



Tomorrow's Doctors, Tomorrow's Cures

**Association of American Medical Colleges**

**Matriculating Student Questionnaire (MSQ)**

**2009**

**All Schools Summary Report**

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**Note: Some counts may change slightly from year to year as duplicate records were consolidated.**

## Executive Summary 2009 MSQ Notes and Findings

The following *All Schools Summary Report* presents national data from the 2009 AAMC Matriculating Student Questionnaire (MSQ) alongside comparable data from 2008 and 2007. Copies of this report and the survey are publicly available at the MSQ web site: [www.aamc.org/data/msq](http://www.aamc.org/data/msq)

In addition to this *All Schools Summary Report*, each medical school with more than five respondents is issued separately its own MSQ school report. A handful of regional campuses and programs offering specialized medical training under the aegis of an accredited institution are also issued MSQ campus reports. School and campus reports are made available to the schools' authorized MSQ Contacts, who have access via the AAMC web application, MSQ Tools: <https://services.aamc.org/msqtools>

### Response Rates and Administrative Notes

Seventy-eight percent of the nation's 18,390 new medical students in 2009 responded to the 2009 MSQ. Moreover, 98 percent of those logging into the voluntary survey agreed to participate. Of the 14,412 respondents counted herein, 98 percent are 2009 matriculants; the other 2 percent are either those deferring entry to a later year or returning first-years.

Comparing response rates among the 130 schools, there were: 16 schools achieving 100 percent response rate among its matriculants; 30 schools with 90-99 percent response rate; 37 schools with 70-89 percent response rate; 29 schools with 50-69 percent response rate; 13 schools with 25-49 percent response rate; and 5 schools with a response rate below 25 percent.

The 2009 MSQ opened June 1 and closed October 1. On June 15, July 1, July 15, and August 1, MSQ staff sent an informational e-mail to any known accepted 2009 applicant who had not yet completed the survey; as a result, more than half of all eventual responses were collected by July 2. While these e-mails contributed to an increase of 1,200 more respondents over the previous year, principal credit goes to the schools' MSQ Contacts who encouraged students to participate before classes began.

We note four new medical schools that enrolled students for the first time in 2009: The Commonwealth Medical College (Scranton, Penn.); University of Central Florida College of Medicine (Orlando, Fla.); Florida International University Herbert Wertheim College of Medicine (Miami, Fla.); and Texas Tech University Health Sciences Center Paul L. Foster School of Medicine (El Paso, Tex.).

### Content Changes and Significant Findings

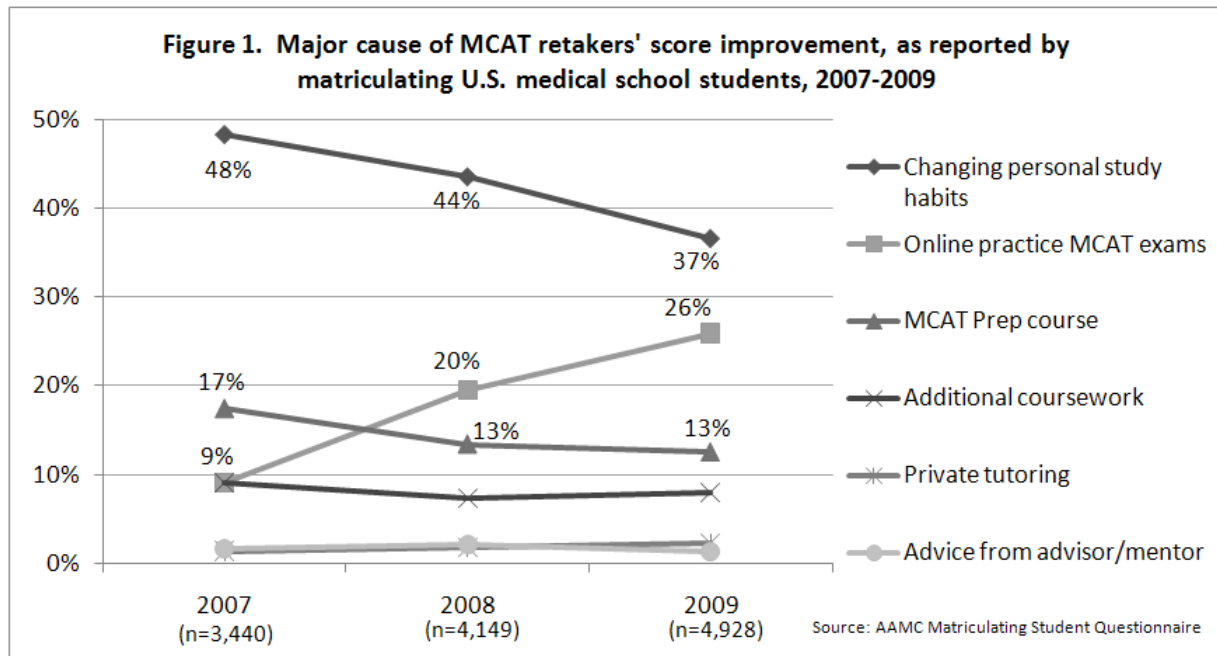
As for survey content, the most significant change in 2009 was the return of the specialty choice question: "*Are you planning to become certified in one of the 25 general specialties listed below?*" followed by the list of general specialties (p. 17, No. 23a). From 2004 to 2006, the most recent year this question was previously posed, the "Undecided" responses increased from 32 to 43 percent, leading us to doubt the validity of the question. For 2009, the same question was restored, but it was prefaced with two explanatory sentences: "*The following question is about your future career in medicine. In order to practice medicine in the U.S., a physician normally must become certified in a specialty. Are you planning to become certified in one of the 25 general specialties listed below?*" The "Undecided" responses in 2009 were just 14 percent.

In 2009, in response to students' comments on the 2008 MSQ, a new option was added for the question, "*How many times did you take the MCAT prior to getting accepted to medical school?*" (p. 6, No. 7). The new option, "None," was selected by more than 350 respondents (2.5%) in 2009. The question now better reflects the fact that some M.D.-granting programs do not require applicants to take the MCAT exam.

Some interesting findings are connected to this question about MCAT behavior, which was introduced to the MSQ in 2007. From 2007 to 2009, the percentage who reported that they took the exam multiple times has grown from 28 percent to 35 percent. It should be noted that the opportunities to take the MCAT exam have dramatically increased during this period, as well: from two administration dates each year in 2006 and prior, to more than twenty administration dates each year since 2007. (Most of the matriculants counted in this report sat for the exam in 2008). Additional study needs to be done to assess the effect of test availability upon MCAT retaking behaviors and scores of applicants.

### Executive Summary (continued)

A follow-up question about MCAT behavior has also been posed to self-reported retakers since 2007: “If your scores improved after retaking the MCAT, what was the major cause of the improvement?” (p.6, No.8). Responses to this question have shown marked changes from 2007 to 2009. The results, displayed in Figure 1 below, suggest that recent applicants accepted into medical school have given less credit to well-known prep courses relative to other factors involved in achieving a better score on the MCAT exam. Instead of prep courses, they have mostly credited “Changing my personal study habits” and, increasingly, their use of computer-based practice exams. The latter is notable, but also understandable, given that in 2007 the MCAT exam was moved from a paper-based to a computer-based delivery system.



#### Report Format Changes

A few changes were made to the 2009 MSQ Report format. Where financial figures are reported, the format has been modified to report the median, rather than the average. Affected response data are those showing matriculants' parent income (p. 21, No. 30), premedical debt (p.22, No. 33), and non-educational debt (p. 23, Nos. 36a, 36b).

#### Providing Feedback

We invite medical schools to provide feedback, so that we may be informed what schools are learning about themselves and their students from their MSQ Reports, document how schools are using MSQ data, and improve the MSQ survey. Anything MSQ-related can be sent to [msq@aamc.org](mailto:msq@aamc.org). Alternatively, you may contact David Matthew, PhD, Senior Research Analyst, Student and Applicant Studies ([dmatthew@aamc.org](mailto:dmatthew@aamc.org)), or Gwen Garrison, PhD, Director of Student and Applicant Studies ([ggarrison@aamc.org](mailto:ggarrison@aamc.org)) at the Association of American Medical Colleges.

**NOTE REGARDING 2008 SURVEY INSTRUMENTS:** Students at five programs took the 2008 MSQ survey on a piloted platform that differed from the one used by students at all other programs. Two survey errors in the piloted survey have affected some data. First, the piloted survey mistakenly prevented respondents from being able to “check all that apply” in response to the Pre-Medical Education question, “Indicate the reason(s) you enrolled in the following courses” (Report Q-10). Affected respondents (N=333) were able to select only one response in each row rather than as many as applied. Second, the piloted survey mistakenly listed three discrete and separately listed Asian race response options-“Filipino,” “Japanese,” and “Korean” (Report Q-3)-as one conflated option: “Filipino Japanese Korean.” Affected respondents totaled 16; in the reports, each selection is accounted to all three categories. The five programs affected were: Florida State University College of Medicine, Meharry Medical College School of Medicine, Morehouse School of Medicine, University of California San Francisco, and University of California San Francisco-University of California Berkeley Joint Medical Program.

		<u>All Schools</u>		
		<u>2007</u>	<u>2008</u>	<u>2009</u>
<b>Total number of students who responded to the questionnaire:</b>		12,325	13,050	14,412
<b>1. Gender:</b>		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	Male	50.4	51.0	51.1
	Female	49.6	49.0	48.9
		<u>100</u>	<u>100</u>	<u>100</u>
	Number of respondents	12,325	13,050	14,412
<b>2. Age at matriculation:</b>		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	Under 20	0.3	0.3	0.2
	20 through 22	46.0	44.2	43.8
	23 through 25	39.7	40.4	41.0
	26 through 28	8.7	9.8	9.6
	Over 28	5.4	5.3	5.3
		<u>100</u>	<u>100</u>	<u>100</u>
	Number of respondents	12,325	13,050	14,409
	Mean age	23.5	23.6	23.6
<b>3. What is your race/ethnicity? Note: Percentages may not sum to 100% as multiple responses are allowed. [Note: see information regarding 2008 survey instruments at end of Executive Summary].</b>		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
	Alaska Native	0.1	0.1	0.1
	American Indian	1.6	1.5	1.3
	Black or African-American	7.5	7.6	7.0
	White	71.3	71.3	70.8
	Other race/ethnicity	2.3	2.4	3.0
	<b>Asian</b>			
	Indian	8.1	8.2	8.0
	Pakistani	1.0	1.0	1.1
	Chinese	7.4	7.0	7.7
	Filipino	1.1	1.4	1.4
	Japanese	1.0	1.3	1.1
	Korean	2.6	2.2	2.6
	Vietnamese	1.6	1.6	1.7
	SE Asian, Non-Vietnamese	0.5	0.4	0.5
	Other Asian	1.9	2.0	1.7
	Asian: [all]	23.5	23.2	24.0
	<b>Pacific Islander</b>			
	Native Hawaiian	0.1	0.2	0.1
	Guamanian or Chamorro	0.1	0.0	0.1
	Samoan	0.1	0.1	0.0
	Other Pacific Islander	0.1	0.1	0.1
	Pacific Islander: [all]	0.3	0.3	0.3
	Number of respondents	11,915	12,540	13,384

All Schools

2007 2008 2009

3. Hispanic / Latino

Note: here only, denominator is all who selected one or more Hispanic/Latino subcategories; percentages may not sum to 100% as multiple responses are allowed.

	Percent	Percent	Percent
Mexican, Mexican American, Chicano/Chicana	35.4	34.2	33.9
Puerto Rican	28.5	28.4	23.5
Cuban	10.7	14.2	12.5
Other Hispanic	30.6	28.7	36.3
Number of respondents: Hispanic	852	969	995

4. When did you definitely decide that you wanted to study medicine?

	Percent	Percent	Percent
Before high school	21.5	20.8	19.4
During high school/before college	27.8	27.6	27.8
During first two years in college	22.8	23.3	24.8
During junior year in college	11.8	11.9	12.0
During senior year in college	4.2	4.3	4.0
After receiving bachelor's degree	9.7	10.1	9.9
After receiving advanced degree	2.0	2.0	2.1
	100	100	100
Number of respondents	12,308	13,036	14,268

5. How did the following factors influence your decision to study medicine rather than to pursue another career? (Scale: Very Positive Influence = 4 to Very Negative Influence = 0)

		Ratings					Mean	Count
		V. Positive Influence	Positive Influence	No Influence Either Way	Negative Influence	V. Negative Influence		
<b>Parent</b>								
All Schools	2009	30.1%	40.7 %	26.0%	2.9 %	0.3%	3.0	14,316
All Schools	2008	27.9	40.9	28.2	2.6	0.3	2.9	13,022
All Schools	2007	27.0	42.1	27.6	2.9	0.3	2.9	12,297
<b>Another relative or friend</b>								
All Schools	2009	20.4%	39.1 %	39.2%	1.2 %	0.2%	2.8	14,249
All Schools	2008	18.6	39.5	40.5	1.2	0.1	2.8	13,000
All Schools	2007	18.6	39.5	40.6	1.1	0.1	2.8	12,276
<b>Physician</b>								
All Schools	2009	26.1%	41.2 %	30.3%	2.2 %	0.2%	2.9	14,272
All Schools	2008	25.6	40.7	31.3	2.2	0.2	2.9	13,009
All Schools	2007	24.1	41.7	31.7	2.2	0.3	2.9	12,289
<b>Professor or teacher</b>								
All Schools	2009	15.1%	37.6 %	44.5%	2.5 %	0.2%	2.6	14,206
All Schools	2008	15.1	38.8	43.4	2.5	0.3	2.7	12,999
All Schools	2007	14.8	38.7	43.5	2.7	0.3	2.7	12,276
<b>Health professionals advisor</b>								
All Schools	2009	8.7%	24.5 %	58.4%	6.7 %	1.6%	2.3	14,238
All Schools	2008	7.2	20.8	64.6	5.7	1.7	2.3	12,993
All Schools	2007	6.6	21.7	64.5	5.6	1.6	2.3	12,270

5. How did the following factors influence your decision to study medicine rather than to pursue another career? (continued)

		Ratings					Mean	Count
		V. Positive Influence	Positive Influence	No Influence Either Way	Negative Influence	V. Negative Influence		
<b>Career/guidance counselor</b>								
All Schools	2009	2.8%	10.4 %	82.8%	3.1 %	0.9%	2.1	14,191
All Schools	2008	4.2	14.7	76.9	3.4	0.8	2.2	12,987
All Schools	2007	4.0	15.2	76.7	3.3	0.9	2.2	12,264
<b>Science course</b>								
All Schools	2009	36.3%	44.5 %	17.0%	1.8 %	0.4%	3.1	14,272
All Schools	2008	33.3	45.5	19.2	1.6	0.3	3.1	13,009
All Schools	2007	33.6	45.0	19.2	2.0	0.2	3.1	12,284
<b>Particular book, article, film, television program</b>								
All Schools	2009	12.8%	39.8 %	46.4%	0.9 %	0.1%	2.6	14,242
All Schools	2008	13.2	35.2	50.4	1.0	0.2	2.6	12,995
All Schools	2007	12.9	36.7	49.4	0.8	0.2	2.6	12,258
<b>Health-related work experience</b>								
All Schools	2009	53.8%	36.2 %	9.5%	0.4 %	0.1%	3.4	14,292
All Schools	2008	50.5	35.6	13.3	0.6	0.1	3.4	13,007
All Schools	2007	51.0	34.8	13.6	0.5	0.1	3.4	12,285
<b>Experience with illness/accident</b>								
All Schools	2009	25.4%	31.4 %	42.5%	0.6 %	0.1%	2.8	14,247
All Schools	2008	23.9	28.6	46.4	0.9	0.2	2.8	12,993
All Schools	2007	23.4	29.6	46.1	0.9	0.1	2.8	12,273
<b>Competitiveness/challenge of medicine</b>								
All Schools	2009	31.9%	46.9 %	15.4%	5.0 %	0.8%	3.0	14,256
All Schools	2008	28.9	46.1	18.4	5.8	0.8	3.0	13,003
All Schools	2007	28.9	46.6	18.5	5.3	0.8	3.0	12,276
<b>Anticipated financial debt</b>								
All Schools	2009	0.3%	1.1 %	47.9%	38.3 %	12.5%	1.4	14,264
All Schools	2008	0.4	1.7	49.1	36.6	12.2	1.4	12,990
All Schools	2007	0.5	1.6	50.9	35.6	11.4	1.4	12,265
<b>Anticipated future salary</b>								
All Schools	2009	5.0%	50.3 %	42.3%	2.1 %	0.4%	2.6	14,241
All Schools	2008	4.7	49.3	43.1	2.4	0.4	2.6	12,999
All Schools	2007	5.2	49.8	42.4	2.2	0.4	2.6	12,273
<b>Anticipated lifestyle (balance between work and other activities)</b>								
All Schools	2009	4.3%	31.4 %	31.2%	30.9 %	2.2%	2.0	14,280
All Schools	2008	4.7	30.2	32.7	30.4	2.1	2.1	12,999
All Schools	2007	4.8	31.1	32.2	29.8	2.2	2.1	12,274

<b>All Schools</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>6. If you had not been accepted into a U.S. medical school, what other option would you most likely have chosen?</b>			
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Other medical training school in the U.S. (e.g., dentistry, osteopathic, veterinary, nursing, physician's assistant, chiropractor)	27.9	28.6	29.0
Allopathic medical training outside the U.S. (off-shore or foreign)	9.1	9.7	9.1
Graduate degree (Master's, Ph.D.) in science, technology, or math	32.0	32.6	31.5
Professional degree (e.g., law, M.B.A., teaching, higher ed, public admin)	12.3	10.9	9.7
Graduate degree in social sciences (psychology, sociology, etc.)	3.9	3.5	3.6
Graduate degree in other humanities (history, English, etc.)	2.2	1.9	1.6
Other	12.6	12.9	15.6
	<u>100</u>	<u>100</u>	<u>100</u>
Number of respondents	12,220	12,967	14,017
<b>7. How many times did you take the MCAT prior to getting accepted into medical school?</b>			
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Once	71.7	68.0	62.7
Twice	22.3	25.1	27.1
Three or more times	6.0	6.9	7.6
None	n/a	n/a	2.5
	<u>100</u>	<u>100</u>	<u>100</u>
Number of respondents	12,225	12,988	14,312
<b>8. If your scores improved after retaking the MCAT, what was the major cause of the improvement?</b>			
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Taking online MCAT practice exams	9.0	19.5	25.9
Taking an MCAT preparation course	17.4	13.4	12.5
Taking additional course work	9.0	7.3	7.9
Private tutoring	1.4	1.8	2.3
Changing my personal study habits	48.3	43.5	36.5
Getting specific advice from a health advisor or other mentor	1.7	2.1	1.3
My scores did not improve	13.2	12.4	13.5
	<u>100</u>	<u>100</u>	<u>100</u>
Number of respondents	3,440	4,149	4,928
<b>9. In exploring your career in the medical profession, did you use any career exploration tools?</b>			
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Yes	18.2	18.1	17.2
No	81.8	81.9	82.8
	<u>100</u>	<u>100</u>	<u>100</u>
Number of respondents	12,299	13,028	14,300

10. Indicate the reason(s) you enrolled in the following courses. Note: The figures below are percentages. The divisor in computing percentages is the count of students who responded for the particular course. Percentages may not sum to 100% due to multiple responses. [Note: see information regarding 2008 survey instruments at end of Executive Summary]

		Reasons					Count
		Did Not Take Course	Personal Interest/Other	MCAT Preparation	Medical School Requirement	Undergraduate Requirement	
<b>Biology, Introductory Level</b>							
All Schools	2009	4.1%	42.5 %	34.6%	69.6 %	66.1%	14,233
All Schools	2008	3.9	39.4	31.8	66.4	64.7	13,018
All Schools	2007	3.9	41.1	34.8	66.9	65.0	12,302
<b>Biology, Advanced Level</b>							
All Schools	2009	8.6%	53.8 %	30.1%	48.1 %	59.3%	14,178
All Schools	2008	8.4	49.7	28.3	46.7	58.8	13,006
All Schools	2007	8.8	51.5	31.0	46.9	58.2	12,288
<b>General Chemistry, Introductory Level</b>							
All Schools	2009	3.2%	27.7 %	36.0%	71.2 %	68.6%	14,207
All Schools	2008	3.0	25.6	33.0	67.1	67.8	13,014
All Schools	2007	3.3	26.6	35.8	67.8	67.7	12,297
<b>General Chemistry, Advanced Level</b>							
All Schools	2009	30.1%	23.2 %	22.7%	43.0 %	48.3%	14,025
All Schools	2008	29.1	21.4	21.2	41.7	48.5	12,990
All Schools	2007	29.2	22.0	23.5	42.3	48.2	12,255
<b>Organic Chemistry, Introductory Level</b>							
All Schools	2009	1.4%	26.3 %	39.3%	77.6 %	62.8%	14,199
All Schools	2008	1.4	23.8	35.7	73.6	62.3	13,009
All Schools	2007	1.6	24.4	38.8	74.2	62.0	12,296
<b>Organic Chemistry, Advanced Level</b>							
All Schools	2009	35.9%	19.6 %	22.4%	44.5 %	39.1%	13,948
All Schools	2008	34.8	18.2	20.7	43.0	39.8	12,970
All Schools	2007	35.5	18.5	22.6	42.6	39.9	12,244
<b>Physics, Introductory Level</b>							
All Schools	2009	1.7%	23.7 %	38.7%	74.4 %	64.5%	14,196
All Schools	2008	1.9	21.7	35.5	70.2	64.3	13,009
All Schools	2007	2.0	21.8	38.2	71.3	63.6	12,300
<b>Physics, Advanced Level</b>							
All Schools	2009	44.7%	14.7 %	18.4%	36.2 %	34.8%	13,778
All Schools	2008	43.3	35.2	17.2	34.8	14.7	12,952
All Schools	2007	43.9	35.5	18.4	35.2	13.9	12,220
<b>Biochemistry</b>							
All Schools	2009	16.5%	44.6 %	24.4%	34.3 %	47.3%	14,209
All Schools	2008	16.5	40.8	22.2	31.6	46.8	13,008
All Schools	2007	17.2	41.2	23.6	32.0	46.5	12,292
<b>Genetics</b>							
All Schools	2009	26.9%	38.9 %	21.4%	21.1 %	49.2%	14,142
All Schools	2008	27.4	36.0	19.2	19.5	48.4	12,982
All Schools	2007	27.5	37.4	21.6	19.9	48.3	12,273
<b>Physiology</b>							
All Schools	2009	35.5%	44.2 %	21.3%	13.4 %	33.1%	14,038
All Schools	2008	37.0	40.7	19.3	12.0	32.4	12,982
All Schools	2007	38.0	40.7	20.6	12.2	32.0	12,261
<b>Zoology</b>							
All Schools	2009	82.8%	8.5 %	2.3%	3.0 %	11.6%	13,733
All Schools	2008	82.0	8.2	2.4	3.2	11.8	12,917
All Schools	2007	81.2	8.6	2.9	3.6	12.7	12,206

10. Indicate the reason(s) you enrolled in the following courses. Note: The figures below are percentages. The divisor in computing percentages is the count of students who responded for the particular course. Percentages may not sum to 100% due to multiple responses. [Note: see information regarding 2008 survey instruments at end of Executive Summary].  
(Continued)

		Reasons					Count
		Did Not Take Course	Personal Interest/Other	MCAT Preparation	Medical School Requirement	Undergraduate Requirement	
<b>Calculus</b>							
All Schools	2009	7.9%	30.0 %	4.5%	36.8 %	68.8%	14,157
All Schools	2008	8.1	28.0	4.1	33.7	67.5	12,993
All Schools	2007	7.6	28.5	4.6	34.3	68.1	12,281
<b>Statistics</b>							
All Schools	2009	30.4%	25.0 %	1.9%	15.7 %	48.8%	13,998
All Schools	2008	32.9	22.8	2.1	13.4	47.3	12,972
All Schools	2007	35.9	22.1	1.9	11.6	45.5	12,254
<b>Psychology</b>							
All Schools	2009	28.9%	53.1 %	1.0%	6.1 %	34.0%	14,031
All Schools	2008	29.1	50.4	1.0	6.6	34.1	12,972
All Schools	2007	28.5	51.2	1.2	6.8	34.5	12,255
<b>Social Sciences, Other Than Psychology</b>							
All Schools	2009	10.8%	65.9 %	1.0%	6.1 %	49.2%	14,061
All Schools	2008	11.2	62.4	1.1	6.2	48.4	12,985
All Schools	2007	10.3	64.5	1.1	6.4	49.1	12,265
<b>English Composition/Writing</b>							
All Schools	2009	6.9%	29.4 %	5.6%	31.7 %	80.3%	14,195
All Schools	2008	7.5	28.2	5.5	27.6	78.6	13,003
All Schools	2007	7.3	28.2	5.4	28.5	79.2	12,288
<b>English Literature</b>							
All Schools	2009	20.9%	33.5 %	3.0%	19.8 %	59.3%	14,080
All Schools	2008	20.5	32.3	2.7	17.2	58.7	12,982
All Schools	2007	19.9	32.9	2.8	17.9	59.5	12,260
<b>Humanities, Other Than English</b>							
All Schools	2009	4.2%	63.5 %	1.6%	8.5 %	63.7%	14,157
All Schools	2008	4.5	61.2	1.7	7.6	62.5	12,990
All Schools	2007	4.4	61.9	1.5	8.2	63.3	12,278

**All Schools**

**2007      2008      2009**

11. Indicate any programs you participated in to prepare for a career in medicine or science.

	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Magnet science/health science high school	7.1	7.3	7.2
Summer laboratory research apprenticeship for high school students	12.0	11.6	12.1
Classroom-based summer, after-school, or Saturday program for high school students	7.4	7.3	8.0
Laboratory research apprenticeship for college students	54.0	54.7	57.1
Summer academic enrichment program for college students	13.1	12.9	13.0
MCAT preparation course	69.6	68.5	67.9
Non-degree post baccalaureate program to strengthen academic skills	n/a	n/a	6.0
Non-degree post baccalaureate program to complete premedical requirements	9.2	8.3	8.3
Volunteered or worked in the healthcare field	92.1	91.5	93.3

12. Before coming to medical school, how much interaction did you have with people in each of the following groups? (Scale: None = 0, Substantial = 3)

		Ratings				Mean	Count
		None	Little	Some	Substantial		
<b>Asians</b>							
All Schools	2009	1.2%	12.1%	31.4%	55.3%	2.4	14,150
All Schools	2008	1.6	12.9	31.7	53.9	2.4	12,994
All Schools	2007	1.3	13.2	31.6	53.9	2.4	12,277
<b>Blacks/African-Americans</b>							
All Schools	2009	1.0%	17.6%	41.6%	39.8%	2.2	14,156
All Schools	2008	1.3	17.5	41.7	39.4	2.2	12,995
All Schools	2007	1.1	18.2	41.7	39.0	2.2	12,279
<b>Native Americans/American Indians</b>							
All Schools	2009	30.2%	48.0%	16.3%	5.5%	1.0	14,156
All Schools	2008	29.1	45.8	18.3	6.8	1.0	12,991
All Schools	2007	29.6	46.0	17.6	6.7	1.0	12,278
<b>Hispanics/Latinos</b>							
All Schools	2009	2.0%	19.4%	36.6%	42.0%	2.2	14,177
All Schools	2008	2.5	19.9	35.5	42.2	2.2	12,996
All Schools	2007	2.4	20.5	35.5	41.7	2.2	12,280
<b>Whites/Caucasians</b>							
All Schools	2009	0.1%	0.6%	5.1%	94.2%	2.9	14,162
All Schools	2008	0.2	0.7	6.2	92.9	2.9	12,997
All Schools	2007	0.1	0.6	5.9	93.4	2.9	12,280
<b>People with different religious beliefs</b>							
All Schools	2009	0.2%	4.2%	25.5%	70.2%	2.7	14,153
All Schools	2008	0.3	4.2	25.5	70.0	2.7	12,996
All Schools	2007	0.3	3.9	25.0	70.7	2.7	12,279
<b>Gay, lesbian, or bisexual individuals</b>							
All Schools	2009	2.8%	21.1%	39.8%	36.3%	2.1	14,168
All Schools	2008	3.6	23.4	39.7	33.3	2.0	12,994
All Schools	2007	3.9	24.4	39.3	32.3	2.0	12,278
<b>Individuals with disabilities</b>							
All Schools	2009	3.4%	33.0%	42.3%	21.3%	1.8	14,164
All Schools	2008	4.0	35.1	41.1	19.8	1.8	12,994
All Schools	2007	4.2	36.0	40.7	19.1	1.7	12,277

**12b Please describe the racial/ethnic composition of the following:**

		Ratings					Mean	Count
		Nearly All Minorities	Mostly Minorities	50-50	Mostly White	Nearly All White		
<b>Neighborhood where you grew up</b>								
All Schools	2009	6.9%	6.3 %	13.6%	39.9 %	33.3%	3.9	13,794
All Schools	2008	7.5	6.4	13.7	37.7	34.7	3.9	12,951
All Schools	2007	6.9	6.4	13.7	37.1	35.9	3.9	12,227
<b>College from which you graduated</b>								
All Schools	2009	2.4%	5.1 %	30.8%	52.6 %	9.1%	3.6	13,707
All Schools	2008	2.8	5.0	31.0	51.0	10.2	3.6	12,951
All Schools	2007	2.7	4.7	30.1	51.4	11.2	3.6	12,221
<b>Your friends in college</b>								
All Schools	2009	4.8%	13.2 %	32.0%	40.0 %	10.0%	3.4	13,685
All Schools	2008	5.4	12.7	31.9	39.4	10.5	3.4	12,940
All Schools	2007	4.8	12.3	32.4	39.1	11.4	3.4	12,216

**13. Based on your undergraduate experiences, indicate whether you agree or disagree with the following statements.  
(Scale: 4 = Strongly Agree to 0 = Strongly Disagree)**

		Ratings					Mean	Count
		Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree		
<b>The perspectives of individuals from racial and ethnic groups different than my own were often brought into my undergraduate coursework.</b>								
All Schools	2009	25.7 %	45.0 %	17.7 %	9.9 %	1.7 %	2.8	14,154
All Schools	2008	23.9	43.9	19.3	10.9	2.1	2.8	13,003
All Schools	2007	25.7	44.6	19.1	10.2	0.4	2.9	12,325
<b>My knowledge or opinions of others were influenced or changed by becoming aware of different perspectives.</b>								
All Schools	2009	36.7 %	48.9 %	11.3 %	2.2 %	0.8 %	3.2	14,142
All Schools	2008	32.6	50.7	13.7	2.1	0.9	3.1	13,002
All Schools	2007	33.0	54.6	7.3	3.8	1.4	3.1	12,325

**14. In choosing the medical school you now (or will) attend, what were the key positive and negative factors you weighed?  
(Scale: 4 = Very Positive Factor to 0 = Very Negative Factor)**

		Ratings					Mean	Count
		V. Positive Factor	Positive Factor	Not a Factor Either Way	Negative Factor	V. Negative Factor		
<b>Premedical Experiences</b>								
<b>Advice of premedical advisor</b>								
All Schools	2009	8.2 %	24.4 %	63.4 %	2.8 %	1.2 %	2.4	14,093
All Schools	2008	10.6	25.8	59.2	3.0	1.4	2.4	12,989
All Schools	2007	10.5	26.5	58.7	3.1	1.3	2.4	12,268
<b>Advice of parents</b>								
All Schools	2009	20.2 %	46.3 %	31.7 %	1.7 %	0.1 %	2.8	14,099
All Schools	2008	20.4	44.9	32.7	1.9	0.2	2.8	12,990
All Schools	2007	20.3	45.7	31.8	2.0	0.2	2.8	12,273

14. In choosing the medical school you now attend, what were the key positive and negative factors you weighed? (Continued)

		Ratings					Mean	Count
		V. Positive Factor	Positive Factor	Not a Factor Either Way	Negative Factor	V. Negative Factor		
<b>Premedical Experiences</b>								
Advice of medical school graduate								
All Schools	2009	19.8 %	43.2 %	36.3 %	0.6 %	0.1 %	2.8	14,081
All Schools	2008	19.6	41.6	37.9	0.9	0.1	2.8	12,986
All Schools	2007	19.0	41.6	38.4	0.9	0.1	2.8	12,268
Advice of hometown physician								
All Schools	2009	9.9 %	23.9 %	65.2 %	0.9 %	0.1 %	2.4	14,057
All Schools	2008	11.0	23.2	64.8	0.9	0.1	2.4	12,985
All Schools	2007	10.6	23.6	64.7	1.0	0.1	2.4	12,261
Advice of career/guidance counselor								
All Schools	2009	2.8 %	10.2 %	85.8 %	0.9 %	0.4 %	2.1	14,014
All Schools	2008	3.6	12.7	82.2	1.0	0.5	2.2	12,972
All Schools	2007	3.3	12.7	82.5	1.0	0.4	2.2	12,244
General reputation of school								
All Schools	2009	42.9 %	48.7 %	6.6 %	1.6 %	0.1 %	3.3	14,106
All Schools	2008	38.3	50.7	9.5	1.5	0.1	3.3	12,989
All Schools	2007	37.2	51.7	9.3	1.7	0.1	3.2	12,273
Research reputation of school								
All Schools	2009	21.4 %	37.4 %	38.0 %	3.0 %	0.2 %	2.8	14,075
All Schools	2008	19.6	36.1	40.9	3.0	0.3	2.7	12,982
All Schools	2007	18.4	35.8	42.3	3.1	0.4	2.7	12,265
<b>Application &amp; Interviews</b>								
Interviews/meetings with faculty								
All Schools	2009	45.6 %	41.7 %	11.4 %	1.3 %	0.1 %	3.3	14,091
All Schools	2008	43.4	44.4	10.0	2.0	0.2	3.3	12,991
All Schools	2007	42.7	44.9	10.1	2.0	0.2	3.3	12,269
Interviews/meetings with administrators								
All Schools	2009	35.2 %	38.5 %	24.9 %	1.2 %	0.1 %	3.1	14,059
All Schools	2008	35.3	42.5	20.5	1.5	0.2	3.1	12,985
All Schools	2007	35.7	41.9	20.6	1.6	0.2	3.1	12,260
Interviews/meetings with students								
All Schools	2009	50.2 %	38.7 %	10.0 %	1.1 %	0.1 %	3.4	14,076
All Schools	2008	46.5	41.7	10.4	1.4	0.1	3.3	12,989
All Schools	2007	46.2	41.4	10.6	1.7	0.1	3.3	12,266

14. In choosing the medical school you now attend, what were the key positive and negative factors you weighed? (Continued)

		Ratings					Mean	Count
		V. Positive Factor	Positive Factor	Not a Factor Either Way	Negative Factor	V. Negative Factor		
<b>Application &amp; Interviews</b>								
Geographic location of medical school								
All Schools	2009	49.1 %	30.9 %	8.6 %	9.8 %	1.7 %	3.2	14,113
All Schools	2008	45.1	33.1	9.6	10.3	1.9	3.1	12,993
All Schools	2007	44.2	33.3	9.5	11.2	1.8	3.1	12,264
Financial considerations/cost of attending								
All Schools	2009	32.1 %	21.7 %	21.9 %	19.0 %	5.3 %	2.6	14,109
All Schools	2008	30.0	22.4	23.5	18.7	5.3	2.5	12,986
All Schools	2007	30.2	22.0	24.1	18.0	5.7	2.5	12,263
Amount of financial support offered								
All Schools	2009	17.6 %	23.7 %	44.1 %	11.4 %	3.2 %	2.4	14,078
All Schools	2008	17.6	22.4	44.6	11.9	3.5	2.4	12,984
All Schools	2007	16.9	22.4	46.1	10.9	3.7	2.4	12,254
Programs for minority and/or disadvantaged students								
All Schools	2009	6.1 %	9.7 %	82.7 %	1.0 %	0.5 %	2.2	14,078
All Schools	2008	6.7	10.4	81.3	1.3	0.4	2.2	12,980
All Schools	2007	5.9	10.1	82.2	1.4	0.5	2.2	12,254
<b>School's Medical Education Program</b>								
School's teaching methods/curricula								
All Schools	2009	37.4 %	48.6 %	11.9 %	1.9 %	0.1 %	3.2	14,051
All Schools	2008	34.6	48.3	14.6	2.5	0.1	3.1	12,988
All Schools	2007	34.6	48.4	14.4	2.4	0.2	3.1	12,261
Program of elective courses								
All Schools	2009	18.8 %	42.8 %	37.3 %	1.0 %	0.1 %	2.8	14,007
All Schools	2008	18.8	40.6	39.4	1.2	0.0	2.8	12,981
All Schools	2007	19.1	40.4	39.4	1.1	0.0	2.8	12,253
Medical ethics/medical humanities emphasis								
All Schools	2009	17.5 %	37.0 %	44.7 %	0.8 %	0.1 %	2.7	13,975
All Schools	2008	17.5	36.5	45.3	0.6	0.1	2.7	12,973
All Schools	2007	18.2	35.6	45.2	0.9	0.1	2.7	12,253
Combined baccalaureate-M.D. program								
All Schools	2009	4.2 %	3.4 %	91.6 %	0.5 %	0.2 %	2.1	14,007
All Schools	2008	4.6	4.2	90.7	0.4	0.2	2.1	12,975
All Schools	2007	4.6	3.8	91.0	0.6	0.1	2.1	12,245
Medical scientist (M.D./Ph.D.) program								
All Schools	2009	4.6 %	5.7 %	89.2 %	0.4 %	0.1 %	2.1	13,957
All Schools	2008	4.9	6.3	88.5	0.2	0.1	2.2	12,974
All Schools	2007	5.1	5.9	88.6	0.3	0.1	2.2	12,249

14. In choosing the medical school you now attend, what were the key positive and negative factors you weighed? (Continued)

		Ratings					Mean	Count
		V. Positive Factor	Positive Factor	Not a Factor Either Way	Negative Factor	V. Negative Factor		
<b>School's Medical Education Program</b>								
Other Dual Degree opportunity such as M.P.H., M.P.A., J.D. or M.B.A.								
All Schools	2009	8.0 %	18.4 %	72.0 %	1.5 %	0.1 %	2.3	14,017
All Schools	2008	7.0	16.6	74.9	1.3	0.2	2.3	12,972
All Schools	2007	6.5	16.1	75.9	1.3	0.2	2.3	12,247
Research experience/opportunity								
All Schools	2009	20.8 %	44.3 %	33.5 %	1.4 %	0.1 %	2.8	14,022
All Schools	2008	18.7	41.3	38.5	1.3	0.1	2.8	12,979
All Schools	2007	17.2	40.5	40.6	1.6	0.1	2.7	12,256
Rural medicine experience/opportunity								
All Schools	2009	9.8 %	23.5 %	65.3 %	1.3 %	0.1 %	2.4	13,975
All Schools	2008	9.4	22.4	66.7	1.3	0.1	2.4	12,972
All Schools	2007	8.4	22.9	67.2	1.4	0.1	2.4	12,237
Community-based experience/opportunity								
All Schools	2009	26.0 %	44.7 %	28.8 %	0.5 %	0.0 %	3.0	14,029
All Schools	2008	24.3	43.2	32.1	0.4	0.0	2.9	12,979
All Schools	2007	22.4	43.3	33.8	0.4	0.0	2.9	12,246
Family medicine experience/opportunity								
All Schools	2009	13.8 %	34.3 %	51.3 %	0.6 %	0.1 %	2.6	14,005
All Schools	2008	13.8	31.7	53.8	0.6	0.0	2.6	12,968
All Schools	2007	12.7	31.9	54.7	0.7	0.0	2.6	12,240
<b>Other Educational Factors</b>								
Desire to attend school within my home state								
All Schools	2009	36.9 %	20.1 %	33.4 %	7.7 %	1.8 %	2.8	14,038
All Schools	2008	36.4	20.1	34.2	7.4	1.9	2.8	12,981
All Schools	2007	36.1	20.3	34.3	7.3	2.1	2.8	12,256
Diversity of the student body								
All Schools	2009	16.8 %	39.9 %	39.7 %	3.3 %	0.3 %	2.7	14,032
All Schools	2008	17.1	39.2	39.8	3.5	0.5	2.7	12,985
All Schools	2007	16.5	39.5	39.9	3.6	0.5	2.7	12,243
Diversity of the faculty								
All Schools	2009	12.7 %	34.3 %	51.7 %	1.2 %	0.1 %	2.6	13,982
All Schools	2008	12.9	34.5	51.1	1.3	0.2	2.6	12,977
All Schools	2007	12.3	34.4	51.7	1.5	0.2	2.6	12,241
Faculty mentorship at medical school								
All Schools	2009	27.4 %	43.0 %	29.4 %	0.3 %	0.0 %	3.0	14,000
All Schools	2008	25.2	43.3	31.1	0.3	0.0	2.9	12,969
All Schools	2007	24.4	42.3	33.0	0.3	0.0	2.9	12,244

14. In choosing the medical school you now attend, what were the key positive and negative factors you weighed? (Continued)

		Ratings					Mean	Count
		V. Positive Factor	Positive Factor	Not a Factor Either Way	Negative Factor	V. Negative Factor		
<b>Other Educational Factors</b>								
Ability of school to place students in particular residency programs								
All Schools	2009	33.6 %	43.2 %	21.6 %	1.4 %	0.1 %	3.1	14,018
All Schools	2008	31.9	43.5	23.2	1.3	0.1	3.1	12,977
All Schools	2007	31.7	44.2	22.6	1.4	0.1	3.1	12,249

15. For each of the following persons, please rate how helpful their advice was regarding the medical school application process. (Scale: 3 = Very Helpful to 0 = Unhelpful or Misleading)

		Ratings				Mean	Count
		Very Helpful	Somewhat Helpful	Neither Helpful Nor Unhelpful, Or I Did Not Seek Their Advice	Gave Unhelpful, Confusing, Or Misleading Advice		
<b>Premedical advisor</b>							
All Schools	2009	30.6 %	30.9 %	26.5 %	12.0 %	1.8	14,015
All Schools	2008	29.1	30.6	27.8	12.6	1.8	12,980
All Schools	2007	29.5	30.4	27.5	12.5	1.8	12,264
<b>Faculty member</b>							
All Schools	2009	23.0 %	38.7 %	37.1 %	1.2 %	1.8	13,985
All Schools	2008	23.9	38.7	36.1	1.3	1.9	12,968
All Schools	2007	23.5	38.8	36.4	1.4	1.8	12,255
<b>Physician</b>							
All Schools	2009	26.5 %	37.5 %	35.4 %	0.6 %	1.9	13,990
All Schools	2008	26.4	36.3	36.5	0.9	1.9	12,972
All Schools	2007	25.4	35.8	38.1	0.7	1.9	12,253
<b>Family member</b>							
All Schools	2009	28.1 %	37.0 %	33.4 %	1.5 %	1.9	13,980
All Schools	2008	28.8	36.5	33.1	1.6	1.9	12,967
All Schools	2007	28.4	36.9	33.3	1.4	1.9	12,250
<b>Another student or medical student</b>							
All Schools	2009	52.1 %	37.8 %	9.7 %	0.4 %	2.4	13,975
All Schools	2008	48.2	39.2	12.0	0.6	2.4	12,976
All Schools	2007	48.0	39.4	12.0	0.6	2.3	12,256
<b>Career/guidance counselor</b>							
All Schools	2009	3.9 %	11.9 %	81.1 %	3.1 %	1.2	13,958
All Schools	2008	5.7	16.4	73.8	4.2	1.2	12,953
All Schools	2007	5.4	15.9	75.2	3.6	1.2	12,230
<b>Medical school admissions official</b>							
All Schools	2009	21.4 %	35.7 %	41.8 %	1.1 %	1.8	13,971
All Schools	2008	20.2	35.0	43.7	1.2	1.7	12,969
All Schools	2007	19.2	35.1	44.3	1.4	1.7	12,251

All Schools

2007 2008 2009

**16. Referring only to the medical school you now (or will) attend, please indicate which of the following topics were covered in the application materials. Note: Percentages may not sum to 100% as multiple responses are allowed.**

	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Your interest in a general specialty career, family practice, general internal medicine, or general pediatrics.	56.7	57.2	53.9
Your interest for practice in a geographically underserved (e.g., rural or inner city) area.	54.4	55.4	53.4
Your interest for practice in a socioeconomically deprived area.	48.8	50.4	48.8
Your interest in global health issues.	40.7	42.5	40.1

**17a. Has more than a year passed since you graduated from college?**

	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Yes	44.2	46.7	46.4
No	55.8	53.3	53.6
	100	100	100
Number of respondents	12,282	12,994	14,044

**17b. How did you spend your time between college and medical school?**

Note: Only respondents who selected "Yes" to 17a could respond to 17b. In 2007-2008, only one response was permitted. In 2009, multiple responses were permitted.

	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Worked at another career	27.7	29.6	64.5
Worked to secure financing	7.3	9.0	22.1
Continued coursework to strengthen application to medical school	10.2	11.8	28.4
Took premedical courses for the first time	6.2	6.5	15.5
Pursued graduate studies	9.5	10.7	23.3
Raised a family	2.0	1.9	4.0
Traveled	12.3	13.5	34.8
Other	8.7	9.8	23.4

**18. Prior to entering medical school, did you expect the student body at your medical school to be racially and ethnically diverse?**

	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Yes	87.6	86.5	88.2
No	12.4	13.5	11.8
	100	100	100
Number of respondents	12,256	12,980	13,774

**19. Please indicate your expectations about the impact of diversity on your medical education. (Scale: 4 = Strongly Agree to 0 = Strongly Disagree)**

		Ratings					Mean	Count
		Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree		
I expect the racial and ethnic diversity of my school's student body to positively influence my professional growth and development.								
All Schools	2009	48.9 %	38.3 %	10.7 %	1.6 %	0.5 %	3.3	13,959
All Schools	2008	49.4	37.3	11.3	1.6	0.4	3.3	12,973
All Schools	2007	48.7	38.3	10.5	1.8	0.6	3.3	12,246

**19. Please indicate your expectations about the impact of diversity on your medical education. (Continued)**

		Ratings					Mean	Count
		Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree		
I expect to be trained to care for individuals whose racial and ethnic backgrounds are different from my own.								
All Schools	2009	65.7 %	29.5 %	4.3 %	0.4 %	0.1 %	3.6	13,952
All Schools	2008	64.8	30.5	4.3	0.3	0.1	3.6	12,967
All Schools	2007	64.0	31.2	4.4	0.3	0.1	3.6	12,245
I expect my knowledge or opinion will be influenced or changed by becoming more aware of the perspectives of individuals whose racial and ethnic backgrounds are different from my own.								
All Schools	2009	48.5 %	40.9 %	8.9 %	1.5 %	0.3 %	3.4	13,953
All Schools	2008	47.7	40.9	9.6	1.4	0.4	3.3	12,956
All Schools	2007	47.1	41.3	9.7	1.5	0.5	3.3	12,236

**All Schools**

**2007      2008      2009**

**20. What types of non-classroom experiences do you expect to participate in during the time you are also a medical student?**

	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Global health education or service	62.5	63.7	63.0
Research	67.5	70.6	72.0
Talking to students in schools about science/health education and careers	52.5	53.4	52.1
Community service/activism	87.3	88.0	87.9
Medical student organization(s)	83.6	82.6	83.0
Other	3.7	3.5	4.9

**21. Do you expect to use the following resources during medical school?**

		Ratings				Mean	Count
		Expect to Use Often	Expect to Use Some	Not Sure	Don't Expect To Use		
Child care services							
All Schools	2009	1.9%	2.6%	9.5 %	86.0 %	3.8	13,882
All Schools	2008	2.3	2.6	10.7	84.4	3.8	12,960
All Schools	2007	2.4	2.7	10.0	84.9	3.8	12,224
Counseling or mentoring services							
All Schools	2009	8.9%	37.0%	30.5 %	23.7 %	2.7	13,903
All Schools	2008	9.4	34.6	31.8	24.3	2.7	12,974
All Schools	2007	8.4	34.5	32.4	24.7	2.7	12,236
Spousal support group							
All Schools	2009	1.7%	6.1%	15.0 %	77.2 %	3.7	13,800
All Schools	2008	1.9	6.8	15.8	75.5	3.6	12,952
All Schools	2007	1.9	6.8	15.2	76.0	3.7	12,222
Medical specialty organization/society							
All Schools	2009	27.1%	54.8%	15.1 %	3.0 %	1.9	13,896
All Schools	2008	26.7	54.0	15.7	3.6	2.0	12,972
All Schools	2007	25.9	55.5	14.9	3.7	2.0	12,238

21. Do you expect to use the following resources during medical school? (Continued)

		Ratings				Mean	Count
		Expect to Use Often	Expect to Use Some	Not Sure	Don't Expect To Use		
Careers in Medicine online career planning tool							
All Schools	2009	12.9%	38.8%	38.6%	9.7%	2.5	13,882
All Schools	2008	14.1	41.0	36.0	8.9	2.4	12,959
All Schools	2007	14.0	41.3	35.3	9.5	2.4	12,228
Financial planner (other than school financial aid office)							
All Schools	2009	12.6%	31.6%	36.0%	19.8%	2.6	13,870
All Schools	2008	11.7	31.5	37.7	19.2	2.6	12,960
All Schools	2007	11.1	29.8	38.1	21.1	2.7	12,233
Online social network (e.g., Facebook, MySpace, Twitter)							
All Schools	2009	45.5%	40.8%	8.2%	5.5%	1.7	13,929
All Schools	2008	42.8	38.6	11.5	7.0	1.8	12,971
All Schools	2007	41.4	36.8	12.1	9.7	1.9	12,242

All Schools

2007 2008 2009

22. Indicate your career intentions:

	Percent	Percent	Percent
Full-time academic faculty (teaching, research)	9.4	9.6	9.0
Full-time clinical practice (non-academic)	61.3	61.0	61.3
Other	7.9	8.1	8.7
Undecided	21.3	21.2	21.1
	100	100	100
Number of respondents	12,286	12,990	13,968

23a. Are you planning to become certified in one of 25 general specialties listed below?

	Percent	Percent	Percent
Yes	n/a	n/a	84.9
No	n/a	n/a	0.8
Undecided	n/a	n/a	14.4
	n/a	n/a	100
Number of respondents			13,984

23b. What general specialty are you considering? Please select your most likely specialty from the list below:

	Percent	Percent	Percent
Allergy and Immunology	n/a	n/a	0.8
Anesthesiology	n/a	n/a	2.9
Colon & Rectal Surgery	n/a	n/a	0.1
Dermatology	n/a	n/a	3.3
Emergency Medicine	n/a	n/a	8.6
Family Practice	n/a	n/a	7.6
Internal Medicine	n/a	n/a	17.0
Medical Genetics	n/a	n/a	0.4
Neurology	n/a	n/a	4.6
Neurological Surgery	n/a	n/a	3.0

**All Schools**

	<b>2007</b>	<b>2008</b>	<b>2009</b>
Nuclear Medicine	n/a	n/a	0.1
Obstetrics & Gynecology	n/a	n/a	5.1
Ophthalmology	n/a	n/a	2.6
Orthopedic Surgery	n/a	n/a	8.9
Otolaryngology	n/a	n/a	1.0
Pathology	n/a	n/a	1.1
Pediatrics	n/a	n/a	13.1
Physical Medicine & Rehabilitation	n/a	n/a	0.6
Plastic Surgery	n/a	n/a	1.5
Preventive Medicine	n/a	n/a	0.5
Psychiatry	n/a	n/a	1.9
Radiology	n/a	n/a	3.4
Surgery	n/a	n/a	10.2
Thoracic Surgery	n/a	n/a	1.5
Urology	n/a	n/a	0.5
	<hr/>	<hr/>	<hr/>
	n/a	n/a	100
Number of respondents			11,808

**24. Where do you hope to work after completing your residency/fellowship training?**

	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Alabama	n/a	1.5	1.1
Alaska	n/a	0.3	0.2
Arizona	n/a	0.7	0.7
Arkansas	n/a	0.6	0.5
California	n/a	15.8	16.1
Colorado	n/a	2.7	2.3
Connecticut	n/a	0.7	0.5
Delaware	n/a	0.1	0.1
District of Columbia	n/a	1.8	1.7
Florida	n/a	3.3	4.1
Georgia	n/a	2.8	2.8
Hawaii	n/a	0.7	0.6
Idaho	n/a	0.3	0.3
Illinois	n/a	5.4	5.3
Indiana	n/a	0.1	0.7
Iowa	n/a	0.4	0.4
Kansas	n/a	1.0	1.0
Kentucky	n/a	1.2	1.0
Louisiana	n/a	1.4	1.6
Maine	n/a	0.2	0.4
Maryland	n/a	2.0	1.8
Massachusetts	n/a	4.4	4.8
Michigan	n/a	2.3	2.3
Minnesota	n/a	1.8	1.6
Mississippi	n/a	0.6	0.5
Missouri	n/a	1.1	0.9
Montana	n/a	0.5	0.4
Nebraska	n/a	0.6	0.5
Nevada	n/a	0.4	0.3
New Hampshire	n/a	0.1	0.2

		<b>All Schools</b>		
		<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>24. Where do you hope to work after completing your residency/fellowship training? (Continued)</b>				
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	
New Jersey	n/a	1.2	1.3	
New Mexico	n/a	0.5	0.4	
New York	n/a	9.8	10.4	
North Carolina	n/a	3.1	3.3	
North Dakota	n/a	0.2	0.2	
Ohio	n/a	2.9	2.9	
Oklahoma	n/a	0.9	0.9	
Oregon	n/a	1.5	1.4	
Pennsylvania	n/a	3.3	3.6	
Puerto Rico	n/a	1.3	0.7	
Rhode Island	n/a	0.2	0.1	
South Carolina	n/a	0.9	1.3	
South Dakota	n/a	0.4	0.3	
Tennessee	n/a	1.4	1.7	
Texas	n/a	5.4	5.4	
Utah	n/a	0.8	0.7	
Vermont	n/a	0.4	0.3	
Virginia	n/a	1.5	1.8	
Washington	n/a	2.5	2.7	
West Virginia	n/a	0.6	0.5	
Wisconsin	n/a	1.4	1.4	
Wyoming	n/a	0.2	0.1	
US Territories / Possessions	n/a	0.4	0.4	
Canada	n/a	0.0	0.2	
Other Foreign Country	n/a	3.9	3.2	
	<hr/>	<hr/>	<hr/>	
	n/a	100	100	
Number of respondents		12,165	12,556	
<b>25. Please indicate the setting in which you plan to work after the completion of your medical education:</b>				
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	
Large city (population 500,000 or more)	30.9	32.7	32.8	
Suburb of a large city	12.4	13.3	13.5	
City of moderate size (population 50,000 to 500,000)	17.4	19.1	17.1	
Suburb of a moderate size city	4.8	5.1	4.9	
Small city (population 10,000 to 50,000--other than suburb)	4.3	4.9	4.4	
Town (population 2,500 to 10,000--other than suburb)	2.1	2.1	2.3	
Small town (population less than 2,500)	1.1	1.1	1.0	
Rural/unincorporated area	1.8	2.3	1.8	
Undecided or no preference	25.3	19.5	22.2	
	<hr/>	<hr/>	<hr/>	
	100	100	100	
Number of respondents	12,257	12,947	13,947	

	<b>All Schools</b>		
	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>26a. Do you plan to locate your practice in an underserved area?</b>			
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Yes	22.4	23.8	23.8
No	17.2	16.7	15.7
Undecided	60.4	59.6	60.5
	<hr/>	<hr/>	<hr/>
	100	100	100
Number of respondents	12,269	12,981	13,940
<b>26b. If yes, indicate the likely location. Note: The divisor used in computing percentages is the count of Yes responses to Question 26a above.</b>			
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Rural community	34.6	33.9	33.1
Inner-city community	56.2	58.0	59.8
Other	9.3	8.1	7.1
	<hr/>	<hr/>	<hr/>
	100	100	100
Number of respondents	2,737	3,078	3,298
<b>27a. Regardless of location, do you plan to work primarily with minority populations?</b>			
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Yes	13.7	14.3	15.4
No	28.5	28.3	27.9
Undecided	57.8	57.4	56.7
	<hr/>	<hr/>	<hr/>
	100	100	100
Number of respondents	12,267	12,977	13,945
<b>27b. If yes, indicate the minority population(s). Note: The divisor in computing percentages is the count of Yes responses in Question 27a above.</b>			
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Black/African American	32.9	33.0	32.7
Hispanic/Latino	41.4	40.8	40.9
Native American	2.9	2.8	2.0
Asian	8.7	11.1	10.5
Other	12.9	11.9	11.6
Number of respondents	1,665	1,848	2,099
<b>28. Please describe your level of fluency in the English language.</b>			
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
English is my first language, learned in infancy and still spoken.	78.3	77.9	77.7
English is my first language, but I also have another first language.	10.3	10.9	11.4
I became fluent in English after infancy but before age 18.	10.2	10.0	9.7
I became fluent in English after the age of 18.	1.1	1.0	1.1
I am not yet fully fluent in English.	0.1	0.2	0.1
	<hr/>	<hr/>	<hr/>
	100	100	100
Number of respondents	12,276	12,983	13,923

		<b>All Schools</b>		
		<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>29. Please indicate your current marital status:</b>				
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	
Never married	83.5	84.0	85.3	
Separated	0.1	0.1	0.2	
Divorced	0.5	0.5	0.4	
Widowed	0.0	0.0	0.0	
Engaged	4.2	4.5	4.4	
Married/Domestic Partner	11.6	10.8	9.7	
	<hr/>	<hr/>	<hr/>	
	100	100	100	
Number of respondents		12,276	12,986	13,932
<b>30. Regardless of your dependency status, please indicate your parents' combined gross income for last year:</b>				
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	
Less than \$10,000	1.1	1.0	2.6	
\$10,000 - \$19,999	2.0	2.2	2.3	
\$20,000 - \$29,999	2.9	3.2	3.0	
\$30,000 - \$39,999	3.9	5.2	3.9	
\$40,000 - \$49,999	4.4	4.0	4.3	
\$50,000 - \$74,999	14.3	12.9	12.9	
\$75,000 - \$99,999	11.6	10.8	11.3	
\$100,000 - \$249,999	43.2	42.5	43.9	
\$250,000 - \$499,999	11.3	12.9	12.7	
\$500,000 or more	5.4	5.3	3.1	
	<hr/>	<hr/>	<hr/>	
	100	100	100	
Median income of parents of those providing figures:		\$100,000	\$100,000	\$110,000
<b>31. The above figure represents the income of:</b>				
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	
Father only	20.4	20.2	20.5	
Mother only	9.6	10.3	10.6	
Both parents	68.2	68.1	67.8	
Other	1.8	1.5	1.1	
	<hr/>	<hr/>	<hr/>	
	100	100	100	
Number of respondents		11,601	12,643	12,570

		<u>All Schools</u>		
		<u>2007</u>	<u>2008</u>	<u>2009</u>
<b>32. Do you have any outstanding educational loans for your college/premedical education that you are legally required to repay?</b>				
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	
Yes	37.3	37.6	38.2	
No	62.7	62.4	61.8	
	<hr/>	<hr/>	<hr/>	
	100	100	100	
Number of respondents		12,208	12,955	13,856
<b>33. Premedical debt amount:</b>				
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	
No debt (\$0)	62.9	61.2	63.1	
\$1 to \$4,999	2.8	3.6	2.2	
\$5,000 to \$9,999	4.5	4.4	4.4	
\$10,000 to \$14,999	6.0	5.9	5.5	
\$15,000 to \$19,999	6.2	5.8	5.2	
\$20,000 to \$24,999	4.7	4.7	5.0	
\$25,000 to \$29,999	2.1	2.2	2.3	
\$30,000 to \$49,999	5.7	5.9	6.1	
\$50,000 to \$74,999	3.2	3.5	3.7	
\$75,000 to \$99,999	1.1	1.4	1.4	
\$100,000 or more	0.9	1.3	1.0	
	<hr/>	<hr/>	<hr/>	
	100	100	100	
Median premedical debt of those providing figures		\$18,000	\$20,000	\$20,000
<b>34. How were your college/premedical costs paid? Please enter a percentage for each applicable category to total 100%. Note: The percentage is the average of the percentages for the category.</b>				
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	
Scholarships or awards	35.3	34.6	36.2	
Loans	14.3	14.5	14.6	
Work-study program	1.2	1.3	1.1	
Personal income and savings	6.0	5.9	5.7	
Money from parents or family	41.3	40.2	41.1	
Money earned by spouse	0.4	0.4	0.3	
Other	1.4	1.3	1.1	
<b>35. How do you plan to finance your medical school education? Please enter a percentage for each applicable category to total 100%. Note: The percentage is the average of the percentages for the category.</b>				
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	
Scholarships or awards	15.6	16.2	16.3	
Loans	60.9	59.9	62.1	
Work-study program	0.3	0.5	0.4	
Personal income and savings	4.0	3.6	3.8	
Money from parents or family	16.6	15.9	15.3	
Money earned by spouse	1.1	1.1	1.0	
Other	1.4	1.3	1.2	

	<b>All Schools</b>		
	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>36a. Do you have any non-educational, consumer debt that you are legally required to repay?</b>			
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Yes	21.4	21.2	19.7
No	78.6	78.8	80.3
	100	100	100
Number of respondents	12,112	12,910	13,816
<b>Non-educational debt amount: (Note: For 2009, amounts totaling &lt; \$500 or &gt; \$200,000 were treated as invalid.)</b>			
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
No debt (\$0)	80.4	80.7	81.6
\$500 to \$4,999	8.5	8.6	8.3
\$5,000 to \$9,999	4.2	4.0	4.1
\$10,000 to \$14,999	2.6	2.5	2.6
\$15,000 to \$19,999	1.7	1.6	1.5
\$20,000 to \$24,999	1.0	1.0	0.8
\$25,000 to \$29,999	0.6	0.6	0.4
\$30,000 to \$49,999	0.8	0.7	0.5
\$50,000 to \$74,999	0.1	0.1	0.1
\$75,000 to \$99,999	0.0	0.0	0.1
\$100,000 to \$200,000	0.1	0.1	0.1
	100	100	100
Number of respondents	11,836	12,364	13,585
Median non-educational debt of those providing valid figures	\$5,000	\$5,000	\$5,000
<b>36b. Type of non-educational, consumer debt. Note: In 2009, a figure less than \$500 in a category was treated as invalid. The number shown in each category is the median of those providing valid figures.</b>			
Credit Card(s)	\$3,000	\$3,000	\$3,000
Number of valid responses	1,860	1,888	2,035
Car Loans	\$10,000	\$10,000	\$10,000
Number of valid responses	884	933	873
Other Consumer Loans	\$5,000	\$5,000	\$4,000
Number of valid responses	165	187	206
<b>37. Control of medical school:</b>			
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Private	40.7	41.0	40.9
Public	59.3	59.0	59.1
	100	100	100
Number of respondents	12,325	13,035	14,402
<b>38. Region of medical school:</b>			
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Northeast	30.6	30.1	30.1
South	31.1	31.4	31.6
Midwest	27.5	26.5	26.8
West	10.7	12.0	11.5
	100	100	100
Number of respondents	12,325	13,046	14,402

	<b>All Schools</b>		
	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>39. Consent to have personally identifiable information released to my medical school:</b>			
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Yes, I do consent	64.3	68.3	65.8
No, I do not consent	35.7	31.7	34.2
	<hr/>	<hr/>	<hr/>
	100	100	100
Number of respondents	12,273	12,952	13,884
<b>40. Voluntary participation in AAMC student recruitment registries based on personal interests and characteristics:</b>			
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Yes, I want to be included	49.5	49.9	52.3
No, I do not want to be included	50.5	50.1	47.7
	<hr/>	<hr/>	<hr/>
	100	100	100
Number of respondents	12,273	12,951	13,884