APPENDIX I

School Questionnaire. The question-

naire was sent in February 2011 to

Medical Schools in the United States, 2010-2011

Barbara Barzansky, PhD the deans of the 131 LCMEaccredited medical schools with Sylvia I. Etzel enrolled students. There was a 100% response rate. Each questionnaire HE FOLLOWING TABLES CONwas reviewed and attempts were tain data derived mainly from the 2010-2011 Liaison Author Affiliations: Divisions of Undergraduate and Graduate Medical Education, American Medical As-Committee on Medical Edusociation, Chicago, Illinois. reported. cation (LCME) Annual Medical Funding/Support: This research was funded solely by the American Medical Association, which employs Dr

Barzansky and Ms Etzel.

made to verify information and obtain missing data. Data for years other than 2010-2011 were obtained from previous LCME Annual Medical School Questionnaires.

completed and submitted the ICMJE Form for Disclosure of Potential Conflicts of Interest and none were

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Appendix I, Table 1. US Medical School Enrollments for Academic Year 2010-2011 by Percentage of First-Year State Residents and by Sex for All Students

Conflict of Interest Disclosures: Both authors have

			Medical \$	School	Enrollme	nt by S	Sex	
	First-Year State	Firs	st Year	Intern	nediate ^a		imated duates	Total
Name of Medical School (Ownership)	Residents, %	Men	Women	Men	Women	Men	Women	Enrollment
Alabama University of Alabama School of Medicine, Birmingham (public)	92.0	104	76	231	186	98	60	755
University of South Alabama College of Medicine, Mobile (public)	79.7	47	30	80	72	40	28	297
Arizona University of Arizona College of Medicine, Tucson (public)	86.0	89	77	142	181	56	84	629
Arkansas University of Arkansas for Medical Sciences College of Medicine, Little Rock (public)	86.2	107	67	175	142	95	48	634
California David Geffen School of Medicine at UCLA, Los Angeles (public)	83.5	99	89	189	190	106	70	743
Keck School of Medicine of the University of Southern California, Los Angeles (private)	72.0	91	87	174	163	96	69	680
Loma Linda University School of Medicine, Loma Linda (private)	49.7	101	77	225	119	90	73	685
Stanford University School of Medicine, Stanford (private)	47.7	43	43	153	121	42	54	456
University of California Davis School of Medicine, Davis (public)	97.9	46	50	100	142	39	57	434
University of California Irvine School of Medicine, Irvine (public)	94.3	51	54	125	107	54	49	440
University of California San Diego School of Medicine, La Jolla (public)	92.8	65	60	138	134	62	59	518
University of California San Francisco School of Medicine, San Francisco (public)	78.3	76	90	158	200	57	86	667
Colorado University of Colorado School of Medicine, Aurora (public)	78.1	82	78	169	154	74	66	623
Connecticut University of Connecticut School of Medicine, Farmington (public)	81.3	39	52	85	101	28	47	352
Yale University School of Medicine, New Haven (private)	8.0	51	49	101	100	37	44	382
District of Columbia George Washington University School of Medicine and Health Sciences (private)	1.7	89	100	140	207	70	102	708
Georgetown University School of Medicine (private)	2.0	106	91	214	196	95	99	801
Howard University College of Medicine (private)	25.2	55	60	100	129	51	57	452
								(continued)

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			Medical S	School	Enrollme	nt by	Sex	
	First Maar Otata	Firs	st Year	Intern	nediate ^a		imated duates	Tatal
Name of Medical School (Ownership)	First-Year State Residents, %	Men	Women	Men	Women	Men	Women	Total Enrollment
Florida Florida International University Herbert Wertheim College of Medicine, Miami (public)	86.0	28	16	27	14	0	0	85
Florida State University College of Medicine, Tallahassee (public)	100.0	71	51	113	129	48	66	478
University of Florida College of Medicine, Gainesville (public)	96.3	77	59	142	129	69	60	536
University of Central Florida College of Medicine, Orlando (public)	75.0	25	35	18	22	0	0	100
University of Miami Miller School of Medicine, Miami (private)	68.7	83	69	217	186	93	79	727
University of South Florida College of Medicine, Tampa (public)	91.7	71	51	112	127	60	54	475
Georgia	04.0	0.1	70		100		07	500
Emory University School of Medicine, Atlanta (private)	34.3	64	76	116	138	61	67	522
Georgia Health Sciences University, Medical College of Georgia, Augusta (public)	99.1	117	113	228	165	102	77	802
Mercer University School of Medicine, Macon (private)	100.0	51	53	94	89	41	24	352
Morehouse School of Medicine, Atlanta (private)	52.5	23	36	40	74	18	30	221
Hawaii University of Hawai'i at Manoa John A. Burns School of Medicine, Honolulu (public)	81.2	32	38	58	65	26	38	257
Illinois Chicago Medical School at the Rosalind Franklin University of Medicine and Science, North Chicago (private)	40.2	105	89	210	179	91	83	757
Loyola University of Chicago Stritch School of Medicine, Maywood (private)	48.0	72	79	134	158	71	71	585
Northwestern University Feinberg School of Medicine, Chicago (private)	25.9	89	83	203	163	83	91	712
Rush Medical College of Rush University Medical Center, Chicago (private)	75.6	65	73	140	137	64	57	536
Southern Illinois University School of Medicine, Springfield (public)	100.0	38	36	85	64	31	37	291
University of Chicago Division of Biological Sciences Pritzker School of Medicine, Chicago (private)	27.3	47	42	104	96	53	58	400
University of Illinois at Chicago College of Medicine, Chicago (public)	80.1	173	162	335	314	169	140	1293
Indiana Indiana University School of Medicine, Indianapolis (public)	84.5	195	144	354	271	171	132	1267
lowa University of Iowa Roy J. and Lucille A. Carver College of Medicine, Iowa City (public)	66.4	91	71	142	136	73	74	587
Kansas University of Kansas School of Medicine, Kansas City (public)	89.2	110	66	182	173	78	88	697
Kentucky University of Kentucky College of Medicine, Lexington (public)	76.7	71	55	138	93	58	37	452
University of Louisville School of Medicine, Louisville (public)	75.6	88	76	179	140	79	68	630
Louisiana								
Louisiana State University School of Medicine in New Orleans (public)	96.3	100	97	220	157	102	85	761
Louisiana State University School of Medicine in Shreveport (public)	100.0	66	52	130	105	70	42	465
Tulane University School of Medicine, New Orleans (private)	29.2	105	80	201	161	95	82	724
Maryland Johns Hopkins University School of Medicine, Baltimore (private)	11.7	59	62	126	116	55	45	463
Uniformed Services University of the Health Sciences F. Edward Hébert School of Medicine, Bethesda (public)	13.4	124	48	239	94	100	60	665
University of Maryland School of Medicine, Baltimore (public)	80.0	69	96	141	182	63	88	639
Massachusetts Boston University School of Medicine, Boston (private)	23.3	87	93	179	212	75	83	729
Harvard Medical School, Boston (private)	9.1	92	74	196	182	90	84	718
Tufts University School of Medicine, Boston (private)	27.1	107	96	216	179	94	83	775
University of Massachusetts Medical School, Worcester (public)	96.0	58	70	123	135	43	58	487

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(continued)

			Medical S	School	Enrollme	nt by \$	Sex	1
	First Manual Otata	Firs	st Year		nediate ^a	Gra	imated duates	Tabal
Name of Medical School (Ownership)	First-Year State Residents, %	Men	Women			Men	Women	Total Enrollment
Michigan Michigan State University College of Human Medicine, East Lansing (public)	78.0	119	99	167	156	65	80	686
University of Michigan Medical School, Ann Arbor (public)	51.8	86	85	184	177	84	96	712
Wayne State University School of Medicine, Detroit (public)	80.1	146	156	340	246	176	139	1203
Minnesota Mayo Medical School, Rochester (private)	37.5	21	27	47	47	32	15	189
University of Minnesota Medical School, Minneapolis (public)	89.1	117	117	269	257	123	115	998
Mississippi University of Mississippi School of Medicine, Jackson (public)	100.0	92	45	119	108	68	52	484
Missouri Saint Louis University School of Medicine, St Louis (private)	21.8	99	80	212	148	111	69	719
University of Missouri Columbia School of Medicine, Columbia (public)	86.4	55	50	92	99	52	41	389
University of Missouri Kansas City School of Medicine, Kansas City (public)	52.0	61	65	92	82	45	60	405
Washington University in St Louis School of Medicine, St Louis (private)	7.4	60	62	125	124	64	58	493
Nebraska Creighton University School of Medicine, Omaha (private)	15.3	83	70	130	122	66	54	525
University of Nebraska College of Medicine, Omaha (public)	89.9	76	53	145	111	68	42	495
Nevada University of Nevada School of Medicine, Reno (public)	95.2	38	28	60	65	33	22	246
New Hampshire Dartmouth Medical School, Hanover (private)	9.7	48	45	95	94	34	34	350
New Jersey University of Medicine and Dentistry of New Jersey-New Jersey Medical School, Newark (public)	97.7	100	86	233	157	98	80	754
University of Medicine and Dentistry of New Jersey-Robert Wood Johnson Medical School, Piscataway (public)	97.4	55	60	176	214	69	92	666
New Mexico University of New Mexico School of Medicine, Albuquerque (public)	99.0	51	52	64	87	39	41	334
New York Albany Medical College, Albany (private)	50.0	83	57	153	132	72	76	573
Albert Einstein College of Medicine of Yeshiva University, Bronx (private)	54.6	99	98	202	205	101	89	794
Columbia University College of Physicians and Surgeons, New York (private)	24.4	84	80	181	159	68	66	638
Mount Sinai School of Medicine, New York (private)	31.9	74	69	144	137	56	62	542
New York Medical College, Valhalla (private)	34.4	90	109	196	199	88	112	794
New York University School of Medicine, New York (private)	30.9	79	83	180	164	87	86	679
State University of New York Downstate Medical Center College of Medicine, Brooklyn (public)	84.2	108	82	204	202	99	94	789
State University of New York Upstate Medical University College of Medicine, Syracuse (public)	80.7	94	81	157	148	82	76	638
Stony Brook University Medical Center School of Medicine, Stony Brook (public)	76.6	69	57	141	121	56	62	506
University at Buffalo State University of New York School of Medicine and Biomedical Sciences, Buffalo (public)	74.3	79	66	139	145	65	75	569
University of Rochester School of Medicine and Dentistry, Rochester (private)	41.3	56	48	104	103	51	56	418
Weill Cornell Medical College, New York (private)	25.2	54	49	106	93	42	51	395 (continued)

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			Medical S	School	Enrollme	nt by S	Sex	
	-	Firs	st Year		nediate ^a	Gra	imated iduates	-
Name of Medical School (Ownership)	First-Year State Residents, %	Men	Women			Men	Women	Total Enrollment
North Carolina Duke University School of Medicine, Durham (private)	11.1	54	45	112	109	49	50	419
The Brody School of Medicine at East Carolina University, Greenville (public)	100.0	44	41	75	80	34	35	309
University of North Carolina at Chapel Hill School of Medicine, Chapel Hill (public)	86.9	88	73	153	183	73	80	650
Wake Forest School of Medicine, Winston-Salem (private)	42.5	65	55	125	120	60	58	483
North Dakota University of North Dakota School of Medicine and Health Sciences, Grand Forks (public)	77.4	37	29	46	74	37	18	241
Ohio Case Western Reserve University School of Medicine, Cleveland (private)	16.6	107	94	247	213	106	81	848
Northeast Ohio Medical University College of Medicine, Rootstown (public)	95.1	65	57	134	113	64	59	492
Ohio State University College of Medicine, Columbus (public)	59.5	125	102	228	194	126	88	863
University of Cincinnati College of Medicine, Cincinnati (public)	63.9	84	85	195	121	92	64	641
University of Toledo College of Medicine, Toledo (public)	72.2	98	78	192	158	87	74	687
Wright State University Boonshoft School of Medicine, Dayton (public)	76.2	57	50	108	113	47	53	428
Oklahoma University of Oklahoma College of Medicine, Oklahoma City (public)	89.3	97	71	199	128	98	65	658
Oregon Oregon Health & Science University School of Medicine, Portland (public)	74.2	55	69	108	132	47	59	470
Pennsylvania Drexel University College of Medicine, Philadelphia (private)	36.1	131	129	277	258	143	129	1067
Jefferson Medical College of Thomas Jefferson University, Philadelphia (private)	47.7	133	133	252	262	135	120	1035
Pennsylvania State University College of Medicine, Hershey (private)	48.2	70	74	141	135	69	73	562
Perelman School of Medicine at the University of Pennsylvania, Philadelphia (private)	21.0	82	82	159	142	72	75	612
Temple University School of Medicine, Philadelphia (private)	55.1	98	82	206	179	93	91	749
The Commonwealth Medical College, Scranton (private)	70.8	41	24	41	23	0	0	129
University of Pittsburgh School of Medicine, Pittsburgh (private)	26.3	78	70	176	127	72	79	602
Puerto Rico Ponce School of Medicine, Ponce (private)	82.2	34	39	67	59	29	31	259
San Juan Bautista School of Medicine, Caguas (private)	74.2	38	28	67	80	24	35	272
Universidad Central del Caribe School of Medicine, Bayamon (private)	84.6	29	37	70	71	34	31	272
University of Puerto Rico School of Medicine, San Juan (public)	100.0	51	67	87	128	49	49	431
Rhode Island Warren Alpert Medical School of Brown University, Providence (private)	4.1	43	58	93	117	46	54	411
South Carolina Medical University of South Carolina College of Medicine, Charleston (public)	87.2	93	81	193	132	105	61	665
University of South Carolina School of Medicine, Columbia (public)	80.0	42	51	84	81	42	40	340
South Dakota Sanford School of Medicine of the University of South Dakota, Sioux Falls (public)	92.6	32	22	64	47	25	26	216
Tennessee East Tennessee State University James H. Quillen College of Medicine, Johnson City (public)	94.4	35	38	70	58	28	29	258
Meharry Medical College, Nashville (private)	12.4	47	60	102	124	35	63	431
University of Tennessee Health Science Center College of Medicine, Memphis (public)	92.2	114	59	194	125	84	62	638
Vanderbilt University School of Medicine, Nashville (private)	22.9	51	55	115	118	52	45	436

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		ľ	Medical \$	School	Enrollme	nt by S	Sex	
	First Vacu State	Firs	t Year	Interm	nediate ^a		mated duates	Tatal
Name of Medical School (Ownership)	First-Year State Residents, %	Men	Women	Men	Women	Men	Women	Total Enrollment
Texas Baylor College of Medicine, Houston (private)	71.3	112	80	170	186	81	96	725
Texas A&M Health Science Center College of Medicine, College Station (public)	94.6	75	78	165	113	43	57	531
Texas Tech University Health Sciences Center School of Medicine, Lubbock (public)	91.6	83	68	159	119	90	59	578
Texas Tech University Health Sciences Center Paul L. Foster School of Medicine, El Paso (public)	96.8	36	26	14	23	0	0	99
University of Texas Medical Branch at Galveston (public)	97.8	132	102	266	207	112	104	923
University of Texas Medical School at Houston (public)	95.4	135	106	282	190	130	110	953
University of Texas Health Sciences Center at San Antonio School of Medicine, San Antonio (public)	94.1	112	109	233	231	107	109	901
University of Texas Southwestern Medical Center at Dallas Southwestern Medical School, Dallas (public)	88.3	124	110	251	229	113	98	925
Utah University of Utah School of Medicine, Salt Lake City (public)	73.2	56	26	120	65	75	32	374
Vermont University of Vermont College of Medicine, Burlington (public)	25.2	59	52	104	121	56	57	449
Virginia Eastern Virginia Medical School, Norfolk (public)	56.8	65	59	135	107	51	53	470
University of Virginia School of Medicine, Charlottesville (public)	45.7	96	59	162	128	71	66	582
Virginia Commonwealth University School of Medicine, Richmond (public)	51.5	112	90	205	185	92	85	769
Virginia Tech Carilion School of Medicine and Research Institute, Roanoke (private)	33.3	30	12	0	0	0	0	42
Washington University of Washington School of Medicine, Seattle (public)	91.7	104	114	203	266	90	100	877
West Virginia Marshall University Joan C. Edwards School of Medicine, Huntington (public)	64.0	48	28	74	80	34	33	297
West Virginia University School of Medicine, Morgantown (public)	61.9	74	41	134	81	50	44	424
Wisconsin Medical College of Wisconsin, Milwaukee (private)	33.8	113	96	221	184	100	106	820
University of Wisconsin School of Medicine and Public Health, Madison (public)	75.4	92	82	157	181	67	75	654
Total		10146	9006	19733	18 031	9029	8449	74 394

^aIntermediate includes final-year students who did not graduate.

Appendix I. Table 2. US Medical School Enrollment During 20-Year Period, by Sex

		First-Year	Enrollment	Total E	nrollment	Graduates		
Academic Year	No. of Schools	Male	Female	Male	Female	Male	Female	
1990-1991	126	10304	6499	40 822	24 164	9915	5584	
2000-2001	125	9074	7739	36719	29576	9063	6838	
2001-2002	125	8845	8088	35 959	30 260	8760	6872	
2002-2003	126	8709	8410	35378	31 300	8517	7011	
2003-2004	126	8590	8528	35 0 20	32 146	8549	7250	
2004-2005	125	8646	8463	34 575	32721	8344	7427	
2005-2006	125	8952	8483	34 835	33 445	8270	7830	
2006-2007	125	9164	8716	35 370	33 658	8202	7951	
2007-2008	126	9446	8926	36 194	34 155	8186	7953	
2008-2009	126	9619	8889	37 040	34 538	8544	8073	
2009-2010	130	9787	9099	38 0 2 2	35 060	8878	8203	
2010-2011	131	10 146	9006	38908	35 486	9029	8449	

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Appendix I, Table 3. Average Number of Weeks by Curriculum Year and Average Number of Required Hours in Years 1 and 2 in US Medical Schools, by Academic Year

	Academic Year			
	2000-2001	2010-2011		
Year 1				
Weeks	38	38		
Hours	827	822		
Year 2				
Weeks	36	36		
Hours	754	627		
Year 3				
Weeks	47	47		
Year 4				
Weeks	35	38		

Appendix I, Table 4. Curricular Placement of Selected Subjects in the US Medical School Curriculum, 2010-2011

	No. of Medical Schools (N = 131)									
		Subject Taught as ^a			Year in Curriculum Subject Taught ^b					
Subject	Separate Course Only	Part of an Integrated Course Only	Both Separate and Part of an Integrated Course	1	2	3	4			
Anatomy	51	69	11	130	34	16	17			
Behavioral science	43	74	13	102	102	49	21			
Biochemistry	39	79	12	126	32	8	5			
Biostatistics	19	103	8	98	83	28	15			
Cell biology	25	96	7	126	33	5	4			
Ethics	25	84	21	112	107	76	52			
Evidence-based medicine	8	108	14	95	108	92	53			
Genetics	28	90	11	121	71	33	14			
Immunology	32	88	9	93	77	17	9			
Microbiology	49	66	12	74	91	19	12			
Neuroscience	57	57	14	107	70	31	15			
Nutrition	6	108	10	103	93	50	21			
Pathology	39	71	18	64	122	26	17			
Pharmacology	44	63	21	62	124	45	28			
Physiology	49	75	6	126	56	24	17			

^a From 1 to 7 medical schools did not supply data related to whether a subject was taught as a separate course, part of an integrated course, or both. ^b Schools could choose as many as apply.

Appendix I, Table 5. Placement of Required Interprofessional Education Experiences in the US Medical School Curriculum, 2010-2011

Years in the Curriculum Where Interprofessional Education Experiences Are Offered	No. of Medical Schools ^a
Offered in only 1 year of the curriculum Year 1 or year 2	13
Year 3 or year 4	16
Offered in 2 years of the curriculum Year 1 and year 2	19
Year 3 and year 4	3
Other combination of curriculum years ^b	12
Offered in 3 years of the curriculum	14
Offered in all 4 years of the curriculum	8

^aA total of 85 medical schools (65% of the total) reported that they offered required interprofessional educational ex-

periences that brought together medical students with students from other health professions programs. bYear 1 and year 3 (6 schools), year 2 and year 3 (2 schools), year 1 and year 4 (2 schools), year 2 and year 4 (2 schools).

Appendix I, Table 6. Medical Schools Offering Combined Degree Programs, by Program and Academic Year^a

	No. of	Schools
Type of Combined Program	2000-2001 ^b	2010-2011 ^c
BA/MD	25	33
MS/MD	27	33
MD/PhD	109	111
MD/JD	10	21
MD/MPH	53	76
MD/MBA	34	54

^a The additional degree may be offered by the medical school, the parent university, or by another institution. ^b Based on 125 medical schools with students enrolled.

^cBased on 131 medical schools with students enrolled.

Appendix I, Table 7. Average Percentage of In-State Residents in the First-Year Class in US Aedical Schools, by Academic Year ^a							
	2000-2001 ^b			2010-2011 ^c			
Overall % of In-State Residents	% of In-State Residents in Public Medical Schools	% of In-State residents in Private Medical Schools	Overall % of In-State Residents	% of In-State Residents in Public Medical Schools	% of In-State Residents in Private Medical Schools		
71	89	43	66	83	39		

^aThe medical schools in the District of Columbia and the Uniformed Services University of the Health Sciences were

eliminated from this analysis. ^b121 medical schools (73 public and 48 private). ^c127 medical schools (76 public and 51 private).

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Appendix I, Table 8. Changes in the Total Number of Enrolled Medical Students in MD-Granting Medical Schools by State, 2000-2001 to 2010-2011

	Students (N	nrolled Medical o. of Medical ools)	Net Gain/Loss in the No. of	% Change in the No. of		
State ^a	2000-2001	2010-2011	Medical Students	Medical Students		
Alabama	957 (2)	1052 (2)	+95	+10		
Arizona	413 (1)	629 (1)	+216	+52		
Arkansas	574 (1)	634 (1)	+60	+11		
California	4396 (8)	4623 (8)	+227	+5		
Colorado	527 (1)	623 (1)	+96	+18		
Connecticut	817 (2)	734 (2)	-83	-10		
Washington, DC	1735 (3)	1961 (3)	+226	+13		
Florida	1449 (3)	2401 (6)	+952	+66		
Georgia	1523 (4)	1897 (4)	+374	+25		
Hawaii	239 (1)	257 (1)	+18	+8		
Illinois	4399 (7)	4574 (7)	+175	+4		
Indiana	1128 (1)	1267 (1)	+139	+12		
lowa	668 (1)	587 (1)	-81	-14		
Kansas	712 (1)	697 (1)	-15	-2		
Kentucky	967 (2)	1082 (2)	+115	+12		
Louisiana	1708 (3)	1950 (3)	+242	+14		
Maryland	1023 (2)	1102 (2)	+79	+8		
Massachusetts	2408 (4)	2709 (4)	+228	+9		
Michigan	2160 (3)	2601 (3)	+441	+20		
Minnesota	1087 (3)	1187 (2)	+100	+9		
Mississippi	386 (1)	484 (1)	+98	+25		
Missouri	1817 (4)	2006 (4)	+189	+10		
Nebraska	927 (2)	1020 (2)	+93	+10		
Nevada	208 (1)	246 (1)	+38	+18		
New Hampshire	271 (1)	350 (1)	+79	+29		
New Jersey	1324 (2)	1420 (2)	+96	+7		
New Mexico	300 (1)	334 (1)	+34	+11		
New York	6919 (12)	7335 (12)	+416	+6		
North Carolina	1729 (4)	1861 (4)	+132	+8		
North Dakota	224 (1)	241 (1)	+17	+8		
Ohio	3450 (6)	3959 (6)	+509	+15		
Oklahoma	584 (1)	658 (1)	+74	+13		
Oregon	424 (1)	470 (1)	+46	+11		
Pennsylvania	4266 (6)	4756 (6)	+490	+12		
Puerto Rico	933 (3)	1234 (4)	+301	+32		
Rhode Island	310 (1)	411 (1)	+101	+33		
South Carolina	838 (2)	1005 (2)	+167	+20		
South Dakota	209 (1)	216 (1)	+7	+3		
Tennessee	1683 (4)	1763 (4)	+80	+5		
Texas	4697 (7)	5635 (8)	+938	+20		
Utah	406 (1)	374 (1)	-32	-8		
Vermont	384 (1)	449 (1)	+65	+17		
Virginia	1653 (3)	1863 (4)	+210	+13		
Washington	784 (1)	877 (1)	+93	+12		
West Virginia	565 (2)	721 (2)	+156	+28		
Wisconsin	1380 (2)	1474 (2)	+94	+7		

^aOnly includes states with medical schools. Includes medical schools in the District of Columbia and Puerto Rico but does not include the Uniformed Services University of the Health Sciences in Maryland.

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