5	27.6	34.7	33.5	33.7
Field experience in nursing home care	23.7	26.0	32.4	33.0	32.4
Learned another language in order to improve communication with patients	26.5	26.6	28.1	26.9	25.8
Learned the proper use of the interpreter when needed	0.0	0.0	69.2	69.3	71.2
Experience related to health disparities	45.6	48.5	65.3	65.5	67.6
Experience related to cultural awareness and cultural competence	47.2	50.0	67.0	67.0	69.1
Community-based research project	0.0	0.0	26.3	25.5	27.1
Experience with a free clinic for the underserved population *	0.0	0.0	0.0	0.0	70.8
Other	0.0	0.0	3.9	3.4	3.6

13. Do you believe that your instruction in the following areas was inadequate, appropriate, or excessive:

		Ratings			Count
		Inadequate	Appropriate	Excessive	
Clinical Decision Making and Clinical Care					
Patient interviewing skills					
All Schools	2007	1.7 %	90.6 %	7.7 %	12,538
All Schools	2008	1.6	89.2	9.2	13,285
All Schools	2009	1.7	89.0	9.3	13,105
All Schools	2010	1.5	90.2	8.2	13,468
All Schools	2011	1.5	90.7	7.8	12,697
Physical examination skills					
All Schools	2007	11.5	86.1	2.3	12,530
All Schools	2008	11.1	86.2	2.7	13,244
All Schools	2009	12.0	85.3	2.7	13,094
All Schools	2010	11.2	86.3	2.5	13,455
All Schools	2011	11.7	86.0	2.2	12,688
Diagnosis of disease					
All Schools	2007	3.3	95.9	0.8	12,538
All Schools	2008	3.7	95.4	0.9	13,290
All Schools	2009	5.9	93.4	0.7	13,092
All Schools	2010	5.3	94.1	0.6	13,454
All Schools	2011	5.6	93.8	0.6	12,679
Clinical reasoning					
All Schools	2007	5.2	94.0	0.7	12,537
All Schools	2008	6.0	93.4	0.7	13,292
All Schools	2009	8.2	91.1	0.8	13,084
All Schools	2010	7.3	92.0	0.8	13,453
All Schools	2011	7.8	91.5	0.7	12,677
Management of disease					
All Schools	2007	6.5	92.8	0.7	12,537
All Schools	2008	7.2	92.1	0.7	13,289
All Schools	2009	10.7	88.7	0.5	13,092
All Schools	2010	9.4	90.2	0.5	13,450
All Schools	2011	9.9	89.6	0.5	12,681

* Note: 'Experience with a free clinic for the underserved population' added to response list as of the 2011 survey

13. Do you believe that your instruction in the following areas was inadequate, appropriate, or excessive: (Continued)

		Ratings			Count
		Inadequate	Appropriate	Excessive	
Care of hospitalized patients					
All Schools	2007	2.8	94.1	3.1	12,540
All Schools	2008	2.7	94.3	3.0	13,305
All Schools	2009	4.1	93.8	2.1	13,093
All Schools	2010	3.7	94.4	1.9	13,456
All Schools	2011	3.9	94.2	1.9	12,684
Care of ambulatory patients					
All Schools	2007	8.2	88.1	3.7	12,540
All Schools	2008	8.0	88.1	3.9	13,285
All Schools	2009	10.4	86.1	3.5	13,097
All Schools	2010	9.8	87.0	3.1	13,455
All Schools	2011	10.0	87.1	2.9	12,680
Health maintenance					
All Schools	2007	9.2	89.2	1.6	12,536
All Schools	2008	9.9	88.5	1.6	13,260
All Schools	2009	10.7	86.7	2.6	13,095
All Schools	2010	10.5	87.3	2.2	13,455
All Schools	2011	10.1	87.7	2.2	12,680
Long-term health care					
All Schools	2007	24.7	74.6	0.7	12,537
All Schools	2008	25.5	73.7	0.8	13,273
All Schools	2009	20.1	78.7	1.1	13,091
All Schools	2010	19.8	79.1	1.1	13,451
All Schools	2011	19.7	79.3	1.0	12,683
Continuity of care					
All Schools	2007	17.7	81.0	1.3	12,539
All Schools	2008	18.3	80.8	1.0	13,287
All Schools	2009	18.0	80.2	1.7	13,079
All Schools	2010	18.0	80.5	1.5	13,441
All Schools	2011	18.1	80.5	1.4	12,670
Physician-patient communication skills					
All Schools	2007	2.7	90.0	7.2	12,540
All Schools	2008	2.6	89.2	8.1	13,288
All Schools	2009	2.5	86.2	11.4	13,087
All Schools	2010	2.4	87.3	10.3	13,446
All Schools	2011	2.2	88.1	9.7	12,674
Physician-patient communication skills with proper use of interpreter as needed					
All Schools	2009	14.3	82.5	3.1	13,089
All Schools	2010	13.1	84.3	2.6	13,448
All Schools	2011	12.7	84.8	2.4	12,681
Physician-physician communication skills					
All Schools	2007	15.4	82.1	2.4	12,540
All Schools	2008	16.0	81.4	2.6	13,291
All Schools	2009	15.2	82.8	2.0	13,094
All Schools	2010	14.9	83.1	1.9	13,453
All Schools	2011	14.8	83.6	1.6	12,673

13. Do you believe that your instruction in the following areas was inadequate, appropriate, or excessive: (Continued)

		Ratings			Count
		Inadequate	Appropriate	Excessive	
Teamwork with other health professionals					
All Schools	2007	11.4	87.2	1.4	12,538
All Schools	2008	11.2	87.0	1.8	13,289
All Schools	2009	10.4	87.0	2.5	13,081
All Schools	2010	9.9	87.3	2.7	13,446
All Schools	2011	10.8	86.8	2.4	12,659
Ethical decision making					
All Schools	2007	9.7	81.3	9.0	12,536
All Schools	2008	9.8	80.1	10.1	13,276
All Schools	2009	6.5	83.0	10.6	13,043
All Schools	2010	6.8	84.3	8.9	13,449
All Schools	2011	6.2	84.8	9.0	12,666
Care of Geriatric Patients (Note: Question new in 2010.)					
All Schools	2010	16.5	78.4	5.1	13,421
All Schools	2011	16.5	78.7	4.8	12,647
Practice of Medicine					
Health care quality improvement*					
All Schools	2007	31.6	67.6	0.8	12,522
All Schools	2008	29.9	69.2	0.9	13,156
All Schools	2009				
All Schools	2010	29.1	69.3	1.6	13,447
All Schools	2011	28.8	69.7	1.6	12,666
Practice management*					
All Schools	2007	53.2	46.6	0.3	12,522
All Schools	2008	51.7	48.1	0.3	13,150
All Schools	2009				
All Schools	2010	53.4	46.3	0.4	13,433
All Schools	2011	52.2	47.5	0.3	12,652
Medical record-keeping*					
All Schools	2007	40.0	59.1	0.8	12,523
All Schools	2008	39.5	59.5	0.9	13,151
All Schools	2009				
All Schools	2010	32.8	65.9	1.3	13,445
All Schools	2011	31.8	66.8	1.4	12,650
Managed care*					
All Schools	2007	52.2	47.3	0.6	12,514
All Schools	2008	52.2	47.4	0.4	13,133
All Schools	2009				
All Schools	2010	49.8	49.7	0.5	13,387
All Schools	2011	45.9	53.8	0.4	12,629
Patient confidentiality and privacy/HIPAA*					
All Schools	2007	5.3	71.3	23.5	12,519
All Schools	2008	4.0	72.3	23.7	13,156
All Schools	2009				
All Schools	2010	2.9	75.9	21.2	13,445
All Schools	2011	2.8	78.5	18.7	12,655

*Note: Data not collected in 2009. Added back to survey in 2010.

13. Do you believe that your instruction in the following areas was inadequate, appropriate, or excessive: (Continued)

		Ratings			Count
		Inadequate	Appropriate	Excessive	
Health care systems*					
All Schools	2007	40.2	59.2	0.5	12,516
All Schools	2008	39.0	60.5	0.5	13,135
All Schools	2009				
All Schools	2010	39.8	59.3	0.9	13,432
All Schools	2011	37.1	62.1	0.8	12,649
Medical economics*					
All Schools	2007	61.6	38.0	0.3	12,521
All Schools	2008	63.3	36.4	0.3	13,142
All Schools	2009				
All Schools	2010	65.2	34.5	0.3	13,440
All Schools	2011	63.8	35.9	0.4	12,652
Medical licensure/regulation*					
All Schools	2007	61.4	38.3	0.3	12,512
All Schools	2008	62.1	37.7	0.2	13,115
All Schools	2009				
All Schools	2010	65.8	33.9	0.2	13,429
All Schools	2011	65.2	34.6	0.2	12,648
Population Based Medicine					
Public health					
All Schools	2007	34.9	63.3	1.8	12,528
All Schools	2008	34.2	64.0	1.8	13,261
All Schools	2009	30.0	67.7	2.3	13,079
All Schools	2010	24.4	73.4	2.1	13,323
All Schools	2011	22.8	74.8	2.4	12,488
Community medicine					
All Schools	2007	22.9	74.3	2.9	12,526
All Schools	2008	21.0	76.1	2.9	13,244
All Schools	2009	19.4	77.3	3.3	13,063
All Schools	2010	16.7	80.3	3.0	13,298
All Schools	2011	15.5	81.5	3.1	12,466
Role of community health and social service agencies					
All Schools	2007	33.8	64.4	1.8	12,525
All Schools	2008	32.6	65.6	1.8	13,247
All Schools	2009	29.9	68.1	2.0	13,064
All Schools	2010	25.8	72.5	1.7	13,304
All Schools	2011	24.0	74.4	1.6	12,478
Disease prevention					
All Schools	2007	13.9	85.2	0.8	12,527
All Schools	2008	13.6	85.5	0.9	13,244
All Schools	2009	11.3	87.6	1.1	13,062
All Schools	2010	9.1	90.0	0.9	13,294
All Schools	2011	8.3	90.8	0.9	12,475
Epidemiology					
All Schools	2007	20.1	78.1	1.8	12,526
All Schools	2008	19.6	78.6	1.8	13,244
All Schools	2009	17.4	80.8	1.8	13,065
All Schools	2010	14.3	83.8	1.8	13,301
All Schools	2011	13.6	84.0	2.4	12,465

*Note: Data not collected in 2009. Added back to survey in 2010.

13. Do you believe that your instruction in the following areas was inadequate, appropriate, or excessive: (Continued)

		Ratings			Count
		Inadequate	Appropriate	Excessive	
Biostatistics					
All Schools	2007	24.7	73.1	2.2	12,529
All Schools	2008	25.3	72.3	2.5	13,258
All Schools	2009	22.2	75.2	2.6	13,063
All Schools	2010	18.9	78.5	2.5	13,305
All Schools	2011	18.3	78.6	3.1	12,474
Women's health					
All Schools	2007	15.5	82.6	1.9	12,527
All Schools	2008	13.9	84.1	2.0	13,254
All Schools	2009	12.3	85.8	2.0	13,054
All Schools	2010	9.5	88.7	1.9	13,300
All Schools	2011	9.6	88.5	1.9	12,465
Culturally appropriate care for diverse populations					
All Schools	2007	18.9	75.8	5.3	12,526
All Schools	2008	16.4	78.0	5.6	13,253
All Schools	2009	13.6	80.0	6.4	13,059
All Schools	2010	12.0	82.3	5.8	13,311
All Schools	2011	11.1	83.3	5.6	12,475
Occupational medicine					
All Schools	2007	42.1	57.2	0.7	12,520
All Schools	2008	44.0	55.5	0.6	13,245
All Schools	2009	42.1	57.3	0.7	13,055
All Schools	2010	38.9	60.5	0.6	13,291
All Schools	2011	38.7	60.7	0.5	12,480
Environmental health					
All Schools	2007	42.5	57.0	0.6	12,520
All Schools	2008	41.8	57.5	0.7	13,233
All Schools	2009	39.8	59.6	0.6	13,042
All Schools	2010	36.7	62.8	0.5	13,281
All Schools	2011	35.9	63.5	0.6	12,457
Health and healthcare disparities					
All Schools	2007	22.4	73.9	3.7	12,528
All Schools	2008	19.7	76.7	3.6	13,241
All Schools	2009	15.7	80.0	4.4	13,053
All Schools	2010	15.7	79.9	4.4	13,300
All Schools	2011	13.3	82.0	4.7	12,463
Health determinants					
All Schools	2007	25.1	74.1	0.8	12,520
All Schools	2008	22.4	76.9	0.7	13,220
All Schools	2009	19.4	79.6	1.0	13,028
All Schools	2010	20.2	79.0	0.8	13,270
All Schools	2011	18.3	80.6	1.0	12,437
Health Policy					
All Schools	2007	45.5	53.6	0.9	12,522
All Schools	2008	48.7	50.6	0.7	13,246
All Schools	2009	41.6	57.2	1.2	13,053
All Schools	2010	43.9	55.1	0.9	13,297
All Schools	2011	41.1	58.0	0.8	12,469

13. Do you believe that your instruction in the following areas was inadequate, appropriate, or excessive: (Continued)

		Ratings			Count
		Inadequate	Appropriate	Excessive	
Global health issues					
All Schools	2007	43.3	55.8	0.8	12,522
All Schools	2008	43.1	56.1	0.9	13,242
All Schools	2009	41.3	57.7	1.0	13,048
All Schools	2010	39.8	59.2	1.0	13,287
All Schools	2011	38.1	60.7	1.2	12,462
Health surveillance strategies					
All Schools	2007	34.8	64.6	0.6	12,515
All Schools	2008	34.6	65.0	0.4	13,220
All Schools	2009	31.1	68.4	0.5	13,027
All Schools	2010	32.1	67.5	0.4	13,253
All Schools	2011	29.1	70.5	0.4	12,436
Biological, chemical and natural disaster management					
All Schools	2007	44.9	53.8	1.3	12,513
All Schools	2008	46.8	51.8	1.5	13,188
All Schools	2009	45.0	53.8	1.2	13,005
All Schools	2010	46.4	52.6	1.0	13,250
All Schools	2011	45.6	53.7	0.7	12,434
Evidence Based Medicine					
Interpretation of clinical data and research reports					
All Schools	2007	18.7	78.0	3.2	12,534
All Schools	2008	19.3	77.9	2.8	13,279
All Schools	2009	14.0	82.0	4.0	13,095
All Schools	2010	9.6	86.0	4.3	13,242
All Schools	2011	9.2	85.9	4.9	12,418
Conduct systematic literature review					
All Schools	2007	20.2	74.6	5.1	12,531
All Schools	2008	21.5	73.6	4.9	13,275
All Schools	2009	17.0	77.1	5.9	13,091
All Schools	2010	10.8	83.0	6.2	13,236
All Schools	2011	11.1	82.7	6.2	12,408
Interpretation of laboratory results					
All Schools	2007	10.9	87.2	1.9	12,530
All Schools	2008	10.3	88.3	1.4	13,278
All Schools	2009	9.8	88.3	1.9	13,082
All Schools	2010	7.1	90.6	2.3	13,226
All Schools	2011	6.3	91.3	2.4	12,403
Decision analysis					
All Schools	2007	15.7	82.3	2.0	12,525
All Schools	2008	16.0	82.7	1.4	13,263
All Schools	2009	15.8	82.3	1.9	13,054
All Schools	2010	11.4	86.4	2.2	13,184
All Schools	2011	11.2	86.5	2.3	12,350

13. Do you believe that your instruction in the following areas was inadequate, appropriate, or excessive: (Continued)

		Ratings			Count
		Inadequate	Appropriate	Excessive	
Other Medical Topics					
Law and medicine					
All Schools	2007	50.4	48.7	0.9	12,527
All Schools	2008	50.3	48.9	0.7	13,244
All Schools	2009	48.2	50.9	0.9	13,067
All Schools	2010	52.6	46.8	0.6	13,301
All Schools	2011	51.1	48.2	0.7	12,479
Behavioral sciences					
All Schools	2007	8.9	87.4	3.7	12,524
All Schools	2008	8.5	88.0	3.5	13,236
All Schools	2009	8.2	88.3	3.5	13,056
All Schools	2010	7.8	88.9	3.3	13,299
All Schools	2011	7.3	89.7	3.1	12,471
Medical genetics					
All Schools	2007	9.8	88.7	1.5	12,527
All Schools	2008	9.1	89.5	1.4	13,238
All Schools	2009	12.7	85.5	1.8	13,048
All Schools	2010	11.0	87.1	1.9	13,287
All Schools	2011	11.1	87.2	1.7	12,457
Complementary and alternative medicine					
All Schools	2007	32.9	63.1	4.0	12,526
All Schools	2008	33.3	62.9	3.8	13,251
All Schools	2009	34.4	61.7	3.9	13,062
All Schools	2010	32.6	62.9	4.5	13,304
All Schools	2011	31.5	64.5	4.0	12,473
Human sexuality					
All Schools	2007	19.4	77.6	3.1	12,528
All Schools	2008	19.0	78.1	2.9	13,244
All Schools	2009	22.2	74.8	3.1	13,055
All Schools	2010	20.9	76.2	2.9	13,295
All Schools	2011	20.9	76.3	2.8	12,474
Palliative care/pain management					
All Schools	2007	22.6	76.0	1.4	12,528
All Schools	2008	21.3	77.1	1.7	13,251
All Schools	2009	22.1	75.5	2.4	13,064
All Schools	2010	19.9	78.1	2.0	13,307
All Schools	2011	19.5	78.7	1.8	12,472
End of life care					
All Schools	2007	19.9	78.0	2.1	12,525
All Schools	2008	18.8	78.7	2.4	13,245
All Schools	2009	19.2	77.6	3.2	13,057
All Schools	2010	17.8	79.7	2.5	13,305
All Schools	2011	18.1	79.7	2.2	12,477

13. Do you believe that your instruction in the following areas was inadequate, appropriate, or excessive: (Continued)

		Ratings			Count
		Inadequate	Appropriate	Excessive	
Family/domestic violence					
All Schools	2007	18.3	80.4	1.3	12,529
All Schools	2008	18.1	80.6	1.3	13,242
All Schools	2009	19.5	79.2	1.3	13,054
All Schools	2010	17.3	81.6	1.1	13,286
All Schools	2011	17.8	81.2	1.0	12,468
Drug and alcohol abuse					
All Schools	2007	7.6	90.2	2.2	12,523
All Schools	2008	7.1	90.2	2.7	13,245
All Schools	2009	7.9	89.6	2.5	13,057
All Schools	2010	6.8	90.8	2.4	13,296
All Schools	2011	6.2	91.2	2.5	12,475
Biomedical ethics					
All Schools	2007	12.2	83.5	4.3	12,524
All Schools	2008	11.6	83.7	4.8	13,235
All Schools	2009	10.6	84.3	5.1	13,054
All Schools	2010	10.4	84.9	4.7	13,285
All Schools	2011	9.9	85.5	4.7	12,462
Professionalism					
All Schools	2007	3.9	83.5	12.6	12,520
All Schools	2008	2.8	82.7	14.5	13,244
All Schools	2009	2.6	82.2	15.3	13,055
All Schools	2010	2.3	81.7	16.0	13,302
All Schools	2011	2.0	81.7	16.2	12,466
Rehabilitative care					
All Schools	2007	35.8	63.6	0.6	12,509
All Schools	2008	35.7	63.7	0.6	13,215
All Schools	2009	37.1	62.1	0.9	13,037
All Schools	2010	35.0	64.3	0.6	13,279
All Schools	2011	34.4	65.2	0.4	12,452

14. Indicate whether you agree or disagree with the following statement: (Scale: 1=Strongly Disagree to 5=Strongly Agree)

		Ratings					Mean	Count
		Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree		
Overall, I am satisfied with the quality of my medical education.								
All Schools	2007	1.0 %	4.1 %	4.6 %	49.6 %	40.7 %	4.3	12,532
All Schools	2008	1.1	3.9	4.3	47.3	43.4	4.3	13,287
All Schools	2009	1.5	3.6	8.3	48.8	37.8	4.2	13,096
All Schools	2010	1.1	3.6	8.0	46.8	40.6	4.2	13,351
All Schools	2011	0.9	2.9	7.3	48.8	40.1	4.2	12,258

15. Indicate your level of agreement with the following statements: (Scale: 1=Strongly Disagree to 5=Strongly Agree)
I am confident that I have the knowledge and skills to:

		Ratings					Mean	Count
		Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree		
Communication Skills								
Discuss a prescription error I made with the patient								
All Schools	2007	0.4 %	3.7 %	6.2 %	54.8 %	34.9 %	4.2	12,529
All Schools	2008	0.4	3.8	5.7	54.2	35.9	4.2	13,230
All Schools	2009	0.5	3.2	10.1	59.1	27.1	4.1	13,093
All Schools	2010	0.4	3.2	8.8	59.8	27.8	4.1	13,291
All Schools	2011	0.6	4.6	10.5	59.6	24.7	4.0	12,410
Provide safe sex counseling to a patient whose sexual orientation differs from mine								
All Schools	2007	0.4	3.1	5.2	46.0	45.4	4.3	12,524
All Schools	2008	0.4	2.8	4.4	45.4	47.0	4.4	13,230
All Schools	2009	0.4	2.3	7.4	50.6	39.3	4.3	13,084
All Schools	2010	0.3	2.1	5.9	49.9	41.7	4.3	13,286
All Schools	2011	0.4	2.5	6.8	50.5	39.7	4.3	12,400
Discuss treatment options with a patient with a terminal illness								
All Schools	2007	0.4	5.0	6.6	52.6	35.4	4.2	12,524
All Schools	2008	0.3	5.4	6.6	52.8	34.9	4.2	13,222
All Schools	2009	0.4	3.7	11.8	54.5	29.5	4.1	13,080
All Schools	2010	0.4	3.8	10.3	54.2	31.3	4.1	13,275
All Schools	2011	0.5	4.5	11.7	55.1	28.2	4.1	12,389
Discuss DNR orders with a patient or family member								
All Schools	2007	0.5	7.1	7.8	50.2	34.5	4.1	12,521
All Schools	2008	0.4	6.7	7.0	50.2	35.6	4.1	13,207
All Schools	2009	0.7	4.8	13.0	51.0	30.4	4.1	13,074
All Schools	2010	0.4	4.9	11.0	51.4	32.3	4.1	13,265
All Schools	2011	0.6	5.3	11.7	52.9	29.5	4.1	12,369
Negotiate with a patient who is requesting unnecessary tests or procedures								
All Schools	2007	0.3	3.8	6.8	57.6	31.5	4.2	12,523
All Schools	2008	0.2	3.3	5.5	58.0	33.0	4.2	13,210
All Schools	2009	0.5	2.2	10.5	58.9	27.9	4.1	13,072
All Schools	2010	0.3	2.4	10.0	58.9	28.5	4.1	13,273
All Schools	2011	0.3	3.0	10.6	60.2	25.8	4.1	12,373
Assess the health practices of a patient using alternative therapies								
All Schools	2007	1.4	13.1	12.7	48.8	24.0	3.8	12,520
All Schools	2008	1.2	12.4	12.2	49.4	24.8	3.8	13,185
All Schools	2009	1.3	9.2	19.0	50.0	20.4	3.8	13,038
All Schools	2010	0.9	8.0	17.0	51.4	22.7	3.9	13,227
All Schools	2011	0.9	8.4	17.5	52.3	20.9	3.8	12,347
Technology Skills								
Carry out sophisticated searches of medical information databases								
All Schools	2007	0.4	4.0	5.6	50.0	39.9	4.3	12,524
All Schools	2008	0.4	4.2	5.1	50.1	40.2	4.3	13,228
All Schools	2009	0.6	3.3	10.4	51.7	33.9	4.1	13,090
All Schools	2010	0.5	3.5	10.2	50.4	35.4	4.2	13,283
All Schools	2011	0.6	3.6	10.9	50.8	34.0	4.1	12,402

15. Indicate your level of agreement with the following statements: (Scale: 1=Strongly Disagree to 5=Strongly Agree)
I am confident that I have the appropriate knowledge and skills to: (Continued)

		Ratings					Mean	Count
		Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree		
Critically review published research								
All Schools	2007	0.7	8.5	9.9	51.1	29.9	4.0	12,518
All Schools	2008	0.7	8.7	10.2	51.2	29.2	4.0	13,189
All Schools	2009	0.8	5.6	15.3	50.3	28.1	4.0	13,074
All Schools	2010	0.7	5.5	15.4	49.7	28.8	4.0	13,271
All Schools	2011	0.7	5.4	15.4	49.9	28.6	4.0	12,382
Use a computer-based clinical record keeping program, both for finding and recording patient-specific information								
All Schools	2007	0.5	2.3	4.0	42.6	50.7	4.4	12,524
All Schools	2008	0.4	1.6	3.2	41.6	53.3	4.5	13,213
All Schools	2009	0.7	2.1	6.8	49.1	41.3	4.3	13,074
All Schools	2010	0.5	1.9	6.1	47.5	43.9	4.3	13,252
All Schools	2011	0.5	2.0	6.6	48.7	42.2	4.3	12,373
Use telemedicine								
All Schools	2007	3.2	17.2	32.1	31.2	16.3	3.4	12,516
All Schools	2008	3.1	17.8	31.8	31.7	15.6	3.4	13,196
All Schools	2009	3.4	17.2	33.6	32.3	13.4	3.4	13,042
All Schools	2010	3.6	18.7	33.4	31.3	13.1	3.3	13,245
All Schools	2011	3.7	18.8	33.8	31.6	12.1	3.3	12,365
Use point of care technology for clinical purposes								
All Schools	2007	1.4	7.1	25.3	42.4	23.8	3.8	12,510
All Schools	2008	1.3	6.8	23.7	44.1	24.2	3.8	13,177
All Schools	2009	1.7	7.3	24.7	46.3	20.0	3.8	13,020
All Schools	2010	1.5	6.9	24.1	46.3	21.2	3.8	13,229
All Schools	2011	1.6	6.9	23.1	47.7	20.7	3.8	12,298

16. Indicate whether you agree or disagree with the following statements about your preparedness for beginning a residency program: (Scale: 1=Strongly Disagree to 5=Strongly Agree)

		Ratings					Mean	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 Schools	2007	0.3 %	2.3 %	5.6 %	52.6 %	39.1 %	4.3	12,530
All Schools	2008	0.3	2.3	4.7	51.7	41.0	4.3	13,212
All Schools	2009	0.5	1.7	9.2	54.1	34.5	4.2	13,084
All Schools	2010	0.3	1.3	7.6	52.8	38.1	4.3	13,250
All Schools	2011	0.3	1.7	7.8	53.8	36.3	4.2	12,329
I have the fundamental understanding of common conditions and their management encountered in the major clinical disciplines.								
All Schools	2007	0.2	1.0	3.9	55.7	39.2	4.3	12,526
All Schools	2008	0.2	1.0	3.2	55.2	40.5	4.3	13,202
All Schools	2009	0.4	0.9	6.0	58.5	34.2	4.3	13,077
All Schools	2010	0.2	0.7	5.4	58.2	35.5	4.3	13,243
All Schools	2011	0.2	0.8	5.6	59.7	33.7	4.3	12,314
I have the communication skills necessary to interact with patients and health professionals.								
All Schools	2007	0.1	0.3	2.3	36.6	60.6	4.6	12,527
All Schools	2008	0.1	0.2	1.6	34.3	63.7	4.6	13,209
All Schools	2009	0.2	0.2	2.9	39.3	57.3	4.5	13,069
All Schools	2010	0.1	0.2	2.3	39.3	58.2	4.6	13,235
All Schools	2011	0.1	0.2	2.3	39.9	57.5	4.5	12,309

16. Indicate whether you agree or disagree with the following statements about your preparedness for beginning a residency program: (Scale: 1=Strongly Disagree to 5=Strongly Agree) (Continued)

		Ratings					Mean	Count
		Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree		
I have basic skills in clinical decision making and the application of evidence based information to medical practice.								
All Schools	2007	0.2	1.0	3.7	51.0	44.1	4.4	12,527
All Schools	2008	0.2	0.9	3.4	50.6	44.8	4.4	13,163
All Schools	2009	0.2	0.9	6.2	55.4	37.3	4.3	13,062
All Schools	2010	0.1	0.7	4.8	54.0	40.4	4.3	13,223
All Schools	2011	0.2	0.7	5.3	56.0	37.8	4.3	12,293
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 Schools	2007	0.2	1.4	4.3	49.3	44.9	4.4	12,526
All Schools	2008	0.3	1.4	3.6	48.8	45.9	4.4	13,192
All Schools	2009	0.3	0.9	5.9	52.8	40.1	4.3	13,073
All Schools	2010	0.2	0.9	5.7	52.1	41.1	4.3	13,237
All Schools	2011	0.2	0.9	5.8	53.7	39.3	4.3	12,303
I understand the ethical and professional values that are expected of the profession.								
All Schools	2007	0.1	0.2	2.4	41.1	56.2	4.5	12,524
All Schools	2008	0.1	0.2	1.7	38.0	60.0	4.6	13,200
All Schools	2009	0.2	0.2	3.0	43.5	53.0	4.5	13,061
All Schools	2010	0.1	0.2	2.4	42.3	55.0	4.5	13,232
All Schools	2011	0.2	0.2	2.3	44.0	53.3	4.5	12,311
I believe I am adequately prepared to care for patients from different backgrounds.								
All Schools	2007	0.2	1.1	4.1	45.4	49.1	4.4	12,521
All Schools	2008	0.2	0.8	3.2	43.0	52.7	4.5	13,183
All Schools	2009	0.3	0.5	4.7	47.6	46.8	4.4	13,060
All Schools	2010	0.2	0.5	3.9	45.7	49.7	4.4	13,221
All Schools	2011	0.2	0.5	3.9	47.7	47.7	4.4	12,292

17. Indicate whether you agree or disagree with the following statements: (Scale: 1=Strongly Disagree to 5=Strongly Agree)

		Ratings					Mean	Count
		Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree		
I received appropriate guidance in the selection of electives.								
All Schools	2007	5.6 %	18.0 %	13.3 %	42.8 %	20.2 %	3.5	12,530
All Schools	2008	5.5	17.7	12.5	42.8	21.5	3.6	13,239
All Schools	2009	5.6	17.2	21.3	41.3	14.7	3.4	13,091
All Schools	2010	4.7	16.3	21.8	41.6	15.6	3.5	13,240
All Schools	2011	4.8	16.5	21.7	43.0	14.1	3.5	12,282
At my school, elective time was adequate.								
All Schools	2007	4.0	8.1	4.8	46.1	36.9	4.0	12,529
All Schools	2008	3.5	7.9	3.9	44.9	39.7	4.1	13,223
All Schools	2009	4.8	9.8	10.0	47.2	28.2	3.8	13,053
All Schools	2010	4.3	10.1	9.6	47.1	28.9	3.9	13,209
All Schools	2011	4.4	9.9	9.7	48.5	27.5	3.8	12,240
Additional required activities should be added to my final year at my medical school.								
All Schools	2007	30.3	37.9	11.2	13.7	6.8	2.3	12,528
All Schools	2008	31.0	38.2	10.6	12.8	7.3	2.3	13,211
All Schools	2009	33.8	35.5	11.9	13.2	5.5	2.2	13,070
All Schools	2010	32.5	38.1	11.3	12.3	5.7	2.2	13,216
All Schools	2011	32.0	38.9	11.5	12.7	4.9	2.2	12,259

17. Indicate whether you agree or disagree with the following statements (Scale: 1=Strongly Disagree to 5=Strongly Agree):(Continued)

		Ratings					Mean	Count
		Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree		
The final year was helpful in my preparation for residency.								
All Schools	2007	1.6	5.1	10.0	51.9	31.3	4.1	12,528
All Schools	2008	1.8	4.7	9.9	51.0	32.6	4.1	13,226
All Schools	2009	2.5	6.8	14.6	47.7	28.3	3.9	13,082
All Schools	2010	2.5	6.5	14.7	47.9	28.3	3.9	13,233
All Schools	2011	2.3	4.9	13.0	47.5	32.3	4.0	12,207
The final year was important for enhancing my clinical education.								
All Schools	2007	1.8	5.3	8.9	48.9	35.1	4.1	12,530
All Schools	2008	1.9	5.3	8.9	47.4	36.5	4.1	13,228
All Schools	2009	2.2	5.1	13.2	46.3	33.3	4.0	13,082
All Schools	2010	2.2	5.0	12.8	46.3	33.7	4.0	13,228
All Schools	2011	2.7	7.0	14.9	48.5	26.9	3.9	12,272

18. Indicate your level of satisfaction with the following: (Scale: 1=Very Dissatisfied to 5=Very Satisfied)

		Ratings*					Mean	Count
		Very Dissatisfied	Dissatisfied	Neutral	Satisfied	Very Satisfied		
Office of the Dean of Students / Associate Dean for Students								
Accessibility								
All Schools	2007	2.5 %	5.6 %	14.4 %	41.6 %	35.9 %	4.0	12,534
All Schools	2008	2.3	4.9	13.1	41.7	38.0	4.1	13,236
All Schools	2009	2.6	4.1	18.6	40.2	34.5	4.0	13,070
All Schools	2010	2.4	3.9	14.1	41.0	38.6	4.1	13,235
All Schools	2011	2.1	3.8	14.7	40.2	39.2	4.1	12,246
Awareness of student concerns								
All Schools	2007	3.8	9.1	15.1	40.5	31.5	3.9	12,534
All Schools	2008	4.0	8.2	14.2	41.0	32.6	3.9	13,223
All Schools	2009	3.9	6.4	19.3	38.6	31.8	3.9	13,063
All Schools	2010	4.3	6.8	15.5	38.8	34.5	3.9	13,218
All Schools	2011	3.6	6.7	15.8	39.3	34.5	3.9	12,234
Responsiveness to student problems								
All Schools	2007	5.0	10.5	16.3	38.1	30.0	3.8	12,531
All Schools	2008	4.9	9.7	15.3	38.9	31.2	3.8	13,214
All Schools	2009	4.5	6.6	20.1	36.7	32.1	3.9	12,988
All Schools	2010	5.1	7.5	16.8	36.3	34.3	3.9	13,138
All Schools	2011	4.8	7.4	16.9	36.6	34.2	3.9	12,147
Office of the Dean for Educational Programs / Curricular Affairs								
Accessibility								
All Schools	2007	2.3	4.9	18.6	42.5	31.8	4.0	12,524
All Schools	2008	2.2	5.2	16.2	42.5	33.9	4.0	13,208
All Schools	2009	2.3	3.8	21.8	42.7	29.4	3.9	13,018
All Schools	2010	2.4	3.6	19.9	43.8	30.4	4.0	13,189
All Schools	2011	1.9	3.5	20.3	42.6	31.7	4.0	12,194

*Note: As of 2010 a "Did Not Use" response category was added. These responses are not included in the calculation of the percentages or the means but can be seen in the reduced counts.

**18. Indicate your level of satisfaction with the following:(Scale: 1=Very Dissatisfied to 5=Very Satisfied)
(Continued)**

		Ratings*					Mean	Count
		Very Dissatisfied	Dissatisfied	Neutral	Satisfied	Very Satisfied		
Awareness of student concerns								
All Schools	2007	3.4	7.1	19.1	41.0	29.5	3.9	12,515
All Schools	2008	3.5	7.6	16.9	41.0	30.9	3.9	13,189
All Schools	2009	3.1	5.5	22.1	41.0	28.3	3.9	13,010
All Schools	2010	3.2	5.9	20.4	41.7	28.8	3.9	13,165
All Schools	2011	2.7	5.3	20.5	42.0	29.5	3.9	12,195
Responsiveness to student problems								
All Schools	2007	4.3	8.9	20.0	38.5	28.4	3.8	12,517
All Schools	2008	4.1	8.9	18.4	38.8	29.9	3.8	13,181
All Schools	2009	3.7	6.4	22.7	38.7	28.5	3.8	13,004
All Schools	2010	4.2	7.0	21.0	39.4	28.5	3.8	13,164
All Schools	2011	3.7	6.7	20.9	39.5	29.2	3.8	12,187
Participation of students on key medical school committees								
All Schools	2007	2.2	3.8	21.3	42.0	30.7	4.0	12,514
All Schools	2008	2.0	3.7	19.7	42.6	31.9	4.0	13,181
All Schools	2009	2.4	3.2	23.5	41.3	29.6	3.9	12,978
All Schools	2010	2.3	3.4	21.9	42.2	30.3	3.9	13,159
All Schools	2011	2.0	3.2	21.2	42.1	31.5	4.0	12,160
Student Support								
Personal counseling								
All Schools	2007	2.7	6.9	29.5	34.6	26.3	3.7	12,525
All Schools	2008	2.6	6.6	29.7	36.2	24.8	3.7	13,205
All Schools	2009	2.8	6.0	29.9	38.6	22.7	3.7	13,016
All Schools	2010	4.3	8.6	16.9	37.7	32.6	3.9	7,771
All Schools	2011	4.2	8.3	17.1	35.6	34.7	3.9	7,464
Financial aid administrative services								
All Schools	2007	5.6	9.9	16.8	37.1	30.7	3.8	12,526
All Schools	2008	4.9	9.4	17.2	38.7	29.7	3.8	13,203
All Schools	2009	4.5	7.9	20.8	39.2	27.6	3.8	13,019
All Schools	2010	4.3	7.9	12.6	39.6	35.6	3.9	11,415
All Schools	2011	4.2	7.4	12.7	39.1	36.6	4.0	10,509
Overall educational debt management counseling								
All Schools	2007	5.8	12.6	22.8	35.0	23.9	3.6	12,526
All Schools	2008	5.9	13.1	23.8	35.4	21.8	3.5	13,188
All Schools	2009	5.1	10.6	25.8	37.1	21.4	3.6	12,997
All Schools	2010	5.3	11.3	19.1	38.1	26.2	3.7	10,643
All Schools	2011	4.7	11.0	19.6	37.2	27.5	3.7	9,812
Senior loan exit interview								
All Schools	2007	2.7	4.4	42.9	28.9	21.2	3.6	12,496
All Schools	2008	2.8	4.7	45.2	28.4	18.9	3.6	13,138
All Schools	2009	2.7	4.8	35.7	35.5	21.3	3.7	12,886
All Schools	2010	2.7	5.2	22.2	40.2	29.8	3.9	9,548
All Schools	2011	2.6	4.6	22.6	39.4	30.7	3.9	8,693

*Note: As of 2010 a "Did Not Use" response category was added. These responses are not included in the calculation of the percentages or the means but can be seen in the reduced counts.

18. Indicate your level of satisfaction with the following: (Scale: 1=Very Dissatisfied to 5=Very Satisfied) (Continued)

		Ratings*					Mean	Count
		Very Dissatisfied	Dissatisfied	Neutral	Satisfied	Very Satisfied		
Faculty mentoring								
All Schools	2007	4.6	12.0	18.1	38.7	26.6	3.7	12,526
All Schools	2008	4.2	11.9	17.9	40.3	25.8	3.7	13,173
All Schools	2009	4.5	10.7	22.3	38.4	24.1	3.7	13,010
All Schools	2010	4.1	9.3	16.0	37.5	33.1	3.9	12,171
All Schools	2011	3.5	9.0	15.9	37.8	33.8	3.9	11,252
Career Planning Services								
Career preference assessment activities								
All Schools	2007	5.0	15.7	24.6	39.4	15.3	3.4	12,528
All Schools	2008	4.2	14.8	25.8	40.0	15.3	3.5	13,204
All Schools	2009	5.0	12.6	30.2	38.2	14.1	3.4	13,044
All Schools	2010	4.7	13.2	23.4	40.1	18.7	3.6	10,448
All Schools	2011	4.1	13.0	24.1	39.6	19.2	3.6	9,843
Information about specialties								
All Schools	2007	4.5	14.7	18.2	45.1	17.6	3.6	12,532
All Schools	2008	3.8	14.0	17.8	47.1	17.4	3.6	13,195
All Schools	2009	4.6	11.2	24.1	44.0	16.2	3.6	13,046
All Schools	2010	3.8	10.5	19.2	44.4	22.0	3.7	11,840
All Schools	2011	3.8	11.0	19.2	44.1	22.0	3.7	11,001
Information about alternative medical careers								
All Schools	2007	8.0	24.3	30.4	26.0	11.3	3.1	12,533
All Schools	2008	7.4	23.3	32.5	26.1	10.7	3.1	13,184
All Schools	2009	8.6	20.0	35.0	26.1	10.3	3.1	13,005
All Schools	2010	9.4	23.6	28.1	26.0	13.0	3.1	9,710
All Schools	2011	8.6	23.4	28.5	25.7	13.8	3.1	8,976
Overall satisfaction with career planning services (Note: Data not collected in 2009. Added back to survey in 2010.)								
All Schools	2007	5.5	15.9	22.7	41.0	14.9	3.4	12,529
All Schools	2008	4.7	15.4	23.4	42.2	14.4	3.5	13,149
All Schools	2010	4.5	12.2	23.4	41.8	18.1	3.6	11,708
All Schools	2011	4.4	12.2	24.0	41.1	18.3	3.6	10,870
Student Health/Wellness								
Student Programs/Activities that promote effective stress management, a balanced lifestyle and overall well being (Note: Question new in 2010)								
All Schools	2010	3.7	8.5	21.2	40.9	25.7	3.8	10,868
All Schools	2011	3.3	8.1	20.4	41.1	27.2	3.8	10,234
Student health services								
All Schools	2007	5.7	12.2	18.3	44.5	19.3	3.6	12,526
All Schools	2008	6.0	11.6	18.4	44.5	19.4	3.6	13,195
All Schools	2009	5.0	9.9	23.5	43.0	18.6	3.6	13,035
All Schools	2010	4.3	9.7	14.4	45.6	26.0	3.8	11,495
All Schools	2011	4.0	8.9	14.2	45.6	27.2	3.8	10,553
Student mental health services								
All Schools	2007	3.7	5.1	47.4	28.4	15.3	3.5	12,514
All Schools	2008	3.5	5.0	49.4	27.3	14.7	3.4	13,160
All Schools	2009	3.2	4.9	42.1	32.9	16.9	3.6	12,909
All Schools	2010	4.6	7.0	19.9	40.7	27.8	3.8	5,516
All Schools	2011	4.7	6.6	18.9	39.5	30.3	3.8	5,418

*Note: As of 2010, a "Did Not Use" response category was added. These responses are not included in the calculation of the percentages or the means but can be seen in the reduced counts.

18. Indicate your level of satisfaction with the following: (Scale: 1=Very Dissatisfied to 5=Very Satisfied) (Continued)

		Ratings*					Mean	Count
		Very Dissatisfied	Dissatisfied	Neutral	Satisfied	Very Satisfied		
Student health insurance								
All Schools	2007	14.4	18.3	22.8	32.3	12.2	3.1	12,519
All Schools	2008	14.8	18.6	24.2	31.0	11.4	3.1	13,155
All Schools	2009	12.3	16.3	27.5	31.5	12.4	3.2	12,978
All Schools	2010	13.6	17.9	18.9	33.8	15.8	3.2	10,515
All Schools	2011	12.0	18.1	18.4	34.7	16.8	3.3	9,490
Other Student Services								
Library								
All Schools	2007	2.4	6.0	5.8	48.9	36.9	4.1	12,539
All Schools	2008	2.4	5.3	5.9	48.6	37.7	4.1	13,226
All Schools	2009	2.2	5.2	11.6	47.5	33.5	4.1	13,081
All Schools	2010	1.6	4.6	8.3	44.1	41.4	4.2	12,943
All Schools	2011	1.5	4.8	7.9	43.2	42.6	4.2	11,946
Computer resource center								
All Schools	2007	1.6	4.6	7.0	49.0	37.9	4.2	12,536
All Schools	2008	1.8	4.3	7.5	48.2	38.2	4.2	13,202
All Schools	2009	1.8	4.4	12.4	48.2	33.3	4.1	13,049
All Schools	2010	1.3	3.8	8.8	45.3	40.8	4.2	12,738
All Schools	2011	1.4	4.0	8.7	44.1	41.8	4.2	11,684
Student study space								
All Schools	2007	4.3	12.6	8.1	45.0	30.0	3.8	12,538
All Schools	2008	4.6	12.1	8.1	44.2	31.0	3.8	13,222
All Schools	2009	3.8	10.6	14.4	43.1	28.1	3.8	13,071
All Schools	2010	3.2	9.4	10.7	41.6	35.2	4.0	12,833
All Schools	2011	2.8	8.7	10.3	41.0	37.2	4.0	11,839
Student relaxation space								
All Schools	2007	6.2	15.6	13.9	40.2	24.0	3.6	12,535
All Schools	2008	6.5	15.2	13.9	40.1	24.3	3.6	13,199
All Schools	2009	5.6	13.1	20.7	38.2	22.5	3.6	13,068
All Schools	2010	4.8	12.8	17.0	38.1	27.3	3.7	12,134
All Schools	2011	4.3	12.1	16.6	37.3	29.7	3.8	11,186

*Note: As of 2010, a "Did Not Use" response category was added. These responses are not included in the calculation of the percentages or the means but can be seen in the reduced counts.

**19. Based on your experiences, indicate whether you agree or disagree with the following statements about medicine and the profession:
(Scale: 1=Strongly Disagree to 5=Strongly Agree)**

		Ratings					Mean	Count
		Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree		
I was educated about professional relationships with industry*								
All Schools	2009	2.2	5.5	16.1	44.6	31.6	4.0	13,075
All Schools	2010	3.1	13.2	22.0	46.1	15.6	3.6	13,032
All Schools	2011	3.0	14.2	22.9	46.1	13.8	3.5	12,028

*Note: In 2009 the question wording read: "I was encouraged/challenged to consider my professional relationships with pharmaceutical and other industries."

Diversity

20. Based on your experiences, indicate whether you agree or disagree with the following statements (Scale: 1=Strongly Disagree to 5=Strongly Agree)

		Ratings					Mean	Count
		Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree		
My knowledge or opinion was influenced or changed by becoming more aware of the perspectives of individuals from different backgrounds.								
All Schools	2007	2.5 %	7.1 %	19.6 %	44.0 %	26.9 %	3.9	8,460
All Schools	2008	2.1	6.1	19.0	44.7	28.2	3.9	11,465
All Schools	2009	2.1	5.4	18.1	46.9	27.4	3.9	10,341
All Schools	2010	1.2	4.5	17.9	57.2	19.2	3.9	13,116
All Schools	2011	0.9	4.4	18.7	58.0	18.0	3.9	12,132
The diversity within my medical school class enhanced my training and skills to work with individuals from different backgrounds.								
All Schools	2009	5.6	12.4	22.3	36.0	23.7	3.6	10,361
All Schools	2010	3.9	10.4	22.2	43.8	19.7	3.7	13,132
All Schools	2011	3.3	9.2	22.0	46.1	19.4	3.7	12,134

	All Schools				
	2007	2008	2009	2010	2011
21. Are you planning to become certified in a specialty?					
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Yes	86.3	82.4	89.7	84.7	84.9
No	5.1	6.4	2.9	5.0	4.7
Undecided whether to seek certification in a specialty	8.7	11.1	7.4	10.3	10.4
	<u>100.1</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>
Number of responses	8,427	11,519	10,422	13,192	12,170
21a. Choice of specialty:					
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Allergy and Immunology *	0.3	0.3	0.0	0.2	0.1
Anesthesiology	7.1	8.1	8.4	7.8	7.7
Colon and Rectal Surgery *	0.0	0.2	0.0	0.1	0.0
Dermatology	2.9	2.6	2.8	2.6	2.6
Emergency Medicine	8.4	8.0	8.3	8.4	8.9
Family Medicine	6.1	4.8	6.4	5.6	6.3
General Surgery *	6.0	6.8	7.5	6.7	6.0
Internal Medicine	5.1	16.0	16.0	15.3	15.8
Internal Medicine/Pediatrics **	1.4	0.0	0.0	0.0	1.4
Medical Genetics	0.1	0.1	0.0	0.1	0.0
Neurological Surgery	0.9	1.0	1.3	1.3	1.3
Neurology	2.4	2.9	2.5	2.4	2.8
Obstetrics and Gynecology	5.0	6.7	6.6	6.9	6.4
Ophthalmology	3.0	3.1	2.9	3.0	2.9
Orthopedics *	5.0	5.5	0.0	5.3	5.4
Otolaryngology	2.2	2.4	2.1	2.2	2.0
Pain Medicine *	0.0	0.0	0.0	0.0	0.0
Hospice and Palliative Medicine *	0.0	0.0	0.0	0.1	0.0
Pathology	2.4	2.3	2.5	2.3	1.9
Pediatrics	5.7	9.1	10.1	9.5	10.4
Physical Medicine and Rehabilitation	1.4	1.4	1.2	1.3	1.2
Plastic Surgery	1.2	1.0	0.9	1.1	1.1
Preventive Medicine	0.0	0.1	0.1	0.1	0.1
Psychiatry	4.6	4.4	4.7	4.6	4.4
Radiology	6.8	7.0	6.6	6.7	6.4
Radiation Oncology *	0.0	0.0	0.0	1.1	0.0
Thoracic Surgery *	0.2	0.3	0.0	0.3	0.4
Urology	1.7	2.1	1.7	1.8	1.8
Other	1.0	2.1	6.1	3.0	1.7
	<u>80.9</u>	<u>98.0</u>	<u>99.0</u>	<u>100.0</u>	<u>99.0</u>
Number of responses	7,271	9,345	9,356	11,149	10,278

* In 2008, subspecialties were removed from the GQ. For more information on subspecialty data prior to 2008, please contact GQ@aamc.org.

** The specialty choice Internal Medicine/Pediatrics, uncollected 2008 through 2010, was restored to the survey as of 2011.

	All Schools				
	2007	2008	2009	2010	2011
21b. If you are planning on specializing in Family Medicine, Internal Medicine, or Pediatrics, do you plan on going into a subspecialty in that field?					
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Yes	0.0	0.0	73.0	73.7	70.3
No	0.0	0.0	27.0	26.3	29.7
	0.0	0.0	100.0	100.0	100.0
Number of responses			3,145	3,484	2,414
21c. How confident do you feel about your specialty choice?					
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Not Confident	0.0	0.8	1.1	1.3	0.8
Slightly Confident	0.0	3.3	3.4	3.8	3.3
Moderately Confident	0.0	20.5	20.6	21.8	20.0
Very Confident	0.0	75.4	74.9	73.0	75.9
	0.0	100.0	100.0	100.0	100.0
Number of responses		9,482	9,340	11,170	10,264
21d. Are you planning on seeking fellowship training after residency?					
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Yes	0.0	0.0	58.4	61.0	60.3
No	0.0	0.0	8.6	8.1	8.3
Undecided	0.0	0.0	33.0	30.9	31.4
	0.0	0.0	100.0	100.0	100.0
Number of responses			9,329	11,170	10,255
21e. How satisfied are you with your opportunities during medical school to explore potential career choices?					
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Very Dissatisfied	0.0	3.2	2.0	3.1	2.7
Dissatisfied	0.0	11.2	8.8	11.3	10.8
Neutral	0.0	13.9	13.8	18.6	17.2
Satisfied	0.0	44.4	46.9	44.1	44.8
Very Satisfied	0.0	27.3	28.5	22.9	24.5
	0.0	100.0	100.0	100.0	100.0
Number of responses		9,491	9,347	11,171	10,270
21f. If you could revisit your career choice, would you choose to become a physician again? *					
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
No	0.0	0.0	0.0	1.7	1.5
Probably not	0.0	0.0	0.0	5.8	5.4
Neutral	0.0	0.0	0.0	9.0	8.6
Probably yes	0.0	0.0	0.0	30.3	30.4
Yes	0.0	0.0	0.0	53.2	54.2
	0.0	0.0	0.0	100.0	100.0
Number of responses				11,168	10,267

* Note: Special Topic Question

22. How influential were the following in helping you choose your specialty?(Scale: 0=No Influence to 3=Strong Influence)

		Ratings				Mean	Count
		No Influence	Minor Influence	Moderate Influence	Strong Influence		
Competitiveness of specialty							
All Schools	2007	33.2 %	30.4 %	29.0 %	7.4 %	1.1	7,267
All Schools	2008	38.4	23.8	29.0	8.8	1.1	9,463
All Schools	2009	39.8	29.6	24.3	6.2	1.0	9,297
All Schools	2010	42.2	27.8	23.3	6.6	0.9	11,108
All Schools	2011	35.5	30.1	26.7	7.6	1.1	10,209
Level of educational debt							
All Schools	2007	47.7	26.5	18.1	7.7	0.9	7,264
All Schools	2008	52.4	20.0	18.4	9.2	0.8	9,455
All Schools	2009	54.8	23.3	15.5	6.4	0.7	9,283
All Schools	2010	54.5	22.1	15.9	7.6	0.8	11,109
All Schools	2011	53.9	22.0	16.9	7.2	0.8	10,207
Role model influence							
All Schools	2007	9.0	16.3	33.2	41.5	2.1	7,265
All Schools	2008	10.8	15.8	31.8	41.6	2.0	9,453
All Schools	2009	11.0	13.6	31.8	43.6	2.1	9,294
All Schools	2010	12.0	14.5	29.4	44.1	2.1	11,105
All Schools	2011	10.1	12.6	30.6	46.7	2.1	10,204
Options for fellowship training							
All Schools	2007	13.3	22.0	35.5	29.2	1.8	7,263
All Schools	2008	17.6	19.1	31.7	31.5	1.8	9,457
All Schools	2009	22.4	22.0	32.1	23.5	1.6	9,285
All Schools	2010	26.5	22.0	28.3	23.2	1.5	11,095
All Schools	2011	20.9	19.9	30.3	28.9	1.7	10,201
Income expectations							
All Schools	2007	16.8	32.0	38.7	12.4	1.5	7,265
All Schools	2008	19.1	29.6	37.0	14.3	1.5	9,463
All Schools	2009	26.9	32.7	30.3	10.1	1.2	9,296
All Schools	2010	28.9	32.4	27.8	10.9	1.2	11,111
All Schools	2011	23.4	31.4	32.8	12.4	1.3	10,213
Length of residency training							
All Schools	2007	22.5	37.4	31.5	8.6	1.3	7,265
All Schools	2008	27.3	31.0	30.7	11.0	1.3	9,470
All Schools	2009	29.7	35.6	26.7	7.9	1.1	9,296
All Schools	2010	35.6	33.0	23.3	8.1	1.0	11,114
All Schools	2011	27.5	32.8	29.6	10.1	1.2	10,212
Family expectations							
All Schools	2007	39.9	26.2	22.3	11.5	1.1	7,263
All Schools	2008	33.2	21.6	28.1	17.2	1.3	9,452
All Schools	2009	44.3	23.9	21.0	10.8	1.0	9,292
All Schools	2010	48.2	23.0	18.4	10.4	0.9	11,100
All Schools	2011	45.7	21.9	20.3	12.0	1.0	10,203

22. How influential were the following in helping you choose your specialty? (Scale: 0=No Influence to 3=Strong Influence) (continued):

		Ratings				Mean	Count
		No Influence	Minor Influence	Moderate Influence	Strong Influence		
My future family plans							
All Schools	2009	18.1	21.5	34.7	25.8	1.7	9,293
All Schools	2010	21.3	22.0	30.7	26.0	1.6	11,100
All Schools	2011	18.0	19.4	32.3	30.3	1.7	10,207
Work/Life balance							
All Schools	2009	8.2	17.2	36.7	37.8	2.0	9,303
All Schools	2010	10.2	19.2	33.0	37.6	2.0	11,099
All Schools	2011	6.7	15.3	34.7	43.3	2.1	10,203
Fit with personality, interests, and skills							
All Schools	2008	0.4	2.1	11.8	85.7	2.8	9,468
All Schools	2009	0.8	2.0	14.4	82.8	2.8	9,311
All Schools	2010	1.0	2.3	14.7	82.0	2.8	11,113
All Schools	2011	0.6	1.3	11.4	86.7	2.8	10,206
Content of specialty							
All Schools	2008	0.4	2.2	16.3	81.1	2.8	9,456
All Schools	2009	0.7	2.0	17.1	80.2	2.8	9,307
All Schools	2010	0.9	2.5	17.5	79.2	2.7	11,116
All Schools	2011	0.5	1.7	15.9	81.9	2.8	10,204

23. Indicate your career intention from the different activities listed below:

	All Schools				
	2007	2008	2009	2010	2011
	Percent	Percent	Percent	Percent	Percent
Full-time university faculty: Basic science teaching/research	2.2	2.2	4.3	3.8	3.7
Part-time university faculty: Basic science teaching/research	0.0	0.0	0.7	0.8	0.5
Full-time university faculty: Clinical teaching/research	32.8	32.1	28.3	30.3	32.4
Part-time university faculty: Clinical teaching/research	0.0	0.0	8.1	8.4	7.9
Full-time (non-academic) clinical practice: Solo practice	1.8	1.7	2.0	1.7	1.6
Part-time (non-academic) clinical practice: Solo practice	0.0	0.0	0.2	0.2	0.1
Full-time (non-academic) clinical practice: In partnership with one physician	2.4	2.6	2.0	2.1	1.8
Part-time (non-academic) clinical practice: In partnership with one physician	0.0	0.0	0.2	0.1	0.1
Full-time (non-academic) clinical practice: In a group of 3 or more	26.8	26.1	22.1	20.4	20.0
Part-time (non-academic) clinical practice: In a group of 3 or more	0.0	0.0	2.3	2.0	2.1
Full-time (non-academic) clinical practice: Join a closed panel HMO	0.5	0.6	0.5	0.6	0.6
Part-time (non-academic) clinical practice: Join a closed panel HMO	0.0	0.0	0.1	0.2	0.1
Full-time (non-academic) clinical practice: Salaried, hospital	7.0	7.9	6.8	6.7	8.0
Part-time (non-academic) clinical practice: Salaried, hospital	0.0	0.0	0.6	0.9	0.7
Other: State or federal agency (including Department of Veterans Affairs or military medicine)	1.5	1.7	2.3	2.3	2.0
Other: Medical/healthcare administration, without practice	0.1	0.2	0.1	0.2	0.2
Other: Non-university research scientist	0.0	0.0	0.0	0.0	0.1
Other	3.0	2.8	2.5	2.3	2.5
Undecided	21.9	22.1	16.8	17.2	15.6
	100.0	100.0	100.0	100.0	100.0
Number of responses	8,466	11,473	10,386	13,143	12,104

Subtotals for Career Activity Areas:

	Percent	Percent	Percent	Percent	Percent
Full-time University Faculty	34.9	34.4	32.6	34.0	36.1
Part-time University Faculty	0.0	0.0	8.8	9.1	8.4
Full-time (non-academic) Clinical Practice	38.5	38.8	33.4	31.4	32.0
Part-time (non-academic) Clinical Practice	0.0	0.0	3.5	3.3	3.2
Other	4.7	4.7	4.9	4.9	4.8
Undecided	21.9	22.1	16.8	17.2	15.6
	100.0	100.0	100.0	100.0	100.0
Number of responses	8,466	11,473	10,386	13,143	12,104

24. How exclusively do you expect to be involved in research during your medical career?

	Percent	Percent	Percent	Percent	Percent
Not involved	7.8	8.9	7.5	7.7	8.7
Involved in a limited way	30.1	28.8	27.9	30.6	29.3
Somewhat involved	44.8	44.9	45.7	45.0	44.9
Significantly involved	16.9	17.0	18.4	16.4	16.7
Exclusively	0.4	0.4	0.4	0.4	0.4
	100.0	100.0	100.0	100.0	100.0
Number of responses	8,465	11,480	10,402	13,151	12,118

	All Schools				
	2007	2008	2009	2010	2011
25. Do you plan to locate your practice in an underserved area?					
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Yes	21.2	29.7	29.2	29.6	30.7
No	33.4	26.6	25.1	23.8	23.7
Undecided	45.4	43.8	45.7	46.6	45.6
	100.0	100.0	100.0	100.0	100.0
Number of responses	8,462	11,519	10,410	13,164	12,122

	All Schools				
	Percent	Percent	Percent	Percent	Percent
25a. If Yes, what is the likely location?					
Rural community	36.7	33.2	30.2	32.7	29.9
Inner-city community	53.5	53.8	58.2	54.9	58.2
Other	9.8	13.0	11.6	12.4	11.9
	100.0	100.0	100.0	100.0	100.0
Number of responses	1,795	3,410	3,053	3,923	3,741

		Ratings			Count
		Yes	No	Undecided	
26. Regardless of location, do you plan to care primarily for an underserved population?					
All Schools	2011	27.5 %	31.4%	41.1%	12,115

	All Schools	
	2010	2011
	<u>Percent</u>	<u>Percent</u>
27. Where do you plan to practice?		
Alabama	0.8	0.6
Alaska	0.2	0.3
Arizona	0.7	0.6
Arkansas	0.7	0.3
California	12.4	11.7
Colorado	1.6	1.8
Connecticut	0.5	0.3
Delaware	0.1	0.1
District of Columbia	1.0	1.1
Florida	2.5	2.9
Georgia	1.9	1.7
Hawaii	0.7	0.5
Idaho	0.2	0.3
Illinois	3.4	3.5
Indiana	0.7	0.9
Iowa	0.2	0.4
Kansas	0.6	0.3
Kentucky	0.9	0.8
Louisiana	1.7	1.2
Maine	0.2	0.2
Maryland	1.2	1.2
Massachusetts	2.5	2.4
Michigan	1.9	2.0
Minnesota	1.4	1.6
Mississippi	0.3	0.6
Missouri	1.0	1.0
Montana	0.3	0.3
Nebraska	0.6	0.4

27. Where do you plan to practice? (Continued)

All Schools

	All Schools	
	2010 <u>Percent</u>	2011 <u>Percent</u>
Nevada	0.2	0.2
New Hampshire	0.2	0.2
New Jersey	0.9	0.9
New Mexico	0.4	0.5
New York	7.0	6.7
North Carolina	2.4	2.3
North Dakota	0.2	0.2
Ohio	1.9	2.2
Oklahoma	0.6	0.5
Oregon	1.0	0.9
Pennsylvania	2.1	2.3
Rhode Island	0.2	0.1
South Carolina	0.7	1.0
South Dakota	0.2	0.2
Tennessee	0.9	0.9
Texas	6.0	6.5
Utah	0.7	0.7
Vermont	0.3	0.2
Virginia	1.5	1.3
Washington	1.4	1.5
West Virginia	0.2	0.3
Wisconsin	0.7	1.0
Wyoming	0.2	0.1
Alberta	0.0	0.0
British Columbia	0.0	0.1
Nova Scotia	0.0	0.0
Nunavut	0.0	0.0
Ontario	0.1	0.1
Prince Edward Island	0.0	0.0
Quebec	0.0	0.0
Saskatchewan	0.0	0.0
Yukon Territory	0.0	0.0
American Samoa	0.0	0.0
Guam	0.0	0.0
Northern Mariana Islands	0.0	0.0
Puerto Rico	0.9	0.7
Virgin Islands	0.0	0.0
APO-FPO Americas	0.1	0.1
APO-FPO Europe	0.0	0.0
APO-FPO Pacific	0.0	0.0
US Territories / Possessions	0.1	0.1
Foreign	1.4	1.5
Unknown USA	20.9	21.8
Totally Unknown	6.3	6.0
Unknown Canadian	0.1	0.1
	<u>100.0</u>	<u>100.0</u>
Number of responses	12,860	11,768

* Note: Marshall Islands, Manitoba, New Brunswick, and Newfoundland/Labrador are excluded from the report because no graduates selected these options over the reporting period.

		All Schools				
		2007	2008	2009	2010	2011
28. Did you receive any scholarships, stipends, grants (not loans) for medical school?						
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Yes		58.0	56.4	59.2	58.3	59.0
No		42.0	43.6	40.8	41.7	41.0
		100.0	100.0	100.0	100.0	100.0
Number of responses		8,439	11,490	10,389	13,161	12,117
Scholarship Categories						
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
No scholarships		42.2	46.1	43.4	47.5	49.5
\$ 1 to \$ 24,999		36.9	33.5	33.0	30.5	28.5
\$ 25,000 to \$ 49,999		7.5	7.4	8.2	7.4	7.2
\$ 50,000 to \$ 74,999		4.2	3.4	4.0	3.9	4.0
\$ 75,000 to \$ 99,999		2.1	2.4	2.7	2.5	2.2
\$100,000 to \$124,999		2.8	2.7	2.6	2.7	2.7
\$125,000 to \$149,999		0.9	0.7	0.9	0.7	0.7
\$150,000 to \$174,999		1.4	1.3	1.6	1.2	1.4
\$175,000 to \$199,999		0.3	0.3	0.5	0.4	0.6
\$200,000 or more		1.7	2.2	3.1	3.1	3.1
		100.0	100.0	100.0	100.0	100.0
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
Average scholarship amount of all students		\$35,296	\$21,152	\$25,453	\$25,354	\$24,005
Average scholarship amount of students with scholarships		\$35,296	\$39,275	\$44,955	\$45,886	\$47,561
29. Do you still owe \$1000 or more on your premedical/college educational loans? *						
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Yes		36.2	38.7	38.8	38.3	36.2
No		63.8	61.3	61.2	61.7	63.8
		100.0	100.0	100.0	100.0	100.0
Number of responses		8,442	11,467	10,373	13,164	11,897
Premedical Debt Categories						
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
No debt		63.9	62.1	62.0	62.6	63.8
\$ 1 to \$ 24,999		24.9	22.9	21.9	22.3	22.2
\$ 25,000 to \$ 49,999		7.1	7.6	7.9	7.7	6.9
\$ 50,000 to \$ 74,999		2.2	2.8	3.1	3.3	3.2
\$ 75,000 to \$ 99,999		0.7	1.1	1.2	1.3	1.2
\$100,000 to \$124,999		0.7	1.0	1.3	1.0	1.0
\$125,000 to \$149,999		0.1	0.3	0.4	0.3	0.2
\$150,000 to \$174,999		0.2	0.9	0.8	0.5	0.5
\$175,000 to \$199,999		0.0	0.3	0.3	0.2	0.2
\$200,000 or more		0.2	0.9	1.0	0.8	0.7
		100.0	100.0	100.0	100.0	100.0
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
Average premedical debt of all students		\$8,856	\$13,241	\$14,055	\$11,830	\$10,589
Average premedical debt of indebted students		\$24,519	\$35,531	\$37,806	\$33,935	\$33,119

*Note: prior to 2011, the question text was 'Do you still owe money on your premedical/college educational loans?'

		All Schools				
		2007	2008	2009	2010	2011
30. Do you still owe \$1000 or more on your medical school educational loans? (including loan service commitments) *						
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Yes	86.4	85.1	85.2	84.3	83.9	
No	13.6	14.9	14.8	15.7	16.1	
	100.0	100.0	100.0	100.0	100.0	
Number of responses	8,436	11,449	10,374	13,149	11,649	
Medical School Debt Categories						
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
No debt	13.7	15.2	15.1	16.1	16.1	
\$ 1 to \$ 24,999	3.3	3.0	3.2	3.0	3.3	
\$ 25,000 to \$ 49,999	5.3	4.4	4.9	5.5	5.8	
\$ 50,000 to \$ 74,999	6.0	5.0	5.0	4.7	5.1	
\$ 75,000 to \$ 99,999	7.9	6.6	6.1	5.6	5.5	
\$100,000 to \$124,999	14.7	13.0	11.2	9.9	9.8	
\$125,000 to \$149,999	11.9	9.7	9.1	9.0	7.5	
\$150,000 to \$174,999	16.8	16.9	16.4	16.0	14.5	
\$175,000 to \$199,999	7.8	8.9	9.7	9.2	8.8	
\$200,000 or more	12.6	17.5	19.1	21.1	23.6	
	100.0	100.0	100.0	100.0	100.0	
	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	
Average medical school debt of all students	\$113,458	\$116,804	\$118,427	\$113,701	\$108,285	
Average medical school debt of indebted students	\$131,463	\$141,330	\$143,870	\$147,363	\$149,103	
31. Total Student Debt Categories						
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
No debt	12.4	13.5	13.8	14.3	14.9	
\$ 1 to \$ 24,999	3.3	3.1	3.2	3.3	3.5	
\$ 25,000 to \$ 49,999	5.1	4.5	4.7	5.3	5.8	
\$ 50,000 to \$ 74,999	6.0	4.4	4.6	4.6	4.6	
\$ 75,000 to \$ 99,999	7.2	6.2	5.6	5.1	5.3	
\$100,000 to \$124,999	12.9	10.7	9.7	8.6	8.4	
\$125,000 to \$149,999	12.0	9.5	8.7	8.4	7.5	
\$150,000 to \$174,999	15.9	15.4	14.1	14.1	12.8	
\$175,000 to \$199,999	9.4	9.6	10.6	10.2	9.2	
\$200,000 or more	15.9	23.0	25.0	26.1	28.1	
	100.1	100.0	100.0	100.0	100.0	
	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	
Average total debt of all students	\$122,279	\$129,084	\$131,530	\$124,595	\$117,674	
Average total debt of indebted students	\$138,608	\$154,069	\$157,990	\$158,996	\$160,911	

*Note: prior to 2011, the question text was 'Do you still owe money on your medical school education loans?'

All Schools					
	2007	2008	2009	2010	2011
32. Do you have any non-educational, consumer debt? (This includes car loans, residency search loans, or other consumer debt). Note: Do not include home mortgage debt.					
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Yes	37.2	33.1	33.3	27.3	26.3
No	62.8	66.9	66.7	72.7	73.7
	100.0	100.0	100.0	100.0	100.0
Non-Educational Debt Categories					
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
No debt	62.8	67.1	67.3	73.3	73.7
\$ 1 to \$ 4,999	4.2	26.6	27.6	22.0	23.2
\$ 5,000 to \$ 9,999	3.9	5.0	3.2	3.6	2.4
\$10,000 to \$14,999	5.0	0.6	0.8	0.7	0.4
\$15,000 to \$24,999	7.3	0.2	0.3	0.1	0.1
\$25,000 or more	16.8	0.2	0.2	0.1	0.1
	100.0	100.0	99.0	100.0	100.0
	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
Average non-educational debt of all students	\$10,716	\$5,451	\$5,327	\$3,868	\$2,987
Average non-educational debt of indebted students	\$28,845	\$16,685	\$16,606	\$15,504	\$12,762

33. Do you plan to enter into a loan-forgiveness program? (Note: Question new in 2010)					
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Yes	0.0	0.0	0.0	24.4	27.8
No	0.0	0.0	0.0	75.6	72.2
	0.0	0.0	0.0	100.0	100.0
Number of responses				13,095	12,040

33a. [If "Yes"] Please list the type of loan forgiveness program you plan on participating in					
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Department of Education's Public Service Loan Forgiveness (PSLF)	0.0	0.0	0.0	44.5	47.8
National Health Service Corps	0.0	0.0	0.0	10.7	11.0
Indian Health Service Corps	0.0	0.0	0.0	1.5	0.9
Armed Services (Navy, Army, Air Force)	0.0	0.0	0.0	1.7	1.7
Uniformed Service (CDC, HHS)	0.0	0.0	0.0	0.2	0.3
State loan forgiveness program	0.0	0.0	0.0	14.7	13.4
Hospital program (e.g. sign-on bonus)	0.0	0.0	0.0	14.5	14.8
Private loan forgiveness program	0.0	0.0	0.0	2.5	1.5
Other	0.0	0.0	0.0	9.8	8.7

Mistreatment

In 2011, respondents were presented the following clarification text prior to the mistreatment questions:

Mistreatment either, intentional or unintentional, occurs when behavior shows disrespect for the dignity of others and unreasonably interferes with the learning process:

Examples of mistreatment include sexual harassment; discrimination or harassment based on race, religion, ethnicity, gender, or sexual orientation; humiliation, psychological or physical punishment and the use of grading and other forms of assessment in a punitive manner.

	All Schools				
	2007	2008	2009	2010	2011
34. 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	76.7	78.0	79.1	78.0	88.7
No	23.3	22.0	20.9	22.0	11.3
	100.0	100.0	100.0	100.0	100.0
Number of responses	12,536	13,272	13,103	13,161	12,096
35. Have you personally been mistreated during medical school?					
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Yes	14.7	16.7	17.0	16.9	16.8
No	85.3	83.3	83.0	83.1	83.2
	100.0	100.0	100.0	100.0	100.0
Number of responses	12,532	13,269	13,102	13,155	12,095

35a. For each of the following types of mistreatment, indicate the frequency you experienced personally: (Note: Items 35a through 35f were presented only to those who answered "Yes" to "Have you personally been mistreated during medical school?" Percents reflect only this subset of respondents; N size shown in Count column).

		Ratings				Count
		Never	Once	Occasionally	Frequently	
General Mistreatment						
Been publicly belittled or humiliated?						
All Schools	2007	10.5%	27.7 %	55.6 %	6.1 %	1,846
All Schools	2008	15.3	28.9	50.9	4.9	2,219
All Schools	2009	15.9	29.4	48.9	5.7	2,236
All Schools	2010	13.7	31.0	50.2	5.1	2,226
All Schools	2011	18.3	30.7	46.8	4.2	2,024
Been threatened with physical harm or been physically punished (e.g., hit, slapped, kicked)?						
All Schools	2007	89.3	8.0	2.2	0.5	1,845
All Schools	2008	91.7	6.4	1.5	0.4	2,220
All Schools	2009	91.1	5.8	2.4	0.7	2,235
All Schools	2010	91.8	6.4	1.6	0.2	2,226
All Schools	2011	91.9	6.7	1.2	0.2	2,023
Been required to perform personal services (e.g., shopping, babysitting)?						
All Schools	2007	75.6	10.7	12.1	1.5	1,844
All Schools	2008	74.4	12.6	11.8	1.2	2,215
All Schools	2009	76.8	11.5	10.5	1.3	2,232
All Schools	2010	77.1	10.7	11.2	1.0	2,218
All Schools	2011	82.0	9.0	8.2	0.7	2,019
Sexual Mistreatment						
Been asked to exchange sexual favors for grades or other awards?						
All Schools	2007	98.2	1.1	0.3	0.5	1,846
All Schools	2008	98.6	0.6	0.5	0.3	2,218
All Schools	2009	97.9	0.7	1.0	0.5	2,234
All Schools	2010	99.3	0.3	0.4	0.0	2,221
All Schools	2011	99.3	0.2	0.3	0.1	2,018
Been subjected to unwanted sexual advances by school personnel?						
All Schools	2007	88.8	6.9	3.5	0.8	1,846
All Schools	2008	89.7	5.8	3.8	0.7	2,217
All Schools	2009	89.6	5.9	3.6	0.9	2,235
All Schools	2010	91.4	5.0	3.1	0.5	2,226
All Schools	2011	92.0	4.8	2.7	0.5	2,019

35a. For each of the following types of mistreatment, indicate the frequency you experienced personally: (Note: Items 35a through 35f were presented only to those who answered "Yes" to "Have you personally been mistreated during medical school?" Percents reflect only this subset of respondents; N size shown in Count column). (Continued)

		Ratings				Count
		Never	Once	Occasionally	Frequently	
Been subjected to offensive sexist remarks/names directed at you personally?						
All Schools	2007	76.0	10.4	11.7	2.0	1,843
All Schools	2008	76.9	9.8	12.0	1.4	2,218
All Schools	2009	76.3	9.9	12.0	1.8	2,216
All Schools	2010	80.3	8.3	10.2	1.2	2,208
All Schools	2011	80.2	8.4	10.6	0.8	2,017
Gender Mistreatment						
Been denied opportunities for training or rewards based on your gender?						
All Schools	2007	83.6	6.6	8.5	1.3	1,846
All Schools	2008	81.5	7.1	10.1	1.3	2,216
All Schools	2009	81.5	6.6	10.0	1.9	2,229
All Schools	2010	85.0	6.3	7.4	1.3	2,217
All Schools	2011	87.1	5.3	6.6	0.9	2,014
Received lower evaluations or grades solely because of your gender rather than performance?						
All Schools	2007	81.0	11.6	5.9	1.5	1,843
All Schools	2008	78.8	13.0	6.8	1.4	2,211
All Schools	2009	77.4	11.9	8.4	2.3	2,219
All Schools	2010	80.9	10.9	7.1	1.2	2,202
All Schools	2011	83.5	10.6	5.1	0.9	1,997
Racial/Ethnic Mistreatment						
Been denied opportunities for training or rewards because of your race or ethnicity?*						
All Schools	2007	88.6	3.9	5.1	2.5	1,843
All Schools	2008	89.3	4.0	4.9	1.8	2,209
All Schools	2009	89.0	2.9	6.1	2.0	2,231
All Schools	2010					
All Schools	2011	92.4	2.2	3.9	1.5	2,024
Been subjected to racially or ethnically offensive remarks/names directed at you personally?*						
All Schools	2007	84.5	6.5	6.9	2.0	1,842
All Schools	2008	84.6	7.1	6.8	1.4	2,207
All Schools	2009	84.8	6.9	6.4	1.8	2,219
All Schools	2010					
All Schools	2011	86.8	5.5	6.7	1.0	2,023
Received lower evaluations or grades solely because of your race or ethnicity rather than performance?*						
All Schools	2007	88.3	5.2	4.3	2.2	1,842
All Schools	2008	88.8	4.7	4.7	1.8	2,196
All Schools	2009	89.2	4.4	4.5	2.0	2,200
All Schools	2010					
All Schools	2011	91.8	3.7	3.6	0.9	2,020

* Note: Data not collected in 2010. Added back to survey as of 2011.

35a. For each of the following types of mistreatment, indicate the frequency you experienced personally: (Note: Items 35a through 35f were presented only to those who answered "Yes" to "Have you personally been mistreated during medical school?" Percents reflect only this subset of respondents; N size shown in Count column). (Continued)

		Ratings				Count
		Never	Once	Occasionally	Frequently	
Sexual Orientation Mistreatment						
Been denied opportunities for training or rewards because of your sexual orientation?						
All Schools	2007	97.6	1.0	0.8	0.6	1,844
All Schools	2008	98.1	0.7	0.9	0.3	2,211
All Schools	2009	97.5	0.4	1.6	0.5	2,227
All Schools	2010	98.4	0.6	0.9	0.1	2,217
All Schools	2011	98.9	0.3	0.7	0.1	2,015
Been subjected to offensive remarks/names directed at you personally because of your sexual orientation?						
All Schools	2007	96.7	1.5	1.2	0.7	1,845
All Schools	2008	96.8	1.0	1.7	0.5	2,212
All Schools	2009	96.0	1.3	2.0	0.7	2,226
All Schools	2010	96.8	1.3	1.5	0.4	2,222
All Schools	2011	97.2	1.2	1.2	0.4	2,013
Received lower evaluations or grades solely because of your sexual orientation rather than performance?						
All Schools	2007	97.6	1.0	0.8	0.7	1,843
All Schools	2008	97.8	0.9	0.8	0.5	2,201
All Schools	2009	97.2	0.9	1.3	0.6	2,206
All Schools	2010	98.4	0.7	0.8	0.1	2,217
All Schools	2011	98.9	0.5	0.4	0.2	2,004

All Schools

35b. If you experienced mistreatment during medical school, please identify the source.

	2007	2008	2009	2010	2011
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Preclinical Faculty	11.6	10.1	11.2	9.3	7.1
Clinical Faculty (in classroom)	8.9	8.3	8.5	7.1	6.3
Clinical Faculty (in hospital)	70.3	66.2	65.6	65.5	64.2
Residents/Interns	70.6	66.9	67.9	68.9	64.0
Nurses	42.1	42.6	38.9	41.5	36.7
Other hospital staff (e.g., Pharmacists, custodial)	0.0	0.0	8.3	7.1	7.6
Administrators	13.0	11.8	10.6	9.8	9.6
Students	14.0	15.2	16.0	13.1	14.6
Patients	27.9	29.7	28.2	26.1	26.9

35c. Did you report the incident(s) to a designated faculty member or a member of the medical school administration empowered to handle such complaints?

	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Yes	30.3	33.1	31.9	33.1	31.3
No	69.7	66.9	68.1	66.9	68.7
	100.0	100.0	100.0	100.0	100.0
Number of responses	1,847	2,214	2,230	2,224	2,021

35d. Whom did you tell about your experience(s) of mistreatment?

	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Dean of Students	34.5	33.8	33.2	32.9	30.8
Designated counselor/advocate/ombudsman	19.9	20.5	21.7	20.2	20.2
Other medical school administrator	24.9	26.1	21.9	20.2	21.0
Faculty member	59.2	58.7	52.2	54.5	55.8
Other	15.7	18.8	16.7	20.8	18.6

35e. If you did not report the incident(s), why or why not?

	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Incident(s) did not seem important enough to report	46.8	50.5	49.0	50.6	50.8
Did not know what to do	21.7	19.2	21.8	22.8	18.4
Fear of reprisal	53.0	48.1	54.4	52.4	48.5
Other	19.6	20.3	20.3	18.7	22.8

35f. How satisfied are you with the application of your school's student mistreatment procedures: (Scale: 1=Very Dissatisfied to 5=Very Satisfied) *

	Ratings						Mean	Count
	Very Dissatisfied	Dissatisfied	Neutral	Satisfied	Very Satisfied			
Provided a non-threatening and easily accessible mechanism for the submission and processing of your complaint(s)								
All Schools	2007	11.0 %	17.1 %	41.4 %	21.1 %	9.4 %	3.0	1,839
All Schools	2008	12.1	20.9	42.1	15.3	9.5	2.9	2,202
All Schools	2009	11.2	13.9	44.9	20.6	9.4	3.0	2,193
All Schools	2010	10.2	16.2	42.5	21.6	9.5	3.0	2,178
All Schools	2011	10.9	17.2	30.2	26.8	14.8	3.2	1,394
Objectively determined if further investigation was warranted								
All Schools	2007	10.7	12.7	54.6	15.2	6.8	2.9	1,836
All Schools	2008	9.3	15.4	52.9	13.2	9.3	3.0	2,193
All Schools	2009	10.6	11.4	53.9	16.3	7.9	3.0	2,178
All Schools	2010	10.4	13.3	51.5	17.0	7.9	3.0	2,163
All Schools	2011	12.7	16.7	34.7	22.0	13.9	3.1	1,131

* Note: As of 2011, the response 'N/A' was added. 'N/A' responses are excluded from the calculations and counts.

35f. How satisfied are you with the application of your school's student mistreatment procedures: (Scale: 1=Very Dissatisfied to 5=Very Satisfied)(Continued) *

	Ratings						Mean	Count
	Very Dissatisfied	Dissatisfied	Neutral	Satisfied	Very Satisfied			
Equitably investigated and adjudicated complaint(s)								
All Schools	2007	11.4	13.4	53.8	14.9	6.5	2.9	1,836
All Schools	2008	9.4	13.9	53.7	12.7	10.3	3.0	2,193
All Schools	2009	11.2	11.4	54.4	15.3	7.7	3.0	2,174
All Schools	2010	11.5	13.7	51.1	15.9	7.8	2.9	2,162
All Schools	2011	14.9	16.9	34.0	20.6	13.5	3.0	1,124
Appropriately protected your rights								
All Schools	2007	11.5	12.0	52.5	16.4	7.6	3.0	1,836
All Schools	2008	10.9	17.2	49.5	12.0	10.4	2.9	2,188
All Schools	2009	11.3	11.1	51.6	17.4	8.6	3.0	2,179
All Schools	2010	10.8	13.2	47.4	19.4	9.2	3.0	2,167
All Schools	2011	14.4	14.7	34.0	22.1	14.8	3.1	1,178

36. Have you personally witnessed a student being mistreated during medical school? **

	All Schools				
	2007	2008	2009	2010	2011
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Yes	0.0	0.0	0.0	17.8	19.1
No	0.0	0.0	0.0	82.2	80.9
	0.0	0.0	0.0	100.0	100.0
Number of responses				13,158	12,087

36a. If you witnessed a student being mistreated during medical school, please identify the source? **

	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Preclinical Faculty	0.0	0.0	0.0	9.9	9.1
Clinical Faculty (in classroom)	0.0	0.0	0.0	11.0	9.5
Clinical Faculty (in hospital)	0.0	0.0	0.0	65.6	60.4
Residents/Interns	0.0	0.0	0.0	76.2	69.3
Nurses	0.0	0.0	0.0	46.2	43.2
Other hospital staff (e.g., Pharmacists, custodial)	0.0	0.0	0.0	6.9	7.1
Administrators	0.0	0.0	0.0	10.6	9.7
Students	0.0	0.0	0.0	21.6	20.5
Patients	0.0	0.0	0.0	31.0	31.1

36b. Did you report the incident(s) to a designated faculty member or a member of the medical school administration empowered to handle such complaints? **

	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Yes	0.0	0.0	0.0	11.8	13.1
No	0.0	0.0	0.0	88.2	86.9
	0.0	0.0	0.0	100.0	100.0
Number of responses				2,340	2,302

* Note: As of 2011, the response 'N/A' was added. 'N/A' responses are excluded from the calculations and counts.

** Note: Question added as of 2010 survey.

	All Schools				
	2007	2008	2009	2010	2011
36c. Whom did you tell about your experience(s) with witnessing mistreatment of another student? *					
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Dean of Students	0.0	0.0	0.0	24.3	19.9
Designated counselor/advocate/ombudsman	0.0	0.0	0.0	18.5	18.9
Other medical school administrator	0.0	0.0	0.0	17.4	24.2
Faculty member	0.0	0.0	0.0	55.4	55.3
Other	0.0	0.0	0.0	16.3	16.6
36d. If you did not report the incident(s) of witnessed mistreatment, why or why not? *					
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Incident(s) did not seem important enough to report	0.0	0.0	0.0	47.1	48.9
Did not know what to do	0.0	0.0	0.0	28.2	26.3
Fear of reprisal	0.0	0.0	0.0	31.6	31.0
Asked not to report by subject of mistreatment	0.0	0.0	0.0	13.9	15.8
Other	0.0	0.0	0.0	16.5	15.9

* Note: This question was added as of the 2010 survey

New Questions Added in 2011

37. How useful were the following resources in learning about specialty choice and career planning? (Scale: 0=Did Not Use, 1=Not Useful through 4=Very Useful)

		Ratings					Mean	Count
		Did not use	Not Useful	Somewhat Useful	Moderately Useful	Very Useful		
Advising/Mentoring								
All Schools	2011	6.8 %	9.7 %	25.0%	26.7 %	31.9 %	2.7	10,206
AAMC's Careers in Medicine Web Site								
All Schools	2011	31.1	7.7	28.6	22.6	10.1	1.7	10,174
Specialty Interest Group-sponsored panels and presentations								
All Schools	2011	15.9	6.6	28.0	31.3	18.1	2.3	10,173
School-sponsored Career Planning Workshops and Courses								
All Schools	2011	33.4	11.1	25.6	21.2	8.6	1.6	10,149
Participation in in-house and extramural electives								
All Schools	2011	23.4	4.4	29.5	28.5	14.2	2.1	10,144

38. Have you participated in any required curricular activities where you had the opportunity to learn with students from different health professions?

	All Schools				
	2007	2008	2009	2010	2011
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Yes	0.0	0.0	0.0	0.0	65.6
No	0.0	0.0	0.0	0.0	24.4
Not Sure	0.0	0.0	0.0	0.0	9.9
	0.0	0.0	0.0	0.0	100.0
Number of responses					12,393

38a. [If "Yes"] Which other profession(s) have you had the opportunity to participate or interact in educational activities? Select all that apply. (Note: multiple responses permitted; totals thus exceed 100%).

	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Dentistry	0.0	0.0	0.0	0.0	31.6
Nursing	0.0	0.0	0.0	0.0	79.4
Occupational Therapy	0.0	0.0	0.0	0.0	36.4
Osteopathic Medicine	0.0	0.0	0.0	0.0	30.0
Pharmacy	0.0	0.0	0.0	0.0	79.6
Physical Therapists	0.0	0.0	0.0	0.0	50.0
Physician Assistants	0.0	0.0	0.0	0.0	66.3
Psychology	0.0	0.0	0.0	0.0	27.7
Public Health	0.0	0.0	0.0	0.0	23.1
Social Work	0.0	0.0	0.0	0.0	53.7
Veterinary Medicine	0.0	0.0	0.0	0.0	1.3
Other	0.0	0.0	0.0	0.0	4.3

	All Schools				
	2007	2008	2009	2010	2011
38b. What was the nature of the learning experience(s) with other health professions students? (Select all that apply) *	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Lecture only, basic science	0.0	0.0	0.0	0.0	27.4
Lecture only, clinical subject (i.e., universal precautions, informed consent, advanced cardiac life support (ACLS) certification, population health)	0.0	0.0	0.0	0.0	33.7
Patient-centered case problems (classroom or student setting)	0.0	0.0	0.0	0.0	40.1
Clinical simulations	0.0	0.0	0.0	0.0	26.3
Active engagement with patients (i.e., inpatient or ambulatory based team rotation, longitudinal clinics, practice-based clerkships)	0.0	0.0	0.0	0.0	79.9
Community projects or service learning activities	0.0	0.0	0.0	0.0	24.5
Team Skills Training	0.0	0.0	0.0	0.0	17.8
Other	0.0	0.0	0.0	0.0	2.6

38c. The learning experience with other health professions students helped me gain a better understanding of the roles of other professions in care of patients (Scale: 1=Strongly Disagree to 5=Strongly Agree) **

	Ratings						Mean	Count
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree			
All Schools	2011	4.6 %	3.7 %	14.8%	50.8 %	26.0 %	3.9	8,077

Other Institutional Information

	All Schools				
	2007	2008	2009	2010	2011
Control of medical school:	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Private	36.9	38.3	39.2	40.7	41.4
Public	63.1	61.7	60.8	59.3	58.6
	100.0	100.0	100.0	100.0	100.0
Number of responses	8,472	11,525	10,461	13,905	13,461
Region of medical school:	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Northeast	28.1	28.1	28.4	30.0	29.7
South	30.0	31.8	31.9	31.1	30.9
Central	31.1	27.9	27.5	26.8	28.0
West	10.8	12.2	12.2	12.1	11.4
	100.0	100.0	100.0	100.0	100.0
Number of responses	8,472	11,525	10,461	13,921	13,461

* Note: This question was added as of the 2011 survey, and collects multiple responses via checkbox. Only 'Yes' responses from the root Question 38 are eligible for this question and report calculations.

** Note: This question was added as of the 2011 survey. Only 'Yes' responses from the root Question 38 are eligible for this question and report calculations.