



**ASSOCIATION OF  
AMERICAN  
MEDICAL COLLEGES**

**2001**

**Medical School Graduation Questionnaire**

**All Schools Report**

**2001**

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**Prepared by the Division of Medical Education  
202-828-0960  
email: [gq@aamc.org](mailto:gq@aamc.org)**

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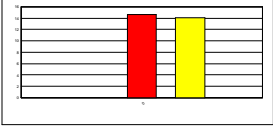
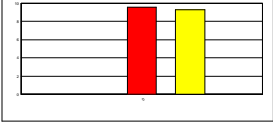
**Note:** The demographic data used in the 2001 GQ Report was taken from the Student Records System (SRS). Demographic data that was not provided by students in the 1999 and 2000 GQ cycles was added from SRS. In addition, the age at graduation calculation in previous years rounded fractional years (e.g., 27.7 was rounded to 28). The calculation in this year's report more accurately truncates fractional years (e.g., 27.7 is truncated to 27). These additions/changes may cause the 1999 and 2000 figures reported in this year's report to vary slightly from the figures reported in the 1999 and 2000 reports.

	All Schools		
	1999	2000	2001
<b>Total number of students who responded to the questionnaire:</b>	12,734	14,416	14,206
<b>1. Age at graduation:</b>			
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Under 24	0.9	0.7	0.8
24 through 26	48.0	46.9	47.7
27 through 29	32.0	32.2	31.5
30 through 32	10.2	11.3	11.8
33 or older	8.9	8.8	8.2
	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>
Number of responses	12,728	14,413	14,203
Mean age	27.7	27.8	27.7
<b>2. Gender:</b>			
Male	57.0	57.0	56.5
Female	43.0	43.0	43.5
	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>
Number of responses	12,732	14,416	14,190
<b>3. How do you identify yourself?</b>			
Black, not of Hispanic origin	7.1	7.0	6.8
White, not of Hispanic origin	66.0	67.5	66.0
American Indian or Alaska native	0.8	0.7	0.6
Chinese	5.3	4.7	5.0
Korean	2.7	2.4	2.5
Japanese	0.7	0.5	0.5
Vietnamese	1.6	1.4	1.5
Other Southeast Asian	0.5	0.3	0.4
Indian or Pakistani	6.3	6.3	6.3
Native Hawaiian	0.1	0.0	0.1
Filipino	1.1	1.0	0.9
Other Pacific Islander	0.1	0.2	0.3
Other Asian	0.9	1.5	2.7
Mexican American/Chicano	2.4	2.4	2.4
Puerto Rican	2.3	2.0	1.9
Other Hispanic	2.1	2.1	1.9
Unknown	0.1	0.0	0.5
	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>
Number of responses	12,734	14,416	14,206
<b>Underrepresented minority category:</b>			
Underrepresented minority category	11.0	10.9	10.6
Other	89.0	89.1	89.4
	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>
Number of responses	12,727	14,415	14,139

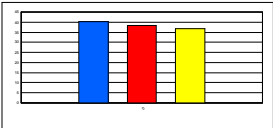
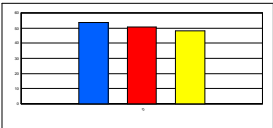
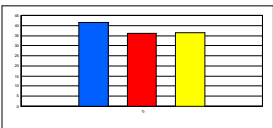
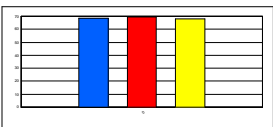
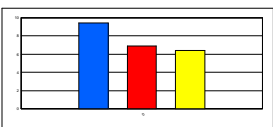
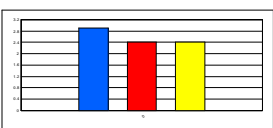
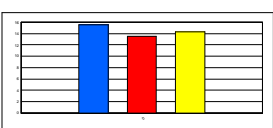
	All Schools		
	1999	2000	2001
<b>4. Number of years between matriculation and graduation:</b>			
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Less than 4 years	1.6	1.4	1.4
4 years	84.9	84.2	84.4
5 years	9.4	10.1	9.7
6 years	1.4	1.6	1.5
7 years	2.6	2.7	3.0
	100.0	100.0	100.0
Number of responses	12,696	14,414	14,193

<b>5. Type of degree program from which you are graduating:</b>			
M.D.	94.7	95.1	95.4
Joint M.D./Ph.D.	2.3	1.4	1.0
Joint M.D./Master's	0.5	0.4	0.3
Joint M.D./J.D.	0.0	0.0	0.0
Joint Bachelor's/M.D.	2.1	2.5	2.5
Other	0.4	0.6	0.8
	100.0	100.0	100.0
Number of responses	12,693	14,317	14,155

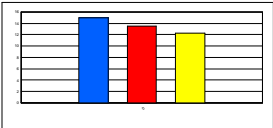
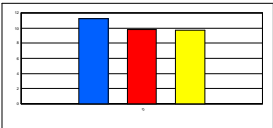
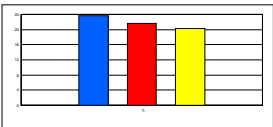
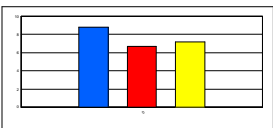
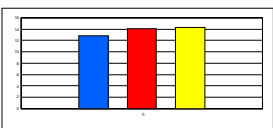
**6. How important were the following premedical courses in preparing you for medical school?**

	Ratings					Mean	Count	Very Important Rating in		
	Not Important	Slightly Important	Somewhat Important	Moderately Important	Very Important			1999	2000	2001
<b>Biology</b>										
All Schools 2000	1.2%	4.9%	11.5%	25.3%	57.1%	3.3	14,080			
All Schools 2001	1.1	4.7	11.4	25.3	57.5	3.3	14,116			
<b>General Chemistry</b>										
All Schools 2000	4.0	16.3	28.8	32.8	18.0	2.4	14,128			
All Schools 2001	3.8	16.8	28.8	32.8	17.8	2.4	14,148			
<b>Organic Chemistry</b>										
All Schools 2000	9.6	20.9	27.0	27.9	14.7	2.2	14,129			
All Schools 2001	9.8	21.8	27.2	27.1	14.1	2.1	14,148			
<b>Physics</b>										
All Schools 2000	11.0	25.3	30.1	24.0	9.6	2.0	14,100			
All Schools 2001	10.6	26.0	31.0	23.1	9.3	1.9	14,132			

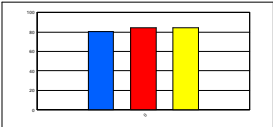
6. How important were the following premedical courses in preparing you for medical school? (Continued)

		Ratings					Mean	Count	Very Important Rating in 1999 2000 2001
		Not Important	Slightly Important	Somewhat Important	Moderately Important	Very Important			
<b>Comparative Anatomy</b>									
All Schools	1999	7.4%	8.0%	16.2%	28.1%	40.3%	2.9	6,323	
All Schools	2000	7.4	8.8	16.6	29.1	38.2	2.8	7,450	
All Schools	2001	8.0	8.4	17.0	30.0	36.6	2.8	7,599	
<b>Biochemistry</b>									
All Schools	1999	2.0	4.8	11.5	28.0	53.7	3.3	10,330	
All Schools	2000	2.0	4.6	12.6	30.2	50.6	3.2	11,946	
All Schools	2001	2.1	5.1	13.0	31.8	48.1	3.2	12,216	
<b>Genetics</b>									
All Schools	1999	2.0	5.9	15.6	35.0	41.6	3.1	10,119	
All Schools	2000	2.0	5.9	17.3	38.6	36.1	3.0	11,709	
All Schools	2001	1.9	6.0	17.6	38.3	36.3	3.0	11,907	
<b>Physiology</b>									
All Schools	1999	1.6	2.2	7.5	20.2	68.5	3.5	9,091	
All Schools	2000	1.8	2.1	6.8	19.7	69.6	3.5	10,514	
All Schools	2001	1.9	2.3	7.1	20.5	68.2	3.5	10,580	
<b>Zoology</b>									
All Schools	1999	24.2	22.9	26.1	17.4	9.4	1.6	5,889	
All Schools	2000	28.7	24.8	24.2	15.5	6.9	1.5	6,960	
All Schools	2001	29.9	25.9	23.7	14.1	6.4	1.4	7,084	
<b>Calculus</b>									
All Schools	1999	44.0	28.1	17.0	7.9	2.9	1.0	12,197	
All Schools	2000	43.3	29.1	17.8	7.4	2.4	1.0	13,800	
All Schools	2001	43.4	29.7	18.0	6.6	2.4	1.0	13,725	
<b>Statistics</b>									
All Schools	1999	8.0	19.2	28.6	28.7	15.5	2.2	9,586	
All Schools	2000	8.3	19.1	29.4	29.7	13.5	2.2	11,047	
All Schools	2001	8.3	19.0	29.1	29.2	14.3	2.2	11,296	

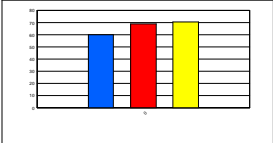
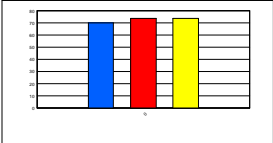
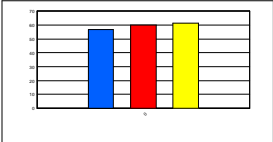
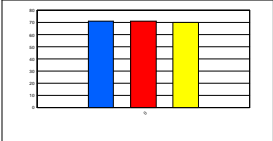
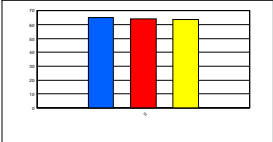
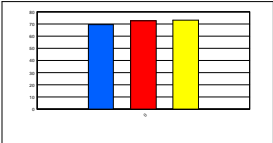
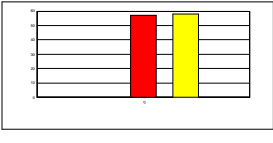
6. How important were the following premedical courses in preparing you for medical school? (Continued)

		Ratings					Mean	Count	Very Important Rating in		
		Not Important	Slightly Important	Somewhat Important	Moderately Important	Very Important			1999	2000	2001
<b>Psychology</b>											
All Schools	1999	10.2%	19.5%	27.8%	27.5%	15.0%	2.2	10,227			
All Schools	2000	10.2	20.4	28.5	27.4	13.5	2.1	11,506			
All Schools	2001	10.9	20.6	29.2	27.0	12.3	2.1	11,496			
<b>Other Social Sciences</b>											
All Schools	1999	18.7	25.0	26.5	18.6	11.2	1.8	10,800			
All Schools	2000	17.5	26.7	27.0	18.9	9.8	1.8	12,183			
All Schools	2001	18.2	27.3	26.8	18.1	9.7	1.7	12,398			
<b>English Composition</b>											
All Schools	1999	8.6	16.4	24.1	27.2	23.7	2.4	12,495			
All Schools	2000	8.5	16.7	25.6	27.6	21.6	2.4	14,064			
All Schools	2001	8.5	18.1	26.0	27.1	20.3	2.3	13,994			
<b>English Literature</b>											
All Schools	1999	29.2	25.8	22.3	13.9	8.8	1.5	11,923			
All Schools	2000	28.4	28.8	23.3	12.7	6.7	1.4	13,540			
All Schools	2001	27.8	28.6	23.5	12.9	7.2	1.4	13,524			
<b>Humanities, other than English</b>											
All Schools	1999	23.4	24.5	22.9	16.4	12.8	1.7	12,211			
All Schools	2000	16.2	23.7	25.9	20.1	14.1	1.9	13,873			
All Schools	2001	16.2	24.0	25.7	19.7	14.3	1.9	13,841			

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

		Ratings					Mean	Count	Agreed or Strongly Agreed in		
		Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree			1999	2000	2001
<b>Basic science course objectives were made clear to students</b>											
All Schools	1999	22.8%	57.9%	10.4%	8.0%	1.0%	2.1	12,692			
All Schools	2000	22.8	61.9	8.2	6.3	0.9	2.0	14,262			
All Schools	2001	22.3	62.1	8.4	6.4	0.8	2.0	14,186			

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

	Ratings					Mean	Count	Agreed or Strongly Agreed in		
	Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree			1999	2000	2001
Basic science courses were sufficiently integrated/coordinated										
All Schools 1999	14.1%	45.9%	13.5%	23.2%	3.2%	2.6	12,691			
All Schools 2000	15.6	53.6	10.6	17.6	2.6	2.4	14,257			
All Schools 2001	15.5	55.2	9.9	16.9	2.5	2.4	14,184			
Basic science course objectives and examination content matched closely										
All Schools 1999	15.2	54.8	13.8	13.8	2.4	2.3	12,690			
All Schools 2000	15.5	58.1	11.9	12.1	2.3	2.3	14,261			
All Schools 2001	15.2	58.4	12.0	12.2	2.1	2.3	14,179			
Basic science courses had sufficient illustrations of clinical relevance										
All Schools 1999	12.3	44.7	13.4	25.8	3.8	2.6	12,689			
All Schools 2000	12.9	47.2	12.7	23.4	3.8	2.6	14,260			
All Schools 2001	12.7	48.9	13.1	21.8	3.5	2.5	14,179			
Basic science courses were well organized										
All Schools 1999	14.5	56.6	15.4	11.3	2.3	2.3	12,691			
All Schools 2000	14.5	56.9	15.5	11.0	2.1	2.3	14,258			
All Schools 2001	14.0	56.2	15.9	11.3	2.5	2.3	14,181			
Basic science courses provided relevant preparation for clerkships										
All Schools 1999	12.9	52.0	15.8	16.4	3.0	2.4	12,692			
All Schools 2000	13.6	50.4	15.6	17.2	3.2	2.5	14,252			
All Schools 2001	12.8	51.1	15.9	16.8	3.4	2.5	14,183			
Basic science courses provided timely feedback on performance										
All Schools 1999	16.2	53.4	14.5	12.9	3.1	2.3	12,692			
All Schools 2000	17.4	55.6	13.1	11.1	2.8	2.3	14,259			
All Schools 2001	17.3	56.1	13.4	10.7	2.4	2.2	14,182			
Basic science courses developed or sharpened problem solving skills										
All Schools 2000	12.4	44.8	19.3	19.5	4.0	2.6	14,126			
All Schools 2001	12.6	45.5	19.4	18.2	4.2	2.6	14,182			

8. Indicate how well you think that instruction in the following sciences basic to medicine prepared you for clinical clerkships and electives: (Scale: 1=Excellent to 4=Poor)

	Ratings					Mean	Count	Excellent Rating in 1999 2000 2001
	Excellent	Good	Fair	Poor				
<b>Biochemistry</b>								
All Schools 1999	12.0%	33.3%	36.1%	18.5%	2.6	12,439		
All Schools 2000	11.2	35.3	35.1	18.4	2.6	13,938		
All Schools 2001	11.4	34.9	35.7	18.0	2.6	13,827		
<b>Biostatistics and epidemiology</b>								
All Schools 1999	7.4	33.7	41.3	17.6	2.7	12,310		
All Schools 2000	8.5	35.3	39.1	17.0	2.6	13,717		
All Schools 2001	9.0	36.4	38.7	15.9	2.6	13,663		
<b>Genetics</b>								
All Schools 1999	9.0	38.6	40.3	12.0	2.6	12,424		
All Schools 2000	9.6	39.3	38.2	12.9	2.5	13,892		
All Schools 2001	9.2	40.8	37.6	12.5	2.5	13,838		
<b>Gross anatomy</b>								
All Schools 1999	39.1	42.0	15.2	3.7	1.8	12,635		
All Schools 2000	41.5	40.8	13.7	4.0	1.8	14,190		
All Schools 2001	41.0	42.2	13.6	3.1	1.8	14,105		
<b>Immunology</b>								
All Schools 1999	22.2	48.3	24.1	5.4	2.1	12,608		
All Schools 2000	22.4	47.6	23.6	6.3	2.1	14,163		
All Schools 2001	20.7	48.5	24.3	6.6	2.2	14,060		
<b>Introduction to Clinical Medicine/Introduction to the Patient</b>								
All Schools 1999	44.0	35.2	14.8	6.0	1.8	12,566		
All Schools 2000	44.5	34.9	14.5	6.1	1.8	14,106		
All Schools 2001	43.9	35.8	14.5	5.8	1.8	14,046		
<b>Microanatomy/Histology</b>								
All Schools 1999	13.1	41.4	35.6	10.0	2.4	11,266		
All Schools 2000	15.7	43.1	31.2	10.0	2.4	14,090		
All Schools 2001	15.6	42.0	32.0	10.4	2.4	14,018		

**8. Indicate how well you think that instruction in the following sciences basic to medicine prepared you for clinical clerkships and electives: (Scale: 1=Excellent to 4=Poor) (Continued)**

	Ratings					Mean	Count	Excellent Rating in 1999 2000 2001
	Excellent	Good	Fair	Poor				
<b>Microbiology</b>								
All Schools 1999	32.5%	43.7%	18.7%	5.1%	2.0	12,579		
All Schools 2000	31.1	44.2	18.7	6.0	2.0	14,135		
All Schools 2001	28.8	47.0	18.1	6.1	2.0	14,048		
<b>Neuroscience</b>								
All Schools 1999	26.2	42.2	23.4	8.3	2.1	12,615		
All Schools 2000	29.0	42.1	20.5	8.4	2.1	14,175		
All Schools 2001	31.0	42.0	19.4	7.6	2.0	14,074		
<b>Pathology</b>								
All Schools 1999	50.7	35.1	11.6	2.6	1.7	12,631		
All Schools 2000	48.1	36.5	12.1	3.3	1.7	14,177		
All Schools 2001	48.3	35.8	12.3	3.6	1.7	14,087		
<b>Pharmacology</b>								
All Schools 1999	43.9	35.8	14.3	5.9	1.8	12,624		
All Schools 2000	39.4	37.1	15.9	7.6	1.9	14,186		
All Schools 2001	38.5	37.4	16.0	8.1	1.9	14,094		
<b>Physiology</b>								
All Schools 1999	46.3	39.1	11.6	2.9	1.7	12,629		
All Schools 2000	43.1	41.2	12.3	3.4	1.8	14,177		
All Schools 2001	43.6	41.0	12.2	3.2	1.7	14,071		

**9. Indicate whether you agree or disagree that the following subjects were adequately covered in the first and second years of medical school: (Scale: 1=Strongly Agree to 5=Strongly Disagree)**

	Ratings					Mean	Count	Agreed or Strongly Agreed in 1999 2000 2001
	Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree			
<b>Biomedical Ethics</b>								
All Schools 2001	23.3%	46.9%	12.3%	14.5%	3.0%	2.3	14,185	(New in 2001)
<b>Clinical epidemiology</b>								
All Schools 2001	14.2	48.2	15.4	19.3	2.9	2.5	14,184	(New in 2001)

**9. Indicate whether you agree or disagree that the following subjects were adequately covered in the first and second years of medical school: (Scale: 1=Strongly Agree to 5=Strongly Disagree) (Continued)**

		Ratings					Mean	Count	Agreed or Strongly Agreed in
		Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree			1999 2000 2001
<b>Community Health</b>									
All Schools	2001	12.2%	39.9%	21.2%	23.6%	3.2%	2.7	14,181	(New in 2001)
<b>Geriatrics</b>									
All Schools	2001	5.7	30.3	23.9	35.6	4.6	3.0	14,181	(New in 2001)
<b>Health care systems</b>									
All Schools	2001	5.4	24.7	18.8	39.2	11.9	3.3	14,181	(New in 2001)
<b>Health promotion and disease prevention</b>									
All Schools	2001	13.1	48.8	16.2	18.7	3.3	2.5	14,177	(New in 2001)
<b>Medical economics</b>									
All Schools	2001	3.2	15.4	15.9	43.8	21.6	3.7	14,181	(New in 2001)
<b>Professionalism</b>									
All Schools	2001	27.0	45.2	12.9	11.3	3.5	2.2	14,179	(New in 2001)
<b>Cultural competency</b>									
All Schools	2001	16.3	37.1	20.9	19.1	6.6	2.6	14,177	(New in 2001)

**10. If the following subjects were encountered in the first and second years of medical school, indicate whether you agree or disagree that they were explicitly covered again during your medical school clinical experiences: (Scale: 1=Strongly Agree to 5=Strongly Disagree)**

		Ratings					Mean	Count	Agreed or Strongly Agreed in
		Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree			1999 2000 2001
<b>Biomedical Ethics</b>									
All Schools	2001	19.3%	49.5%	12.7%	16.1%	2.4%	2.3	14,182	(New in 2001)
<b>Clinical epidemiology</b>									
All Schools	2001	14.7	50.1	15.5	17.5	2.2	2.4	14,179	(New in 2001)
<b>Community Health</b>									
All Schools	2001	17.4	51.6	16.2	12.9	1.9	2.3	14,175	(New in 2001)

**10. If the following subjects were encountered in the first and second years of medical school, indicate whether you agree or disagree that they were explicitly covered again during your medical school clinical experiences:  
(Scale: 1=Strongly Agree to 5=Strongly Disagree) (Continued)**

		Ratings					Mean	Count	Agreed or Strongly Agreed in		
		Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree			1999	2000	2001
<b>Geriatrics</b>											
All Schools	2001	14.4%	45.0%	18.7%	19.1%	2.8%	2.5	14,175	(New in 2001)		
<b>Health care systems</b>											
All Schools	2001	6.5	30.3	22.8	32.7	7.7	3.0	14,179	(New in 2001)		
<b>Health promotion and disease prevention</b>											
All Schools	2001	22.8	55.3	11.5	8.5	1.9	2.1	14,175	(New in 2001)		
<b>Medical economics</b>											
All Schools	2001	5.4	24.4	20.9	36.4	12.9	3.3	14,174	(New in 2001)		
<b>Professionalism</b>											
All Schools	2001	29.5	45.5	12.4	9.8	2.8	2.1	14,176	(New in 2001)		
<b>Cultural competency</b>											
All Schools	2001	16.1	38.6	21.5	18.5	5.3	2.6	14,175	(New in 2001)		

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

		Ratings					Mean	Count	Excellent Rating in		
		Excellent	Good	Fair	Poor			1999	2000	2001	
<b>Emergency Medicine</b>											
All Schools	2001	42.1%	34.4%	15.9%	7.6%	1.9	8,783	(New in 2001)			
<b>Family medicine</b>											
All Schools	1999	43.2	34.7	15.2	6.9	1.9	12,011				
All Schools	2000	42.4	36.6	14.9	6.0	1.8	13,769				
All Schools	2001	42.0	36.8	15.2	6.1	1.9	13,656				
<b>Internal medicine</b>											
All Schools	1999	52.0	34.7	10.1	3.2	1.6	12,674				
All Schools	2000	52.6	34.9	9.7	2.7	1.6	14,223				
All Schools	2001	55.3	32.2	9.7	2.8	1.6	14,152				

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

		Ratings							Excellent Rating in		
		Excellent	Good	Fair	Poor	Mean	Count	1999	2000	2001	
<b>Obstetrics and Gynecology</b>											
All Schools	1999	34.3%	33.9%	19.4%	12.4%	2.1	12,653				
All Schools	2000	33.6	35.1	19.6	11.7	2.1	14,192				
All Schools	2001	33.9	33.8	19.2	13.0	2.1	14,125				
<b>Neurology</b>											
All Schools	1999	22.2	34.9	27.3	15.6	2.4	10,532				
All Schools	2000	22.4	36.2	27.3	14.1	2.3	11,509				
All Schools	2001	24.1	36.2	25.5	14.1	2.3	11,840				
<b>Pediatrics</b>											
All Schools	1999	40.1	38.2	16.1	5.6	1.9	12,668				
All Schools	2000	39.4	38.2	16.7	5.7	1.9	14,202				
All Schools	2001	42.1	37.4	14.7	5.8	1.8	14,142				
<b>Psychiatry</b>											
All Schools	1999	28.2	37.9	23.6	10.4	2.2	12,567				
All Schools	2000	28.7	40.0	22.6	8.7	2.1	14,139				
All Schools	2001	32.1	40.0	19.9	8.0	2.0	14,063				
<b>Radiology</b>											
All Schools	2001	29.2	34.8	22.5	13.6	2.2	9,922	(New in 2001)			
<b>Surgery</b>											
All Schools	1999	40.1	36.3	15.8	7.8	1.9	12,653				
All Schools	2000	39.8	37.1	16.0	7.2	1.9	14,214				
All Schools	2001	42.4	36.1	15.0	6.5	1.9	14,139				

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

		Ratings							Agreed or Strongly		
		Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree	Mean	Count	1999	2000	2001
<b>Family medicine: I received clear learning objectives for the clerkship</b>											
All Schools	2001	34.8%	47.3%	9.8%	6.6%	1.4%	1.9	14,164	(New in 2001)		

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

		Ratings					Mean	Count	Agreed or Strongly Agreed in
		Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree			1999 2000 2001
Family medicine: My performance was assessed against the learning objectives									
All Schools	2001	26.8%	41.9%	15.9%	12.5%	3.0%	2.2	14,163	(New in 2001)
Family medicine: I had an opportunity to follow a variety of different patients (with different medical conditions) on the clerkship									
All Schools	2001	42.5	43.1	8.2	5.1	1.1	1.8	14,163	(New in 2001)
Family medicine: My attending faculty members were adequately involved in teaching the clerkship									
All Schools	2001	45.1	36.5	9.9	6.5	2.0	1.8	14,163	(New in 2001)
Family medicine: A faculty member personally observed me performing physical examinations during the clerkship									
All Schools	2001	32.9	36.5	11.1	15.8	3.7	2.2	14,166	(New in 2001)
Family medicine: Faculty members provided me with sufficient feedback on my performance									
All Schools	2001	33.3	39.5	12.3	11.8	3.0	2.1	14,160	(New in 2001)
Family medicine: Faculty members provided me with feedback in a timely manner									
All Schools	2001	32.5	38.6	13.6	11.5	3.8	2.2	14,164	(New in 2001)
Family medicine: The clerkship employed an OSCE or standardized patient to evaluate my clinical skills									
All Schools	2001	24.5	20.1	15.5	24.0	15.8	2.9	14,162	(New in 2001)
Family medicine: The clerkship included adequate geriatric/gerontology subject matter									
All Schools	2001	21.9	39.7	17.8	17.0	3.5	2.4	14,161	(New in 2001)
Family medicine: My time on the wards was productive									
All Schools	2001	24.7	32.8	29.3	7.1	6.1	2.4	14,162	(New in 2001)
Internal medicine: I received clear learning objectives for the clerkship									
All Schools	2001	44.8	44.8	4.5	4.7	1.2	1.7	14,180	(New in 2001)
Internal medicine: My performance was assessed against the learning objectives									
All Schools	2001	36.7	41.6	8.5	10.3	2.9	2.0	14,174	(New in 2001)
Internal medicine: I had an opportunity to follow a variety of different patients (with different medical conditions) on the clerkship									
All Schools	2001	59.6	35.6	2.4	2.0	0.5	1.5	14,176	(New in 2001)

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

		Ratings					Mean	Count	Agreed or Strongly Agreed in	
		Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree			1999	2000 2001
Internal medicine: My attending faculty members were adequately involved in teaching the clerkship										
All Schools	2001	52.3%	35.0%	5.2%	5.7%	1.8%	1.7	14,177	(New in 2001)	
Internal medicine: A faculty member personally observed me performing physical examinations during the clerkship										
All Schools	2001	34.5	31.9	8.1	19.8	5.7	2.3	14,172	(New in 2001)	
Internal medicine: Faculty members provided me with sufficient feedback on my performance										
All Schools	2001	37.3	40.7	8.0	11.0	3.1	2.0	14,174	(New in 2001)	
Internal medicine: Faculty members provided me with feedback in a timely manner										
All Schools	2001	35.4	39.2	9.4	12.3	3.7	2.1	14,173	(New in 2001)	
Internal medicine: The clerkship employed an OSCE or standardized patient to evaluate my clinical skills										
All Schools	2001	25.5	21.1	13.2	23.9	16.3	2.8	14,171	(New in 2001)	
Internal medicine: The clerkship included adequate geriatric/gerontology subject matter										
All Schools	2001	29.8	40.7	12.8	13.5	3.2	2.2	14,173	(New in 2001)	
Internal medicine: My time on the wards was productive										
All Schools	2001	53.3	36.5	5.2	3.5	1.5	1.6	14,176	(New in 2001)	
OBGYN: I received clear learning objectives for the clerkship										
All Schools	2001	31.7	47.4	7.4	10.6	2.9	2.1	14,175	(New in 2001)	
OBGYN: My performance was assessed against the learning objectives										
All Schools	2001	24.4	40.2	12.0	17.3	6.0	2.4	14,173	(New in 2001)	
OBGYN: I had an opportunity to follow a variety of different patients (with different medical conditions) on the clerkship										
All Schools	2001	30.9	47.4	8.8	10.2	2.6	2.1	14,174	(New in 2001)	
OBGYN: My attending faculty members were adequately involved in teaching the clerkship										
All Schools	2001	28.7	37.5	10.5	16.4	6.8	2.4	14,173	(New in 2001)	
OBGYN: A faculty member personally observed me performing physical examinations during the clerkship										
All Schools	2001	22.8	30.9	9.4	26.0	11.0	2.7	14,174	(New in 2001)	

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

		Ratings					Mean	Count	Agreed or Strongly Agreed in
		Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree			1999 2000 2001
OBGYN: Faculty members provided me with sufficient feedback on my performance									
All Schools	2001	20.1%	33.6%	12.5%	23.8%	10.0%	2.7	14,175	(New in 2001)
OBGYN: Faculty members provided me with feedback in a timely manner									
All Schools	2001	19.8	33.5	14.2	22.3	10.3	2.7	14,174	(New in 2001)
OBGYN: The clerkship employed an OSCE or standardized patient to evaluate my clinical skills									
All Schools	2001	15.6	17.3	14.3	31.2	21.6	3.3	14,172	(New in 2001)
OBGYN: The clerkship included adequate geriatric/gerontology subject matter									
All Schools	2001	9.3	19.7	23.0	30.1	17.9	3.3	14,169	(New in 2001)
OBGYN: My time on the wards was productive									
All Schools	2001	30.2	40.7	11.4	11.2	6.6	2.2	14,174	(New in 2001)
Pediatrics: I received clear learning objectives for the clerkship									
All Schools	2001	40.8	47.8	5.0	5.2	1.2	1.8	14,181	(New in 2001)
Pediatrics: My performance was assessed against the learning objectives									
All Schools	2001	33.9	44.9	8.2	10.1	2.9	2.0	14,171	(New in 2001)
Pediatrics: I had an opportunity to follow a variety of different patients (with different medical conditions) on the clerkship									
All Schools	2001	44.0	42.8	5.1	6.3	1.7	1.8	14,174	(New in 2001)
Pediatrics: My attending faculty members were adequately involved in teaching the clerkship									
All Schools	2001	46.5	39.7	5.6	6.1	2.2	1.8	14,177	(New in 2001)
Pediatrics: A faculty member personally observed me performing physical examinations during the clerkship									
All Schools	2001	30.2	34.7	9.0	20.2	5.9	2.4	14,175	(New in 2001)
Pediatrics: Faculty members provided me with sufficient feedback on my performance									
All Schools	2001	33.0	42.4	9.1	11.8	3.9	2.1	14,176	(New in 2001)
Pediatrics: Faculty members provided me with feedback in a timely manner									
All Schools	2001	32.1	40.9	10.5	12.0	4.5	2.2	14,174	(New in 2001)

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

		Ratings					Mean	Count	Agreed or Strongly Agreed in	
		Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree			1999	2000 2001
Pediatrics: The clerkship employed an OSCE or standardized patient to evaluate my clinical skills										
All Schools	2001	16.1%	17.0%	15.3%	31.6%	20.0%	3.2	14,170	(New in 2001)	
Pediatrics: My time on the wards was productive										
All Schools	2001	41.0	41.8	7.9	6.6	2.8	1.9	14,175	(New in 2001)	
Psychiatry: I received clear learning objectives for the clerkship										
All Schools	2001	30.3	50.8	8.6	8.5	1.8	2.0	14,173	(New in 2001)	
Psychiatry: My performance was assessed against the learning objectives										
All Schools	2001	26.2	46.6	12.3	11.7	3.2	2.2	14,165	(New in 2001)	
Psychiatry: I had an opportunity to follow a variety of different patients (with different medical conditions) on the clerkship										
All Schools	2001	35.9	45.6	7.1	9.3	2.2	2.0	14,168	(New in 2001)	
Psychiatry: My attending faculty members were adequately involved in teaching the clerkship										
All Schools	2001	36.8	41.4	8.5	10.0	3.2	2.0	14,171	(New in 2001)	
Psychiatry: A faculty member personally observed me performing physical examinations during the clerkship										
All Schools	2001	27.4	31.4	13.9	19.5	7.8	2.5	14,170	(New in 2001)	
Psychiatry: Faculty members provided me with sufficient feedback on my performance										
All Schools	2001	29.2	41.6	10.9	14.0	4.4	2.2	14,166	(New in 2001)	
Psychiatry: Faculty members provided me with feedback in a timely manner										
All Schools	2001	28.3	41.2	12.2	13.6	4.6	2.2	14,170	(New in 2001)	
Psychiatry: The clerkship employed an OSCE or standardized patient to evaluate my clinical skills										
All Schools	2001	15.3	18.5	16.5	29.4	20.3	3.2	14,166	(New in 2001)	
Psychiatry: The clerkship included adequate geriatric/gerontology subject matter										
All Schools	2001	17.4	30.5	18.8	23.0	10.3	2.8	14,167	(New in 2001)	
Psychiatry: My time on the wards was productive										
All Schools	2001	32.0	43.1	12.2	8.7	3.9	2.1	14,164	(New in 2001)	

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

		Ratings					Mean	Count	Agreed or Strongly Agreed in 1999 2000 2001
		Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree			
Surgery: I received clear learning objectives for the clerkship									
All Schools	2001	35.0%	47.0%	6.9%	8.8%	2.3%	2.0	14,176	(New in 2001)
Surgery: My performance was assessed against the learning objectives									
All Schools	2001	29.1	41.1	10.7	14.2	4.8	2.2	14,175	(New in 2001)
Surgery: I had an opportunity to follow a variety of different patients (with different medical conditions) on the clerkship									
All Schools	2001	44.9	45.4	4.3	4.3	1.2	1.7	14,174	(New in 2001)
Surgery: My attending faculty members were adequately involved in teaching the clerkship									
All Schools	2001	34.0	37.7	9.0	13.4	5.9	2.2	14,176	(New in 2001)
Surgery: A faculty member personally observed me performing physical examinations during the clerkship									
All Schools	2001	19.8	23.3	11.0	32.4	13.5	3.0	14,172	(New in 2001)
Surgery: Faculty members provided me with sufficient feedback on my performance									
All Schools	2001	23.1	34.4	11.8	21.5	9.1	2.6	14,173	(New in 2001)
Surgery: Faculty members provided me with feedback in a timely manner									
All Schools	2001	22.7	33.6	13.7	20.6	9.3	2.6	14,172	(New in 2001)
Surgery: The clerkship employed an OSCE or standardized patient to evaluate my clinical skills									
All Schools	2001	15.6	15.3	15.5	31.8	21.7	3.3	14,166	(New in 2001)
Surgery: The clerkship included adequate geriatric/gerontology subject matter									
All Schools	2001	16.8	29.5	19.2	23.5	11.0	2.8	14,175	(New in 2001)
Surgery: My time on the wards was productive									
All Schools	2001	38.3	40.6	9.6	7.5	4.0	2.0	14,169	(New in 2001)

**13. Identify the methods that were used to evaluate your clinical skills:**

	All Schools		
	1999	2000	2001
	Percent	Percent	Percent
Multiple-choice examination	94.5	91.1	84.4
NBME subject examination	88.9	88.5	86.6
Oral examination	74.9	72.0	68.9
Observation by faculty member	92.1	92.2	82.7
Peer evaluation	32.9	30.1	21.6
Case simulation using standardized patient(s)	77.1	76.9	49.5
Objective Structured Clinical Examination (OSCE)	73.5	72.7	63.1
Computerized case simulations	34.7	35.2	19.4

**14. Indicate whether you agree or disagree with the following statements about your nutrition education:  
(Scale: 1=Strongly Agree to 5=Strongly Disagree)**

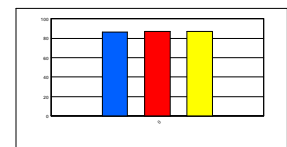
	Ratings					Mean	Count	Agreed or Strongly Agreed in		
	Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree			1999	2000	2001
<b>Nutrition-related experiences were adequate</b>										
All Schools 2000	3.1%	20.3%	16.3%	44.7%	15.6%	3.5	14,124			
All Schools 2001	4.3	24.4	15.1	41.8	14.5	3.4	14,181			
<b>Clerkship preceptors served as appropriate role-models for the practice of nutrition assessment and intervention with patients</b>										
All Schools 2000	3.4	19.9	23.2	42.2	11.3	3.4	14,111			
All Schools 2001	3.8	23.4	22.0	38.6	12.3	3.3	14,177			
<b>Students were well prepared to assess patients' status for obesity and undernutrition</b>										
All Schools 2000	3.0	23.3	20.7	43.2	9.8	3.3	14,118			
All Schools 2001	3.8	25.4	20.4	39.2	11.2	3.3	14,178			
<b>Students were adequately taught to nutritionally assess and treat patients with type 2 diabetes</b>										
All Schools 2000	9.8	38.9	14.7	29.6	6.8	2.8	14,121			
All Schools 2001	11.8	39.3	15.2	26.5	7.2	2.8	14,176			
<b>Students were adequately taught to nutritionally assess and treat patients at risk for coronary heart disease</b>										
All Schools 2000	12.7	45.2	13.8	22.9	5.3	2.6	14,121			
All Schools 2001	13.9	44.7	14.0	21.5	5.9	2.6	14,176			

**15. Indicate whether you agree or disagree with the following statements about your geriatrics and gerontology education during medical school: (Scale: 1=Strongly Agree to 5=Strongly Disagree)**

		Ratings					Mean	Count	Agreed or Strongly Agreed in		
		Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree			1999	2000	2001
I learned about the health care needs of healthy older adults during my medical training.											
All Schools	2001	13.0%	56.5%	14.1%	14.2%	2.2%	2.4	14,161	(New in 2001)		
I am well prepared to care for older adult patients in acute settings.											
All Schools	2001	11.9	53.0	17.8	15.4	1.9	2.4	14,160	(New in 2001)		
I am well prepared to care for older adult patients in ambulatory settings.											
All Schools	2001	13.5	61.0	14.1	9.8	1.5	2.2	14,159	(New in 2001)		
I am well prepared to care for older adult patients in long-term health care settings.											
All Schools	2001	8.7	40.8	21.5	25.8	3.2	2.7	14,156	(New in 2001)		
I was exposed to expert geriatric care by the attending faculty of my medical program.											
All Schools	2001	14.2	40.1	18.0	23.3	4.4	2.6	14,159	(New in 2001)		
Geriatric/gerontology education was part of all four years of my medical education.											
All Schools	2001	6.5	24.2	17.9	41.2	10.2	3.2	14,159	(New in 2001)		
Small group exercises were used to increase my knowledge of geriatrics.											
All Schools	2001	7.0	27.2	17.0	37.7	11.1	3.2	14,155	(New in 2001)		
Interdisciplinary approaches were used to increase my knowledge of geriatrics.											
All Schools	2001	8.4	34.2	21.1	28.2	8.1	2.9	14,153	(New in 2001)		

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

		Ratings					Mean	Count	Agreed or Strongly Agreed in		
		Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree			1999	2000	2001
Overall, I am satisfied with the quality of my medical education.											
All Schools	1999	37.7%	48.8%	6.3%	5.7%	1.4%	1.8	12,647			
All Schools	2000	39.0	47.8	6.8	4.9	1.4	1.8	13,970			
All Schools	2001	35.1	52.2	7.1	4.4	1.2	1.8	14,159			



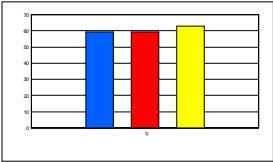
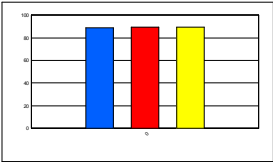
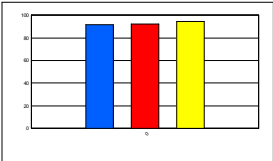
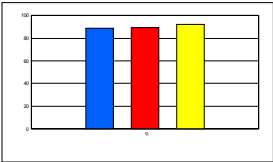
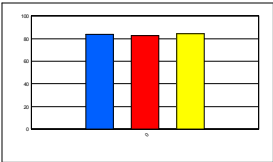
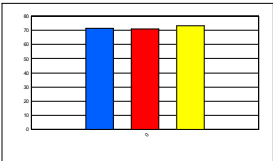
17. Indicate the activities you will have participated in during medical school on an elective or volunteer (not required) basis:

	All Schools		
	1999	2000	2001
	Percent	Percent	Percent
Independent study project for credit	35.4	59.2	33.7
Research project with faculty member	52.9	65.0	53.6
Authorship (sole or joint) of a research paper submitted for publication	33.2	50.4	33.9
Thesis project	6.5	30.2	6.5
International health experiences	18.2	38.6	20.0
Educating students about health careers	37.5	53.4	38.3
Delivering health services to underserved populations	69.3	69.4	65.1
Providing health education	57.9	60.6	52.3
Field experience in community health	32.7	41.9	31.8
Field experience in home care	34.8	44.3	24.8
Field experience in nursing home care	32.5	42.3	23.5

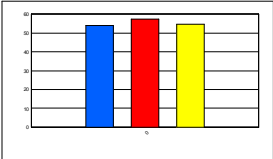
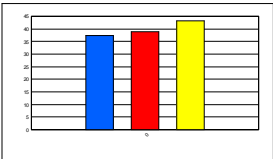
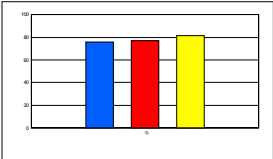
18. Do you believe that the time devoted to your instruction in the following areas was inadequate, appropriate, or excessive:

	Ratings			Count	Appropriate Instruction Time Provided in
	Inadequate	Appropriate	Excessive		
<b>Clinical Decision Making and Clinical Care</b>					
Care of hospitalized patients					
All Schools 1999	3.0%	87.8%	9.2%	12,685	
All Schools 2000	2.6	90.4	7.0	14,110	
All Schools 2001	2.1	92.3	5.6	14,168	
Care of ambulatory patients					
All Schools 1999	20.1	75.9	3.9	12,685	
All Schools 2000	16.3	79.2	4.5	14,110	
All Schools 2001	10.3	84.3	5.4	14,165	
Patient follow-up					
All Schools 1999	46.2	53.4	0.3	12,684	
All Schools 2000	46.3	53.4	0.3	14,104	
All Schools 2001	34.8	64.8	0.4	14,163	
Primary care					
All Schools 1999	9.5	76.8	13.7	12,684	
All Schools 2000	7.4	78.5	14.1	14,110	
All Schools 2001	5.1	80.9	14.0	14,167	

18. Do you believe that the time devoted to your instruction in the following areas was inadequate, appropriate, or excessive:

	Ratings			Count	Appropriate Instruction Time Provided in 1999 2000 2001
	Inadequate	Appropriate	Excessive		
<b>Clinical Decision Making and Clinical Care</b>					
Long-term health care					
All Schools 1999	39.5%	59.4%	1.0%	12,683	
All Schools 2000	39.6	59.3	1.1	14,105	
All Schools 2001	36.0	63.1	0.9	14,165	
Patient interviewing skills					
All Schools 1999	4.2	88.6	7.2	12,685	
All Schools 2000	3.5	89.5	7.0	14,110	
All Schools 2001	2.0	89.3	8.7	14,167	
Physician-patient communication skills					
All Schools 2001	4.4	88.2	7.5	14,162	(New in 2001)
Physician-physician communication skills					
All Schools 2001	19.7	78.3	2.0	14,161	(New in 2001)
Diagnosis of disease					
All Schools 1999	7.9	91.6	0.5	12,683	
All Schools 2000	7.4	91.9	0.7	14,111	
All Schools 2001	4.4	94.7	0.9	14,164	
Management of disease					
All Schools 1999	10.7	88.8	0.5	12,685	
All Schools 2000	10.0	89.5	0.5	14,106	
All Schools 2001	7.4	92.0	0.6	14,164	
Teamwork with other health professionals					
All Schools 1999	15.6	83.6	0.7	12,685	
All Schools 2000	16.3	82.5	1.2	14,107	
All Schools 2001	14.6	84.5	0.9	14,163	
Clinical pharmacology					
All Schools 1999	28.0	71.7	0.4	12,682	
All Schools 2000	28.7	70.8	0.4	14,107	
All Schools 2001	26.0	73.5	0.5	14,166	

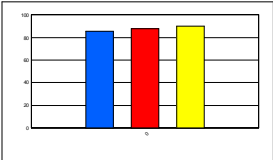
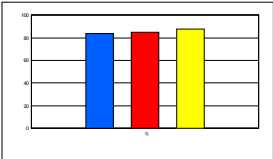
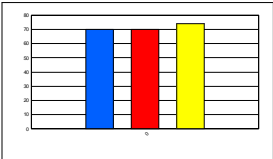
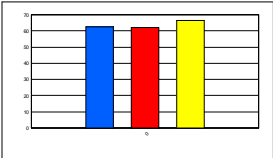
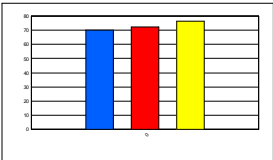
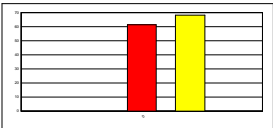
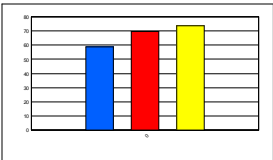
18. Do you believe that the time devoted to your instruction in the following areas was inadequate, appropriate, or excessive:

		Ratings			Count	Appropriate Instruction Time Provided in 1999 2000 2001
		Inadequate	Appropriate	Excessive		
<b>Clinical Decision Making and Clinical Care</b>						
Nutrition						
All Schools	2001	65.7%	33.1%	1.2%	14,165	(New in 2001)
Geriatrics						
All Schools	1999	43.6	53.9	2.6	12,684	
All Schools	2000	38.6	57.5	3.9	14,103	
All Schools	2001	42.3	54.6	3.1	14,164	
Pain management						
All Schools	1999	62.1	37.5	0.4	12,684	
All Schools	2000	60.5	38.9	0.6	14,107	
All Schools	2001	56.1	43.3	0.6	14,165	
Continuity of care						
All Schools	2001	24.1	74.6	1.3	14,163	(New in 2001)
Problem solving						
All Schools	2001	7.8	91.3	1.0	14,162	(New in 2001)
Clinical reasoning						
All Schools	2001	7.2	92.0	0.8	14,158	(New in 2001)
Ethical decision making						
All Schools	2001	15.9	77.9	6.3	14,159	(New in 2001)
<b>Evidence Based Medicine</b>						
Evidence-based medicine in general						
All Schools	1999	21.6	75.9	2.5	12,682	
All Schools	2000	18.7	76.8	4.4	14,094	
All Schools	2001	14.0	81.4	4.6	14,160	

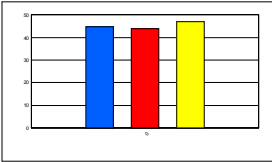
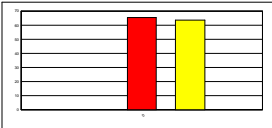
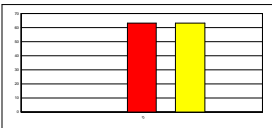
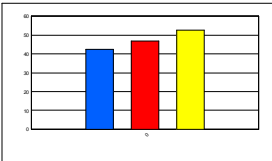
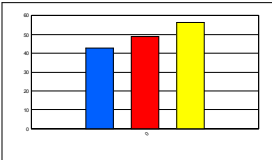
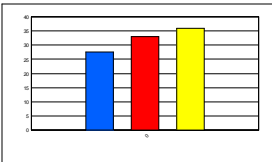
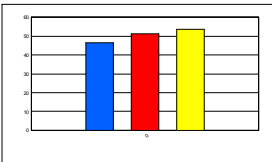
18. Do you believe that the time devoted to your instruction in the following areas was inadequate, appropriate, or excessive:

	Ratings			Count	Appropriate Instruction Time Provided in 1999 2000 2001
	Inadequate	Appropriate	Excessive		
<b>Evidence Based Medicine</b>					
Interpretation of clinical data and research reports					
All Schools 1999	27.2%	71.3%	1.6%	12,682	
All Schools 2000	25.1	73.1	1.8	14,096	
All Schools 2001	21.1	76.5	2.4	14,161	
Literature reviews/critiques					
All Schools 1999	26.4	71.1	2.5	12,684	
All Schools 2000	27.3	70.0	2.7	14,106	
All Schools 2001	24.1	73.0	2.9	14,161	
Interpretation of laboratory results					
All Schools 1999	15.8	83.7	0.5	12,683	
All Schools 2000	15.4	83.9	0.6	14,098	
All Schools 2001	14.4	84.5	1.1	14,158	
Decision analysis					
All Schools 1999	22.9	76.7	0.4	12,681	
All Schools 2000	21.1	78.0	0.9	14,082	
All Schools 2001	19.7	78.9	1.4	14,137	
<b>Population Based Medicine</b>					
Public health and community medicine					
All Schools 1999	33.0	62.3	4.6	12,680	
All Schools 2000	32.3	62.8	4.9	14,095	
All Schools 2001	27.3	69.2	3.5	14,165	
Role of community health and social service agencies					
All Schools 1999	41.6	55.4	3.0	12,680	
All Schools 2000	41.6	55.1	3.3	14,094	
All Schools 2001	36.7	60.9	2.4	14,159	
Health promotion and disease prevention					
All Schools 1999	20.6	77.5	1.8	12,681	
All Schools 2000	19.2	79.0	1.8	14,097	
All Schools 2001	16.6	81.9	1.6	14,162	

18. Do you believe that the time devoted to your instruction in the following areas was inadequate, appropriate, or excessive:

	Ratings			Count	Appropriate Instruction Time Provided in 1999 2000 2001
	Inadequate	Appropriate	Excessive		
<b>Population Based Medicine</b>					
Screening for diseases					
All Schools 1999	13.8%	85.3%	0.9%	12,679	
All Schools 2000	11.3	87.5	1.2	14,095	
All Schools 2001	8.7	90.1	1.2	14,164	
Infectious disease prevention					
All Schools 1999	15.5	83.8	0.7	12,680	
All Schools 2000	14.2	85.0	0.8	14,090	
All Schools 2001	11.5	87.7	0.8	14,161	
Clinical epidemiology					
All Schools 1999	28.1	69.9	2.0	12,680	
All Schools 2000	27.7	70.0	2.2	14,100	
All Schools 2001	23.8	74.3	1.9	14,161	
Biostatistics					
All Schools 1999	34.1	62.6	3.3	12,679	
All Schools 2000	35.0	62.0	3.0	14,099	
All Schools 2001	30.6	66.4	3.0	14,160	
Women's health					
All Schools 1999	27.3	70.3	2.5	12,681	
All Schools 2000	24.8	72.3	2.9	14,090	
All Schools 2001	21.0	76.6	2.4	14,163	
Health issues for underserved populations					
All Schools 2000	35.3	61.7	3.0	13,990	
All Schools 2001	29.2	68.4	2.4	14,159	
Risk assessment and counseling					
All Schools 1999	40.5	58.7	0.7	12,681	
All Schools 2000	29.6	69.6	0.8	14,094	
All Schools 2001	25.4	73.9	0.7	14,159	

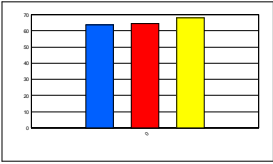
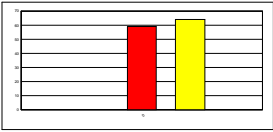
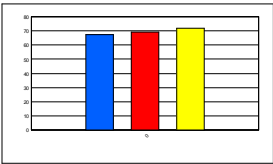
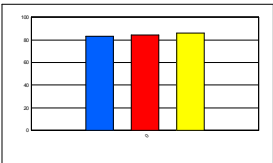
18. Do you believe that the time devoted to your instruction in the following areas was inadequate, appropriate, or excessive:

	Ratings			Count	Appropriate Instruction Time Provided in 1999 2000 2001
	Inadequate	Appropriate	Excessive		
<b>Population Based Medicine</b>					
Occupational medicine					
All Schools 1999	54.1%	44.7%	1.2%	12,678	
All Schools 2000	55.1	43.8	1.1	14,088	
All Schools 2001	52.1	47.0	0.9	14,157	
Cultural differences and health related behaviors/customs					
All Schools 2000	31.5	65.4	3.1	13,986	
All Schools 2001	32.8	63.8	3.4	14,157	
Culturally appropriate care for diverse populations					
All Schools 2000	33.8	63.4	2.9	13,982	
All Schools 2001	33.3	63.5	3.2	14,155	
<b>Practice of Medicine</b>					
Cost effective medical practice					
All Schools 1999	55.8	42.5	1.7	12,675	
All Schools 2000	50.8	46.8	2.4	14,094	
All Schools 2001	45.6	52.6	1.7	14,160	
Quality assurance in medicine					
All Schools 1999	56.6	42.7	0.7	12,675	
All Schools 2000	50.3	48.7	1.0	14,090	
All Schools 2001	42.8	56.3	0.9	14,157	
Practice management					
All Schools 1999	72.0	27.6	0.4	12,677	
All Schools 2000	66.3	33.1	0.6	14,076	
All Schools 2001	63.8	35.9	0.4	14,156	
Medical record-keeping					
All Schools 1999	52.4	46.4	1.2	12,678	
All Schools 2000	47.3	51.1	1.6	14,086	
All Schools 2001	45.0	53.5	1.4	14,158	

18. Do you believe that the time devoted to your instruction in the following areas was inadequate, appropriate, or excessive:

	Ratings			Count	Appropriate Instruction Time Provided in 1999 2000 2001
	Inadequate	Appropriate	Excessive		
<b>Practice of Medicine</b>					
Managed care					
All Schools 1999	59.5%	37.7%	2.8%	12,675	
All Schools 2000	55.5	41.3	3.2	14,077	
All Schools 2001	58.4	39.8	1.8	14,151	
<b>Other Medical Topics</b>					
Law and medicine					
All Schools 1999	54.6	44.3	1.0	12,681	
All Schools 2000	54.8	44.3	0.8	14,092	
All Schools 2001	54.9	44.6	0.5	14,164	
Behavioral sciences					
All Schools 1999	12.3	81.2	6.5	12,680	
All Schools 2000	10.9	82.4	6.7	14,096	
All Schools 2001	9.4	85.9	4.7	14,161	
Medical genetics					
All Schools 2000	19.1	79.4	1.5	13,989	
All Schools 2001	16.4	82.0	1.6	14,164	
Genetics counseling					
All Schools 1999	44.3	55.0	0.7	12,678	
All Schools 2000	41.4	57.8	0.9	14,085	
All Schools 2001	38.3	60.8	0.9	14,162	
Complementary and alternative medicine					
All Schools 1999	63.1	34.8	2.0	12,679	
All Schools 2000	57.6	39.8	2.5	14,092	
All Schools 2001	52.3	45.4	2.3	14,164	
Human sexuality					
All Schools 1999	27.9	68.2	3.9	12,680	
All Schools 2000	28.0	68.7	3.4	14,095	
All Schools 2001	25.9	71.0	3.1	14,161	

**18. Do you believe that the time devoted to your instruction in the following areas was inadequate, appropriate, or excessive:**

	Ratings			Count	Appropriate Instruction Time Provided in 1999 2000 2001
	Inadequate	Appropriate	Excessive		
<b>Other Medical Topics</b>					
<b>Family Dynamics</b>					
All Schools 1999	34.8%	63.6%	1.6%	12,678	
All Schools 2000	33.9	64.4	1.7	14,093	
All Schools 2001	30.9	67.9	1.2	14,163	
<b>Palliative care</b>					
All Schools 2000	39.9	59.3	0.9	13,993	
All Schools 2001	35.2	64.0	0.8	14,160	
<b>End of life care</b>					
All Schools 2001	34.5	64.3	1.2	14,161	(New in 2001)
<b>Family/domestic violence</b>					
All Schools 1999	31.1	67.2	1.7	12,677	
All Schools 2000	28.4	69.1	2.5	14,093	
All Schools 2001	26.4	71.8	1.8	14,157	
<b>Drug and alcohol abuse</b>					
All Schools 1999	13.8	82.9	3.3	12,679	
All Schools 2000	11.8	84.4	3.8	14,090	
All Schools 2001	10.9	85.8	3.3	14,158	

**19. Indicate your level of agreement with the following statements: (Scale: 1=Strongly Agree to 5=Strongly Disagree)**

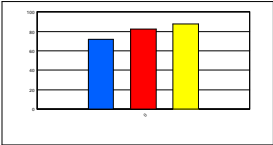
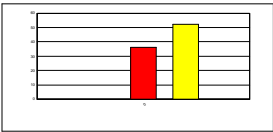
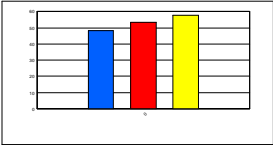
**I am confident that I have the appropriate knowledge and skills to:**

	Ratings					Mean	Count	Agreed or Strongly Agreed in 1999 2000 2001
	Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree			
<b>Communication Skills</b>								
<b>Discuss a prescription error I made with the patient</b>								
All Schools 2001	30.6%	57.3%	6.3%	5.2%	0.5%	1.9	14,157	(New in 2001)
<b>Provide safe sex counseling to a patient whose sexual orientation differs from mine</b>								
All Schools 2001	42.5	49.4	4.5	3.2	0.4	1.7	14,157	(New in 2001)

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

		Ratings					Mean	Count	Agreed or Strongly Agreed in		
		Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree			1999	2000	2001
<b>Communication Skills</b>											
Discuss treatment options with a woman with late-stage breast cancer											
All Schools	2001	25.0%	49.7%	9.6%	14.7%	1.0%	2.2	14,154	(New in 2001)		
Initiate discussion of DNR orders with a patient or family member											
All Schools	2001	32.0	51.9	7.3	8.0	0.8	1.9	14,157	(New in 2001)		
Negotiate with a patient who requests unnecessary tests											
All Schools	2001	29.2	61.6	5.8	3.0	0.3	1.8	14,153	(New in 2001)		
Assess the health practices of a patient using alternative therapies											
All Schools	2001	17.5	44.1	14.3	21.8	2.3	2.5	14,150	(New in 2001)		
<b>Technology Skills</b>											
Carry out reasonably sophisticated searches of medical information databases											
All Schools	1999	53.1	39.2	3.8	3.5	0.4	1.6	12,645			
All Schools	2000	51.7	41.7	3.5	2.8	0.3	1.6	13,965			
All Schools	2001	46.8	46.0	4.0	2.9	0.3	1.6	14,156			
Critically review a published research report											
All Schools	1999	23.9	47.7	12.7	14.6	1.2	2.2	12,645			
All Schools	2000	(Not asked in 2000)									
All Schools	2001	26.8	50.2	11.2	11.0	0.8	2.1	14,152			
Protect the confidentiality of private information obtained from patients and colleagues when the information is stored on a computer											
All Schools	1999	30.8	36.4	14.0	16.3	2.6	2.2	12,643			
All Schools	2000	37.3	40.9	10.5	9.7	1.5	2.0	13,952			
All Schools	2001	40.7	44.2	8.4	6.1	0.7	1.8	14,152			

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

		Ratings					Mean	Count	Agreed or Strongly Agreed in		
		Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree			1999	2000	2001
<b>Technology Skills</b>											
Use a computer-based clinical record keeping program, both for finding and recording patient-specific information											
All Schools	1999	31.3%	40.4%	11.9%	13.9%	2.5%	2.2	12,645			
All Schools	2000	39.2	43.5	7.8	8.0	1.5	1.9	13,957			
All Schools	2001	43.7	43.9	6.1	5.5	0.8	1.8	14,152			
Use a variety of forms of telemedicine											
All Schools	2000	12.1	24.3	27.6	29.1	6.9	2.9	13,853			
All Schools	2001	20.0	32.3	25.0	19.9	2.9	2.5	14,149			
Use a computerized clinical scheduling system											
All Schools	1999	14.8	33.3	21.1	25.7	5.1	2.7	12,640			
All Schools	2000	18.0	35.4	18.6	22.3	5.7	2.6	13,945			
All Schools	2001	23.1	34.7	19.9	19.2	3.1	2.4	14,149			
Use a personal digital assistant (PDA) for clinical purposes											
All Schools	2001	26.3	28.6	19.7	20.7	4.8	2.5	14,153	(New in 2001)		

**20. Were the following aspects of professionalism adequately emphasized during the course of your medical education? If so, where in the curriculum was the emphasis most likely to occur?**

		Ratings					Count	
		Pre-Clinical	Clinical	Preceptorship	Special Project	Role Modeling	Not Addressed	
A commitment to advocate at all times the interest of one's patients over one's own interests								
All Schools	2000	9.2%	58.6%	10.5%	1.0%	14.5%	6.2%	13,944
All Schools	2001	23.7	55.3	7.5	0.6	8.7	4.2	14,144
A commitment to advocate for access to health care for members of traditionally underserved populations								
All Schools	2000	5.0	53.5	8.8	6.4	10.9	15.3	13,924
All Schools	2001	23.6	45.2	7.3	6.4	7.0	10.5	14,135
The need to engage in lifelong learning to stay abreast of relevant scientific advances								
All Schools	2000	9.6	65.8	8.1	0.9	13.0	2.6	13,941
All Schools	2001	15.4	64.9	7.3	0.8	9.6	2.0	14,139

**20. Were the following aspects of professionalism adequately emphasized during the course of your medical education? If so, where in the curriculum was the emphasis most likely to occur?**

		Ratings					Count	
		Pre-Clinical	Clinical	Preceptorship	Special Project	Role Modeling		Not Addressed
The threats to medical professionalism posed by the conflicts of interest inherent in various financial and organizational arrangements for the practice of medicine								
All Schools	2000	10.4%	45.0%	12.6%	3.1%	7.1%	21.9%	13,916
All Schools	2001	17.8	50.9	10.6	1.5	5.2	13.9	14,137
The compassionate treatment of patients								
All Schools	2000	5.6	63.8	9.6	0.8	18.2	1.9	13,936
All Schools	2001	17.4	60.7	7.2	0.4	13.1	1.3	14,136
Respect for the privacy and dignity of patients								
All Schools	2000	6.6	67.1	8.2	0.9	15.2	2.1	13,932
All Schools	2001	19.5	62.8	5.8	0.4	10.1	1.4	14,134
Valuing honesty and integrity in all interactions with patients' families, colleagues, and others with whom physicians must interact in their professional lives								
All Schools	2000	6.1	64.1	8.1	0.9	17.3	3.5	13,930
All Schools	2001	17.5	61.5	5.9	0.4	12.0	2.6	14,132
The theories and principles that govern ethical decision making								
All Schools	2000	34.3	43.8	5.3	3.5	7.3	6.0	13,928
All Schools	2001	51.7	34.5	3.7	1.8	3.7	4.6	14,131
The major ethical dilemmas in medicine, particularly those that arise at the beginning and end of life and from the rapid expansion of knowledge in genetics								
All Schools	2000	33.0	46.8	4.3	3.8	5.1	7.0	13,919
All Schools	2001	45.4	40.8	3.6	2.0	2.9	5.3	14,132
The recognition and acceptance of limitations in one's knowledge and clinical skills, and a commitment to continuously improve one's knowledge and ability								
All Schools	2000	5.4	68.0	7.1	0.7	13.9	4.9	13,929
All Schools	2001	11.2	69.2	6.0	0.5	9.5	3.6	14,129

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

		Ratings					Mean	Count	Agreed or Strongly Agreed in		
		Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree			1999	2000	2001
I am confident that I have acquired the clinical skills required to begin a residency program.											
All Schools	1999	41.6%	46.3%	7.7%	3.9%	0.5%	1.8	12,647			
All Schools	2000	38.6	48.4	8.3	4.1	0.6	1.8	13,971			
All Schools	2001	39.8	52.5	4.8	2.6	0.4	1.7	14,147			
I have the fundamental understanding of the basic disease mechanisms, clinical presentation, and principles of diagnosis and management for the common conditions encountered in the major clinical disciplines.											
All Schools	2001	37.4	57.3	3.7	1.4	0.2	1.7	14,147		(New in 2001)	
I have the communication skills necessary to interact with patients and health professionals.											
All Schools	2001	65.1	33.1	1.5	0.2	0.1	1.4	14,147		(New in 2001)	
I have basic skills in clinical decision making and the application of evidence based information to medical practice.											
All Schools	2001	40.1	53.2	4.8	1.7	0.2	1.7	14,143		(New in 2001)	
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	2001	38.5	51.9	6.4	2.8	0.3	1.7	14,146		(New in 2001)	
I have the ethical and professional values that are expected of the profession.											
All Schools	2001	67.1	30.9	1.8	0.1	0.1	1.4	14,143		(New in 2001)	

**22. Indicate whether you agree or disagree with the following statements about your fourth year of medical education:  
(Scale: 1=Strongly Agree to 5=Strongly Disagree)**

		Ratings					Mean	Count	Agreed or Strongly Agreed in		
		Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree			1999	2000	2001
I received appropriate faculty guidance in the selection of fourth year elective activities.											
All Schools	2001	20.0%	40.9%	13.5%	18.8%	6.8%	2.5	14,150		(New in 2001)	
At my school, elective time in the fourth year should have been reduced.											
All Schools	2001	2.5	5.4	8.7	46.3	37.1	4.1	14,149		(New in 2001)	

**22. Indicate whether you agree or disagree with the following statements about your fourth year of medical education:  
(Scale: 1=Strongly Agree to 5=Strongly Disagree)**

		Ratings					Mean	Count	Agreed or Strongly Agreed in		
		Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree			1999	2000	2001
Additional required activities or selectives (e.g., courses, sessions, clerkships, etc.) should be added to the fourth year at my medical school.											
All Schools	2001	4.1%	10.0%	10.2%	41.5%	34.2%	3.9	14,145	(New in 2001)		
I would have been well prepared clinically to enter residency training without the fourth year.											
All Schools	2001	6.4	15.5	11.1	47.8	19.2	3.6	14,147	(New in 2001)		

**23a. Are you planning to become certified in a specialty or subspecialty?**

		All Schools		
		1999	2000	2001
		<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Yes		91.2	91.8	89.3
No		5.2	5.0	6.6
Undecided		3.6	3.2	4.1
		100.0	100.0	100.0
Number of responses		12,588	13,962	14,157

**23b. Choice of specialty/subspecialty:**

Allergy and Immunology or subspecialty	0.2	0.3	0.3
Anesthesiology or subspecialty	3.4	4.1	5.5
Colon and Rectal Surgery	0.1	0.1	0.1
Dermatology or subspecialty	2.1	2.4	2.5
Emergency Medicine or subspecialty	6.7	7.1	7.6
Family Practice or subspecialty	13.3	12.5	9.8
Internal Medicine	12.2	10.2	6.7
Internal Medicine subspecialty	8.7	9.5	11.7
Medical Genetics	0.1	0.0	0.1
Neurology or subspecialty	1.6	2.1	1.8
Neurological Surgery or subspecialty	0.8	1.0	0.9
Nuclear Medicine	0.0	0.0	0.0
Obstetrics and Gynecology	6.1	5.6	5.0
Obstetrics and Gynecology subspecialty	0.9	0.9	1.4
Ophthalmology	2.7	3.0	3.0
Orthopedic Surgery or subspecialty	4.7	4.5	4.8
Otolaryngology or subspecialty	1.9	1.9	1.8
Pathology or subspecialty	1.3	1.1	1.5
Pediatrics	10.1	9.6	8.0
Pediatrics subspecialty	2.4	2.3	3.7

**23b. Choice of specialty/subspecialty: (Continued)**

	All Schools		
	1999	2000	2001
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Physical Medicine and Rehabilitation	1.1	0.9	1.0
Preventive Medicine	0.1	0.1	0.1
Plastic Surgery	1.0	1.0	1.0
Psychiatry or subspecialty	3.6	3.8	4.3
Radiology or subspecialty	5.4	6.5	7.2
Surgery	5.4	5.7	4.9
Other surgical subspecialty	0.6	0.7	0.9
Thoracic Surgery	0.3	0.3	0.4
Urology	1.8	1.6	1.7
Other	1.6	1.3	2.1
	100.0	100.0	100.0
Number of responses	11,472	12,779	12,627

**24. To what degree did your level of educational debt influence your specialty choice?**

	All Schools	
	2000	2001
	<u>Percent</u>	<u>Percent</u>
No influence	70.3	69.4
Minor influence	16.5	16.7
Moderate influence	8.9	9.2
Strong influence	4.3	4.6
	100.0	100.0
Number of responses	13,855	14,157

**25. To what degree did career planning activities at your medical school influence your specialty choice?**

	All Schools
	2001
	<u>Percent</u>
No influence	66.6
Minor influence	23.2
Moderate influence	7.6
Strong influence	2.6
	100.0
Number of responses	14,159

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

	All Schools		
	1999	2000	2001
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Full-time University Faculty: Basic science teaching/research	1.3	0.8	0.9
Full-time University Faculty: Clinical teaching/research	27.7	26.8	27.8
Full-time Clinical Practice: Solo practice	1.3	1.8	1.7
Full-time Clinical Practice: In partnership with one physician	4.1	3.8	3.8
Full-time Clinical Practice: In a group of 3 or more	36.8	36.8	35.5
Full-time Clinical Practice: Join a closed panel HMO	2.0	1.2	1.1
Full-time Clinical Practice: Salaried, hospital	5.3	7.1	7.0
Other: State or federal agency	4.3	4.2	4.0
Other: Medical/healthcare administration, without practice	0.4	0.5	0.5
Other: Non-university research scientist	0.5	0.3	0.1
Other	2.0	2.5	2.5
Undecided	14.2	14.3	15.0
	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>
Number of responses	12,588	13,937	14,158
<b>Subtotals for Career Activity Areas:</b>			
Full-time University Faculty	29.0	27.5	28.7
Full-time (non-academic) Clinical Practice	49.5	50.7	49.2
Other	7.3	7.4	7.1
Undecided	14.2	14.3	15.0
	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>
Number of responses	12,588	13,937	14,158
<b>27. How extensively do you expect to be involved in research during your medical career?</b>			
Exclusively		0.3	0.5
Significantly involved		11.4	11.4
Somewhat involved		37.4	37.7
Involved in a limited way		43.6	42.7
Not involved		7.2	7.7
		<u>100.0</u>	<u>100.0</u>
Number of responses		13,856	14,159
<b>28a. Do you plan to locate your practice in an underserved area?</b>			
Yes	22.8	22.4	22.3
No	38.2	36.5	38.3
Undecided	39.0	41.1	39.5
	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>
Number of responses	12,587	13,957	14,159

**28b. If yes, indicate the likely location:**

	All Schools		
	1999	2000	2001
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Rural community	45.8	44.8	43.0
Inner-city community	46.4	47.7	49.0
Other	7.9	7.5	7.9
	100.0	100.0	100.0
Number of responses	2,867	3,084	3,148

**29. Where do you plan to practice? (New in 2001)**

**Note: Puerto Rico was inadvertently omitted as a possible location to practice on the 2001 GQ.**

	<u>Percent</u>
Alabama	1.2
Alaska	0.3
Arizona	1.5
Arkansas	0.5
California	14.8
Colorado	2.5
Connecticut	0.9
Delaware	0.2
District of Columbia	1.6
Florida	4.8
Georgia	2.1
Hawaii	0.8
Idaho	0.3
Illinois	4.9
Indiana	1.4
Iowa	0.6
Kansas	0.7
Kentucky	1.3
Louisiana	1.4
Maine	0.6
Maryland	2.4
Massachusetts	3.7
Michigan	2.4
Minnesota	2.1
Mississippi	0.6
Missouri	1.1
Montana	0.5
Nebraska	0.8
Nevada	0.3
New Hampshire	0.2
New Jersey	1.7
New Mexico	0.6
New York	10.2
North Carolina	3.5
North Dakota	0.2
Ohio	2.9
Oklahoma	0.3
Oregon	1.5
Pennsylvania	3.8

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

Note: Puerto Rico was inadvertently omitted as a possible location to practice on the 2001 GQ.

	All Schools	
	2001	
	<u>Percent</u>	
Rhode Island	0.2	
South Carolina	1.3	
South Dakota	0.3	
Tennessee	1.2	
Texas	6.8	
Utah	0.8	
Vermont	0.5	
Virginia	2.8	
Washington	2.1	
West Virginia	0.6	
Wisconsin	1.3	
Wyoming	0.2	
Alberta	0.1	
British Columbia	0.0	
Manitoba	0.0	
Newfoundland	0.0	
New Brunswick	0.0	
Nova Scotia	0.0	
Ontario	0.0	
Prince Edward Island	0.2	
Quebec	0.1	
Saskatchewan	0.5	
	100.0	
Number of responses	13,899	

30. Indicate your level of satisfaction with the following:

	Ratings					Mean	Count	Satisfied or Very Satisfied in		
	Very Satisfied		No Opinion		Very Dissatisfied			1999	2000	2001
<b>Administration (e.g., Dean of Students, Associate Dean for Student Services)</b>										
Accessibility to administration										
All Schools	1999	35.8%	44.1%	8.9%	8.4%	2.8%	2.0	12,618		
All Schools	2000	34.8	44.6	9.3	8.5	2.8	2.0	13,940		
All Schools	2001	35.8	44.1	9.4	7.6	3.1	2.0	14,151		
Awareness of student problems by administration										
All Schools	1999	24.1	41.9	13.0	15.4	5.6	2.4	12,619		
All Schools	2000	22.8	43.0	13.1	15.3	5.8	2.4	13,933		
All Schools	2001	25.1	43.3	12.4	13.4	5.8	2.3	14,146		

30. Indicate your level of satisfaction with the following: (Continued)

		Ratings					Mean	Count	Satisfied or Very Satisfied in		
		Very Satisfied	Satisfied	No Opinion	Dissatisfied	Very Dissatisfied			1999	2000	2001
<b>Administration (e.g., Dean of Students, Associate Dean for Student Services)</b>											
Participation of students on key medical school committees											
All Schools	1999	27.1%	46.2%	17.7%	6.6%	2.4%	2.1	12,620			
All Schools	2000	26.6	47.2	17.4	6.7	2.2	2.1	13,936			
All Schools	2001	28.1	47.3	16.7	5.7	2.1	2.1	14,150			
Responsiveness of administration to student problems											
All Schools	2001	24.1	40.5	15.0	13.9	6.5	2.4	14,146	(New in 2001)		
<b>Student Support</b>											
Academic counseling											
All Schools	1999	21.5	39.2	23.8	11.3	4.2	2.4	12,619			
All Schools	2000	20.6	40.5	23.9	10.9	4.1	2.4	13,936			
All Schools	2001	19.5	41.1	23.5	11.5	4.4	2.4	14,146			
Tutorial help											
All Schools	1999	19.0	36.8	35.5	6.5	2.2	2.4	12,617			
All Schools	2000	18.9	37.0	35.2	6.6	2.3	2.4	13,930			
All Schools	2001	18.2	36.1	38.3	5.2	2.1	2.4	14,144			
Personal counseling											
All Schools	1999	17.2	32.1	38.6	8.6	3.6	2.5	12,618			
All Schools	2000	17.7	32.3	37.4	8.7	3.9	2.5	13,930			
All Schools	2001	18.2	33.3	38.9	6.7	2.8	2.4	14,143			
Financial aid administrative services											
All Schools	1999	30.0	37.1	19.2	8.9	4.9	2.2	12,620			
All Schools	2000	28.5	38.9	18.9	8.3	5.4	2.2	13,932			
All Schools	2001	28.4	38.9	19.1	8.5	5.2	2.2	14,147			
Overall educational debt management counseling											
All Schools	2000	16.4	33.8	30.8	13.3	5.7	2.6	13,828			
All Schools	2001	17.2	35.0	30.1	12.4	5.2	2.5	14,147			

30. Indicate your level of satisfaction with the following: (Continued)

		Ratings					Mean	Count	Satisfied or Very Satisfied in		
		Very Satisfied	Satisfied	No Opinion	Dissatisfied	Very Dissatisfied			1999	2000	2001
<b>Student Support</b>											
Senior loan exit interview											
All Schools	2000	12.9%	22.5%	59.6%	2.7%	2.3%	2.6	13,795			
All Schools	2001	13.5	22.2	59.7	2.7	1.9	2.6	14,124			
Faculty mentoring											
All Schools	1999	22.0	39.8	18.4	14.7	5.0	2.4	12,615			
All Schools	2000	22.9	42.1	17.9	12.5	4.6	2.3	13,930			
All Schools	2001	22.2	41.0	18.4	13.7	4.7	2.4	14,141			
<b>Career Planning Services</b>											
Career assessment activities											
All Schools	2001	9.1	36.1	33.7	16.1	5.1	2.7	14,145	(New in 2001)		
Information about specialties and alternative medical careers											
All Schools	2001	10.0	37.3	25.4	20.6	6.7	2.8	14,142	(New in 2001)		
Availability of personnel providing career planning											
All Schools	2001	11.0	33.6	30.4	18.7	6.2	2.8	14,138	(New in 2001)		
Other resources available for career planning purposes											
All Schools	2001	9.6	32.7	36.0	16.0	5.7	2.8	14,136	(New in 2001)		
<b>Student Health</b>											
Student health services											
All Schools	1999	15.8	43.6	19.0	15.0	6.5	2.5	12,617			
All Schools	2000	15.1	44.2	19.5	14.4	7.0	2.5	13,940			
All Schools	2001	15.1	45.4	18.7	13.7	7.1	2.5	14,146			
Student health insurance											
All Schools	1999	10.1	33.4	24.5	20.6	11.3	2.9	12,616			
All Schools	2000	9.2	32.9	25.1	20.3	12.5	2.9	13,937			
All Schools	2001	9.9	33.5	23.3	19.9	13.3	2.9	14,147			

30. Indicate your level of satisfaction with the following: (Continued)

		Ratings					Mean	Count	Satisfied or Very Satisfied in		
		Very Satisfied	Satisfied	No Opinion	Dissatisfied	Very Dissatisfied			1999	2000	2001
<b>Student Health</b>											
Education about exposure to and prevention of infectious disease											
All Schools	1999	18.4%	59.2%	15.7%	5.3%	1.5%	2.1	12,615			
All Schools	2000	18.3	60.6	15.2	4.5	1.4	2.1	13,930			
All Schools	2001	17.1	57.8	17.8	5.2	2.0	2.2	14,141			
<b>Other Student Services</b>											
Library											
All Schools	1999	35.8	47.0	4.5	9.2	3.4	2.0	12,619			
All Schools	2000	33.2	48.8	5.0	9.0	3.9	2.0	13,942			
All Schools	2001	35.3	48.0	4.3	8.9	3.5	2.0	14,149			
Computer resource center											
All Schools	1999	38.0	46.7	5.6	7.3	2.5	1.9	12,617			
All Schools	2000	35.5	48.9	6.1	6.8	2.7	1.9	13,925			
All Schools	2001	37.4	48.6	5.1	6.5	2.4	1.9	14,147			
Student study space											
All Schools	1999	23.0	41.6	9.6	18.0	7.8	2.5	12,618			
All Schools	2000	23.4	43.5	9.5	16.2	7.4	2.4	13,943			
All Schools	2001	25.4	42.9	8.2	16.7	6.8	2.4	14,146			
Student relaxation space											
All Schools	1999	17.3	36.7	14.1	21.6	10.3	2.7	12,611			
All Schools	2000	17.8	38.8	13.9	19.7	9.8	2.6	13,930			
All Schools	2001	18.6	38.2	13.7	20.3	9.2	2.6	14,146			

31. Are you aware that your school has a mistreatment policy?

	All Schools	
	2000	2001
Yes	49.8	67.3
No	50.2	32.7
	100.0	100.0
Number of responses	13,706	14,133

**32. Have you personally been mistreated during medical school?**

	All Schools	
	2000	2001
Yes	<u>Percent</u> 20.0	<u>Percent</u> 17.1
No	<u>Percent</u> 80.0	<u>Percent</u> 82.9
	100.0	100.0
Number of responses	13,813	14,133

**32a. For each of the following types of mistreatment, indicate the frequency you experienced it personally:**

	Ratings				Count
	Never	Once	Occasionally	Frequently	
<b>General Mistreatment</b>					
Been publicly belittled or humiliated?					
All Schools 2000	15.9%	26.4%	52.8%	4.8%	2,851
All Schools 2001	14.0	25.0	54.3	6.7	2,404
Been threatened with physical harm or been physically punished (e.g., hit, slapped, kicked)?					
All Schools 2000	90.3	7.5	1.9	0.2	2,849
All Schools 2001	90.9	6.8	1.7	0.5	2,403
Been required to perform personal services (e.g., shopping, babysitting)?					
All Schools 2000	79.1	9.8	10.5	0.6	2,851
All Schools 2001	74.8	11.7	12.2	1.3	2,403
<b>Sexual Mistreatment</b>					
Been denied opportunities for training or rewards because of your gender?					
All Schools 2000	82.8	6.5	9.5	1.3	2,847
All Schools 2001	81.3	6.5	10.6	1.5	2,404
Been asked to exchange sexual favors for grades or other awards?					
All Schools 2000	98.4	1.2	0.4	0.1	2,849
All Schools 2001	98.1	1.0	0.5	0.4	2,403
Been subjected to unwanted sexual advances by school personnel?					
All Schools 2000	87.3	7.2	4.9	0.6	2,848
All Schools 2001	85.3	7.7	6.1	0.9	2,404

## 32a. For each of the following types of mistreatment, indicate the frequency you experienced it personally: (Continued)

	Ratings				Count
	Never	Once	Occasionally	Frequently	
<b>Sexual Mistreatment</b>					
Been subjected to offensive sexist remarks/names directed at you personally?					
All Schools 2000	73.6%	9.5%	15.4%	1.5%	2,852
All Schools 2001	70.6	11.2	16.0	2.2	2,404
Received lower evaluations or grades solely because of your gender rather than performance?					
All Schools 2000	80.8	11.9	6.4	0.9	2,845
All Schools 2001	79.2	12.1	7.4	1.2	2,404
<b>Racial/Ethnic Mistreatment</b>					
Been denied opportunities for training or rewards because of your race or ethnicity?					
All Schools 2000	88.0	4.2	5.9	1.9	2,842
All Schools 2001	87.9	3.5	6.1	2.5	2,402
Been subjected to racially or ethnically offensive remarks/names directed at you personally?					
All Schools 2000	84.2	7.0	7.6	1.2	2,842
All Schools 2001	82.6	7.0	9.0	1.5	2,402
Received lower evaluations or grades solely because of your race or ethnicity rather than performance?					
All Schools 2000	87.7	6.2	4.9	1.2	2,840
All Schools 2001	87.0	4.5	6.5	2.0	2,401
<b>Sexual Orientation Mistreatment</b>					
Been denied opportunities for training or rewards because of your sexual orientation?					
All Schools 2000	98.0	0.6	1.1	0.3	2,838
All Schools 2001	97.8	0.7	0.9	0.6	2,399
Been subjected to offensive remarks/names directed at you personally because of your sexual orientation?					
All Schools 2000	96.3	1.3	1.9	0.5	2,839
All Schools 2001	95.5	1.6	2.1	0.8	2,401
Received lower evaluations or grades solely because of your sexual orientation rather than performance?					
All Schools 2000	98.1	0.9	0.7	0.3	2,838
All Schools 2001	97.9	0.9	0.9	0.4	2,397

**32b. If you experienced mistreatment during medical school, please identify the source:**

**Note: The divisor in computing percentages is the count of Yes responses in Question 32 above. Percentages may not sum to 100% as multiple responses are allowed.**

	All Schools	
	2000	2001
	<u>Percent</u>	<u>Percent</u>
Preclinical Faculty	13.7	12.7
Clinical Faculty (in classroom)	10.2	10.6
Clinical Faculty (in hospital)	67.5	68.6
Residents/Interns	72.5	74.1
Nurses	39.5	35.3
Administrators	11.7	11.5
Students	17.5	17.7
Patients	25.7	27.9

**32c. 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>
Yes	31.4	29.4
No	68.6	70.6
	100.0	100.0
Number of responses	2,850	2,403

**32d. Whom did you tell about your experience(s) of mistreatment?**

**Note: The divisor in computing percentages is the count of Yes responses in Question 32c above. Percentages may not sum to 100% as multiple responses are allowed.**

	<u>Percent</u>	<u>Percent</u>
Dean of Students	37.8	36.7
Designated counselor/advocate	18.8	15.3
Other medical school administrator	27.6	29.0
Faculty member	53.4	59.8
Other	17.8	16.0

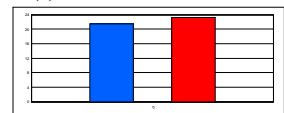
**32e. If you did not report the incident(s), why not?**

**Note: The divisor in computing percentages is the count of No responses in Question 32c above. Percentages may not sum to 100% as multiple responses are allowed.**

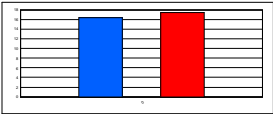
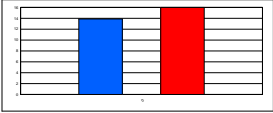
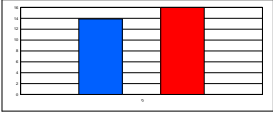
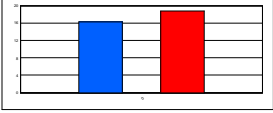
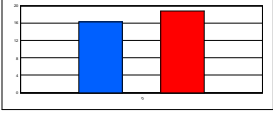
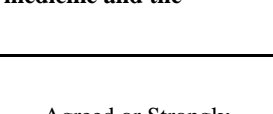
	<u>Percent</u>
Incident(s) did not seem important enough to report	49.2
Did not know what to do	20.9
Fear of reprisal	43.1
Other	23.9

**32f. How satisfied are you with the application of your school's student mistreatment procedures:**

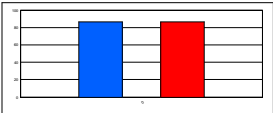
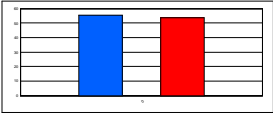
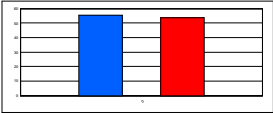
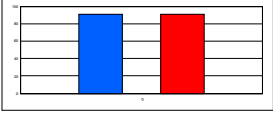
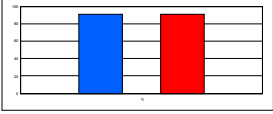
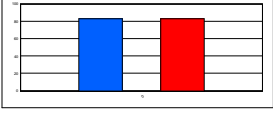
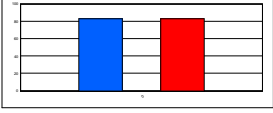

	Ratings					Mean	Count	Satisfied or Very Satisfied in	
	Very Satisfied	Satisfied	No Opinion	Dissatisfied	Very Dissatisfied			2000	2001
	Provided a non-threatening and easily accessible mechanism for the submission and processing of your complaint(s)								
All Schools 2000	6.8%	14.6%	54.3%	14.5%	9.9%	3.1	2,728		
All Schools 2001	7.3	15.9	50.9	16.2	9.7	3.1	2,394		



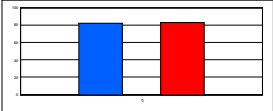
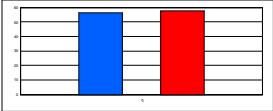
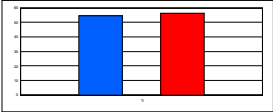
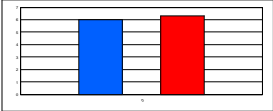
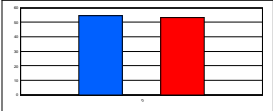
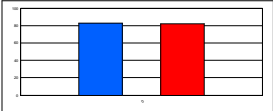
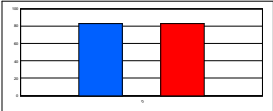
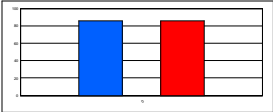
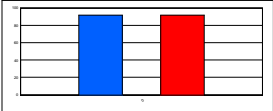
**32f. How satisfied are you with the application of your school's student mistreatment procedures: (Continued)**

	Ratings					Mean	Count	Satisfied or Very Satisfied in	
	Very Satisfied	Satisfied	No Opinion	Dissatisfied	Very Dissatisfied			2000	2001
<b>Objectively determined if further investigation was warranted</b>									
All Schools 2000	5.4%	11.0%	62.6%	12.0%	9.0%	3.1	2,727		
All Schools 2001	5.4	12.0	62.1	10.8	9.7	3.1	2,392		
<b>Equitably investigated and adjudicated complaint(s)</b>									
All Schools 2000	4.8	9.0	64.9	11.6	9.7	3.1	2,724		
All Schools 2001	4.9	11.1	62.7	11.0	10.2	3.1	2,391		
<b>Appropriately protected your rights</b>									
All Schools 2000	5.3	11.0	62.4	11.5	9.8	3.1	2,723		
All Schools 2001	6.0	12.8	59.2	11.9	10.0	3.1	2,391		

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

	Ratings					Mean	Count	Agreed or Strongly Agreed in	
	Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree			2000	2001
<b>Medicine will not be as financially rewarding in the future as in the past</b>									
All Schools 2000	37.6%	49.0%	7.7%	5.1%	0.7%	1.8	13,812		
All Schools 2001	35.2	51.4	7.5	5.3	0.5	1.8	14,145		
<b>Physicians will not receive the same respect from society in the future as they have in the past</b>									
All Schools 2000	18.0	37.3	10.8	30.2	3.7	2.6	13,801		
All Schools 2001	16.6	37.2	10.7	31.3	4.2	2.7	14,142		
<b>Changes in the health care system are impairing physician independence</b>									
All Schools 2000	38.6	52.6	5.9	2.7	0.3	1.7	13,808		
All Schools 2001	36.0	54.9	6.2	2.7	0.1	1.8	14,143		
<b>The administrative requirements of the health care financing system are too burdensome on physicians</b>									
All Schools 2000	34.3	48.8	12.8	3.8	0.2	1.9	13,806		
All Schools 2001	32.7	49.7	13.0	4.5	0.2	1.9	14,141		

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

		Ratings							Agreed or Strongly Agreed in	
		Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree	Mean	Count	2000	2001
<b>Physicians' legal liabilities and the high cost of malpractice insurance are major problems</b>										
All Schools	2000	35.8%	46.3%	13.2%	4.5%	0.2%	1.9	13,807		
All Schools	2001	34.4	48.1	12.8	4.6	0.1	1.9	14,139		
<b>The demands of a physician's work interfere too much with family relations</b>										
All Schools	2000	16.5	39.7	22.2	20.9	0.7	2.5	13,804		
All Schools	2001	16.9	40.5	22.1	20.0	0.6	2.5	14,139		
<b>The demands of a physician's work interfere too much with other interests and pursuits</b>										
All Schools	2000	15.3	39.0	23.0	22.0	0.7	2.5	13,800		
All Schools	2001	15.9	40.3	21.7	21.5	0.6	2.5	14,140		
<b>Specialists are less important than primary care physicians</b>										
All Schools	2000	1.5	4.5	13.8	51.3	29.0	4.0	13,804		
All Schools	2001	1.7	4.6	13.5	52.4	27.8	4.0	14,143		
<b>Physicians who work hard will always be able to build a successful practice</b>										
All Schools	2000	11.1	43.2	19.7	23.5	2.5	2.6	13,805		
All Schools	2001	10.5	42.6	19.7	24.8	2.5	2.7	14,137		
<b>Having interesting and intelligent colleagues is a major benefit of being a physician</b>										
All Schools	2000	33.3	49.4	12.2	4.1	0.9	1.9	13,802		
All Schools	2001	32.5	49.6	12.4	4.7	0.9	1.9	14,141		
<b>Access to medical care continues to be a major problem in the United States</b>										
All Schools	2000	36.0	46.6	8.8	7.0	1.6	1.9	13,802		
All Schools	2001	36.1	46.5	9.4	7.0	1.1	1.9	14,141		
<b>Everyone is entitled to receive adequate medical care regardless of his or her ability to pay</b>										
All Schools	2000	43.8	41.8	8.4	4.5	1.5	1.8	13,795		
All Schools	2001	42.9	42.7	8.7	4.5	1.3	1.8	14,140		
<b>Physicians have an opportunity to exercise greater influence on health promotion and disease prevention</b>										
All Schools	2000	42.1	49.7	6.2	1.7	0.3	1.7	13,794		
All Schools	2001	40.8	50.9	6.4	1.6	0.3	1.7	14,137		

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

	Ratings					Mean	Count	Agreed or Strongly Agreed in	
	Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree			2000	2001
Advances in the biomedical sciences and their application to the care of patients will make the practice of medicine more challenging and rewarding in the future									
All Schools 2000	32.6%	53.1%	12.3%	1.8%	0.3%	1.8	13,797		
All Schools 2001	35.0	53.1	9.8	1.9	0.2	1.8	14,136		
Cure of disease is the most important purpose of medicine									
All Schools 2000	3.9	19.7	20.7	47.0	8.8	3.4	13,801		
All Schools 2001	4.3	20.0	19.5	48.0	8.3	3.4	14,140		
Relief of patient suffering is the most important pursuit of medicine									
All Schools 2000	21.5	48.3	17.9	11.4	0.9	2.2	13,798		
All Schools 2001	24.8	47.0	16.1	11.4	0.8	2.2	14,137		

**34. Did you receive any scholarships or grants (not loans) for medical school?**

	All Schools		
	1999	2000	2001
No	45.9	45.4	48.5
Yes	54.1	54.6	51.5
	100.0	100.0	100.0
Number of responses	12,566	13,884	14,133

**35. Do you have any outstanding educational loans for your college/premedical education, which you are legally required to repay?**

No	66.3	65.3	64.2
Yes	33.7	34.7	35.8
	100.0	100.0	100.0
Number of responses	12,512	13,818	14,108

**Premedical Debt Categories**

No debt	66.3	65.3	64.2
\$ 1 to \$ 24,999	28.5	28.1	27.6
\$ 25,000 to \$ 49,999	3.7	4.8	5.7
\$ 50,000 to \$ 74,999	0.9	1.1	1.5
\$ 75,000 to \$ 99,999	0.3	0.4	0.4
\$100,000 to \$124,999	0.3	0.2	0.3
\$125,000 to \$149,999	0.0	0.0	0.1
\$150,000 to \$174,999	0.1	0.1	0.1

**35. Do you have any outstanding educational loans for your college/premedical education, which you are legally required to repay?  
Premedical Debt Categories (Continued)**

	All Schools		
	1999	2000	2001
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
\$175,000 to \$199,999	0.0	0.0	0.0
\$200,000 or more	0.0	0.0	0.0
	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>
Number of responses	12,512	13,818	14,108
Average premedical debt of all students	\$5,213	\$5,908	\$6,834
Average premedical debt of indebted students	\$15,448	\$17,031	\$19,115

**36. Do you have any outstanding loans for your medical school education, which you are legally required to repay?**

No	17.4	16.5	18.7
Yes	82.6	83.5	81.3
	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>
Number of responses	12,474	13,772	14,088
<b>Medical School Debt Categories</b>			
No debt	17.4	16.5	18.7
\$ 1 to \$ 24,999	5.9	5.8	5.1
\$ 25,000 to \$ 49,999	11.7	10.8	10.0
\$ 50,000 to \$ 74,999	15.6	14.4	13.1
\$ 75,000 to \$ 99,999	19.4	18.2	16.5
\$100,000 to \$124,999	14.8	17.7	18.1
\$125,000 to \$149,999	5.5	5.7	6.0
\$150,000 to \$174,999	6.3	7.0	7.4
\$175,000 to \$199,999	2.1	2.2	2.6
\$200,000 or more	1.4	1.9	2.4
	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>
Number of responses	12,474	13,772	14,088
Average medical school debt of all students	\$70,906	\$74,411	\$75,376
Average medical school debt of indebted students	\$85,863	\$89,089	\$92,717

**Total Educational Debt Categories**

No debt	16.4	15.7	17.2
\$ 1 to \$ 24,999	5.9	5.8	5.1
\$ 25,000 to \$ 49,999	10.9	10.0	9.1
\$ 50,000 to \$ 74,999	14.3	12.8	12.2
\$ 75,000 to \$ 99,999	19.0	17.3	15.8
\$100,000 to \$124,999	15.2	17.4	17.1
\$125,000 to \$149,999	6.8	7.7	8.4
\$150,000 to \$174,999	6.8	7.2	7.8
\$175,000 to \$199,999	2.7	3.2	3.8
\$200,000 or more	2.1	2.8	3.6
	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>
Number of responses	12,518	13,837	14,069

**36. Do you have any outstanding loans for your medical school education, which you are legally required to repay?****Total Educational Debt Categories (Continued)**

	All Schools		
	1999	2000	2001
Average total educational debt of all students	\$75,842	\$79,932	\$82,232
Average total educational debt of indebted students	\$90,566	\$94,674	\$99,089

**37. Do you have any debts other than educational (e.g., credit cards, car loan, etc.)?**

	Percent	Percent	Percent
No	56.8	58.7	60.2
Yes	43.2	41.3	39.8
	100.0	100.0	100.0
Number of responses	12,498	13,774	14,087
<b>Non-Educational Debt Categories</b>			
No debt	56.8	58.7	60.2
\$ 1 to \$ 4,999	12.4	10.3	9.8
\$ 5,000 to \$ 9,999	9.9	9.7	8.9
\$10,000 to \$14,999	7.8	7.7	7.0
\$15,000 to \$24,999	6.7	6.7	6.9
\$25,000 or more	6.5	6.9	7.1
	100.0	100.0	100.0
Number of responses	12,498	13,774	14,087
Average non-educational debt of all students	\$7,345	\$7,765	\$7,807
Average non-educational debt of indebted students	\$16,988	\$18,780	\$19,605

**Other Institutional Information****Control of medical school:**

Private	41.5	39.5	40.5
Public	58.5	60.5	59.5
	100.0	100.0	100.0
Number of responses	12,734	14,416	14,206

**Region of medical school:**

Northeast	32.2	30.7	31.7
South	28.9	30.7	29.6
Midwest	28.0	27.5	27.3
West	10.9	11.1	11.3
	100.0	100.0	100.0
Number of responses	12,734	14,416	14,206

**Release of data to school:**

No, do not release data	31.6	23.2	23.9
Yes, release data	68.4	76.8	76.1
	100.0	100.0	100.0
Number of responses	12,734	14,416	14,206