

Academic Year  
**2008-2009**



**Accreditation Council for  
Graduate Medical Education**

# **Data Resource Book**



*“We improve health care by assessing and advancing the quality of resident physicians’ education through accreditation.”*

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# Introduction

## Overview of this Data Book

The Accreditation Council for Graduate Medical Education (ACGME) strives to improve health care in the United States by assessing and advancing the quality of resident physicians' education through accreditation. The collection and analysis of data are crucial to performing these functions. The *ACGME Data Resource Book* compiles in one place a comprehensive, up-to-date description of a wide range of data regarding the number of new physicians being educated, the number of programs available to educate physicians, and the quality of that education as determined through the accreditation process. The data book is intended to be a concise reference for policymakers, residency program directors, institutional officials and others to identify and clarify issues affecting the accreditation of residency programs.

The *Data Resource Book* begins by describing the number and types of *institutions*. Information on sponsoring institutions as well as participating institutions are included in this section. The second section contains a description of the number of residency *programs* along with accreditation information and staff/faculty information. Lastly, the *Data Resource Book* describes in detail the number of *resident* physicians in residency programs along with information on demographics and educational experiences.

We continue to try to improve our data book in order to capture the accreditation process in greater detail, and we hope the document will continue to be a valuable resource for our constituents. We would value your feedback and suggestions. They can be sent to us at [databook@acgme.org](mailto:databook@acgme.org).

## Data Sources

Data appearing in the *Data Resource Book* represent information reported during the **2008–2009** academic year by all sponsoring institutions and accredited programs. Only aggregate statistics are reported. Limited information on individual programs and sponsors is available on the ACGME website ([www.acgme.org](http://www.acgme.org)) under the heading of "Search Programs/Sponsors".

Aggregate statistics used in this data book were obtained from the Accreditation Data System (ADS). ADS is a web-based data collection system containing data for all medical residency sponsoring institutions and their ACGME-accredited programs. Sponsors and programs are required to annually verify and update general information in the secured environment. Programs are required to verify the accredited education of all residents and to communicate any organizational changes as they occur, including those changes that require residency review committee approval.

## Explanation of Terms

The following terms are used throughout this publication.

### Statistical Terms

Arithmetic Mean: The arithmetic mean is derived by summing the individual item values of a particular group and dividing the total by the number of items. The arithmetic mean is often referred to simply as the “mean” or “average.”

Standard Deviation: The standard deviation is a statistical measure of the distance a quantity is likely to lie from its average value.

Range: The range is the difference between the lowest and highest values. The range provides information about the distribution of data. Data with large ranges tend to be more spread out.

### Common Organizational Terms

Program: A residency program is a structured educational experience designed to conform to the program requirements of a particular specialty, the satisfactory completion of which may result in eligibility for board certification.

Residency Review Committee: The Residency Review Committees (RRCs) are specialty-specific bodies within the structure of the Accreditation Council for Graduate Medical Education (ACGME), which bear the responsibility for oversight of allopathic postgraduate medical education programs in the United States. The function of each type of committee is to set accreditation standards and to provide a peer evaluation of residency programs and subspecialties.

Resident: A physician in an accredited graduate medical education program.

Sponsoring Institution: The sponsoring institution is the entity that assumes the ultimate financial and academic responsibility for a program in graduate medical education. The Institutional Review Committee assumes the responsibility for reviewing institutions that sponsor multiple programs. A single site sponsoring institution is reviewed by the RRC only during a review of the sponsored program.



# Institutions

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## Section Definitions

Designated Institutional Official (DIO): A DIO is the individual in a sponsoring institution who has the authority and responsibility for the graduate medical education programs.

Participating Institution: A participating institution is any hospital to which residents rotate for required clinical experience. This definition includes institutions where most residents routinely take elective training, but excludes individualized, one-of-a-kind experiences.

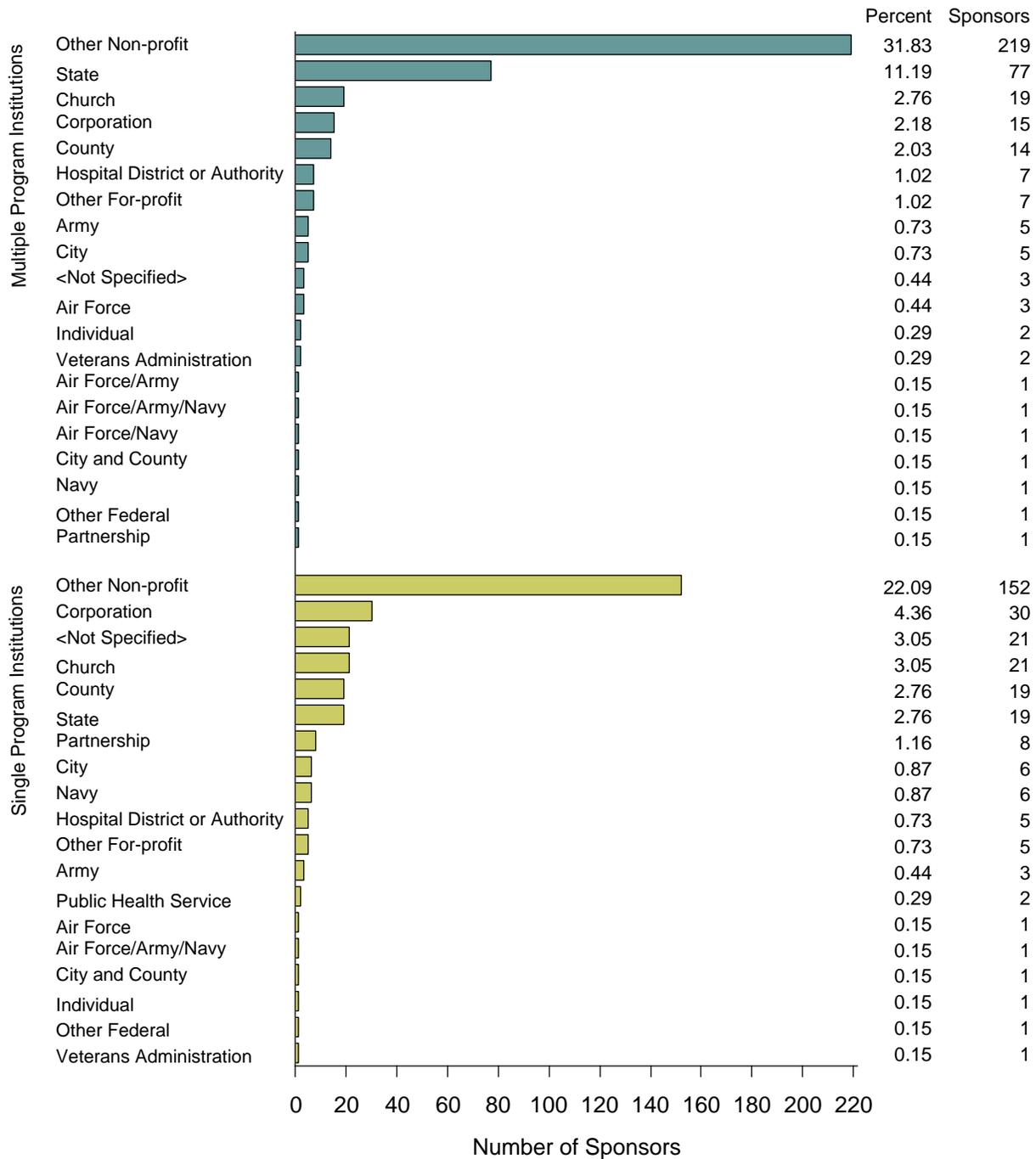
## Chapter Highlights

- The total number of sponsoring institutions for the 2008-2009 academic year is 688.
- Fifty-six percent (56%) of sponsoring institutions sponsored more than one program and are reviewable by the Institutional Review Committee. IRC-reviewed sponsoring institutions are responsible for the majority of residents.
- The majority of sponsoring institutions were classifiable as non-profit.
- California, New York, and Pennsylvania were the states with the largest number of sponsoring institutions. Parts of the Northwest and Mountain states had the fewest.
- Sponsoring institutions that were identified as a consortium of hospitals had the most number of associated programs and averaged 42.4.
- Sixteen percent (16%) of single program sponsoring institutions and fourteen percent (14%) of multiple program sponsoring institutions experienced a change in the designated institutional official (DIO).
- Preventive medicine, integrated plastic surgery, and physical medicine and rehabilitation programs have the highest average number of participating institution training sites per program (5.44, 4.79, 4.61, respectively).
- The data book includes a detailed listing of all multiple program sponsoring institutions which are reviewed by the IRC. The list is sorted by size according to the total number of residents who are active in programs sponsored by a given institution.

# Number of Sponsoring Institutions, by Ownership Type

Total Number of Sponsors = 688

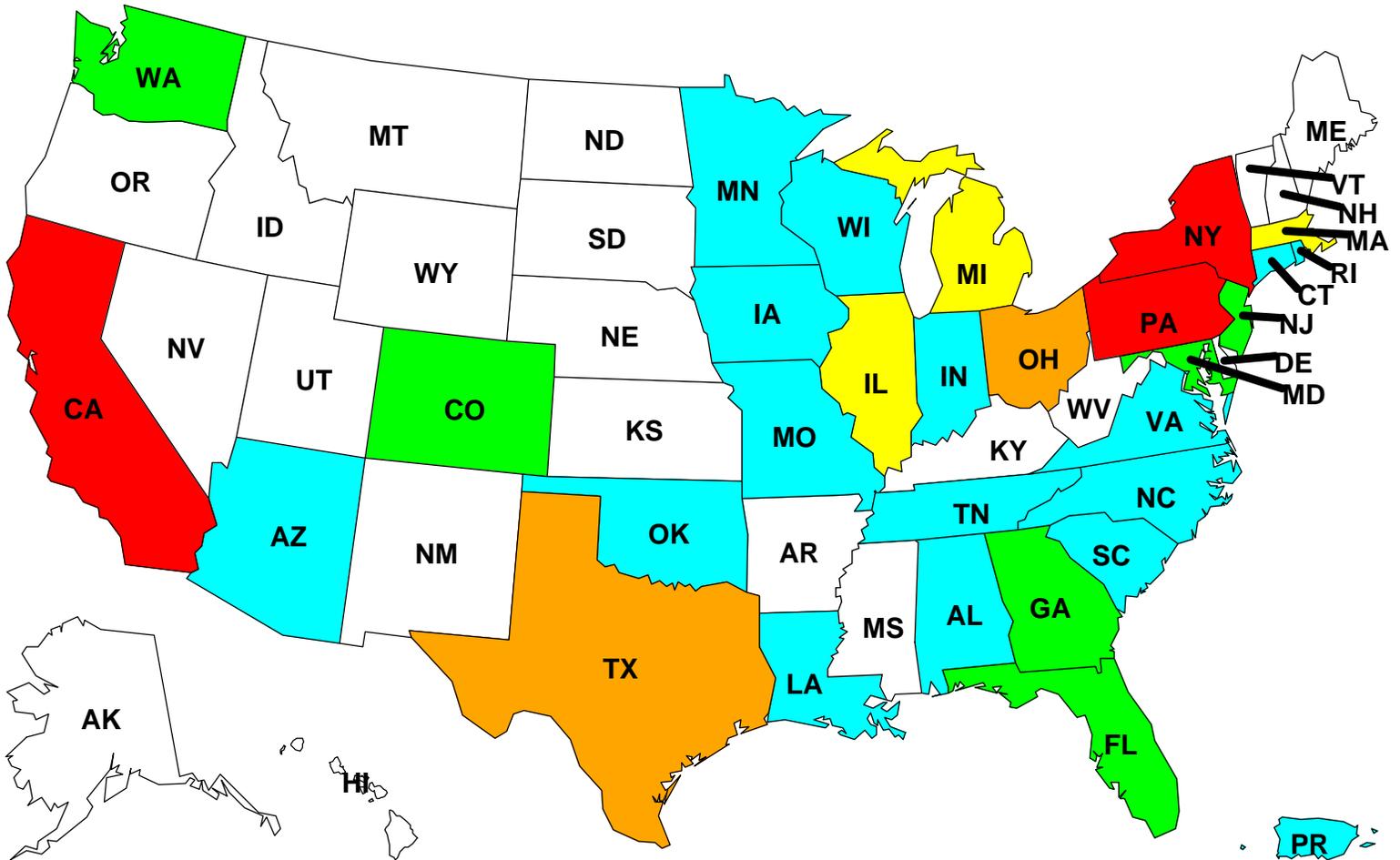
Single Program Institutions = 303  
Multiple Program Institutions = 385



## Number of Sponsoring Institutions, by State

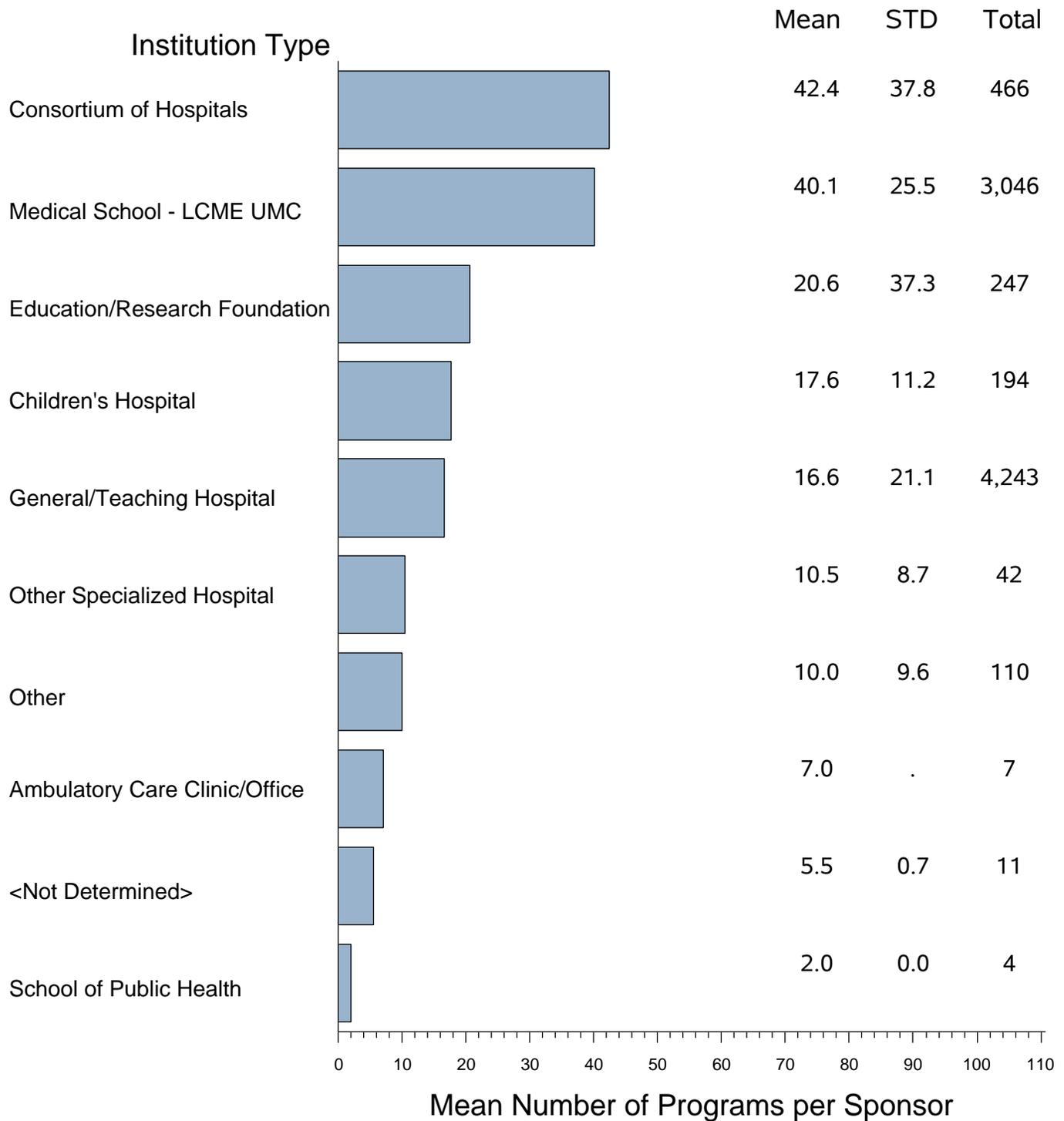
State Name	State Abbreviation	Number of Sponsors	Percentage of All Sponsors
OVERALL	--	688	100.0%
Alaska	AK	1	0.1%
Alabama	AL	10	1.5%
Arkansas	AR	2	0.3%
Arizona	AZ	9	1.3%
California	CA	68	9.9%
Colorado	CO	16	2.3%
Connecticut	CT	15	2.2%
District of Columbia	DC	9	1.3%
Delaware	DE	4	0.6%
Florida	FL	24	3.5%
Georgia	GA	16	2.3%
Hawaii	HI	3	0.4%
Iowa	IA	9	1.3%
Idaho	ID	2	0.3%
Illinois	IL	31	4.5%
Indiana	IN	10	1.5%
Kansas	KS	2	0.3%
Kentucky	KY	4	0.6%
Louisiana	LA	10	1.5%
Massachusetts	MA	27	3.9%
Maryland	MD	17	2.5%
Maine	ME	4	0.6%
Michigan	MI	29	4.2%
Minnesota	MN	10	1.5%
Missouri	MO	11	1.6%
Mississippi	MS	4	0.6%
Montana	MT	1	0.1%
North Carolina	NC	13	1.9%
North Dakota	ND	2	0.3%
Nebraska	NE	4	0.6%
New Hampshire	NH	2	0.3%
New Jersey	NJ	25	3.6%
New Mexico	NM	4	0.6%
Nevada	NV	1	0.1%
New York	NY	59	8.6%
Ohio	OH	41	6.0%
Oklahoma	OK	7	1.0%
Oregon	OR	4	0.6%
Pennsylvania	PA	46	6.7%
Puerto Rico	PR	12	1.7%
Rhode Island	RI	6	0.9%
South Carolina	SC	11	1.6%
South Dakota	SD	3	0.4%
Tennessee	TN	9	1.3%
Texas	TX	41	6.0%
Utah	UT	5	0.7%
Virginia	VA	12	1.7%
Vermont	VT	1	0.1%
Washington	WA	17	2.5%
Wisconsin	WI	9	1.3%
West Virginia	WV	5	0.7%
Wyoming	WY	1	0.1%

## Geographical Distribution of Sponsoring Institutions



- |                       |                     |
|-----------------------|---------------------|
| □ 5 or Fewer Sponsors | ■ 6 to 15 Sponsors  |
| ■ 16 to 25 Sponsors   | ■ 26 to 35 Sponsors |
| ■ 36 to 45 Sponsors   | ■ Over 45 Sponsors  |

## Mean Number of Programs per Sponsoring Institution for Multiple Site Sponsors, by Institution Type



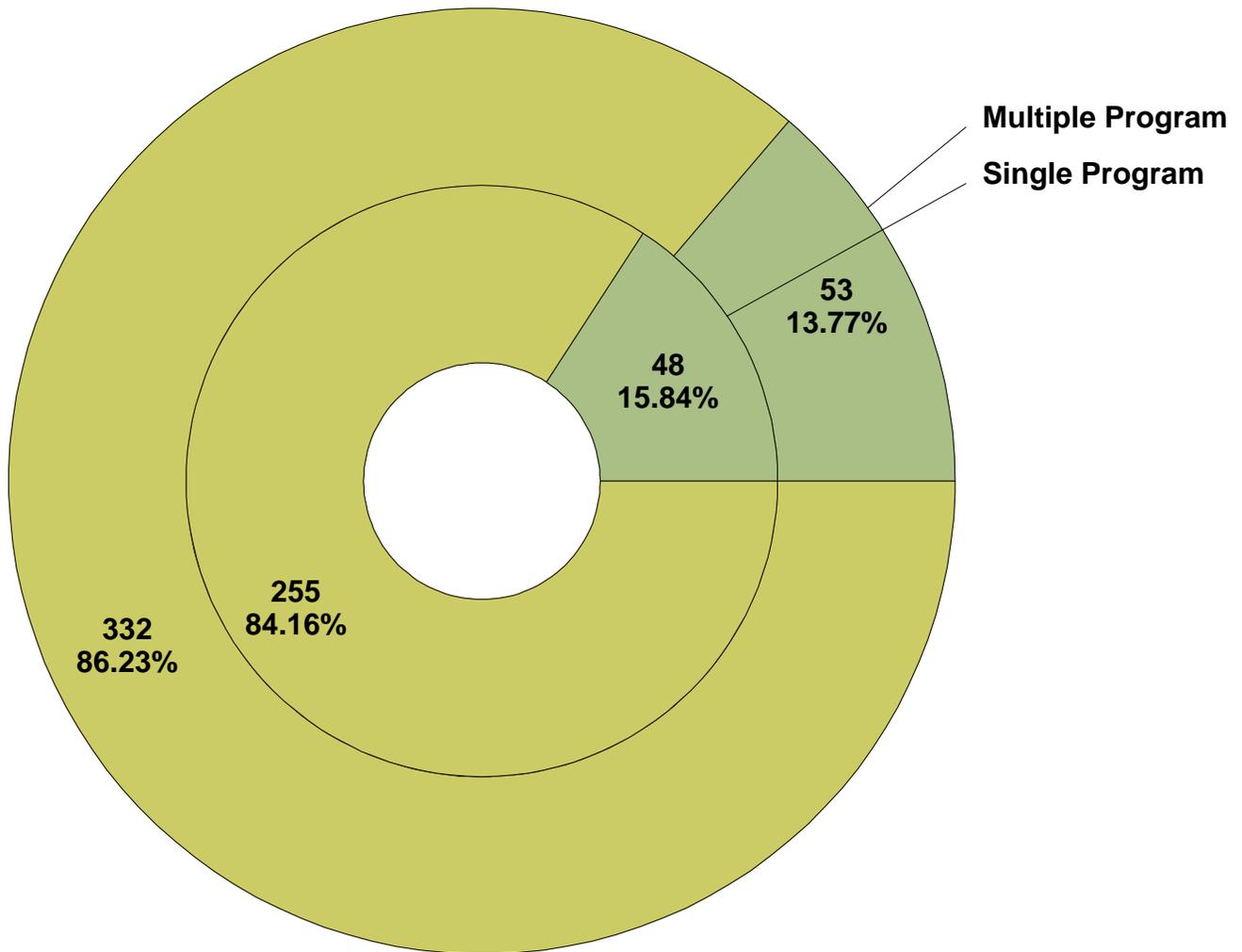
## Number and Percentage of Sponsoring Institutions with DIO Changes, by Review Status

Total # of Institutions with at Least One Change = 101

Total # of DIO Changes = 110

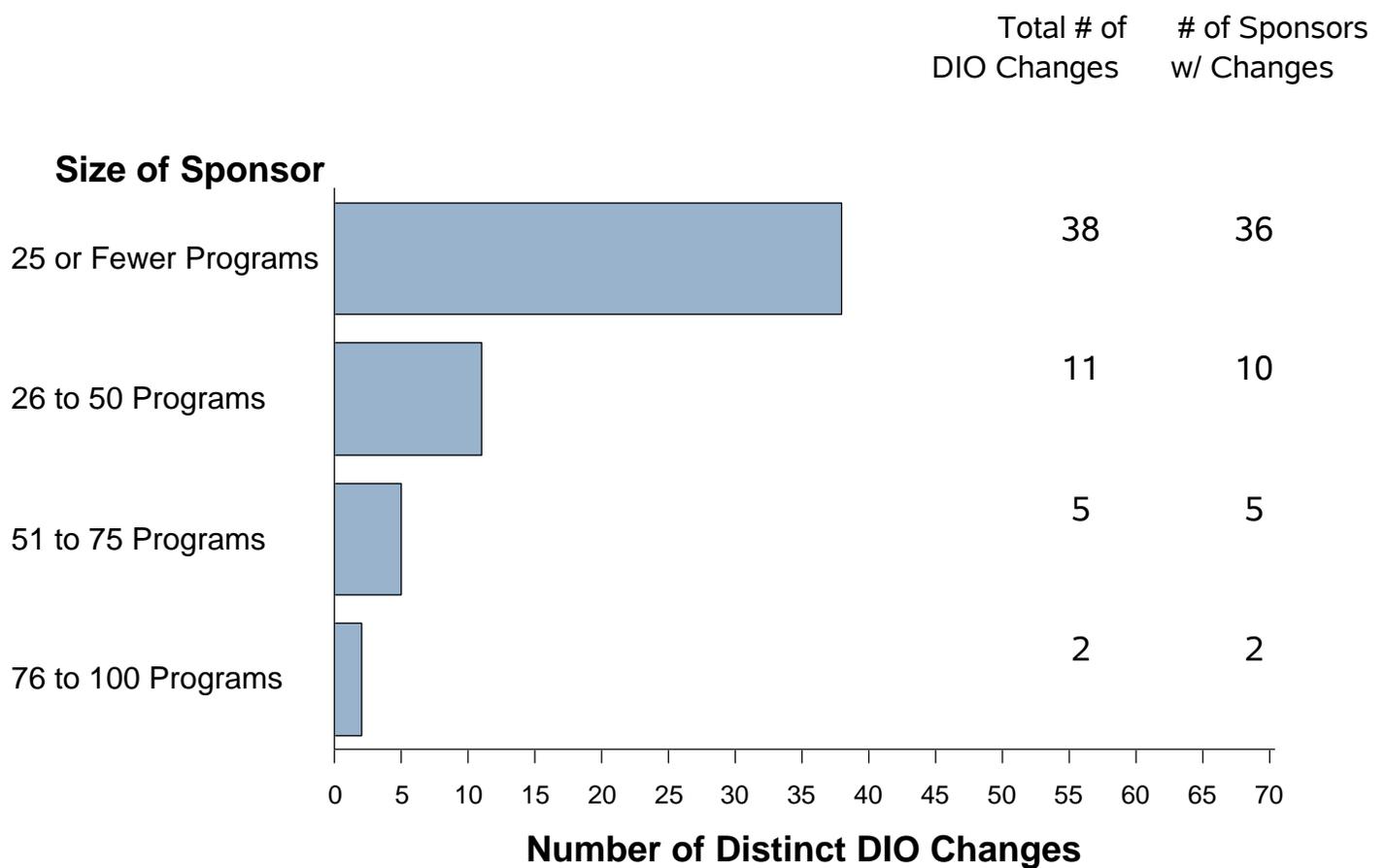
Total # of DIO Changes in Multiple-Site Sponsors = 56

Total # of DIO Changes in Single-Site Sponsors = 54



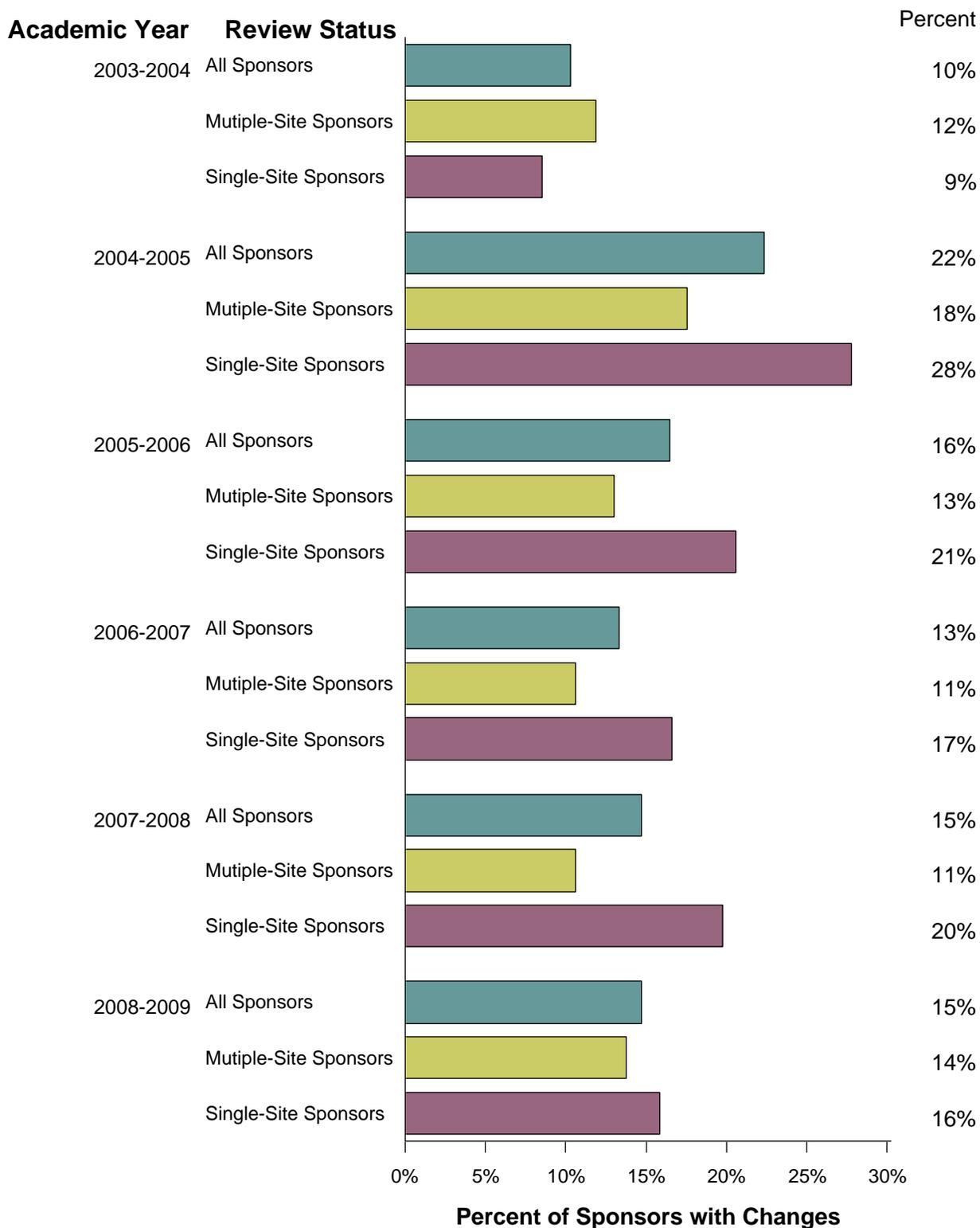
**Change**      **DIO Change Occurred**      **No DIO Change**

Note: A distinction is made between the number of institutions with at least 1 change (depicted in graph) and the number of distinct changes (i.e. an institution may register more than 1 change).

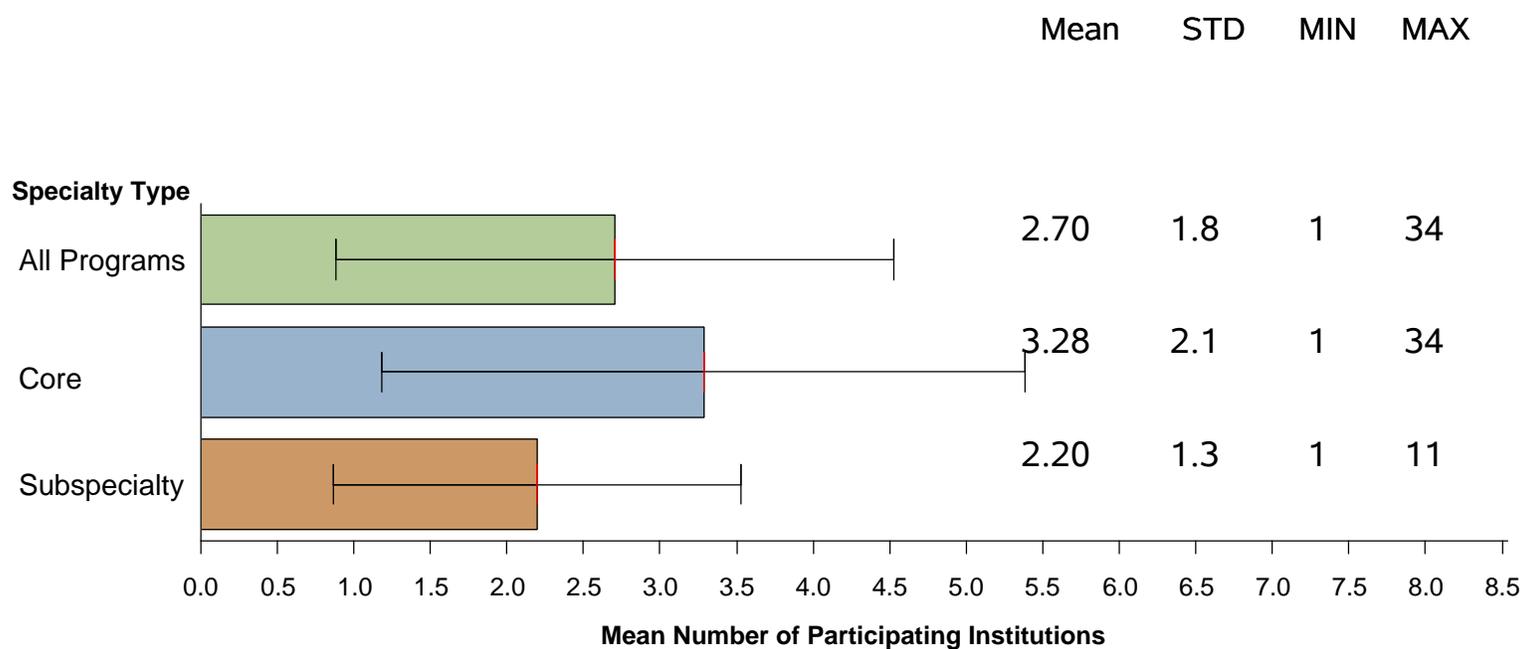
**Number of DIO Changes for Multiple Site Sponsors, by Size of Sponsor**

Note: Instances of multiple DIO changes within a single institution for the academic year are counted.

## Percent of Sponsoring Institutions with at Least One DIO Change, by Review Status and Academic Year



## Mean Number and Type of Participating Institutions where Residents Rotate per Program, for Core and Subspecialty Programs



 Mean and Plus/Minus 1 Standard Deviation

## Number of Institutions Where Residents Rotate, by Specialty

Number of Unique Institutions: 3,399				
		Relationship Type		
		Clinical Site	Participating Institution	Sponsor
Specialty	Total of All Institutions	#	#	#
Allergy and immunology	194	3	153	38
Anesthesiology	481	4	410	67
- Adult Cardiothoracic Anesthesiology	90	.	65	25
- Critical Care Medicine	97	1	69	27
- Pediatric Anesthesiology	66	3	42	21
Colon and rectal surgery	115	.	87	28
Dermatology	344	4	282	58
- Dermatopathology	104	.	77	27
- Procedural Dermatology	63	.	42	21
Emergency medicine	536	4	453	79
- Medical Toxicology	70	1	57	12
- Pediatric Emergency Medicine	47	1	32	14
- Sports Medicine	7	.	5	2
- Undersea and Hyperbaric Medicine	10	.	6	4
Family medicine	1,354	95	978	281
- Geriatric Medicine	98	4	68	26
- Sports Medicine	226	11	149	66
Internal medicine	873	34	621	218
- Cardiovascular Disease	419	8	323	88
- Clinical Cardiac Electrophysiology	153	3	97	53
- Critical Care Medicine	85	1	67	17
- Endocrinology, Diabetes, and Metabolism	310	3	249	58
- Gastroenterology	414	8	329	77
- Geriatric Medicine	305	3	250	52
- Hematology	24	.	19	5
- Hematology and Oncology	331	5	260	66
- Infectious Disease	394	5	325	64
- Interventional Cardiology	200	5	126	69
- Nephrology	343	5	265	73
- Oncology	41	1	28	12
- Pulmonary Disease	51	2	36	13
- Pulmonary Disease and Critical Care Medicine	389	3	316	70
- Rheumatology	289	1	237	51
- Transplant hepatology	33	2	20	11
Medical genetics	134	.	105	29
- Molecular Genetic Pathology	51	.	37	14
- Medical biochemical genetics	9	.	6	3
Neurological surgery	275	.	227	48
- Endovascular surgical neuroradiology	1	.	.	1
Neurology	377	7	312	58
- Child Neurology	200	1	165	34
- Clinical Neurophysiology	195	4	143	48
- Endovascular surgical neuroradiology	2	.	2	.
- Neuromuscular Medicine	34	.	21	13
- Neurodevelopmental Disabilities	32	.	27	5
- Vascular Neurology	116	2	77	37

Notes: The same institution can be counted by multiple specialties.

**Number of Institutions Where Residents Rotate, by Specialty**

...continued				
Number of Unique Institutions: 3,399				
		Relationship Type		
		Clinical Site	Participating Institution	Sponsor
Specialty	Total of All Institutions	#	#	#
Nuclear medicine	131	1	105	25
Obstetrics and gynecology	707	15	548	144
Ophthalmology	405	1	348	56
Orthopaedic surgery	682	5	598	79
- Adult Reconstructive Orthopaedics	30	.	18	12
- Foot and Ankle Orthopaedics	18	.	10	8
- Hand Surgery	155	.	126	29
- Musculoskeletal Oncology	20	.	13	7
- Orthopaedic Sports Medicine	180	1	119	60
- Orthopaedic Surgery of the Spine	29	.	18	11
- Orthopaedic Trauma	13	.	8	5
- Pediatric Orthopaedics	36	1	21	14
Otolaryngology	411	2	362	47
- Neurotology	28	.	17	11
- Pediatric Otolaryngology	7	1	2	4
- Pain Medicine	211	4	149	58
- Hospice and Palliative Medicine	163	1	139	23
Pathology-anatomic and clinical	559	4	476	79
- Blood Banking/Transfusion Medicine	119	.	93	26
- Chemical Pathology	3	.	1	2
- Cytopathology	126	1	81	44
- Forensic Pathology	47	.	21	26
- Hematology	132	.	90	42
- Medical Microbiology	23	.	15	8
- Neuropathology	76	.	62	14
- Pediatric Pathology	52	1	42	9
- Selective Pathology	76	.	50	26
Pediatrics	498	11	381	106
- Adolescent Medicine	61	.	52	9
- Neonatal-Perinatal Medicine	179	2	135	42
- Pediatric Cardiology	73	.	46	27
- Pediatric Critical Care Medicine	106	1	77	28
- Pediatric Emergency Medicine	139	1	119	19
- Pediatric Endocrinology	112	1	80	31
- Pediatric Gastroenterology	87	1	65	21
- Pediatric Hematology/Oncology	121	.	92	29
- Pediatric Infectious Diseases	119	.	93	26
- Pediatric Nephrology	50	.	34	16
- Pediatric Pulmonology	74	1	47	26
- Pediatric Rheumatology	46	1	36	9
- Pediatric Sports Medicine	11	.	3	8
- Developmental-Behavioral Pediatrics	70	.	48	22
- Pediatric transplant hepatology	3	.	2	1

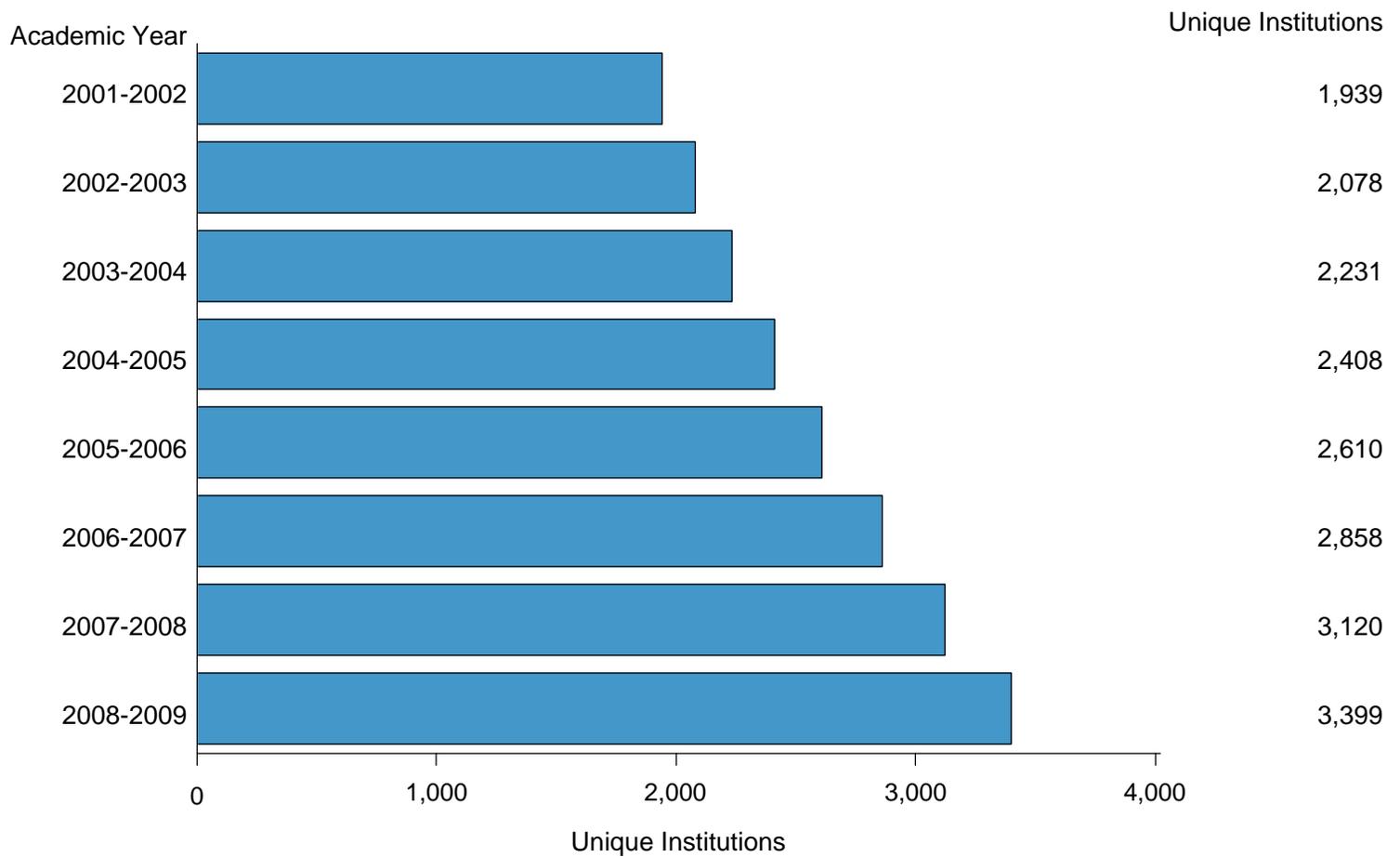
Notes: The same institution can be counted by multiple specialties.

## Number of Institutions Where Residents Rotate, by Specialty

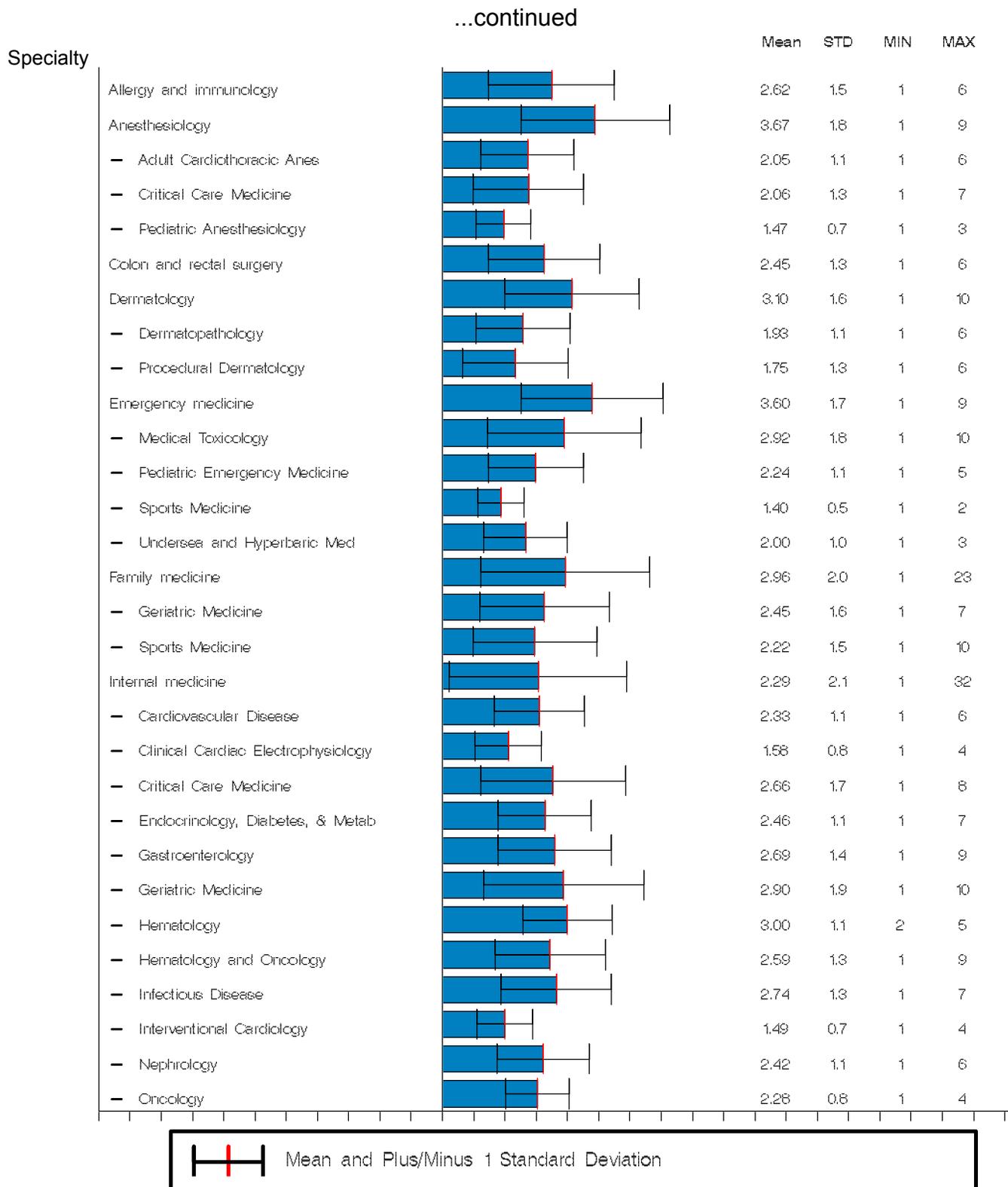
...continued				
Number of Unique Institutions: 3,399				
		Relationship Type		
		Clinical Site	Participating Institution	Sponsor
Specialty	Total of All Institutions	#	#	#
Physical medicine and rehabilitation	369	1	330	38
- Neuromuscular Medicine	2	.	2	.
- Pediatric Rehabilitation	27	2	19	6
- Spinal Cord Injury Medicine	57	.	52	5
Plastic surgery	378	2	333	43
Plastic Surgery - Integrated	139	1	122	16
- Craniofacial Surgery	9	.	7	2
- Hand Surgery	44	.	39	5
Preventive medicine	392	1	352	39
- Medical Toxicology	8	.	7	1
- Undersea and Hyperbaric Medicine	1	.	.	1
Psychiatry	828	9	717	102
- Addiction Psychiatry	125	.	111	14
- Child and Adolescent Psychiatry	476	3	416	57
- Forensic Psychiatry	133	5	111	17
- Geriatric Psychiatry	165	3	138	24
- Psychosomatic Medicine	88	2	61	25
Radiation oncology	213	3	168	42
Radiology-diagnostic	547	6	437	104
- Abdominal Radiology	18	.	10	8
- Cardiothoracic Radiology	2	.	.	2
- Endovascular surgical neuroradiology	4	.	3	1
- Musculoskeletal Radiology	19	.	9	10
- Neuroradiology	164	.	120	44
- Nuclear Radiology	36	.	20	16
- Pediatric Radiology	55	.	34	21
- Vascular and Interventional Radiology	168	1	120	47
- Sleep Medicine	143	1	103	39
Surgery	1,050	14	894	142
- Hand Surgery	3	.	3	.
- Pediatric Surgery	58	.	45	13
- Surgical Critical Care	166	2	117	47
- Vascular Surgery	197	2	143	52
- Vascular surgery - Integrated	36	.	30	6
Thoracic surgery	197	.	160	37
- Congenital Cardiac Surgery	16	.	11	5
Thoracic Surgery - Integrated	11	.	9	2
Urology	443	3	382	58
- Pediatric Urology	34	.	24	10
Transitional year	254	11	156	87
Internal Medicine/Pediatrics	297	1	252	44

Notes: The same institution can be counted by multiple specialties.

## Number of Unique Institutions Where Residents Rotate, by Academic Year

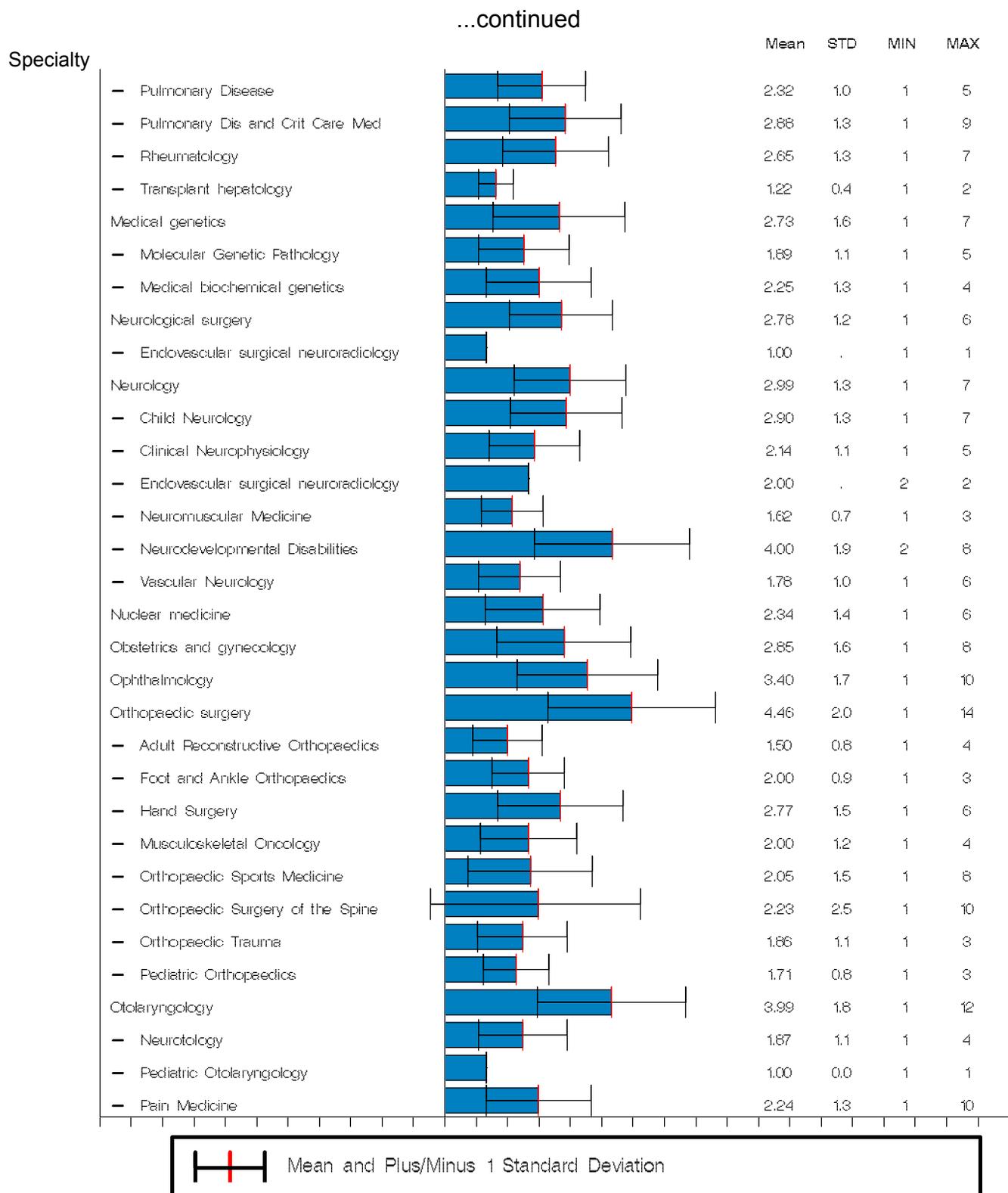


## Mean Number of All Participating Teaching Institutions where Residents Rotate per Program, by Specialty



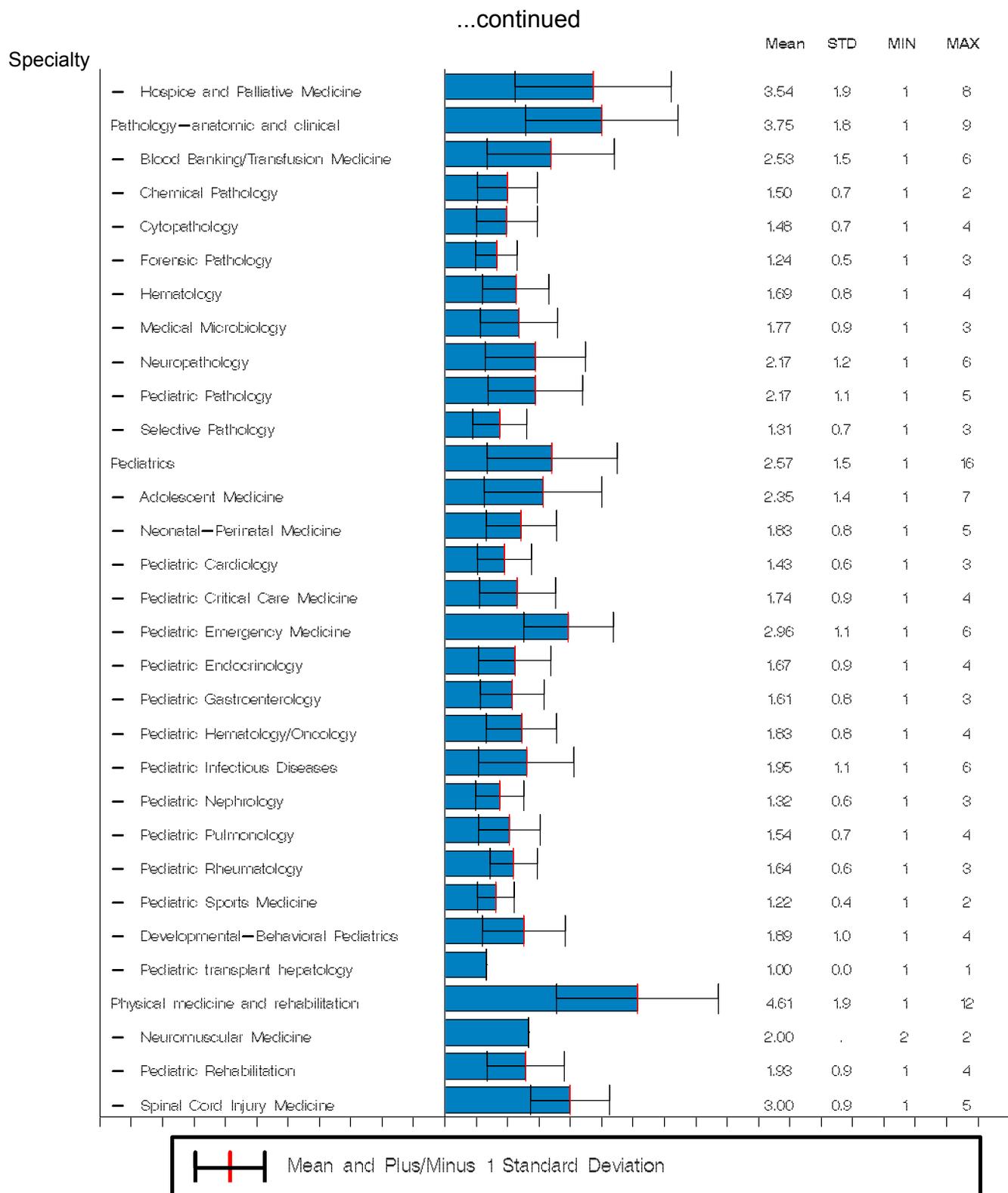
Notes: The table includes participating, sponsoring institutions, and clinical sites in institution counts per program.

## Mean Number of All Participating Teaching Institutions where Residents Rotate per Program, by Specialty



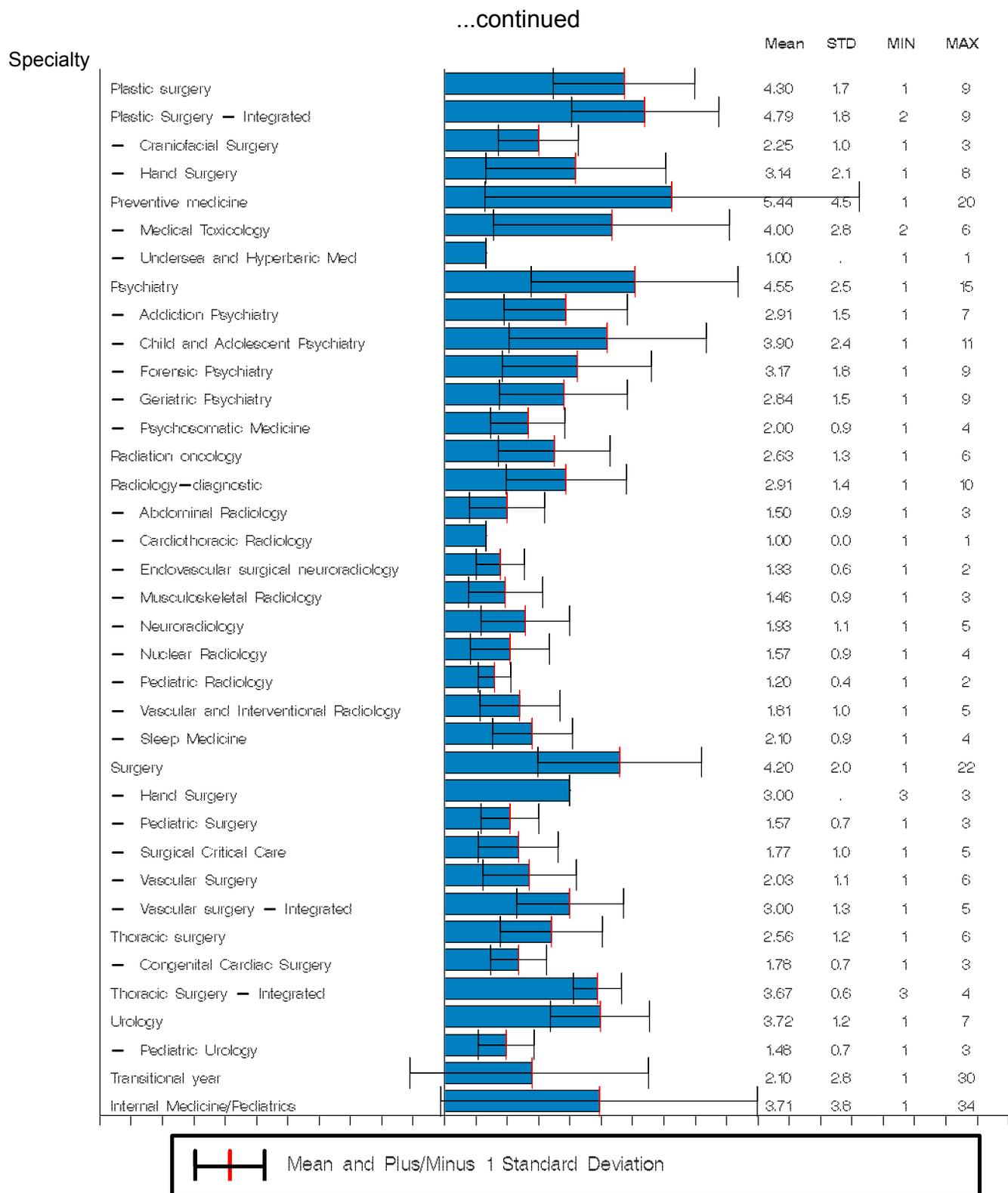
Notes: The table includes participating, sponsoring institutions, and clinical sites in institution counts per program.

## Mean Number of All Participating Teaching Institutions where Residents Rotate per Program, by Specialty



Notes: The table includes participating, sponsoring institutions, and clinical sites in institution counts per program.

## Mean Number of All Participating Teaching Institutions where Residents Rotate per Program, by Specialty



Notes: The table includes participating, sponsoring institutions, and clinical sites in institution counts per program.

## List of Multiple Program Sponsoring Institutions (reviewed by IRC), by Resident Count

Institution Name	Institution City	Institution State	Number of Programs	Number of Residents
New York Presbyterian Hospital	New York	NY	115	1,560
Mount Sinai School of Medicine	New York	NY	91	1,363
Univ of Pittsburgh Medical Center Medical Education	Pittsburgh	PA	110	1,322
New York Medical College	Valhalla	NY	90	1,315
College of Medicine, Mayo Clinic	Rochester	MN	122	1,228
Baylor College of Medicine	Houston	TX	85	1,158
Albert Einstein College of Medicine of Yeshiva University	Bronx	NY	75	1,127
University of Texas Southwestern Medical School	Dallas	TX	84	1,116
Johns Hopkins University School of Medicine	Baltimore	MD	83	1,041
Emory University School of Medicine	Atlanta	GA	82	1,035
University of California (San Francisco) School of Medicine	San Francisco	CA	74	1,024
Washington University/B-JH/SLCH Consortium	St Louis	MO	76	1,013
University of Michigan Hospitals and Health Centers	Ann Arbor	MI	84	1,010
New York University School of Medicine	New York	NY	69	1,001
University of Washington School of Medicine	Seattle	WA	85	999
McGaw Medical Center of Northwestern University	Chicago	IL	79	990
Indiana University School of Medicine	Indianapolis	IN	76	927
UCLA David Geffen School of Medicine/UCLA Medical Center	Los Angeles	CA	66	923
North Shore-Long Island Jewish Health System	Great Neck	NY	70	917
Jackson Memorial Hospital/Jackson Health System	Miami	FL	69	905
University of Pennsylvania Health System	Philadelphia	PA	68	905
University of Minnesota Medical School	Minneapolis	MN	76	894
Stanford Hospital and Clinics	Stanford	CA	80	854
Massachusetts General Hospital	Boston	MA	50	853
University of Texas Health Science Center at Houston	Houston	TX	62	838
University of Illinois College of Medicine at Chicago	Chicago	IL	51	829
University of Southern California/LAC+USC Medical Center	Los Angeles	CA	53	828
SUNY Health Science Center at Brooklyn	Brooklyn	NY	49	827
Yale-New Haven Hospital	New Haven	CT	71	827
Brigham and Women's Hospital	Boston	MA	44	826
University of Colorado Denver School of Medicine	Aurora	CO	73	824
Duke University Hospital	Durham	NC	73	812
University of Alabama Hospital	Birmingham	AL	74	795
Medical College of Wisconsin Affiliated Hospitals, Inc	Milwaukee	WI	74	772
Vanderbilt University Medical Center	Nashville	TN	73	770
Cleveland Clinic Foundation	Cleveland	OH	58	738
University at Buffalo School of Medicine	Buffalo	NY	61	709
University Hospitals Case Medical Center	Cleveland	OH	65	702
University of Texas School of Medicine at San Antonio	San Antonio	TX	53	679
University of Maryland Medical System	Baltimore	MD	58	677
Thomas Jefferson University Hospital	Philadelphia	PA	57	672
University of North Carolina Hospitals	Chapel Hill	NC	62	662
Virginia Commonwealth University Health System	Richmond	VA	66	661
University of Chicago Medical Center	Chicago	IL	64	657
University of Virginia Medical Center	Charlottesville	VA	64	656
National Capital Consortium	Bethesda	MD	55	652
Oregon Health & Science University Hospital	Portland	OR	67	651
Strong Memorial Hospital of the University of Rochester	Rochester	NY	73	640
University of Florida College of Medicine	Gainesville	FL	60	639

## List of Multiple Program Sponsoring Institutions (reviewed by IRC), by Resident Count

...continued				
Institution Name	Institution City	Institution State	Number of Programs	Number of Residents
University of Tennessee College of Medicine	Memphis	TN	54	631
University of Texas Medical Branch Hospitals	Galveston	TX	57	630
Loma Linda University Medical Center	Loma Linda	CA	45	626
University of Utah Medical Center	Salt Lake City	UT	60	625
Wayne State University/Detroit Medical Center	Detroit	MI	50	614
University of California (San Diego) Medical Center	San Diego	CA	62	611
Wake Forest University Baptist Medical Center	Winston-Salem	NC	57	593
University of Iowa Hospitals and Clinics	Iowa City	IA	65	592
University of California (Davis) Health System	Sacramento	CA	56	592
Ohio State University Hospital	Columbus	OH	55	591
Henry Ford Hospital	Detroit	MI	46	580
University of Arkansas College of Medicine	Little Rock	AR	57	576
UMDNJ-New Jersey Medical School	Newark	NJ	40	572
Rush University Medical Center	Chicago	IL	47	570
University of Louisville School of Medicine	Louisville	KY	52	569
University of South Florida College of Medicine	Tampa	FL	57	569
San Antonio Uniformed Services Health Education Consortium	Lackland AFB	TX	30	562
Boston Medical Center	Boston	MA	45	562
University of Connecticut School of Medicine	Farmington	CT	40	548
Loyola University Medical Center	Maywood	IL	42	547
Medical University of South Carolina College of Medicine	Charleston	SC	52	539
Beth Israel Deaconess Medical Center	Boston	MA	39	538
University of California (Irvine) Medical Center	Orange	CA	47	536
Rhode Island Hospital-Lifespan	Providence	RI	44	518
St Louis University School of Medicine	St Louis	MO	50	517
Drexel University College of Medicine/Hahnemann University	Philadelphia	PA	34	517
University of New Mexico School of Medicine	Albuquerque	NM	50	513
University of Kentucky College of Medicine	Lexington	KY	45	508
University Hospital Inc	Cincinnati	OH	47	504
University of Massachusetts Medical School	Worcester	MA	48	493
Milton S Hershey Medical Center	Hershey	PA	52	493
University of Wisconsin Hospital and Clinics	Madison	WI	59	493
Louisiana State University School of Medicine	New Orleans	LA	42	490
University Hospital - SUNY at Stony Brook	Stony Brook	NY	47	489
Temple University Hospital	Philadelphia	PA	33	472
St Luke's-Roosevelt Hospital Center	New York	NY	28	466
University of Arizona College of Medicine	Tucson	AZ	39	457
University of Oklahoma College of Medicine	Oklahoma City	OK	48	455
University of Mississippi School of Medicine	Jackson	MS	39	449
SUNY Upstate Medical University	Syracuse	NY	43	446
Los Angeles County-Harbor-UCLA Medical Center	Torrance	CA	34	437
University of Missouri-Kansas City School of Medicine	Kansas City	MO	39	436
University of Kansas School of Medicine	Kansas City	KS	44	434
Georgetown University Hospital	Washington	DC	33	430
LSU Health Sciences Center-University Hospital	Shreveport	LA	37	428
Tufts Medical Center	Boston	MA	42	425
UMDNJ-Robert Wood Johnson Medical School	New Brunswick	NJ	42	416
Medical College of Georgia	Augusta	GA	41	411
Maimonides Medical Center	Brooklyn	NY	22	410
George Washington University School of Medicine	Washington	DC	37	408

## List of Multiple Program Sponsoring Institutions (reviewed by IRC), by Resident Count

...continued				
Institution Name	Institution City	Institution State	Number of Programs	Number of Residents
University of Nebraska Medical Center College of Medicine	Omaha	NE	36	401
Albany Medical Center	Albany	NY	33	396
University of Puerto Rico School of Medicine	San Juan	PR	37	392
William Beaumont Hospital	Royal Oak	MI	36	391
Beth Israel Medical Center	New York	NY	30	391
University of Missouri-Columbia School of Medicine	Columbia	MO	39	387
Children's Hospital	Boston	MA	35	372
Wright State University Boonshoft School of Medicine	Dayton	OH	20	352
John H Stroger Hospital of Cook County	Chicago	IL	18	350
Mary Hitchcock Memorial Hospital	Lebanon	NH	44	343
MetroHealth Medical Center	Cleveland	OH	23	342
West Virginia University School of Medicine	Morgantown	WV	38	334
Scott and White Memorial Hospital	Temple	TX	29	328
Albert Einstein Medical Center	Philadelphia	PA	20	326
Tulane University School of Medicine	New Orleans	LA	35	325
Naval Medical Center (San Diego)	San Diego	CA	19	322
Cedars-Sinai Medical Center	Los Angeles	CA	30	319
Pitt County Memorial Hospital	Greenville	NC	23	307
Children's Hospital of Philadelphia	Philadelphia	PA	28	301
Baystate Medical Center	Springfield	MA	25	298
Kaiser Permanente Southern California	Pasadena	CA	25	286
Eastern Virginia Medical School	Norfolk	VA	21	279
Grand Rapids Medical Education and Research Center	Grand Rapids	MI	16	274
University of Florida College of Medicine Jacksonville	Jacksonville	FL	26	273
Allegheny General Hospital	Pittsburgh	PA	26	272
Bronx-Lebanon Hospital Center	Bronx	NY	11	268
Southern Illinois University School of Medicine	Springfield	IL	26	262
University of Kansas School of Medicine (Wichita)	Wichita	KS	13	259
Fletcher Allen Health Care	Burlington	VT	35	259
Cincinnati Children's Hospital Medical Center	Cincinnati	OH	32	257
Geisinger Health System	Danville	PA	25	252
James H Quillen College of Medicine	Johnson City	TN	13	247
Cooper Hospital-University Medical Center	Camden	NJ	26	246
Nassau University Medical Center	East Meadow	NY	15	246
Madigan Army Medical Center	Tacoma	WA	17	244
University of Nevada School of Medicine	Reno	NV	18	242
Washington Hospital Center	Washington	DC	21	242
Naval Medical Center (Portsmouth)	Portsmouth	VA	12	242
Banner Good Samaritan Medical Center	Phoenix	AZ	14	234
Howard University Hospital	Washington	DC	17	233
New York Methodist Hospital	Brooklyn	NY	14	230
University of South Alabama Hospitals	Mobile	AL	18	223
Winthrop-University Hospital	Mineola	NY	19	223
Palmetto Health	Columbia	SC	19	220
Ochsner Clinic Foundation	New Orleans	LA	18	220
Maine Medical Center	Portland	ME	17	219
Brooklyn Hospital Center	Brooklyn	NY	9	217
Atlantic Health	Morristown	NJ	10	216
University of Hawaii John A Burns School of Medicine	Honolulu	HI	17	216
Brookdale University Hospital and Medical Center	Brooklyn	NY	9	215

## List of Multiple Program Sponsoring Institutions (reviewed by IRC), by Resident Count

...continued				
Institution Name	Institution City	Institution State	Number of Programs	Number of Residents
Carolinas Medical Center	Charlotte	NC	16	214
University of Toledo	Toledo	OH	23	213
Lenox Hill Hospital	New York	NY	16	208
UCSF Fresno Medical Education Program	Fresno	CA	13	208
Texas Tech University Health Sciences Center at Lubbock	Lubbock	TX	19	206
Orlando Health	Orlando	FL	13	202
Creighton University School of Medicine	Omaha	NE	17	200
Tripler Army Medical Center	Tripler AMC	HI	12	199
St John Hospital and Medical Center	Detroit	MI	12	194
University of Illinois College of Medicine at Peoria	Peoria	IL	13	193
Hennepin County Medical Center	Minneapolis	MN	11	192
Lincoln Medical and Mental Health Center	Bronx	NY	6	192
Kaiser Permanente Medical Group (Northern California)	Oakland	CA	9	187
Seton Hall University School of Health and Medical Sciences	South Orange	NJ	15	185
Summa Health System	Akron	OH	12	181
Baylor University Medical Center	Dallas	TX	18	177
Texas Tech University Hlth Sci Ctr Paul L. Foster Sch of Med	El Paso	TX	9	177
University of Oklahoma College of Medicine-Tulsa	Tulsa	OK	10	177
Michigan State Univ/Kalamazoo Center for Medical Studies	Kalamazoo	MI	10	176
New York Hospital Medical Center of Queens	Flushing	NY	11	176
Maricopa Medical Center	Phoenix	AZ	8	175
University of Tennessee Graduate School of Medicine	Knoxville	TN	17	172
St Joseph's Hospital and Medical Center	Phoenix	AZ	16	169
Advocate Lutheran General Hospital	Park Ridge	IL	12	167
Newark Beth Israel Medical Center	Newark	NJ	15	167
Harlem Hospital Center	New York	NY	10	166
Children's National Medical Center	Washington	DC	17	164
Greenville Hospital System/University of South Carolina	Greenville	SC	10	164
Carilion Clinic	Roanoke	VA	9	159
Staten Island University Hospital	Staten Island	NY	10	159
Nationwide Children's Hospital	Columbus	OH	26	154
Providence Hospital and Medical Centers	Southfield	MI	12	149
University of Tennessee College of Medicine-Chattanooga	Chattanooga	TN	13	149
Jefferson Medical College	Philadelphia	PA	11	148
Lehigh Valley Hospital Network	Allentown	PA	10	147
Childrens Hospital Los Angeles	Los Angeles	CA	19	146
Caritas St Elizabeth's Medical Center of Boston	Boston	MA	10	145
Memorial Sloan-Kettering Cancer Center	New York	NY	17	142
Methodist Hospital (Houston)	Houston	TX	18	142
Marshall University School of Medicine	Huntington	WV	11	138
John Peter Smith Hospital (Tarrant County Hospital District)	Fort Worth	TX	7	138
St Barnabas Medical Center	Livingston	NJ	7	137
Aurora Health Care	Milwaukee	WI	10	135
Michigan State University College of Human Medicine	Lansing	MI	14	133
Christiana Care Health Services Inc	Wilmington	DE	9	130
Morehouse School of Medicine	Atlanta	GA	7	128
Lahey Clinic	Burlington	MA	12	127
UAMS-Area Health Education Centers	Little Rock	AR	6	127
Jamaica Hospital Medical Center	Jamaica	NY	5	122
Western Pennsylvania Hospital	Pittsburgh	PA	10	121

## List of Multiple Program Sponsoring Institutions (reviewed by IRC), by Resident Count

...continued				
Institution Name	Institution City	Institution State	Number of Programs	Number of Residents
St Vincent Hospitals and Health Care Center	Indianapolis	IN	10	121
Akron General Medical Center	Akron	OH	8	120
Advocate Illinois Masonic Medical Center	Chicago	IL	6	119
Hospital of St Raphael	New Haven	CT	7	119
Long Island College Hospital	Brooklyn	NY	6	117
Abington Memorial Hospital	Abington	PA	5	116
Memorial Health-University Medical Center	Savannah	GA	6	116
Virginia Mason Medical Center	Seattle	WA	6	115
York Hospital	York	PA	5	115
Riverside Methodist Hospitals (OhioHealth)	Columbus	OH	7	113
Chicago Medical School/Rosalind Franklin Univ of Med & Sci	North Chicago	IL	6	112
Kern Medical Center	Bakersfield	CA	8	112
St Joseph Hospital	Chicago	IL	5	111
Resurrection Medical Center	Chicago	IL	5	111
Charleston Area Medical Center/West Virginia University	Charleston	WV	8	107
Pennsylvania Hospital (UPHS)	Philadelphia	PA	8	107
TriHealth	Cincinnati	OH	6	106
St Luke's Hospital	Bethlehem	PA	8	106
Flushing Hospital Medical Center	Flushing	NY	5	106
St Barnabas Hospital	Bronx	NY	2	105
Lankenau Hospital	Wynnewood	PA	9	105
Santa Clara Valley Medical Center	San Jose	CA	4	104
California Pacific Medical Center	San Francisco	CA	9	103
Exempla St Joseph Hospital	Denver	CO	4	102
St Joseph Mercy Hospital	Ann Arbor	MI	4	102
VA Caribbean Healthcare System	San Juan	PR	8	101
Lutheran Medical Center	Brooklyn	NY	3	100
Advocate Christ Medical Center	Oak Lawn	IL	4	100
Monmouth Medical Center	Long Branch	NJ	6	100
Alameda County Medical Center	Oakland	CA	2	99
Cambridge Health Alliance	Cambridge	MA	7	98
University of Wisconsin School of Medicine and Public Health	Madison	WI	5	98
Medical Center of Central Georgia	Macon	GA	7	97
St Vincent Hospital	Worcester	MA	5	96
St Vincent Mercy Medical Center	Toledo	OH	4	95
Meharry Medical College School of Medicine	Nashville	TN	7	94
Detroit Medical Center Corporation	Detroit	MI	4	94
Mount Sinai Medical Center of Florida, Inc	Miami Beach	FL	6	94
Clinical Center at the National Institutes of Health	Bethesda	MD	17	92
Mercy Catholic Medical Center Inc	Conshohocken	PA	4	91
St Christopher's Hospital for Children (Tenet Health System)	Philadelphia	PA	11	91
Crozer-Chester Medical Center	Upland	PA	6	90
Jersey Shore University Medical Center	Neptune	NJ	5	88
Univ of North Dakota School of Medicine and Health Sciences	Grand Forks	ND	6	88
San Juan City Hospital	San Juan	PR	7	88
Woodhull Medical and Mental Health Center	Brooklyn	NY	2	87
VA Greater Los Angeles Healthcare System	Los Angeles	CA	12	86
Oakwood Hospital	Dearborn	MI	5	86
Miami Children's Hospital	Miami	FL	6	85
Rochester General Hospital	Rochester	NY	3	84

## List of Multiple Program Sponsoring Institutions (reviewed by IRC), by Resident Count

...continued				
Institution Name	Institution City	Institution State	Number of Programs	Number of Residents
Central Iowa Health System (Iowa Methodist/Iowa Lutheran)	Des Moines	IA	5	83
Synergy Medical Education Alliance	Saginaw	MI	5	82
Earl K Long Medical Center	Baton Rouge	LA	3	82
Sparrow Hospital	Lansing	MI	7	82
St Joseph Mercy-Oakland	Pontiac	MI	5	81
Texas Tech University Health Sciences Center at Amarillo	Amarillo	TX	5	81
Baptist Health System Inc	Birmingham	AL	5	81
Swedish Medical Center	Seattle	WA	4	80
Bridgeport Hospital	Bridgeport	CT	8	79
Union Memorial Hospital	Baltimore	MD	8	79
Hurley Medical Center	Flint	MI	6	79
St Peter's University Hospital	New Brunswick	NJ	3	78
St Francis Hospital	Evanston	IL	4	78
Atlanta Medical Center	Atlanta	GA	5	77
Providence Health System, Portland Service Area	Portland	OR	3	76
Mount Carmel	Columbus	OH	5	76
Wyckoff Heights Medical Center	Brooklyn	NY	2	72
Dwight David Eisenhower Army Medical Center	Fort Gordon	GA	5	72
William Beaumont Army Medical Center	El Paso	TX	4	70
Methodist Health System Dallas	Dallas	TX	4	70
Inland Empire Hospital Services Association	Spokane	WA	7	70
Fairview Hospital	Cleveland	OH	4	70
St John's Mercy Medical Center	St Louis	MO	4	69
Franklin Square Hospital Center	Baltimore	MD	3	68
Forum Health/Western Reserve Care System (Youngstown)	Youngstown	OH	4	68
University of Texas M D Anderson Cancer Center	Houston	TX	19	67
Sinai Hospital of Baltimore	Baltimore	MD	7	67
Conemaugh Valley Memorial Hospital	Johnstown	PA	5	66
Memorial Hospital of Rhode Island	Pawtucket	RI	2	66
Mercy Hospital and Medical Center	Chicago	IL	2	66
White Memorial Medical Center	Los Angeles	CA	4	65
Danbury Hospital	Danbury	CT	4	65
McLaren Regional Medical Center	Flint	MI	3	65
Kingsbrook Jewish Medical Center	Brooklyn	NY	3	65
Genesys Regional Medical Center	Grand Blanc	MI	2	65
Huron Hospital	East Cleveland	OH	2	65
Roger Williams Medical Center	Providence	RI	7	64
Children's Hospital Medical Center of Akron	Akron	OH	9	63
New York Downtown Hospital	New York	NY	2	63
Norwalk Hospital	Norwalk	CT	5	63
Hospital Episcopal San Lucas	Ponce	PR	5	63
Wayne State University School of Medicine	Detroit	MI	6	62
New Hanover Regional Medical Center	Wilmington	NC	4	62
Ball Memorial Hospital	Muncie	IN	4	61
Hartford Hospital	Hartford	CT	8	61
Texas Tech University Health Sciences Center (Permian Basin)	Odessa	TX	4	61
St Agnes Hospital	Baltimore	MD	2	60
Florida Hospital Medical Center	Orlando	FL	5	60
Stamford Hospital	Stamford	CT	4	60
Scripps Clinic/Scripps Green Hospital	La Jolla	CA	11	60

## List of Multiple Program Sponsoring Institutions (reviewed by IRC), by Resident Count

...continued				
Institution Name	Institution City	Institution State	Number of Programs	Number of Residents
David Grant Medical Center	Travis AFB	CA	3	59
Reading Hospital and Medical Center	West Reading	PA	4	59
University of South Dakota School of Medicine	Sioux Falls	SD	5	59
Riverside Regional Medical Center	Newport News	VA	3	59
Christus Spohn Memorial Hospital	Corpus Christi	TX	3	58
United Health Services Hospitals	Johnson City	NY	5	58
San Joaquin General Hospital	French Camp	CA	4	58
Cleveland Clinic Florida	Weston	FL	8	57
Berkshire Medical Center	Pittsfield	MA	4	57
Robert Packer Hospital	Sayre	PA	3	57
Spartanburg Regional Healthcare System	Spartanburg	SC	3	57
Marshfield Clinic-St Joseph's Hospital	Marshfield	WI	7	56
Scripps Mercy Hospital	San Diego	CA	3	56
Mount Auburn Hospital	Cambridge	MA	2	55
St Elizabeth Health Center	Youngstown	OH	4	55
Legacy Emanuel Hospital and Health Center	Portland	OR	2	54
Aultman Hospital	Canton	OH	4	54
Mountain Area Health Education Center	Asheville	NC	4	54
Inova Fairfax Hospital	Falls Church	VA	3	52
Bassett Healthcare	Cooperstown	NY	3	51
Christ Hospital	Cincinnati	OH	3	50
University Medical Center (Lafayette)	Lafayette	LA	3	50
Santa Barbara Cottage Hospital	Santa Barbara	CA	3	50
MacNeal Hospital	Berwyn	IL	3	49
Caritas Carney Hospital	Boston	MA	2	49
PinnacleHealth Hospitals	Harrisburg	PA	2	49
St Vincent's Medical Center	Bridgeport	CT	3	48
St Mary's Hospital	Waterbury	CT	2	47
Gundersen Lutheran Medical Foundation	La Crosse	WI	3	47
Mount Sinai Hospital Medical Center of Chicago	Chicago	IL	3	47
Moses H Cone Memorial Hospital	Greensboro	NC	3	47
West Suburban Medical Center	Oak Park	IL	3	46
Arrowhead Regional Medical Center	Colton	CA	3	46
Massachusetts Eye and Ear Infirmary	Boston	MA	3	45
St Mary's Hospital and Medical Center	San Francisco	CA	2	45
Mountainside Hospital	Montclair	NJ	3	45
Jewish Hospital of Cincinnati	Cincinnati	OH	2	43
Harbor Hospital Center	Baltimore	MD	2	43
Austin Medical Education Program of Seton Healthcare Network	Austin	TX	3	43
Providence Hospital	Washington	DC	2	41
The Medical Center Inc	Columbus	GA	2	40
University of Wyoming College of Health Sciences	Laramie	WY	2	40
Fort Wayne Medical Education Program	Fort Wayne	IN	2	40
Greater Baltimore Medical Center	Baltimore	MD	2	40
Louis A Weiss Memorial Hospital	Chicago	IL	2	40
Kettering Medical Center	Kettering	OH	3	40
Carl R Darnall Army Medical Center	Fort Hood	TX	2	40
St Joseph's Hospital Health Center	Syracuse	NY	2	40
AnMed Health	Anderson	SC	3	39
Grant Medical Center (OhioHealth)	Columbus	OH	3	39

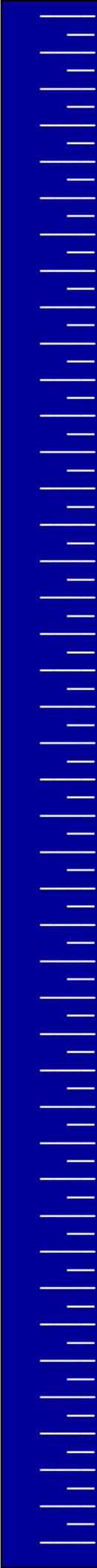
## List of Multiple Program Sponsoring Institutions (reviewed by IRC), by Resident Count

...continued				
Institution Name	Institution City	Institution State	Number of Programs	Number of Residents
Maryland General Hospital	Baltimore	MD	3	39
Women and Infants Hospital of Rhode Island	Providence	RI	3	39
Bayfront Medical Center	St. Petersburg	FL	3	39
MetroWest Medical Center-Framingham Union Hospital	Framingham	MA	2	37
Trident Medical Center	Charleston	SC	2	36
Easton Hospital (Northampton Hospital Corporation)	Easton	PA	2	36
Huntington Memorial Hospital	Pasadena	CA	2	35
HealthPartners Institute for Medical Education	Minneapolis	MN	3	33
Florida State University College of Medicine	Tallahassee	FL	2	33
Damas Hospital	Ponce	PR	2	33
Integrus Baptist Medical Center	Oklahoma City	OK	3	32
Family Medicine Residency of Idaho	Boise	ID	3	32
JFK Medical Center	Edison	NJ	2	30
Broadlawns Medical Center	Des Moines	IA	2	28
Johns Hopkins Bloomberg School of Public Health	Baltimore	MD	2	28
Long Beach Memorial Medical Center	Long Beach	CA	2	28
Bryn Mawr Hospital	Bryn Mawr	PA	2	28
USAF School of Aerospace Medicine	Brooks City-Base	TX	3	28
Keesler Medical Center	Keesler AFB	MS	2	26
University of Illinois College of Medicine at Rockford	Rockford	IL	2	25
Texas Health Presbyterian Dallas	Dallas	TX	2	25
North Colorado Medical Center	Greeley	CO	2	25
University of Texas Health Science Center at Tyler	Tyler	TX	3	24
Wheaton Franciscan Healthcare-St Joseph	Milwaukee	WI	2	24
St Vincent Health Center	Erie	PA	3	23
Christus Santa Rosa Health Care Corporation	San Antonio	TX	3	22
Toledo Hospital	Toledo	OH	3	21
Griffin Hospital	Derby	CT	2	20
Swedish Covenant Hospital	Chicago	IL	2	20
Oakland Physicians Medical Center	Pontiac	MI	2	19
Physicians Medical Center Carraway	Birmingham	AL	4	18
St Francis Hospital and Medical Center	Hartford	CT	2	18
University of Arizona/UPHK Graduate Medical Ed Consortium	Tucson	AZ	5	16
St Mark's Health Care Foundation	Salt Lake City	UT	2	12
Colorado School of Public Health	Aurora	CO	2	11
Children's Mercy Hospital	Kansas City	MO	2	5



# Programs

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## Section Definitions

Program Director: The one physician designated to oversee and organize the activities for an educational program. The program director is responsible for the implementation of the program requirements for a specific specialty. (See specific program requirements for program director responsibilities and qualifications.)

Core program: A structured educational experience in a specialty program in graduate medical education.

Subspecialty program: A structured educational experience following completion of a prerequisite specialty program in graduate medical education designed to conform to the program requirements of a particular subspecialty.

Cycle Length: The interval between a final accreditation action and the target date identified for the next site visit.

## Chapter Highlights

- The total number of accredited programs has increased from the previous academic year from 8,490 to 8,734.
- Among all specialties, family medicine had the largest number of programs (458, 5.2%) followed by internal medicine with (382, 4.4%), and surgery (250, 2.9%).
- Geographically, New York, California, Pennsylvania, and Texas lead the nation in the number of programs. Parts of the upper Great Plains and Mountain States (i.e. ID, MT, WY, ND, and SD) have the fewest programs.
- During the academic year, 88% of accredited programs were operating under full accreditation, 9% were under initial or provisional accreditation, 1% were under probation or warning, and 1% had a recent or upcoming withdrawal status.
- Eighty-three percent (83%) of programs have a cycle length of greater than or equal to three years and less than or equal to five years.
- Three hundred and twenty-eight (328) newly accredited programs began operation during the 2008–2009 academic year. Most of the new accreditations are for subspecialty programs (285 versus 43 for cores), with the highest numbers in hospice and palliative medicine, vascular surgery, and adult cardiothoracic anesthesiology.
- Effective during 2008–2009, 98 programs had their accreditation withdrawn, of which 94% were voluntarily withdrawn.
- The program director turnover rate remained relatively stable from last year. There was only a slight change from 12.1% last academic year to 12.2% of programs this year having at least one new program director. The turnover is slightly higher in the core programs than in subspecialty programs (13.01% versus 11.46%).

- When examining core program director turnover events since 2001, directors of nuclear medicine programs held the longest tenure at an average of 10.1 years while directors in radiation oncology programs held the shortest tenures at an average of 4.6 years. Integrated plastic surgery tenures were short because it is a new specialty.
- Program directors in thoracic surgery self-reported spending the most time among the core specialties in clinical activities (avg. 38.6 hours per week). Program directors in allergy and immunology self-reported the most time among the core specialties in research activities (avg. 13.6 hours per week). Program directors in internal medicine self-reported the most time among the core specialties in teaching activities (avg. 9.5 hours per week). Program directors in integrated thoracic surgery self-reported the most time among the core specialties in administrative activities (avg. 24.9 hours per week).

**Total Number of Programs, by Specialty with Accreditation Information**

Total Number of Programs: 8,734								
			Accredited Length(s) in Years of Education Program					
			1	2	3	4	5	6
Specialty	Min. No. of Prior Years Required Before Entering Specialty	Total Programs	#	#	#	#	#	#
Allergy and immunology	3	74	.	74	.	.	.	.
Anesthesiology	1/0	131	.	.	45	86	.	.
- Adult Cardiothoracic Anesthesiology	4	44	44	.	.	.	.	.
- Critical Care Medicine	4	47	47	.	.	.	.	.
- Pediatric Anesthesiology	4	45	45	.	.	.	.	.
Colon and rectal surgery	5	47	47	.	.	.	.	.
Dermatology	1/0	111	1	.	104	6	.	.
- Dermatopathology	4	54	54	.	.	.	.	.
- Procedural Dermatology	4	36	36	.	.	.	.	.
Emergency medicine	1/0/0	149	.	.	119	30	.	.
- Medical Toxicology	4	24	.	24	.	.	.	.
- Pediatric Emergency Medicine	4	21	.	21	.	.	.	.
- Sports Medicine	4	5	5	.	.	.	.	.
- Undersea and Hyperbaric Medicine	3	5	5	.	.	.	.	.
Family medicine	0	458	.	.	458	.	.	.
- Geriatric Medicine	3	40	40	.	.	.	.	.
- Sports Medicine	3	102	102	.	.	.	.	.
Internal medicine	0	382	.	.	382	.	.	.
- Cardiovascular Disease	3	180	.	.	180	.	.	.
- Clinical Cardiac Electrophysiology	5	97	97	.	.	.	.	.
- Critical Care Medicine	3	32	.	32	.	.	.	.
- Endocrinology, Diabetes, and Metabolism	3	126	.	126	.	.	.	.
- Gastroenterology	3	154	.	.	154	.	.	.
- Geriatric Medicine	3	105	105	.	.	.	.	.
- Hematology	3	8	.	8	.	.	.	.
- Hematology and Oncology	3	128	.	.	128	.	.	.
- Infectious Disease	3	144	.	144	.	.	.	.
- Interventional Cardiology	6	134	134	.	.	.	.	.
- Nephrology	3	142	.	142	.	.	.	.
- Oncology	3	18	.	18	.	.	.	.
- Pulmonary Disease	3	22	.	22	.	.	.	.
- Pulmonary Disease and Critical Care	3	135	.	.	135	.	.	.
- Rheumatology	3	109	.	109	.	.	.	.
- Transplant hepatology	3	27	27	.	.	.	.	.
Medical genetics	2/0	49	.	47	.	2	.	.
- Molecular Genetic Pathology	4	27	27	.	.	.	.	.
- Medical biochemical genetics	4	4	4	.	.	.	.	.
Neurological surgery	1/0	99	.	.	.	.	99	.
- Endovascular surgical neuroradiology	3	1	1	.	.	.	.	.
Neurology	1/0	126	.	.	81	45	.	.
- Child Neurology	2	69	.	.	69	.	.	.
- Clinical Neurophysiology	4	91	91	.	.	.	.	.
- Endovascular surgical neuroradiology	4	1	1	.	.	.	.	.
- Neuromuscular Medicine	3/4	21	21	.	.	.	.	.

Note: There are some limited exceptions to established accredited training lengths of select programs.

## Total Number of Programs, by Specialty with Accreditation Information

...continued Total Number of Programs: 8,734								
			Accredited Length(s) in Years of Education Program					
			1	2	3	4	5	6
Specialty	Min. No. of Prior Years Required Before Entering Specialty	Total Programs	#	#	#	#	#	#
- Neurodevelopmental Disabilities	2	8	.	.	.	8	.	.
- Vascular Neurology	4	65	65	.	.	.	.	.
Nuclear medicine	1	56	.	.	56	.	.	.
Obstetrics and gynecology	0	248	.	.	.	248	.	.
Ophthalmology	1	119	.	.	119	.	.	.
Orthopaedic surgery	0	153	.	.	.	.	153	.
- Adult Reconstructive Orthopaedics	5	20	20	.	.	.	.	.
- Foot and Ankle Orthopaedics	5	9	9	.	.	.	.	.
- Hand Surgery	5	56	56	.	.	.	.	.
- Musculoskeletal Oncology	5	10	10	.	.	.	.	.
- Orthopaedic Sports Medicine	5	88	88	.	.	.	.	.
- Orthopaedic Surgery of the Spine	5	13	13	.	.	.	.	.
- Orthopaedic Trauma	5	7	7	.	.	.	.	.
- Pediatric Orthopaedics	5	21	21	.	.	.	.	.
Otolaryngology	0	103	.	.	.	.	103	.
- Neurotology	4	15	.	15	.	.	.	.
- Pediatric Otolaryngology	4	7	7	.	.	.	.	.
- Pain Medicine	4	94	94	.	.	.	.	.
- Hospice and Palliative Medicine	3	46	46	.	.	.	.	.
Pathology-anatomic and clinical	0	149	.	.	1	148	.	.
- Blood Banking/Transfusion Medicine	3	47	47	.	.	.	.	.
- Chemical Pathology	3	2	2	.	.	.	.	.
- Cytopathology	3	85	85	.	.	.	.	.
- Forensic Pathology	3	38	38	.	.	.	.	.
- Hematology	3	78	78	.	.	.	.	.
- Medical Microbiology	3	13	13	.	.	.	.	.
- Neuropathology	3	35	.	35	.	.	.	.
- Pediatric Pathology	3	24	24	.	.	.	.	.
- Selective Pathology	3	58	58	.	.	.	.	.
Pediatrics	0	194	.	.	194	.	.	.
- Adolescent Medicine	3	26	.	.	26	.	.	.
- Neonatal-Perinatal Medicine	3	98	.	.	98	.	.	.
- Pediatric Cardiology	3	51	.	.	51	.	.	.
- Pediatric Critical Care Medicine	3	61	.	.	61	.	.	.
- Pediatric Emergency Medicine	3	47	.	.	47	.	.	.
- Pediatric Endocrinology	3	67	.	.	67	.	.	.
- Pediatric Gastroenterology	3	54	.	.	54	.	.	.
- Pediatric Hematology/Oncology	3	66	.	.	66	.	.	.
- Pediatric Infectious Diseases	3	61	.	.	61	.	.	.
- Pediatric Nephrology	3	38	.	.	38	.	.	.
- Pediatric Pulmonology	3	48	.	.	48	.	.	.
- Pediatric Rheumatology	3	28	.	.	28	.	.	.
- Pediatric Sports Medicine	3	9	9	.	.	.	.	.

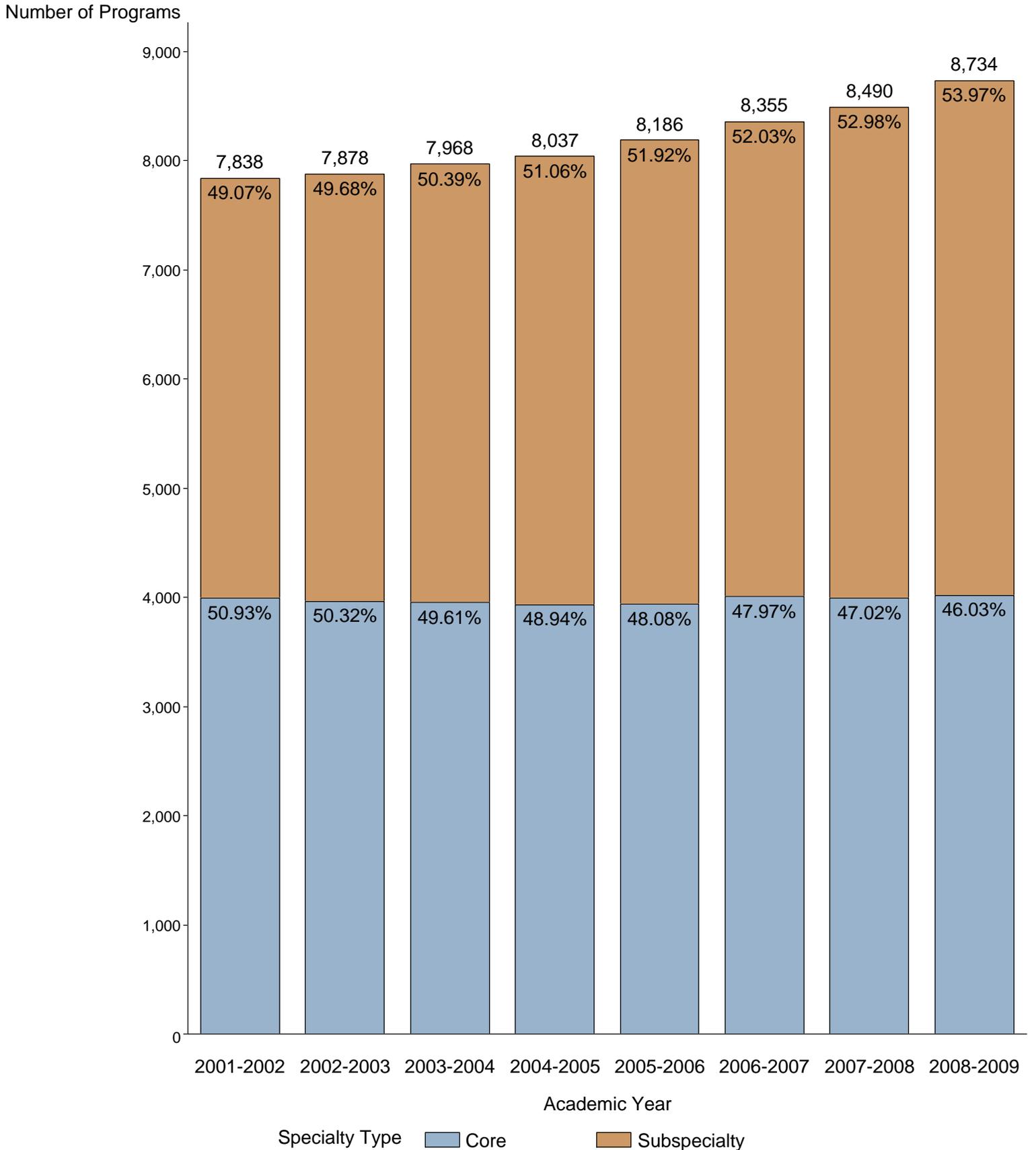
Note: There are some limited exceptions to established accredited training lengths of select programs.

**Total Number of Programs, by Specialty with Accreditation Information**

...continued Total Number of Programs: 8,734								
			Accredited Length(s) in Years of Education Program					
			1	2	3	4	5	6
Specialty	Min. No. of Prior Years Required Before Entering Specialty	Total Programs	#	#	#	#	#	#
- Developmental-Behavioral Pediatrics	3	37	.	.	37	.	.	.
- Pediatric transplant hepatology	3	3	3	.	.	.	.	.
Physical medicine and rehabilitation	1/0	80	.	.	52	28	.	.
- Neuromuscular Medicine	3/4	1	1	.	.	.	.	.
- Pediatric Rehabilitation	4	14	1	13	.	.	.	.
- Spinal Cord Injury Medicine	4	19	19	.	.	.	.	.
Plastic surgery	3/0	89	.	1	75	.	2	11
Plastic Surgery - Integrated	0	30	.	.	.	.	.	30
- Craniofacial Surgery	5	4	4	.	.	.	.	.
- Hand Surgery	5	14	14	.	.	.	.	.
Preventive medicine	1/0	72	8	61	3	.	.	.
- Medical Toxicology	3	2	.	2	.	.	.	.
- Undersea and Hyperbaric Medicine	3	1	1	.	.	.	.	.
Psychiatry	0	182	1	.	1	180	.	.
- Addiction Psychiatry	4	43	42	1	.	.	.	.
- Child and Adolescent Psychiatry	3	122	.	122	.	.	.	.
- Forensic Psychiatry	4	42	42	.	.	.	.	.
- Geriatric Psychiatry	4	58	57	1	.	.	.	.
- Psychosomatic Medicine	4	44	44	.	.	.	.	.
Radiation oncology	1	81	.	.	.	81	.	.
Radiology-diagnostic	1	188	.	.	.	187	1	.
- Abdominal Radiology	4	12	12	.	.	.	.	.
- Cardiothoracic Radiology	5	2	2	.	.	.	.	.
- Endovascular surgical neuroradiology	3	3	3	.	.	.	.	.
- Musculoskeletal Radiology	4	13	13	.	.	.	.	.
- Neuroradiology	4	85	85	.	.	.	.	.
- Nuclear Radiology	4	24	24	.	.	.	.	.
- Pediatric Radiology	4	46	46	.	.	.	.	.
- Vascular and Interventional Radiology	4	93	93	.	.	.	.	.
- Sleep Medicine	3/4/5	68	68	.	.	.	.	.
Surgery	0	250	.	.	.	.	250	.
- Hand Surgery	5	1	1	.	.	.	.	.
- Pediatric Surgery	5	37	.	37	.	.	.	.
- Surgical Critical Care	5	94	94	.	.	.	.	.
- Vascular Surgery	5	97	.	97	.	.	.	.
- Vascular surgery - Integrated	0	12	.	.	.	.	12	.
Thoracic surgery	5	77	.	53	24	.	.	.
- Congenital Cardiac Surgery	6	9	9	.	.	.	.	.
Thoracic Surgery - Integrated	0	3	.	.	.	.	.	3
Urology	2/1	119	.	.	.	118	1	.
- Pediatric Urology	5	23	23	.	.	.	.	.
Transitional year	0	121	121	.	.	.	.	.
Internal Medicine/Pediatrics	0	80	.	.	.	80	.	.

Note: There are some limited exceptions to established accredited training lengths of select programs.

## Number of Programs, by Academic Year



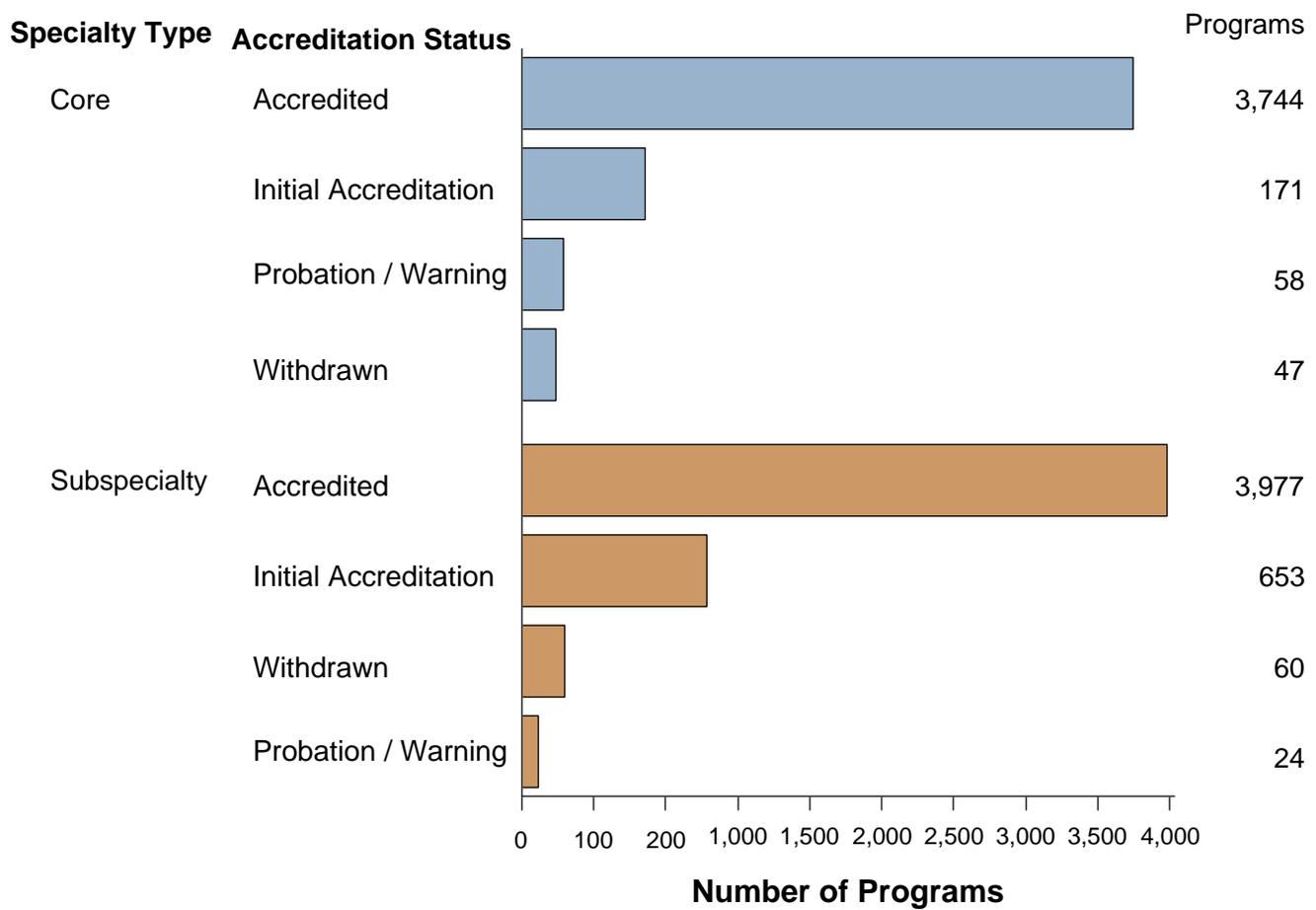
## Number of Core and Subspecialty Programs, by State

State Name	State Abbreviation	Number of Programs	Percentage of All Programs	Number of Core Programs	Percentage of All Core Programs	Number of Subspecialty Programs	Percentage of All Subspecialty Programs
OVERALL	--	8,734	100.0%	4,020	100.0%	4,714	100.0%
Alaska	AK	1	0.0%	1	0.0%	.	.
Alabama	AL	110	1.3%	51	1.3%	59	1.3%
Arkansas	AR	63	0.7%	26	0.6%	37	0.8%
Arizona	AZ	110	1.3%	57	1.4%	53	1.1%
California	CA	753	8.6%	337	8.4%	416	8.8%
Colorado	CO	94	1.1%	40	1.0%	54	1.1%
Connecticut	CT	159	1.8%	74	1.8%	85	1.8%
District of Columbia	DC	159	1.8%	67	1.7%	92	2.0%
Delaware	DE	27	0.3%	11	0.3%	16	0.3%
Florida	FL	293	3.4%	123	3.1%	170	3.6%
Georgia	GA	164	1.9%	79	2.0%	85	1.8%
Hawaii	HI	30	0.3%	20	0.5%	10	0.2%
Iowa	IA	80	0.9%	37	0.9%	43	0.9%
Idaho	ID	4	0.0%	3	0.1%	1	0.0%
Illinois	IL	411	4.7%	207	5.1%	204	4.3%
Indiana	IN	100	1.1%	43	1.1%	57	1.2%
Kansas	KS	58	0.7%	34	0.8%	24	0.5%
Kentucky	KY	99	1.1%	51	1.3%	48	1.0%
Louisiana	LA	143	1.6%	81	2.0%	62	1.3%
Massachusetts	MA	387	4.4%	147	3.7%	240	5.1%
Maryland	MD	214	2.5%	91	2.3%	123	2.6%
Maine	ME	21	0.2%	13	0.3%	8	0.2%
Michigan	MI	347	4.0%	173	4.3%	174	3.7%
Minnesota	MN	174	2.0%	65	1.6%	109	2.3%
Missouri	MO	212	2.4%	89	2.2%	123	2.6%
Mississippi	MS	43	0.5%	23	0.6%	20	0.4%
Montana	MT	2	0.0%	1	0.0%	1	0.0%
North Carolina	NC	247	2.8%	107	2.7%	140	3.0%
North Dakota	ND	7	0.1%	7	0.2%	.	.
Nebraska	NE	55	0.6%	30	0.7%	25	0.5%
New Hampshire	NH	45	0.5%	17	0.4%	28	0.6%
New Jersey	NJ	196	2.2%	114	2.8%	82	1.7%
New Mexico	NM	53	0.6%	20	0.5%	33	0.7%
Nevada	NV	18	0.2%	12	0.3%	6	0.1%
New York	NY	1,105	12.7%	483	12.0%	622	13.2%
Ohio	OH	447	5.1%	202	5.0%	245	5.2%
Oklahoma	OK	65	0.7%	38	0.9%	27	0.6%
Oregon	OR	74	0.8%	30	0.7%	44	0.9%
Pennsylvania	PA	569	6.5%	256	6.4%	313	6.6%
Puerto Rico	PR	67	0.8%	40	1.0%	27	0.6%
Rhode Island	RI	59	0.7%	22	0.5%	37	0.8%
South Carolina	SC	95	1.1%	49	1.2%	46	1.0%
South Dakota	SD	7	0.1%	6	0.1%	1	0.0%
Tennessee	TN	180	2.1%	80	2.0%	100	2.1%
Texas	TX	544	6.2%	252	6.3%	292	6.2%
Utah	UT	66	0.8%	29	0.7%	37	0.8%
Virginia	VA	187	2.1%	91	2.3%	96	2.0%
Vermont	VT	35	0.4%	14	0.3%	21	0.4%
Washington	WA	131	1.5%	61	1.5%	70	1.5%
Wisconsin	WI	163	1.9%	75	1.9%	88	1.9%
West Virginia	WV	59	0.7%	39	1.0%	20	0.4%
Wyoming	WY	2	0.0%	2	0.0%	.	.



## Accreditation Statuses of Currently Accredited Programs, by Specialty Type

Total Accredited Programs = 8,734



Note: Includes withdrawals in current academic year and after 6 / 30 / 2009 .

## Accreditation Statuses of Currently Accredited Programs, by Specialty

			Accreditation Status							
			Accredited		Initial Accreditation		Probation / Warning		Withdrawn	
Specialty	Number of Programs	Average Cycle Length	#	%	#	%	#	%	#	%
<b>OVERALL</b>	<b>8,734</b>	<b>4.03</b>	7,721	88%	824	9%	82	1%	107	1%
Allergy and immunology	74	4.18	70	95%	3	4%	.	.	1	1%
Anesthesiology	131	3.70	128	98%	2	2%	1	1%	.	.
- Adult Cardiothoracic Anesthesiology	44	2.93	7	16%	37	84%	.	.	.	.
- Critical Care Medicine	47	4.27	42	89%	3	6%	.	.	2	4%
- Pediatric Anesthesiology	45	3.73	41	91%	3	7%	1	2%	.	.
Colon and rectal surgery	47	3.69	40	85%	6	13%	1	2%	.	.
Dermatology	111	4.26	108	97%	2	2%	.	.	1	1%
- Dermatopathology	54	3.87	43	80%	10	19%	.	.	1	2%
- Procedural Dermatology	36	3.92	32	89%	4	11%	.	.	.	.
Emergency medicine	149	4.58	134	90%	15	10%	.	.	.	.
- Medical Toxicology	24	4.17	22	92%	2	8%	.	.	.	.
- Pediatric Emergency Medicine	21	3.95	14	67%	7	33%	.	.	.	.
- Sports Medicine	5	3.80	3	60%	2	40%	.	.	.	.
- Undersea and Hyperbaric Medicine	5	3.60	2	40%	3	60%	.	.	.	.
Family medicine	458	4.07	435	95%	7	2%	3	1%	13	3%
- Geriatric Medicine	40	4.13	30	75%	8	20%	.	.	2	5%
- Sports Medicine	102	4.27	75	74%	27	26%	.	.	.	.
Internal medicine	382	4.25	372	97%	6	2%	2	1%	2	1%
- Cardiovascular Disease	180	4.10	168	93%	8	4%	2	1%	2	1%
- Clinical Cardiac Electrophysiology	97	3.82	83	86%	12	12%	1	1%	1	1%
- Critical Care Medicine	32	4.14	28	88%	3	9%	1	3%	.	.
- Endocrinology, Diabetes, and Metabolism	126	4.32	117	93%	7	6%	1	1%	1	1%
- Gastroenterology	154	4.01	150	97%	2	1%	2	1%	.	.
- Geriatric Medicine	105	4.33	95	90%	6	6%	1	1%	3	3%
- Hematology	8	4.13	8	100%	.	.	.	.	.	.
- Hematology and Oncology	128	3.94	124	97%	2	2%	2	2%	.	.
- Infectious Disease	144	4.34	136	94%	5	3%	2	1%	1	1%
- Interventional Cardiology	134	3.95	116	87%	17	13%	1	1%	.	.
- Nephrology	142	4.07	131	92%	10	7%	1	1%	.	.
- Oncology	18	3.79	15	83%	2	11%	.	.	1	6%
- Pulmonary Disease	22	3.73	16	73%	3	14%	1	5%	2	9%
- Pulmonary Disease and Critical Care Medicine	135	4.09	128	95%	6	4%	1	1%	.	.
- Rheumatology	109	4.28	100	92%	5	5%	2	2%	2	2%
- Transplant hepatology	27	2.04	1	4%	25	93%	.	.	1	4%
Medical genetics	49	4.19	47	96%	2	4%	.	.	.	.
- Molecular Genetic Pathology	27	3.94	16	59%	11	41%	.	.	.	.
- Medical biochemical genetics	4	2.00	.	.	4	100%	.	.	.	.
Neurological surgery	99	4.26	97	98%	2	2%	.	.	.	.
- Endovascular surgical neuroradiology	1	3.00	.	.	1	100%	.	.	.	.
Neurology	126	4.01	120	95%	6	5%	.	.	.	.
- Child Neurology	69	4.13	66	96%	3	4%	.	.	.	.
- Clinical Neurophysiology	91	3.98	83	91%	7	8%	.	.	1	1%

Note: Includes withdrawals in current academic year and after 6 / 30 / 2009 .

**Accreditation Statuses of Currently Accredited Programs, by Specialty**

...continued										
			Accreditation Status							
			Accredited		Initial Accreditation		Probation / Warning		Withdrawn	
Specialty	Number of Programs	Average Cycle Length	#	%	#	%	#	%	#	%
- Endovascular surgical neuroradiology	1	2.00	.	.	1	100%	.	.	.	.
- Neuromuscular Medicine	21	3.52	13	62%	8	38%	.	.	.	.
- Neurodevelopmental Disabilities	8	3.38	7	88%	1	13%	.	.	.	.
- Vascular Neurology	65	3.03	29	45%	34	52%	.	.	2	3%
Nuclear medicine	56	4.54	54	96%	2	4%	.	.	.	.
Obstetrics and gynecology	248	3.48	228	92%	4	2%	15	6%	1	0%
Ophthalmology	119	4.07	113	95%	4	3%	1	1%	1	1%
Orthopaedic surgery	153	3.90	139	91%	4	3%	9	6%	1	1%
- Adult Reconstructive Orthopaedics	20	4.28	17	85%	1	5%	.	.	2	10%
- Foot and Ankle Orthopaedics	9	4.22	8	89%	1	11%	.	.	.	.
- Hand Surgery	56	3.84	50	89%	5	9%	1	2%	.	.
- Musculoskeletal Oncology	10	4.40	8	80%	2	20%	.	.	.	.
- Orthopaedic Sports Medicine	88	3.42	58	66%	29	33%	.	.	1	1%
- Orthopaedic Surgery of the Spine	13	3.69	10	77%	3	23%	.	.	.	.
- Orthopaedic Trauma	7	3.57	5	71%	2	29%	.	.	.	.
- Pediatric Orthopaedics	21	4.14	18	86%	3	14%	.	.	.	.
Otolaryngology	103	3.73	98	95%	3	3%	2	2%	.	.
- Neurotology	15	3.60	12	80%	3	20%	.	.	.	.
- Pediatric Otolaryngology	7	3.86	5	71%	2	29%	.	.	.	.
- Pain Medicine	94	3.48	85	90%	5	5%	.	.	4	4%
- Hospice and Palliative Medicine	46	2.91	.	.	46	100%	.	.	.	.
Pathology-anatomic and clinical	149	4.18	149	100%	.	.	.	.	.	.
- Blood Banking/Transfusion Medicine	47	4.58	43	91%	2	4%	.	.	2	4%
- Chemical Pathology	2	4.50	2	100%	.	.	.	.	.	.
- Cytopathology	85	4.55	81	95%	4	5%	.	.	.	.
- Forensic Pathology	38	3.93	34	89%	2	5%	1	3%	1	3%
- Hematology	78	4.33	72	92%	5	6%	1	1%	.	.
- Medical Microbiology	13	4.21	10	77%	2	15%	.	.	1	8%
- Neuropathology	35	4.59	33	94%	1	3%	.	.	1	3%
- Pediatric Pathology	24	4.30	22	92%	.	.	.	.	2	8%
- Selective Pathology	58	4.13	44	76%	13	22%	.	.	1	2%
Pediatrics	194	3.91	190	98%	1	1%	3	2%	.	.
- Adolescent Medicine	26	4.35	24	92%	2	8%	.	.	.	.
- Neonatal-Perinatal Medicine	98	4.18	93	95%	2	2%	1	1%	2	2%
- Pediatric Cardiology	51	4.19	43	84%	6	12%	.	.	2	4%
- Pediatric Critical Care Medicine	61	3.97	54	89%	6	10%	.	.	1	2%
- Pediatric Emergency Medicine	47	4.21	45	96%	2	4%	.	.	.	.
- Pediatric Endocrinology	67	4.16	63	94%	4	6%	.	.	.	.
- Pediatric Gastroenterology	54	3.94	48	89%	4	7%	.	.	2	4%
- Pediatric Hematology/Oncology	66	4.13	57	86%	9	14%	.	.	.	.
- Pediatric Infectious Diseases	61	4.36	60	98%	1	2%	.	.	.	.
- Pediatric Nephrology	38	3.89	29	76%	8	21%	1	3%	.	.
- Pediatric Pulmonology	48	4.04	41	85%	7	15%	.	.	.	.

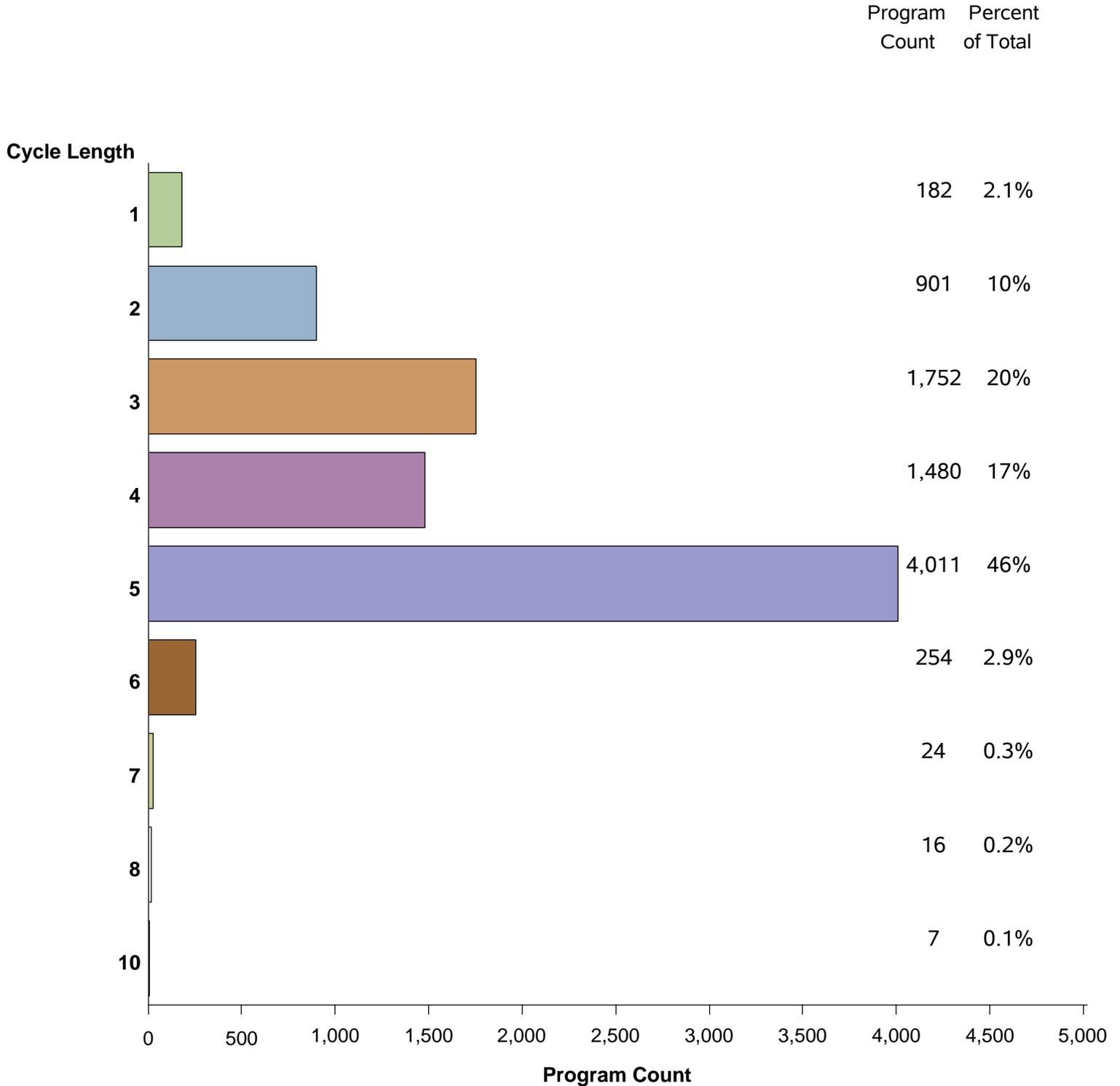
Note: Includes withdrawals in current academic year and after 6 / 30 / 2009 .

## Accreditation Statuses of Currently Accredited Programs, by Specialty

...continued										
			Accreditation Status							
			Accredited		Initial Accreditation		Probation / Warning		Withdrawn	
Specialty	Number of Programs	Average Cycle Length	#	%	#	%	#	%	#	%
- Pediatric Rheumatology	28	4.54	25	89%	3	11%	.	.	.	.
- Pediatric Sports Medicine	9	3.67	6	67%	3	33%	.	.	.	.
- Developmental-Behavioral Pediatrics	37	3.94	23	62%	13	35%	.	.	1	3%
- Pediatric transplant hepatology	3	2.67	.	.	3	100%	.	.	.	.
Physical medicine and rehabilitation	80	3.54	77	96%	1	1%	1	1%	1	1%
- Neuromuscular Medicine	1	3.00	.	.	1	100%	.	.	.	.
- Pediatric Rehabilitation	14	3.50	7	50%	7	50%	.	.	.	.
- Spinal Cord Injury Medicine	19	3.84	18	95%	1	5%	.	.	.	.
Plastic surgery	89	3.97	69	78%	5	6%	.	.	15	17%
Plastic Surgery - Integrated	30	4.20	29	97%	1	3%	.	.	.	.
- Craniofacial Surgery	4	4.25	4	100%	.	.	.	.	.	.
- Hand Surgery	14	3.57	13	93%	1	7%	.	.	.	.
Preventive medicine	72	4.59	68	94%	1	1%	.	.	3	4%
- Medical Toxicology	2	5.00	2	100%	.	.	.	.	.	.
- Undersea and Hyperbaric Medicine	1	5.00	1	100%	.	.	.	.	.	.
Psychiatry	182	4.18	177	97%	4	2%	1	1%	.	.
- Addiction Psychiatry	43	4.29	37	86%	5	12%	.	.	1	2%
- Child and Adolescent Psychiatry	122	4.55	112	92%	10	8%	.	.	.	.
- Forensic Psychiatry	42	4.27	34	81%	7	17%	.	.	1	2%
- Geriatric Psychiatry	58	4.40	53	91%	5	9%	.	.	.	.
- Psychosomatic Medicine	44	3.43	19	43%	25	57%	.	.	.	.
Radiation oncology	81	4.16	74	91%	3	4%	4	5%	.	.
Radiology-diagnostic	188	4.40	183	97%	3	2%	2	1%	.	.
- Abdominal Radiology	12	4.64	10	83%	1	8%	.	.	1	8%
- Endovascular surgical neuroradiology	3	4.50	2	67%	1	33%	.	.	.	.
- Musculoskeletal Radiology	13	4.19	10	77%	3	23%	.	.	.	.
- Neuroradiology	85	4.49	81	95%	3	4%	.	.	1	1%
- Nuclear Radiology	24	4.39	17	71%	5	21%	.	.	2	8%
- Pediatric Radiology	46	4.58	41	89%	2	4%	.	.	3	7%
- Vascular and Interventional Radiology	93	4.31	84	90%	6	6%	.	.	3	3%
- Sleep Medicine	68	3.49	39	57%	29	43%	.	.	.	.
Surgery	250	3.70	235	94%	7	3%	6	2%	2	1%
- Hand Surgery	1	5.00	1	100%	.	.	.	.	.	.
- Pediatric Surgery	37	3.86	30	81%	7	19%	.	.	.	.
- Surgical Critical Care	94	4.30	82	87%	12	13%	.	.	.	.
- Vascular Surgery	97	4.04	92	95%	5	5%	.	.	.	.
- Vascular surgery - Integrated	12	3.33	1	8%	11	92%	.	.	.	.
Thoracic surgery	77	3.59	68	88%	3	4%	5	6%	1	1%
- Congenital Cardiac Surgery	9	2.22	.	.	9	100%	.	.	.	.
Thoracic Surgery - Integrated	3	3.00	.	.	3	100%	.	.	.	.
Urology	119	4.33	114	96%	4	3%	1	1%	.	.
- Pediatric Urology	23	4.43	18	78%	4	17%	.	.	1	4%
Transitional year	121	4.28	111	92%	5	4%	.	.	5	4%
Internal Medicine/Pediatrics	80	2.22	17	21%	62	78%	1	1%	.	.

Note: Includes withdrawals in current academic year and after 6 / 30 / 2009 .

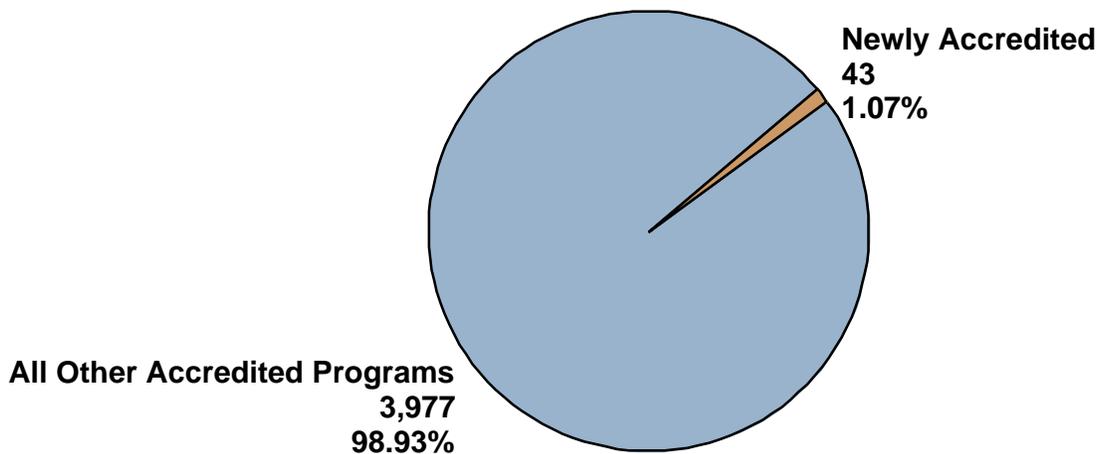
## Cycle Length Breakdown of Currently Accredited Programs



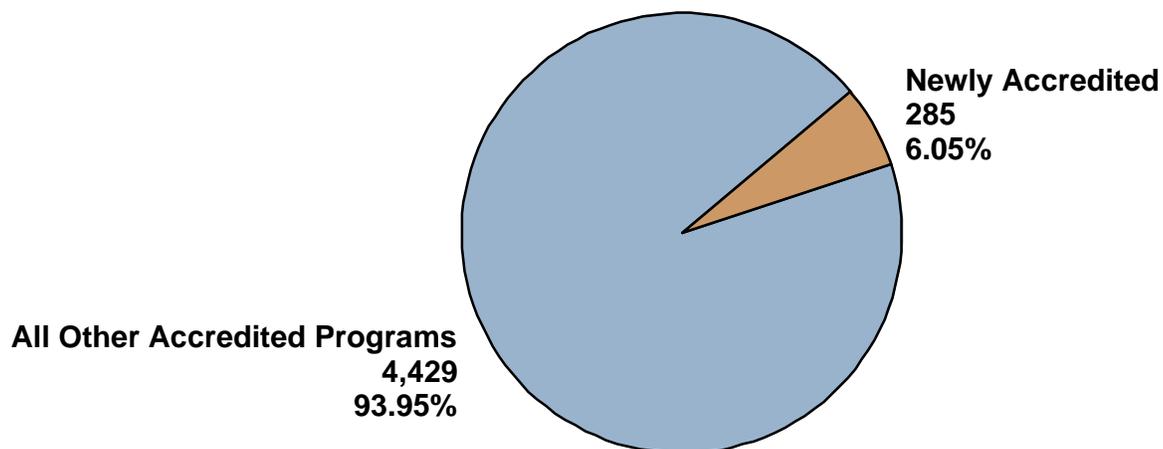
Notes: Cycle Length is measured to the nearest rounded year. Cycle lengths that are beyond six years represent pilot projects. Accredited Programs with future withdrawal dates are excluded.

## Number and Percentage of Newly Accredited Programs During the Academic Year, by Specialty Type

Specialty Type=Core



Specialty Type=Subspecialty



Note: Only new accreditations occurring during the academic year are counted in this table.

## Number of Newly Accredited Programs During the Academic Year, by Specialty

Specialty	Number of Programs	New Accreditations	Percent of Specialty	Percent of All New Accreditations
<b>OVERALL</b>	<b>8,734</b>	<b>328</b>	<b>3.8%</b>	<b>100.0%</b>
Allergy and immunology	74	3	4.1%	0.9%
Anesthesiology	131	1	0.8%	0.3%
- Adult Cardiothoracic Anesthesiology	44	13	29.5%	4.0%
- Critical Care Medicine	47	.	.	.
- Pediatric Anesthesiology	45	2	4.4%	0.6%
Colon and rectal surgery	47	3	6.4%	0.9%
Dermatology	111	2	1.8%	0.6%
- Dermatopathology	54	5	9.3%	1.5%
- Procedural Dermatology	36	3	8.3%	0.9%
Emergency medicine	149	3	2.0%	0.9%
- Medical Toxicology	24	1	4.2%	0.3%
- Pediatric Emergency Medicine	21	4	19.0%	1.2%
- Sports Medicine	5	.	.	.
- Undersea and Hyperbaric Medicine	5	2	40.0%	0.6%
Family medicine	458	1	0.2%	0.3%
- Geriatric Medicine	40	2	5.0%	0.6%
- Sports Medicine	102	8	7.8%	2.4%
Internal medicine	382	2	0.5%	0.6%
- Cardiovascular Disease	180	4	2.2%	1.2%
- Clinical Cardiac Electrophysiology	97	3	3.1%	0.9%
- Critical Care Medicine	32	2	6.3%	0.6%
- Endocrinology, Diabetes, and Metabolism	126	4	3.2%	1.2%
- Gastroenterology	154	2	1.3%	0.6%
- Geriatric Medicine	105	4	3.8%	1.2%
- Hematology	8	.	.	.
- Hematology and Oncology	128	1	0.8%	0.3%
- Infectious Disease	144	3	2.1%	0.9%
- Interventional Cardiology	134	4	3.0%	1.2%
- Nephrology	142	3	2.1%	0.9%
- Oncology	18	2	11.1%	0.6%
- Pulmonary Disease	22	1	4.5%	0.3%
- Pulmonary Disease and Critical Care Medicine	135	5	3.7%	1.5%
- Rheumatology	109	.	.	.
- Transplant hepatology	27	6	22.2%	1.8%
Medical genetics	49	1	2.0%	0.3%
- Molecular Genetic Pathology	27	5	18.5%	1.5%
- Medical biochemical genetics	4	4	100.0%	1.2%
Neurological surgery	99	2	2.0%	0.6%
- Endovascular surgical neuroradiology	1	.	.	.
Neurology	126	4	3.2%	1.2%
- Child Neurology	69	2	2.9%	0.6%
- Clinical Neurophysiology	91	4	4.4%	1.2%
- Endovascular surgical neuroradiology	1	1	100.0%	0.3%
- Neuromuscular Medicine	21	5	23.8%	1.5%

Notes: Only new accreditations occurring during the academic year are counted in this table. Integrated plastic surgery was first accredited as a separate specialty during the 2008-2009 academic year and did not receive initial accreditation statuses because they were existing programs under the plastic surgery specialty.

## Number of Newly Accredited Programs During the Academic Year, by Specialty

...continued				
Specialty	Number of Programs	New Accreditations	Percent of Specialty	Percent of All New Accreditations
- Neurodevelopmental Disabilities	8	1	12.5%	0.3%
- Vascular Neurology	65	22	33.8%	6.7%
Nuclear medicine	56	1	1.8%	0.3%
Obstetrics and gynecology	248	.	.	.
Ophthalmology	119	1	0.8%	0.3%
Orthopaedic surgery	153	.	.	.
- Adult Reconstructive Orthopaedics	20	.	.	.
- Foot and Ankle Orthopaedics	9	1	11.1%	0.3%
- Hand Surgery	56	1	1.8%	0.3%
- Musculoskeletal Oncology	10	.	.	.
- Orthopaedic Sports Medicine	88	8	9.1%	2.4%
- Orthopaedic Surgery of the Spine	13	1	7.7%	0.3%
- Orthopaedic Trauma	7	.	.	.
- Pediatric Orthopaedics	21	1	4.8%	0.3%
Otolaryngology	103	1	1.0%	0.3%
- Neurotology	15	.	.	.
- Pediatric Otolaryngology	7	1	14.3%	0.3%
- Pain Medicine	94	2	2.1%	0.6%
- Hospice and Palliative Medicine	46	46	100.0%	14.0%
Pathology-anatomic and clinical	149	.	.	.
- Blood Banking/Transfusion Medicine	47	1	2.1%	0.3%
- Chemical Pathology	2	.	.	.
- Cytopathology	85	1	1.2%	0.3%
- Forensic Pathology	38	2	5.3%	0.6%
- Hematology	78	1	1.3%	0.3%
- Medical Microbiology	13	.	.	.
- Neuropathology	35	.	.	.
- Pediatric Pathology	24	.	.	.
- Selective Pathology	58	1	1.7%	0.3%
Pediatrics	194	.	.	.
- Adolescent Medicine	26	1	3.8%	0.3%
- Neonatal-Perinatal Medicine	98	1	1.0%	0.3%
- Pediatric Cardiology	51	3	5.9%	0.9%
- Pediatric Critical Care Medicine	61	2	3.3%	0.6%
- Pediatric Emergency Medicine	47	1	2.1%	0.3%
- Pediatric Endocrinology	67	1	1.5%	0.3%
- Pediatric Gastroenterology	54	3	5.6%	0.9%
- Pediatric Hematology/Oncology	66	3	4.5%	0.9%
- Pediatric Infectious Diseases	61	.	.	.
- Pediatric Nephrology	38	4	10.5%	1.2%
- Pediatric Pulmonology	48	2	4.2%	0.6%
- Pediatric Rheumatology	28	2	7.1%	0.6%
- Pediatric Sports Medicine	9	2	22.2%	0.6%
- Developmental-Behavioral Pediatrics	37	4	10.8%	1.2%
- Pediatric transplant hepatology	3	3	100.0%	0.9%

Notes: Only new accreditations occurring during the academic year are counted in this table. Integrated plastic surgery was first accredited as a separate specialty during the 2008-2009 academic year and did not receive initial accreditation statuses because they were existing programs under the plastic surgery specialty.

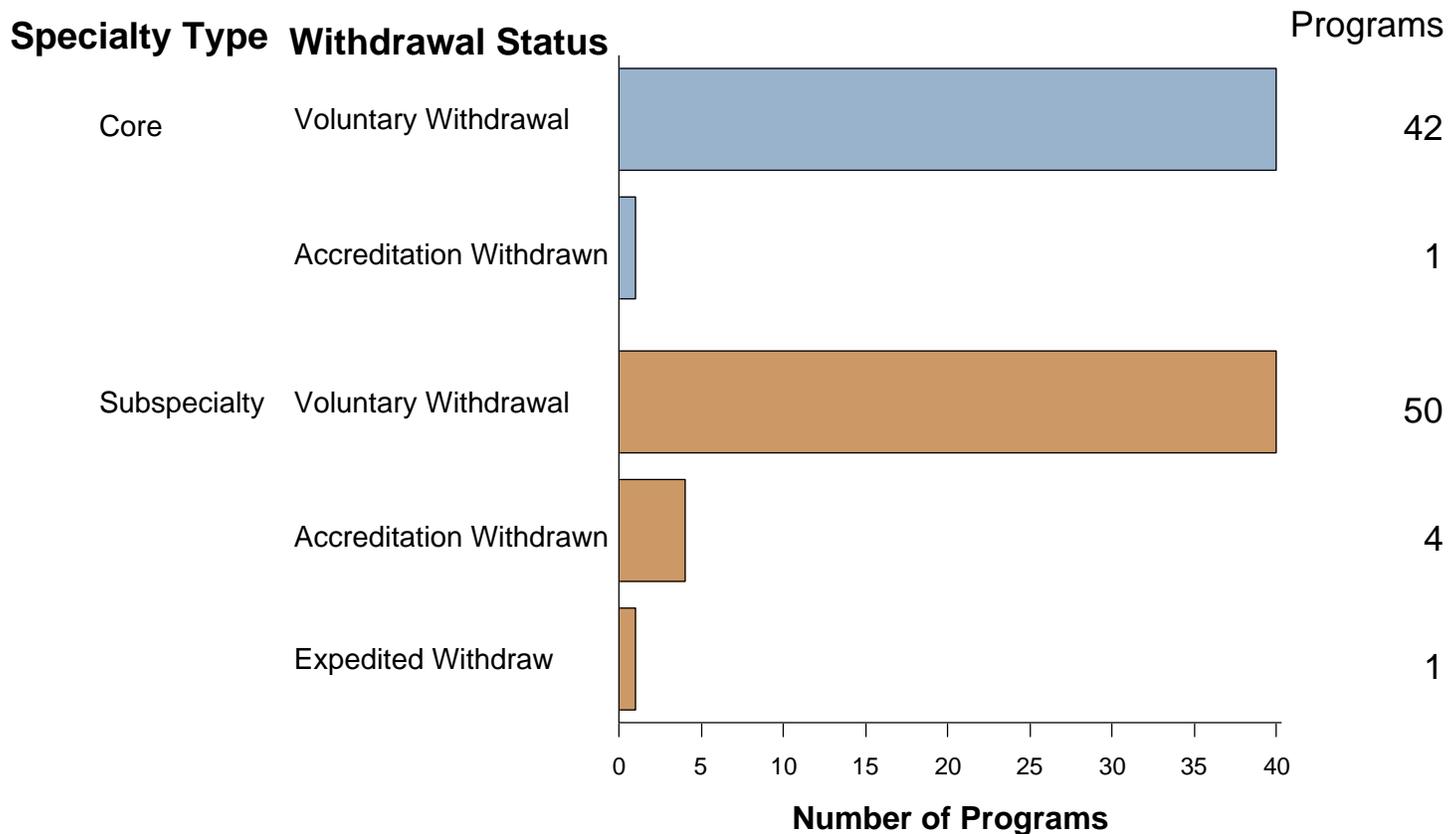
## Number of Newly Accredited Programs During the Academic Year, by Specialty

...continued				
Specialty	Number of Programs	New Accreditations	Percent of Specialty	Percent of All New Accreditations
Physical medicine and rehabilitation	80	1	1.3%	0.3%
- Neuromuscular Medicine	1	1	100.0%	0.3%
- Pediatric Rehabilitation	14	2	14.3%	0.6%
- Spinal Cord Injury Medicine	19	.	.	.
Plastic surgery	89	2	2.2%	0.6%
Plastic Surgery - Integrated	30	.	.	.
- Craniofacial Surgery	4	.	.	.
- Hand Surgery	14	1	7.1%	0.3%
Preventive medicine	72	1	1.4%	0.3%
- Medical Toxicology	2	.	.	.
- Undersea and Hyperbaric Medicine	1	.	.	.
Psychiatry	182	2	1.1%	0.6%
- Addiction Psychiatry	43	3	7.0%	0.9%
- Child and Adolescent Psychiatry	122	1	0.8%	0.3%
- Forensic Psychiatry	42	4	9.5%	1.2%
- Geriatric Psychiatry	58	2	3.4%	0.6%
- Psychosomatic Medicine	44	9	20.5%	2.7%
Radiation oncology	81	1	1.2%	0.3%
Radiology-diagnostic	188	3	1.6%	0.9%
- Abdominal Radiology	12	.	.	.
- Cardiothoracic Radiology	2	.	.	.
- Endovascular surgical neuroradiology	3	.	.	.
- Musculoskeletal Radiology	13	1	7.7%	0.3%
- Neuroradiology	85	.	.	.
- Nuclear Radiology	24	2	8.3%	0.6%
- Pediatric Radiology	46	2	4.3%	0.6%
- Vascular and Interventional Radiology	93	3	3.2%	0.9%
- Sleep Medicine	68	8	11.8%	2.4%
Surgery	250	1	0.4%	0.3%
- Hand Surgery	1	.	.	.
- Pediatric Surgery	37	1	2.7%	0.3%
- Surgical Critical Care	94	4	4.3%	1.2%
- Vascular Surgery	97	1	1.0%	0.3%
- Vascular surgery - Integrated	12	6	50.0%	1.8%
Thoracic surgery	77	.	.	.
- Congenital Cardiac Surgery	9	6	66.7%	1.8%
Thoracic Surgery - Integrated	3	3	100.0%	0.9%
Urology	119	1	0.8%	0.3%
- Pediatric Urology	23	1	4.3%	0.3%
Transitional year	121	2	1.7%	0.6%
Internal Medicine/Pediatrics	80	1	1.3%	0.3%

Notes: Only new accreditations occurring during the academic year are counted in this table. Integrated plastic surgery was first accredited as a separate specialty during the 2008-2009 academic year and did not receive initial accreditation statuses because they were existing programs under the plastic surgery specialty.

## Number of Accreditation Withdrawals During the Academic Year, by Type of Withdrawal and Specialty Type

Total Withdrawn=98



Note: Future withdrawals are excluded and only withdrawals effective during the academic year are counted in this table.

## Number of Accreditation Withdrawals During the Academic Year, by Specialty

Specialty	Total Programs	Accreditation Withdrawals	Percent of Specialty	Percent of All Withdrawals
<b>OVERALL</b>	<b>8,734</b>	<b>98</b>	<b>1.1%</b>	<b>100.0%</b>
Allergy and immunology	74	1	1.4%	1.0%
Anesthesiology	131	.	.	.
- Adult Cardiothoracic Anesthesiology	44	.	.	.
- Critical Care Medicine	47	2	4.3%	2.0%
- Pediatric Anesthesiology	45	.	.	.
Colon and rectal surgery	47	.	.	.
Dermatology	111	1	0.9%	1.0%
- Dermatopathology	54	1	1.9%	1.0%
- Procedural Dermatology	36	.	.	.
Emergency medicine	149	.	.	.
- Medical Toxicology	24	.	.	.
- Pediatric Emergency Medicine	21	.	.	.
- Sports Medicine	5	.	.	.
- Undersea and Hyperbaric Medicine	5	.	.	.
Family medicine	458	11	2.4%	11.2%
- Geriatric Medicine	40	2	5.0%	2.0%
- Sports Medicine	102	.	.	.
Internal medicine	382	2	0.5%	2.0%
- Cardiovascular Disease	180	2	1.1%	2.0%
- Clinical Cardiac Electrophysiology	97	1	1.0%	1.0%
- Critical Care Medicine	32	.	.	.
- Endocrinology, Diabetes, and Metabolism	126	1	0.8%	1.0%
- Gastroenterology	154	.	.	.
- Geriatric Medicine	105	2	1.9%	2.0%
- Hematology	8	.	.	.
- Hematology and Oncology	128	.	.	.
- Infectious Disease	144	1	0.7%	1.0%
- Interventional Cardiology	134	.	.	.
- Nephrology	142	.	.	.
- Oncology	18	1	5.6%	1.0%
- Pulmonary Disease	22	2	9.1%	2.0%
- Pulmonary Disease and Critical Care Medicine	135	.	.	.
- Rheumatology	109	2	1.8%	2.0%
- Transplant hepatology	27	1	3.7%	1.0%
Medical genetics	49	.	.	.
- Molecular Genetic Pathology	27	.	.	.
- Medical biochemical genetics	4	.	.	.
Neurological surgery	99	.	.	.
- Endovascular surgical neuroradiology	1	.	.	.
Neurology	126	.	.	.
- Child Neurology	69	.	.	.
- Clinical Neurophysiology	91	1	1.1%	1.0%
- Endovascular surgical neuroradiology	1	.	.	.
- Neuromuscular Medicine	21	.	.	.

Notes: Future withdrawals are excluded and only withdrawals effective during the academic year are counted in this table. Some plastic surgery programs withdrew because they were transitioned to integrated plastic surgery programs.

## Number of Accreditation Withdrawals During the Academic Year, by Specialty

...continued				
Specialty	Total Programs	Accreditation Withdrawals	Percent of Specialty	Percent of All Withdrawals
- Neurodevelopmental Disabilities	8	.	.	.
- Vascular Neurology	65	2	3.1%	2.0%
Nuclear medicine	56	.	.	.
Obstetrics and gynecology	248	1	0.4%	1.0%
Ophthalmology	119	1	0.8%	1.0%
Orthopaedic surgery	153	.	.	.
- Adult Reconstructive Orthopaedics	20	2	10.0%	2.0%
- Foot and Ankle Orthopaedics	9	.	.	.
- Hand Surgery	56	.	.	.
- Musculoskeletal Oncology	10	.	.	.
- Orthopaedic Sports Medicine	88	1	1.1%	1.0%
- Orthopaedic Surgery of the Spine	13	.	.	.
- Orthopaedic Trauma	7	.	.	.
- Pediatric Orthopaedics	21	.	.	.
Otolaryngology	103	.	.	.
- Neurotology	15	.	.	.
- Pediatric Otolaryngology	7	.	.	.
- Pain Medicine	94	4	4.3%	4.1%
- Hospice and Palliative Medicine	46	.	.	.
Pathology-anatomic and clinical	149	.	.	.
- Blood Banking/Transfusion Medicine	47	2	4.3%	2.0%
- Chemical Pathology	2	.	.	.
- Cytopathology	85	.	.	.
- Forensic Pathology	38	1	2.6%	1.0%
- Hematology	78	.	.	.
- Medical Microbiology	13	1	7.7%	1.0%
- Neuropathology	35	1	2.9%	1.0%
- Pediatric Pathology	24	2	8.3%	2.0%
- Selective Pathology	58	1	1.7%	1.0%
Pediatrics	194	.	.	.
- Adolescent Medicine	26	.	.	.
- Neonatal-Perinatal Medicine	98	1	1.0%	1.0%
- Pediatric Cardiology	51	2	3.9%	2.0%
- Pediatric Critical Care Medicine	61	1	1.6%	1.0%
- Pediatric Emergency Medicine	47	.	.	.
- Pediatric Endocrinology	67	.	.	.
- Pediatric Gastroenterology	54	2	3.7%	2.0%
- Pediatric Hematology/Oncology	66	.	.	.
- Pediatric Infectious Diseases	61	.	.	.
- Pediatric Nephrology	38	.	.	.
- Pediatric Pulmonology	48	.	.	.
- Pediatric Rheumatology	28	.	.	.
- Pediatric Sports Medicine	9	.	.	.
- Developmental-Behavioral Pediatrics	37	1	2.7%	1.0%
- Pediatric transplant hepatology	3	.	.	.

Notes: Future withdrawals are excluded and only withdrawals effective during the academic year are counted in this table. Some plastic surgery programs withdrew because they were transitioned to integrated plastic surgery programs.

## Number of Accreditation Withdrawals During the Academic Year, by Specialty

...continued				
Specialty	Total Programs	Accreditation Withdrawals	Percent of Specialty	Percent of All Withdrawals
Physical medicine and rehabilitation	80	1	1.3%	1.0%
- Neuromuscular Medicine	1	.	.	.
- Pediatric Rehabilitation	14	.	.	.
- Spinal Cord Injury Medicine	19	.	.	.
Plastic surgery	89	14	15.7%	14.3%
Plastic Surgery - Integrated	30	.	.	.
- Craniofacial Surgery	4	.	.	.
- Hand Surgery	14	.	.	.
Preventive medicine	72	3	4.2%	3.1%
- Medical Toxicology	2	.	.	.
- Undersea and Hyperbaric Medicine	1	.	.	.
Psychiatry	182	.	.	.
- Addiction Psychiatry	43	1	2.3%	1.0%
- Child and Adolescent Psychiatry	122	.	.	.
- Forensic Psychiatry	42	1	2.4%	1.0%
- Geriatric Psychiatry	58	.	.	.
- Psychosomatic Medicine	44	.	.	.
Radiation oncology	81	.	.	.
Radiology-diagnostic	188	.	.	.
- Abdominal Radiology	12	1	8.3%	1.0%
- Cardiothoracic Radiology	2	.	.	.
- Endovascular surgical neuroradiology	3	.	.	.
- Musculoskeletal Radiology	13	.	.	.
- Neuroradiology	85	1	1.2%	1.0%
- Nuclear Radiology	24	2	8.3%	2.0%
- Pediatric Radiology	46	3	6.5%	3.1%
- Vascular and Interventional Radiology	93	2	2.2%	2.0%
- Sleep Medicine	68	.	.	.
Surgery	250	2	0.8%	2.0%
- Hand Surgery	1	.	.	.
- Pediatric Surgery	37	.	.	.
- Surgical Critical Care	94	.	.	.
- Vascular Surgery	97	.	.	.
- Vascular surgery - Integrated	12	.	.	.
Thoracic surgery	77	1	1.3%	1.0%
- Congenital Cardiac Surgery	9	.	.	.
Thoracic Surgery - Integrated	3	.	.	.
Urology	119	.	.	.
- Pediatric Urology	23	1	4.3%	1.0%
Transitional year	121	5	4.1%	5.1%
Internal Medicine/Pediatrics	80	.	.	.

Notes: Future withdrawals are excluded and only withdrawals effective during the academic year are counted in this table. Some plastic surgery programs withdrew because they were transitioned to integrated plastic surgery programs.

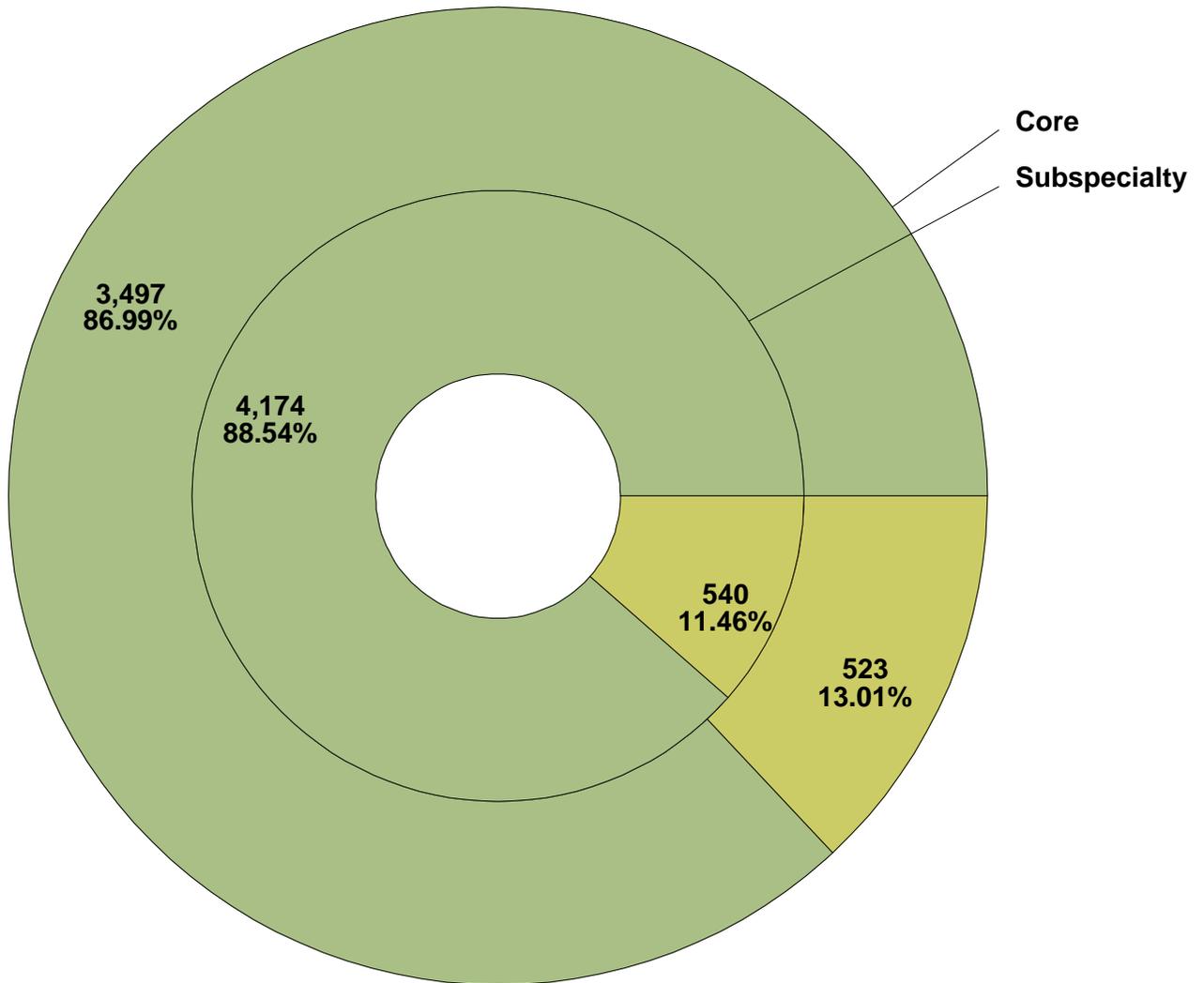
## Number and Percentage of Program Director Changes, by Specialty Type

Total Programs with at Least One PD Change = 1,063

Total # of PD Changes = 1,095

Total # of PD Changes for Cores = 544

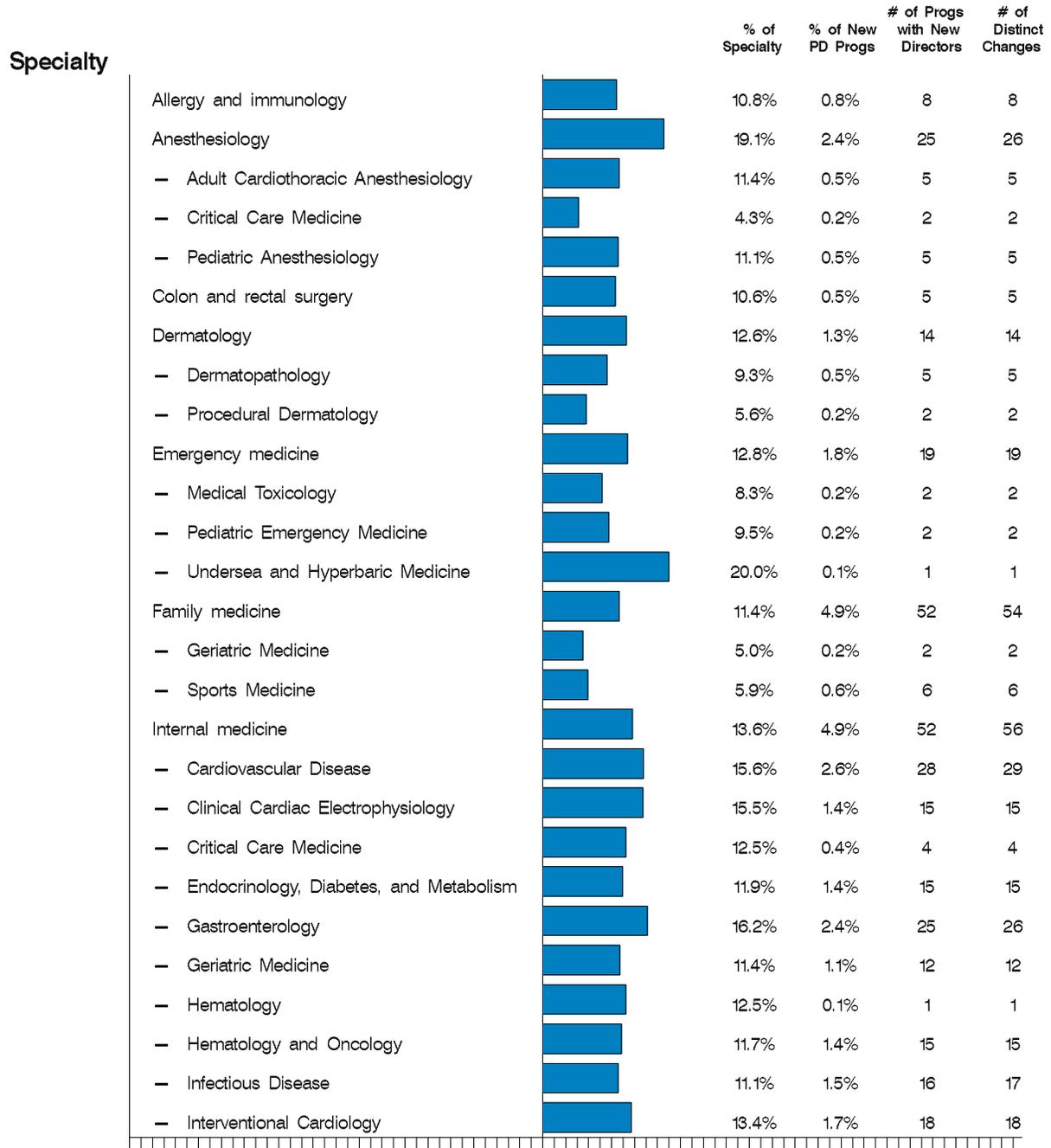
Total # of PD Changes for Subs = 551



Note: A distinction is made between the number of programs with at least one change and the number of distinct changes (i.e. a program may register more than one change).

## Number and Percentage of Programs with at Least One Program Director Change, by Specialty

Total Programs with at least One PD Change = 1,063  
Total Distinct Changes = 1,095



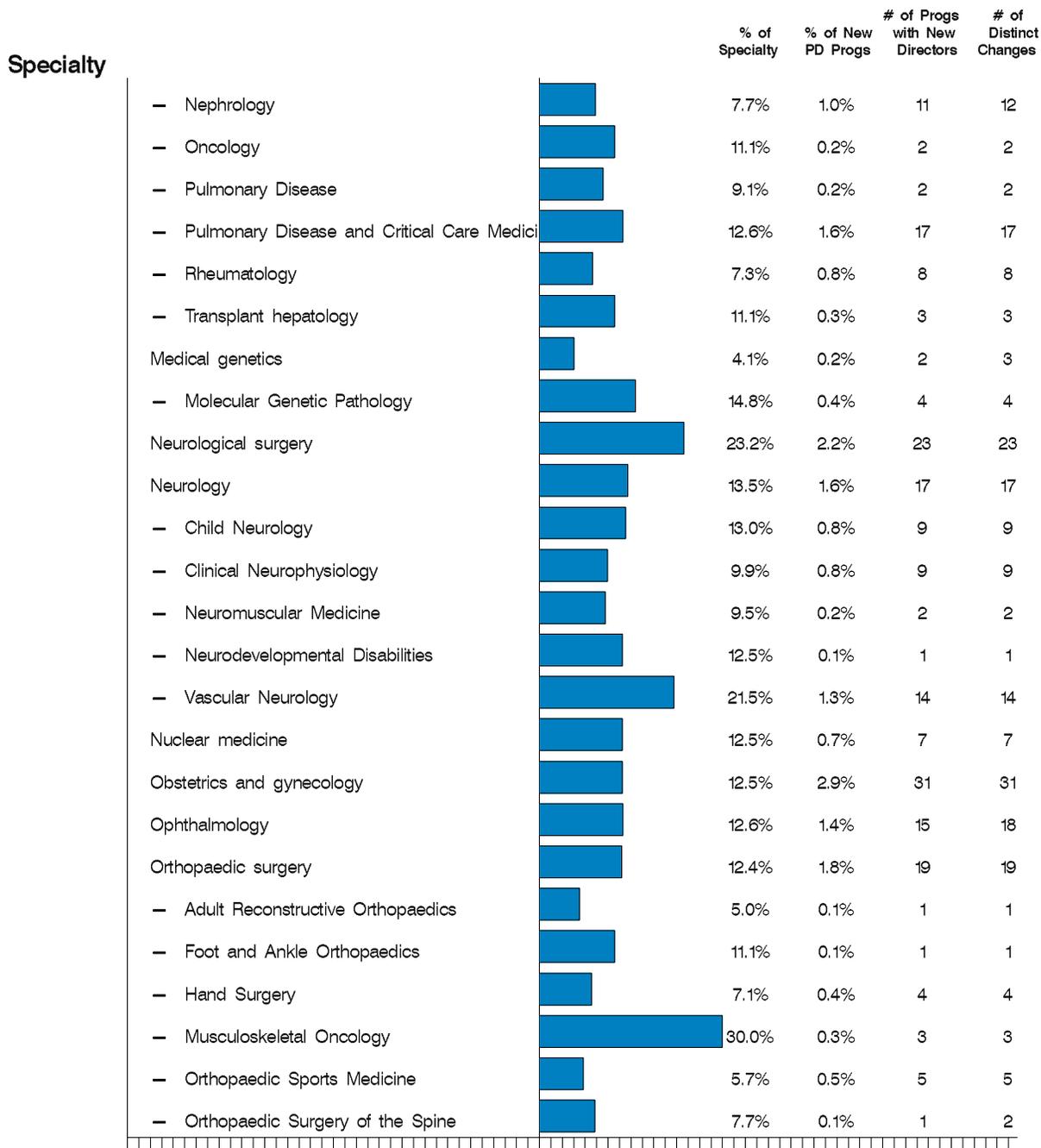
Note: The percentage of programs with at least one director change to the number of programs per specialty is graphed. The percentage of programs with at least one change per specialty to the total number of all programs with changes is also provided. The raw number of programs with changes and the number of distinct changes is also provided.

## Number and Percentage of Programs with at Least One Program Director Change, by Specialty

Total Programs with at least One PD Change = 1,063

Total Distinct Changes = 1,095

...continued



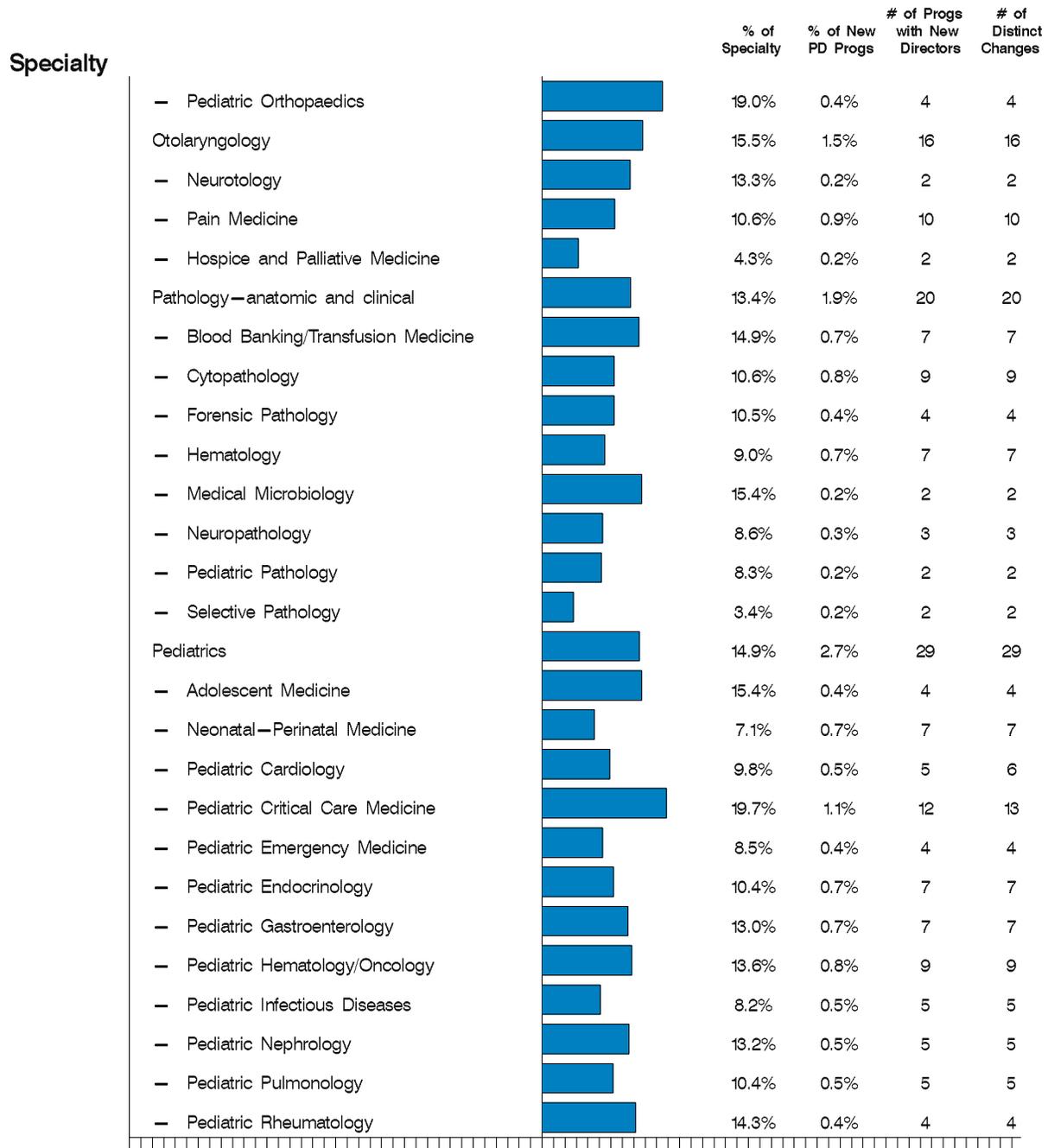
Note: The percentage of programs with at least one director change to the number of programs per specialty is graphed. The percentage of programs with at least one change per specialty to the total number of all programs with changes is also provided. The raw number of programs with changes and the number of distinct changes is also provided.

## Number and Percentage of Programs with at Least One Program Director Change, by Specialty

Total Programs with at least One PD Change = 1,063

Total Distinct Changes = 1,095

...continued



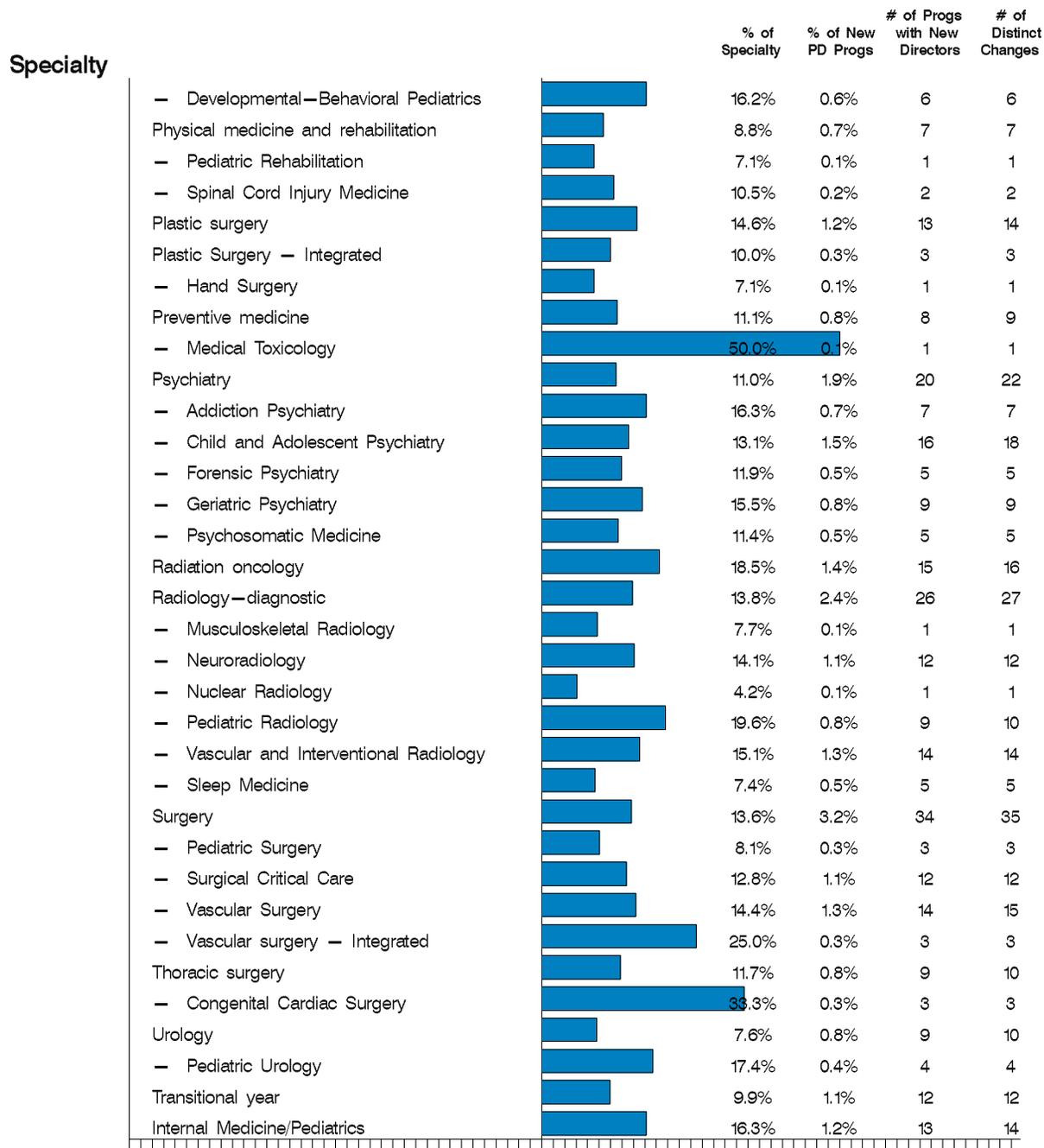
Note: The percentage of programs with at least one director change to the number of programs per specialty is graphed. The percentage of programs with at least one change per specialty to the total number of all programs with changes is also provided. The raw number of programs with changes and the number of distinct changes is also provided.

## Number and Percentage of Programs with at Least One Program Director Change, by Specialty

Total Programs with at least One PD Change = 1,063

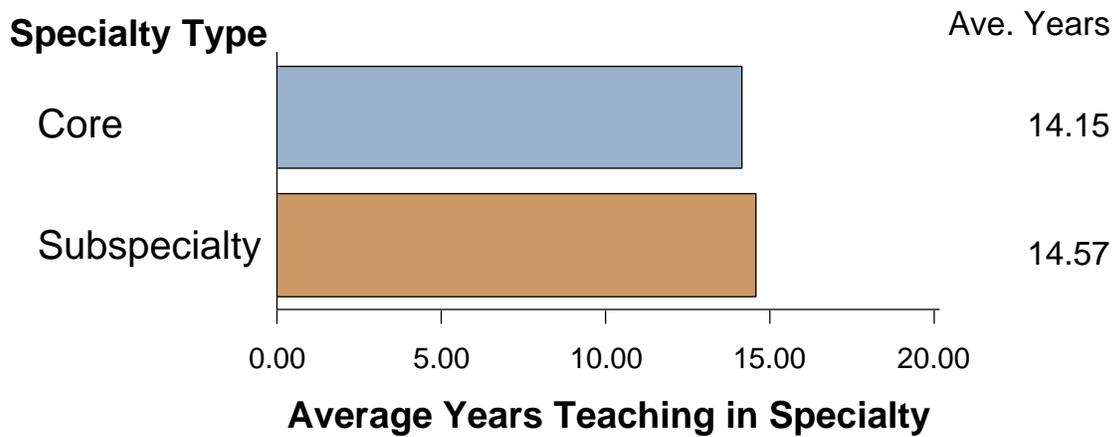
Total Distinct Changes = 1,095

...continued

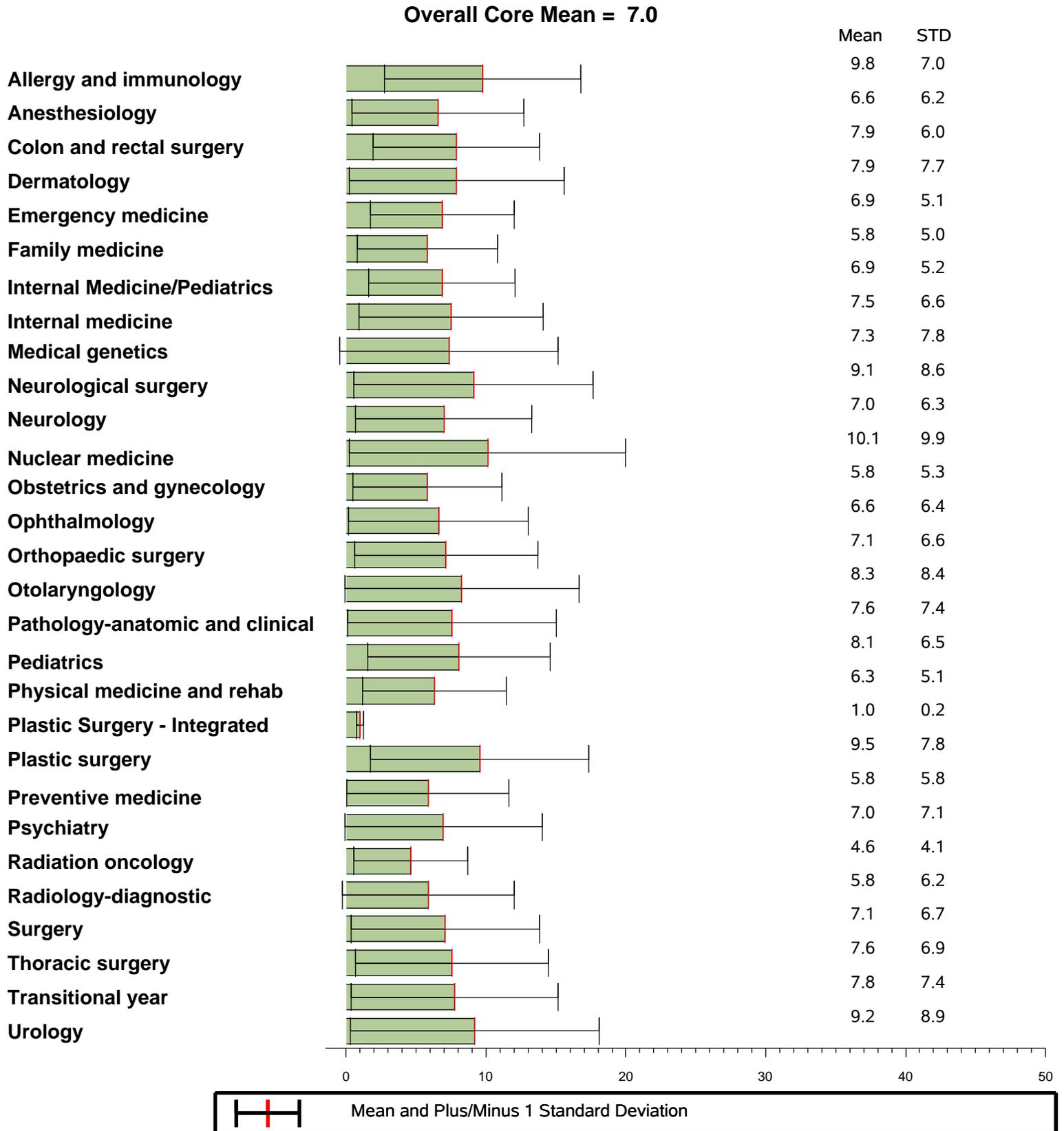


Note: The percentage of programs with at least one director change to the number of programs per specialty is graphed. The percentage of programs with at least one change per specialty to the total number of all programs with changes is also provided. The raw number of programs with changes and the number of distinct changes is also provided.

## Experience of New Program Directors (Years Teaching in Specialty), by Specialty Type

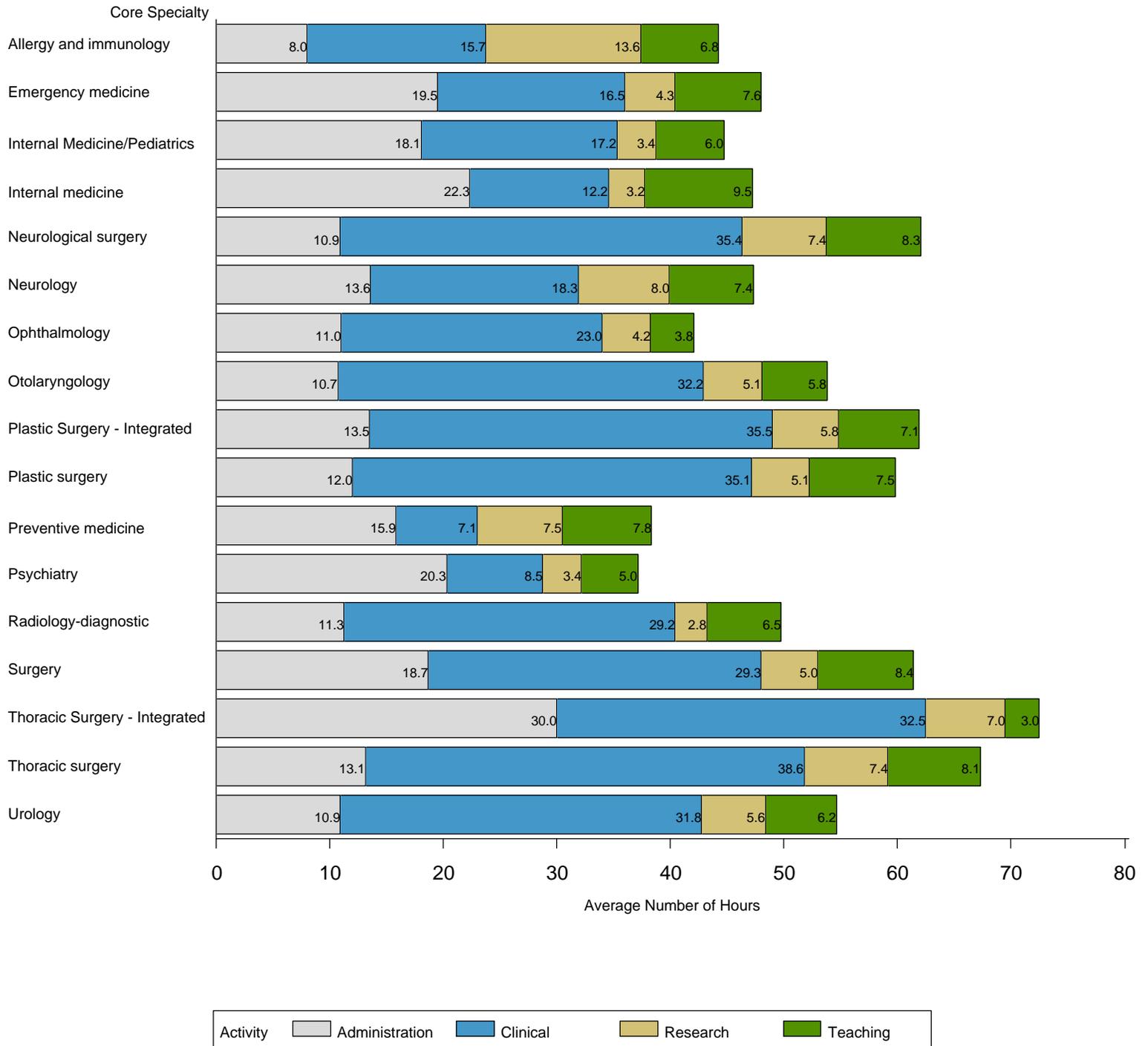


## Average Length in Years Between Program Director Appointment Dates, by Core Specialty



Notes: Based upon Program Director Turnovers Since 2001

## Number of Hours per Week Spent by Program Directors in Key Areas, by Core Specialty

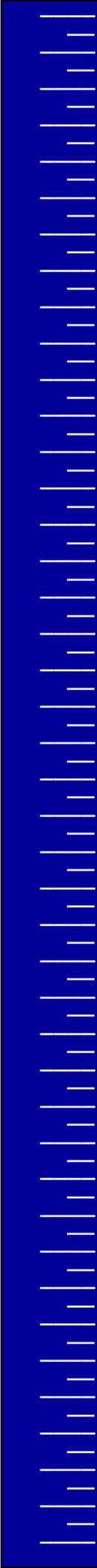


Note: Not all core specialties report time spent in these activities.



# Residents

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## Section Definitions

Fellow: A physician in a program of graduate medical education accredited by the ACGME who has completed the requirements for eligibility for first board certification in the specialty. Such physicians are also termed subspecialty residents. Note that references to “residents” in this data book may include fellows by default for convenience.

International Medical Graduate (IMG): A graduate from a medical school outside the United States and Canada (and not accredited by the Liaison Committee on Medical Education (LCME)). IMGs may be citizens of the United States who chose to be educated elsewhere or non-citizens who were admitted to the United States by US Immigration authorities. All IMGs should undertake residency education in the United States before they can obtain a license to practice medicine in the United States even if they were fully educated, licensed, and practicing in another country.

Graduate Year 1 (GY1) Positions: Refers to postgraduate year 1 positions available immediately following medical school.

Program Year: Refers to the current year of education within a specific program; this designation may or may not correspond to the resident’s graduate year level.

## Chapter Highlights

The total number of residents and fellows on duty in **8,734** accredited programs was **109,482**, or 1,631 more (+1.51%) than the previous year.

### Medical School Training

- The majority of all residents graduated from U.S. medical schools (65%). The percentage of international medical school graduates on duty in accredited programs was 27%, the same as the previous year.
- Nuclear medicine was the core program with the highest percentage (64%) of international medical school graduates followed by medical genetics (46%). Orthopaedic surgery had the lowest percentage (3%).
- Seven percent (7%) of all residents in ACGME accredited programs are osteopathic physicians (i.e. graduate of an osteopathic medical school).
- A total of 26,036 residents were in the pipeline (entry level), graduate year one positions (available immediately upon medical school graduation).

### Demographics

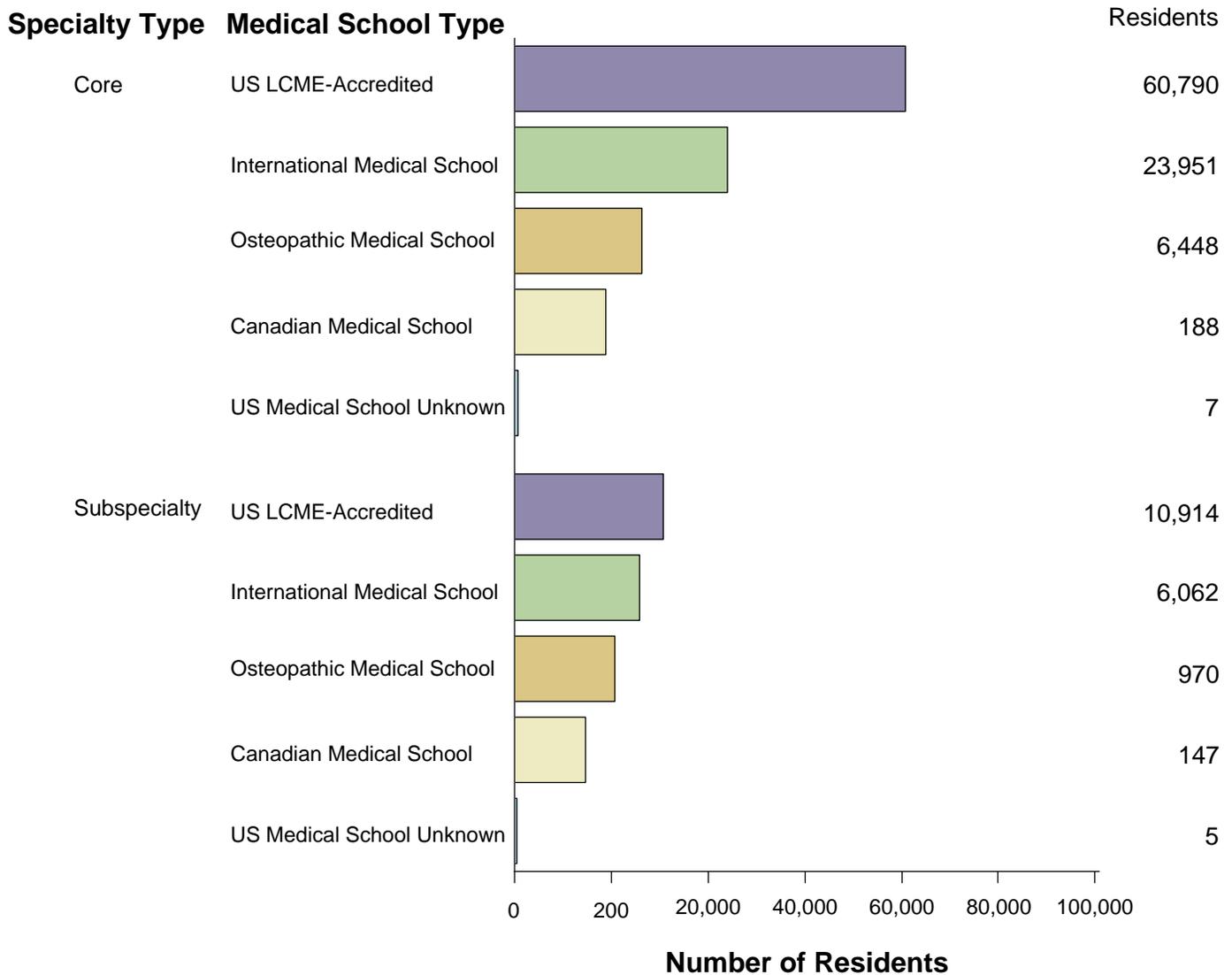
- The core programs with the largest percentage of women residents were obstetrics and gynecology (74%), pediatrics (63%), and dermatology (62%).
- Comparatively few women were in the specialties of neurological surgery (12%), orthopaedic surgery (12%), and thoracic surgery (15%).
- The number of women in graduate medical education totaled 45,199. The percentage of female residents to all residents remained steady (41% of all residents in both this academic year and last).
- Geographically, New York, Pennsylvania, Connecticut, Rhode Island and Massachusetts lead the nation (not including D.C.) in the number of residents per 100,000 in the population. Parts of the upper Great Plains and Mountain States have the fewest residents (i.e. ID, MT, and WY).

### Residency

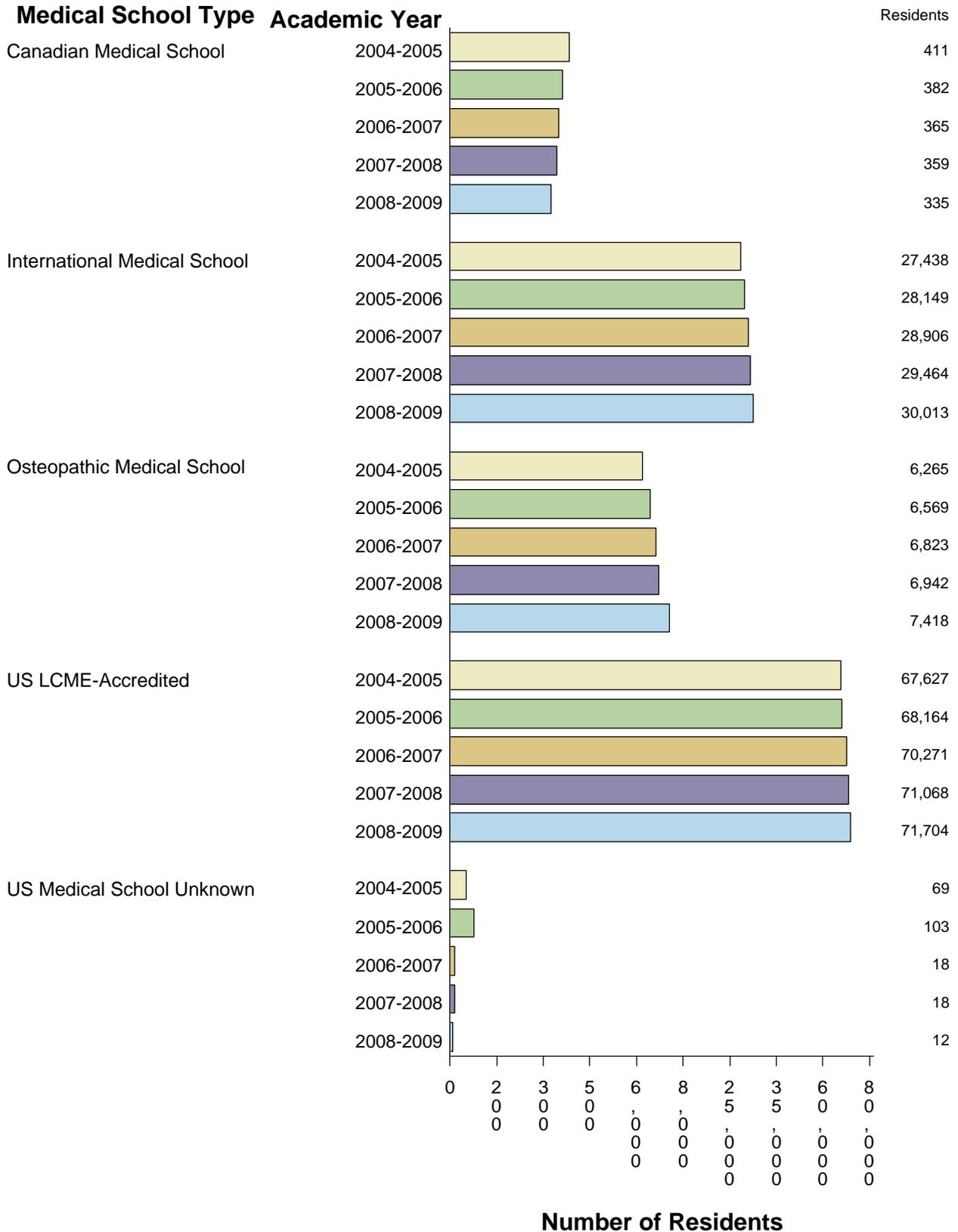
- While over half of all programs are subspecialties (4,714) only 17% of residents are in subspecialty training.
- Internal medicine was the core program with the largest proportion of residents on duty (24.6%), with an average program size of 58.8 residents.
- More than half of all core specialty residents are in internal medicine (24.6%), family medicine (10.6%), pediatrics (8.9%), and surgery (8.0%).
- A total of 222 residents were on duty in part-time positions.
- A total of 38,090 residents completed a residency program.
- The number of residents who transferred to another program (1,532) decreased from last year (1,635). The number of residents who were dismissed from a program (279) decreased from last year (294). The number of residents who withdrew from a program (1,065) increased slightly from last year (1,043).

## Number of Residents in Core and Subspecialty Programs, by Medical School Type

Total Number of Residents=109,482



## Number of Residents in Medical Schools, by Academic Year



## Number of Residents, by Medical School Type and Specialty

Specialty	Medical School Type										Number of Residents
	Canadian Medical School		International Medical School		Osteopathic Medical School		US LCME-Accredited Medical School		US Medical School Unknown		
	#	%	#	%	#	%	#	%	#	%	
<b>OVERALL</b>	<b>335</b>	<b>0%</b>	<b>30,013</b>	<b>27%</b>	<b>7,418</b>	<b>7%</b>	<b>71,704</b>	<b>65%</b>	<b>12</b>	<b>0%</b>	<b>109,482</b>
Allergy and immunology	1	0%	39	13%	11	4%	241	83%	0	0%	292
Anesthesiology	11	0%	711	13%	487	9%	4,190	78%	0	0%	5,399
- Adult Cardiothoracic Anesthesiology	1	1%	21	19%	7	6%	80	73%	0	0%	109
- Critical Care Medicine	1	1%	22	28%	6	8%	51	64%	0	0%	80
- Pediatric Anesthesiology	2	1%	20	15%	13	10%	101	74%	0	0%	136
Colon and rectal surgery	2	3%	14	18%	3	4%	58	75%	0	0%	77
Dermatology	1	0%	47	4%	17	2%	1,058	94%	0	0%	1,123
- Dermatopathology	1	1%	11	14%	2	3%	66	83%	0	0%	80
- Procedural Dermatology	1	3%	2	6%	0	0%	31	91%	0	0%	34
Emergency medicine	7	0%	296	6%	503	11%	3,957	83%	0	0%	4,763
- Medical Toxicology	1	2%	5	10%	4	8%	38	79%	0	0%	48
- Pediatric Emergency Medicine	2	3%	10	17%	4	7%	43	73%	0	0%	59
- Sports Medicine	0	0%	3	43%	2	29%	2	29%	0	0%	7
- Undersea and Hyperbaric Medicine	0	0%	0	0%	0	0%	4	100%	0	0%	4
Family medicine	11	0%	3,899	40%	1,432	15%	4,309	45%	0	0%	9,651
- Geriatric Medicine	0	0%	36	57%	5	8%	22	35%	0	0%	63
- Sports Medicine	0	0%	25	16%	21	13%	111	71%	0	0%	157
Internal medicine	35	0%	10,084	45%	1,319	6%	11,036	49%	3	0%	22,477
- Cardiovascular Disease	8	0%	777	32%	95	4%	1,535	64%	0	0%	2,415
- Clinical Cardiac Electrophysiology	2	1%	55	32%	5	3%	108	64%	0	0%	170
- Critical Care Medicine	1	1%	98	64%	13	8%	42	27%	0	0%	154
- Endocrinology, Diabetes, and Metabolism	0	0%	194	36%	33	6%	307	57%	0	0%	534
- Gastroenterology	7	1%	369	28%	67	5%	876	66%	0	0%	1,319
- Geriatric Medicine	2	1%	197	69%	15	5%	70	25%	0	0%	284
- Hematology	0	0%	19	50%	3	8%	16	42%	0	0%	38
- Hematology and Oncology	10	1%	540	39%	45	3%	796	57%	1	0%	1,392
- Infectious Disease	3	0%	300	42%	30	4%	374	53%	0	0%	707
- Interventional Cardiology	5	2%	120	41%	7	2%	159	55%	0	0%	291
- Nephrology	11	1%	452	53%	51	6%	336	40%	0	0%	850
- Oncology	0	0%	57	54%	7	7%	42	40%	0	0%	106
- Pulmonary Disease	1	1%	67	85%	2	3%	9	11%	0	0%	79
- Pulmonary Disease and Critical Care Medicine	5	0%	550	43%	90	7%	640	50%	0	0%	1,285
- Rheumatology	2	1%	151	38%	25	6%	219	55%	0	0%	397
- Transplant hepatology	2	11%	5	26%	0	0%	12	63%	0	0%	19
Medical genetics	2	3%	36	46%	0	0%	41	52%	0	0%	79
- Molecular Genetic Pathology	0	0%	8	30%	1	4%	18	67%	0	0%	27
- Medical biochemical genetics	0	0%	1	25%	0	0%	3	75%	0	0%	4
Neurological surgery	3	0%	94	11%	4	0%	755	88%	1	0%	857
- Endovascular surgical neuroradiology	0	0%	1	50%	0	0%	1	50%	0	0%	2
Neurology	8	0%	653	36%	114	6%	1,020	57%	0	0%	1,795
- Child Neurology	1	0%	83	29%	17	6%	182	64%	0	0%	283
- Clinical Neurophysiology	3	2%	73	37%	14	7%	108	55%	0	0%	198
- Endovascular surgical neuroradiology	0	0%	2	100%	0	0%	0	0%	0	0%	2
- Neuromuscular Medicine	2	6%	14	45%	3	10%	12	39%	0	0%	31

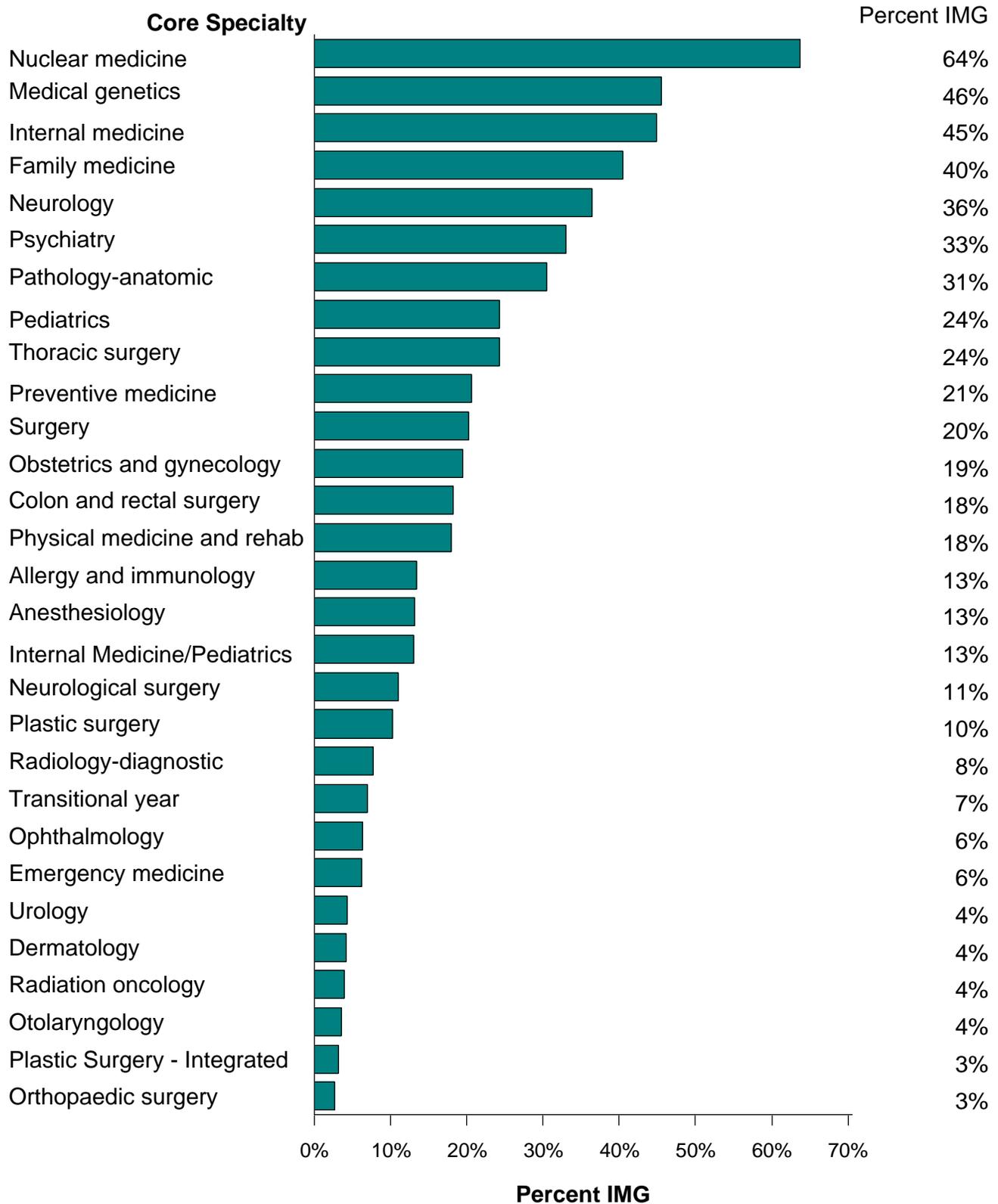
## Number of Residents, by Medical School Type and Specialty

...continued											
Specialty	Medical School Type										Number of Residents
	Canadian Medical School		International Medical School		Osteopathic Medical School		US LCME-Accredited Medical School		US Medical School Unknown		
	#	%	#	%	#	%	#	%	#	%	
- Neurodevelopmental Disabilities	0	0%	0	0%	0	0%	13	100%	0	0%	13
- Vascular Neurology	0	0%	24	48%	2	4%	24	48%	0	0%	50
Nuclear medicine	1	1%	95	64%	3	2%	50	34%	0	0%	149
Obstetrics and gynecology	9	0%	933	19%	402	8%	3,461	72%	0	0%	4,805
Ophthalmology	4	0%	87	6%	19	1%	1,263	92%	0	0%	1,373
Orthopaedic surgery	0	0%	89	3%	32	1%	3,207	96%	0	0%	3,328
- Adult Reconstructive Orthopaedics	4	11%	12	33%	2	6%	18	50%	0	0%	36
- Foot and Ankle Orthopaedics	0	0%	3	15%	0	0%	17	85%	0	0%	20
- Hand Surgery	3	3%	9	8%	9	8%	97	82%	0	0%	118
- Musculoskeletal Oncology	0	0%	4	27%	0	0%	11	73%	0	0%	15
- Orthopaedic Sports Medicine	2	1%	6	3%	15	7%	178	89%	0	0%	201
- Orthopaedic Surgery of the Spine	0	0%	9	28%	0	0%	23	72%	0	0%	32
- Orthopaedic Trauma	0	0%	2	14%	1	7%	11	79%	0	0%	14
- Pediatric Orthopaedics	2	7%	6	21%	1	3%	20	69%	0	0%	29
Otolaryngology	2	0%	50	4%	7	0%	1,348	96%	0	0%	1,407
- Neurotology	0	0%	1	5%	0	0%	21	95%	0	0%	22
- Pediatric Otolaryngology	4	33%	0	0%	1	8%	7	58%	0	0%	12
- Pain Medicine	0	0%	52	18%	45	16%	189	66%	0	0%	286
- Hospice and Palliative Medicine	0	0%	18	23%	7	9%	53	68%	0	0%	78
Pathology-anatomic and clinical	3	0%	717	31%	130	6%	1,498	64%	1	0%	2,349
- Blood Banking/Transfusion Medicine	0	0%	10	22%	4	9%	32	70%	0	0%	46
- Chemical Pathology	0	0%	1	50%	0	0%	1	50%	0	0%	2
- Cytopathology	1	1%	64	47%	4	3%	67	49%	0	0%	136
- Forensic Pathology	0	0%	7	19%	7	19%	22	61%	0	0%	36
- Hematology	1	1%	37	32%	3	3%	73	63%	2	2%	116
- Medical Microbiology	0	0%	5	45%	1	9%	5	45%	0	0%	11
- Neuropathology	0	0%	22	50%	0	0%	22	50%	0	0%	44
- Pediatric Pathology	1	4%	9	36%	0	0%	15	60%	0	0%	25
- Selective Pathology	5	4%	52	40%	4	3%	69	53%	0	0%	130
Pediatrics	25	0%	1,978	24%	667	8%	5,488	67%	1	0%	8,159
- Adolescent Medicine	0	0%	14	21%	4	6%	48	73%	0	0%	66
- Neonatal-Perinatal Medicine	0	0%	232	38%	33	5%	342	56%	0	0%	607
- Pediatric Cardiology	3	1%	73	22%	7	2%	243	75%	0	0%	326
- Pediatric Critical Care Medicine	3	1%	84	24%	20	6%	243	69%	0	0%	350
- Pediatric Emergency Medicine	5	2%	37	14%	16	6%	210	78%	0	0%	268
- Pediatric Endocrinology	2	1%	77	33%	13	6%	137	60%	1	0%	230
- Pediatric Gastroenterology	1	0%	57	26%	18	8%	146	66%	0	0%	222
- Pediatric Hematology/Oncology	3	1%	101	27%	13	3%	261	69%	0	0%	378
- Pediatric Infectious Diseases	3	2%	54	32%	1	1%	112	66%	0	0%	170
- Pediatric Nephrology	1	1%	40	39%	4	4%	58	56%	0	0%	103
- Pediatric Pulmonology	2	1%	52	38%	10	7%	73	53%	0	0%	137
- Pediatric Rheumatology	1	1%	18	25%	4	6%	48	68%	0	0%	71
- Pediatric Sports Medicine	0	0%	3	23%	3	23%	7	54%	0	0%	13
- Developmental-Behavioral Pediatrics	0	0%	9	13%	7	10%	54	77%	0	0%	70
- Pediatric transplant hepatology	0	0%	1	50%	0	0%	1	50%	0	0%	2

## Number of Residents, by Medical School Type and Specialty

...continued											
Specialty	Medical School Type										Number of Residents
	Canadian Medical School		International Medical School		Osteopathic Medical School		US LCME-Accredited Medical School		US Medical School Unknown		
	#	%	#	%	#	%	#	%	#	%	
Physical medicine and rehabilitation	2	0%	218	18%	298	25%	696	57%	0	0%	1,214
- Pediatric Rehabilitation	0	0%	1	8%	0	0%	12	92%	0	0%	13
- Spinal Cord Injury Medicine	0	0%	1	8%	3	25%	8	67%	0	0%	12
Plastic surgery	1	0%	36	10%	3	1%	313	89%	0	0%	353
Plastic Surgery - Integrated	2	1%	10	3%	0	0%	300	96%	0	0%	312
- Craniofacial Surgery	0	0%	1	33%	0	0%	2	67%	0	0%	3
- Hand Surgery	3	17%	3	17%	0	0%	12	67%	0	0%	18
Preventive medicine	3	1%	65	21%	29	9%	219	69%	0	0%	316
- Medical Toxicology	0	0%	2	29%	0	0%	5	71%	0	0%	7
- Undersea and Hyperbaric Medicine	1	50%	1	50%	0	0%	0	0%	0	0%	2
Psychiatry	18	0%	1,584	33%	393	8%	2,804	58%	1	0%	4,800
- Addiction Psychiatry	2	4%	18	37%	1	2%	27	55%	1	2%	49
- Child and Adolescent Psychiatry	2	0%	212	27%	62	8%	505	65%	0	0%	781
- Forensic Psychiatry	1	1%	13	19%	5	7%	50	72%	0	0%	69
- Geriatric Psychiatry	1	2%	30	48%	2	3%	30	48%	0	0%	63
- Psychosomatic Medicine	1	2%	21	40%	2	4%	28	54%	0	0%	52
Radiation oncology	1	0%	23	4%	7	1%	564	95%	0	0%	595
Radiology-diagnostic	14	0%	344	8%	173	4%	3,959	88%	0	0%	4,490
- Abdominal Radiology	3	7%	15	34%	1	2%	25	57%	0	0%	44
- Cardiothoracic Radiology	0	0%	2	67%	0	0%	1	33%	0	0%	3
- Endovascular surgical neuroradiology	1	20%	2	40%	0	0%	2	40%	0	0%	5
- Musculoskeletal Radiology	0	0%	2	8%	1	4%	23	88%	0	0%	26
- Neuroradiology	3	1%	42	18%	9	4%	177	77%	0	0%	231
- Nuclear Radiology	0	0%	2	25%	0	0%	6	75%	0	0%	8
- Pediatric Radiology	0	0%	17	29%	3	5%	38	66%	0	0%	58
- Vascular and Interventional Radiology	0	0%	39	24%	6	4%	119	73%	0	0%	164
- Sleep Medicine	2	2%	53	41%	7	5%	68	52%	0	0%	130
Surgery	17	0%	1,484	20%	210	3%	5,629	77%	0	0%	7,340
- Hand Surgery	0	0%	2	33%	0	0%	4	67%	0	0%	6
- Pediatric Surgery	1	1%	4	6%	0	0%	65	93%	0	0%	70
- Surgical Critical Care	3	2%	24	16%	10	6%	117	76%	0	0%	154
- Vascular Surgery	1	0%	57	24%	12	5%	168	71%	0	0%	238
- Vascular surgery - Integrated	0	0%	3	18%	0	0%	14	82%	0	0%	17
Thoracic surgery	3	1%	54	24%	2	1%	164	74%	0	0%	223
- Congenital Cardiac Surgery	0	0%	2	40%	0	0%	3	60%	0	0%	5
Thoracic Surgery - Integrated	0	0%	0	0%	0	0%	5	100%	0	0%	5
Urology	0	0%	45	4%	15	1%	975	94%	0	0%	1,035
- Pediatric Urology	1	5%	0	0%	0	0%	20	95%	0	0%	21
Transitional year	1	0%	86	7%	71	6%	1,075	87%	0	0%	1,233
Internal Medicine/Pediatrics	1	0%	180	13%	97	7%	1,107	80%	0	0%	1,385

## Core Specialties with Largest Percentages of International Medical Graduate (IMG) Residents



**Number of Osteopathic Residents, by State**

State Name	State Abbreviation	Number of All Programs	Number of Programs with Osteopathic Residents	Percent of Programs with Osteopathic Residents	Number of All Residents	Number of Osteopathic Residents	Percent of Residents who are Osteopaths
OVERALL	--	8,734	2,436	28%	109,482	7,418	7%
Alabama	AL	110	20	18%	1,201	38	3%
Alaska	AK	1	1	100%	35	7	20%
Arizona	AZ	110	38	35%	1,296	169	13%
Arkansas	AR	63	17	27%	703	35	5%
California	CA	753	188	25%	9,658	571	6%
Colorado	CO	94	26	28%	1,135	84	7%
Connecticut	CT	159	42	26%	2,010	100	5%
Delaware	DE	27	18	67%	306	64	21%
District of Columbia	DC	159	37	23%	1,831	77	4%
Florida	FL	293	79	27%	3,331	214	6%
Georgia	GA	164	41	25%	2,044	111	5%
Hawaii	HI	30	13	43%	415	59	14%
Idaho	ID	4	3	75%	50	9	18%
Illinois	IL	411	133	32%	5,728	440	8%
Indiana	IN	100	25	25%	1,278	77	6%
Iowa	IA	80	28	35%	816	117	14%
Kansas	KS	58	21	36%	694	70	10%
Kentucky	KY	99	31	31%	1,119	67	6%
Louisiana	LA	143	21	15%	1,666	41	2%
Maine	ME	21	17	81%	295	75	25%
Maryland	MD	214	59	28%	2,632	152	6%
Massachusetts	MA	387	76	20%	5,195	185	4%
Michigan	MI	347	89	26%	4,574	307	7%
Minnesota	MN	174	45	26%	2,144	102	5%
Mississippi	MS	43	17	40%	495	50	10%
Missouri	MO	212	62	29%	2,514	222	9%
Montana	MT	2	.	.	20	.	.
Nebraska	NE	55	16	29%	641	53	8%
Nevada	NV	18	8	44%	242	31	13%
New Hampshire	NH	45	9	20%	368	23	6%
New Jersey	NJ	196	88	45%	2,731	245	9%
New Mexico	NM	53	9	17%	534	20	4%
New York	NY	1,105	272	25%	15,821	837	5%
North Carolina	NC	247	52	21%	2,817	112	4%
North Dakota	ND	7	3	43%	107	3	3%
Ohio	OH	447	147	33%	5,293	472	9%
Oklahoma	OK	65	25	38%	735	73	10%
Oregon	OR	74	19	26%	805	47	6%
Pennsylvania	PA	569	196	34%	7,236	765	11%
Puerto Rico	PR	67	.	.	801	.	.
Rhode Island	RI	59	10	17%	725	17	2%
South Carolina	SC	95	34	36%	1,115	62	6%
South Dakota	SD	7	6	86%	97	23	24%
Tennessee	TN	180	35	19%	2,089	83	4%
Texas	TX	544	176	32%	6,993	550	8%
Utah	UT	66	14	21%	687	40	6%
Vermont	VT	35	7	20%	259	7	3%
Virginia	VA	187	54	29%	2,229	186	8%
Washington	WA	131	38	29%	1,652	131	8%
West Virginia	WV	59	23	39%	620	78	13%
Wisconsin	WI	163	46	28%	1,660	107	6%
Wyoming	WY	2	2	100%	40	10	25%

## Number of Osteopathic Residents, by Specialty

Specialty	Num of Res	Num of Osteo	Perc of Res who are Osteo	Num of Res in Year 1	Num of Osteo in Year 1	Perc of Year 1 Res who are Osteo	Num of Res in GY1	Num of Osteo in GY1	Perc of GY1 Res who are Osteo
<b>OVERALL</b>	109,482	<b>7,418</b>	7%	40,346	2,875	7%	25,916	2,068	8%
Allergy and immunology	292	11	4%	149	4	3%	.	.	.
Anesthesiology	5,399	<b>487</b>	9%	1,266	106	8%	670	46	7%
- Adult Cardiothoracic Anesthesiology	109	7	6%	109	7	6%	.	.	.
- Critical Care Medicine	80	6	8%	80	6	8%	.	.	.
- Pediatric Anesthesiology	136	13	10%	136	13	10%	.	.	.
Colon and rectal surgery	77	3	4%	77	3	4%	.	.	.
Dermatology	1,123	17	2%	369	5	1%	2	.	.
- Dermatopathology	80	2	3%	79	2	3%	.	.	.
- Procedural Dermatology	34	.	.	34	.	.	.	.	.
Emergency medicine	4,763	<b>503</b>	11%	1,568	177	11%	1,486	169	11%
- Medical Toxicology	48	4	8%	22	1	5%	.	.	.
- Pediatric Emergency Medicine	59	4	7%	19	1	5%	.	.	.
- Sports Medicine	7	2	29%	7	2	29%	.	.	.
- Undersea and Hyperbaric Medicine	4	.	.	4	.	.	.	.	.
Family medicine	9,651	<b>1,432</b>	15%	3,300	515	16%	3,300	515	16%
- Geriatric Medicine	63	5	8%	63	5	8%	.	.	.
- Sports Medicine	157	21	13%	157	21	13%	.	.	.
Internal medicine	22,477	<b>1,319</b>	6%	8,993	538	6%	8,993	538	6%
- Cardiovascular Disease	2,415	95	4%	820	31	4%	.	.	.
- Clinical Cardiac Electrophysiology	170	5	3%	170	5	3%	.	.	.
- Critical Care Medicine	154	13	8%	104	8	8%	.	.	.
- Endocrinology, Diabetes, and Metabolism	534	33	6%	266	19	7%	.	.	.
- Gastroenterology	1,319	67	5%	450	18	4%	.	.	.
- Geriatric Medicine	284	15	5%	284	15	5%	.	.	.
- Hematology	38	3	8%	18	1	6%	.	.	.
- Hematology and Oncology	1,392	45	3%	477	15	3%	.	.	.
- Infectious Disease	707	30	4%	365	12	3%	.	.	.
- Interventional Cardiology	291	7	2%	291	7	2%	.	.	.
- Nephrology	850	51	6%	426	18	4%	.	.	.
- Oncology	106	7	7%	53	3	6%	.	.	.
- Pulmonary Disease	79	2	3%	37	2	5%	.	.	.
- Pulmonary Disease and Critical Care Medicine	1,285	90	7%	436	33	8%	.	.	.
- Rheumatology	397	25	6%	196	13	7%	.	.	.
- Transplant hepatology	19	.	.	19	.	.	.	.	.
Medical genetics	79	.	.	39	.	.	7	.	.
- Molecular Genetic Pathology	27	1	4%	27	1	4%	.	.	.
- Medical biochemical genetics	4	.	.	4	.	.	.	.	.
Neurological surgery	857	4	0%	185	3	2%	.	.	.
- Endovascular surgical neuroradiology	2	.	.	2	.	.	.	.	.
Neurology	1,795	<b>114</b>	6%	551	45	8%	158	10	6%
- Child Neurology	283	17	6%	100	9	9%	.	.	.
- Clinical Neurophysiology	198	14	7%	198	14	7%	.	.	.
- Endovascular surgical neuroradiology	2	.	.	2	.	.	.	.	.

## Number of Osteopathic Residents, by Specialty

...continued									
Specialty	Num of Res	Num of Osteo	Perc of Res who are Osteo	Num of Res in Year 1	Num of Osteo in Year 1	Perc of Year 1 Res who are Osteo	Num of Res in GY1	Num of Osteo in GY1	Perc of GY1 Res who are Osteo
- Neuromuscular Medicine	31	3	10%	31	3	10%	.	.	.
- Neurodevelopmental Disabilities	13	.	.	3	.	.	.	.	.
- Vascular Neurology	50	2	4%	50	2	4%	.	.	.
Nuclear medicine	149	3	2%	82	1	1%	.	.	.
Obstetrics and gynecology	4,805	402	8%	1,238	137	11%	1,238	137	11%
Ophthalmology	1,373	19	1%	471	4	1%	.	.	.
Orthopaedic surgery	3,328	32	1%	684	5	1%	684	5	1%
- Adult Reconstructive Orthopaedics	36	2	6%	36	2	6%	.	.	.
- Foot and Ankle Orthopaedics	20	.	.	20	.	.	.	.	.
- Hand Surgery	118	9	8%	118	9	8%	.	.	.
- Musculoskeletal Oncology	15	.	.	15	.	.	.	.	.
- Orthopaedic Sports Medicine	201	15	7%	201	15	7%	.	.	.
- Orthopaedic Surgery of the Spine	32	.	.	32	.	.	.	.	.
- Orthopaedic Trauma	14	1	7%	14	1	7%	.	.	.
- Pediatric Orthopaedics	29	1	3%	29	1	3%	.	.	.
Otolaryngology	1,407	7	0%	288	2	1%	288	2	1%
- Neurotology	22	.	.	13	.	.	.	.	.
- Pediatric Otolaryngology	12	1	8%	12	1	8%	.	.	.
- Pain Medicine	286	45	16%	286	45	16%	.	.	.
- Hospice and Palliative Medicine	78	7	9%	78	7	9%	.	.	.
Pathology-anatomic and clinical	2,349	130	6%	652	40	6%	652	40	6%
- Blood Banking/Transfusion Medicine	46	4	9%	46	4	9%	.	.	.
- Chemical Pathology	2	.	.	2	.	.	.	.	.
- Cytopathology	136	4	3%	136	4	3%	.	.	.
- Forensic Pathology	36	7	19%	36	7	19%	.	.	.
- Hematology	116	3	3%	116	3	3%	.	.	.
- Medical Microbiology	11	1	9%	11	1	9%	.	.	.
- Neuropathology	44	.	.	23	.	.	.	.	.
- Pediatric Pathology	25	.	.	25	.	.	.	.	.
- Selective Pathology	130	4	3%	130	4	3%	.	.	.
Pediatrics	8,159	667	8%	2,795	287	10%	2,795	287	10%
- Adolescent Medicine	66	4	6%	28	1	4%	.	.	.
- Neonatal-Perinatal Medicine	607	33	5%	225	8	4%	.	.	.
- Pediatric Cardiology	326	7	2%	118	2	2%	.	.	.
- Pediatric Critical Care Medicine	350	20	6%	118	5	4%	.	.	.
- Pediatric Emergency Medicine	268	16	6%	96	8	8%	.	.	.
- Pediatric Endocrinology	230	13	6%	81	3	4%	.	.	.
- Pediatric Gastroenterology	222	18	8%	77	9	12%	.	.	.
- Pediatric Hematology/Oncology	378	13	3%	136	4	3%	.	.	.
- Pediatric Infectious Diseases	170	1	1%	60	1	2%	.	.	.
- Pediatric Nephrology	103	4	4%	43	2	5%	.	.	.
- Pediatric Pulmonology	137	10	7%	47	4	9%	.	.	.
- Pediatric Rheumatology	71	4	6%	29	2	7%	.	.	.
- Pediatric Sports Medicine	13	3	23%	13	3	23%	.	.	.
- Developmental-Behavioral Pediatrics	70	7	10%	34	.	.	.	.	.
- Pediatric transplant hepatology	2	.	.	2	.	.	.	.	.

## Number of Osteopathic Residents, by Specialty

...continued									
Specialty	Num of Res	Num of Osteo	Perc of Res who are Osteo	Num of Res in Year 1	Num of Osteo in Year 1	Perc of Year 1 Res who are Osteo	Num of Res in GY1	Num of Osteo in GY1	Perc of GY1 Res who are Osteo
Physical medicine and rehabilitation	1,214	<b>298</b>	25%	342	86	25%	80	14	18%
- Pediatric Rehabilitation	13	.	.	10	.	.	.	.	.
- Spinal Cord Injury Medicine	12	<b>3</b>	25%	12	3	25%	.	.	.
Plastic surgery	353	<b>3</b>	1%	143	2	1%	.	.	.
Plastic Surgery - Integrated	312	.	.	63	.	.	63	.	.
- Craniofacial Surgery	3	.	.	3	.	.	.	.	.
- Hand Surgery	18	.	.	18	.	.	.	.	.
Preventive medicine	316	<b>29</b>	9%	164	17	10%	7	.	.
- Medical Toxicology	7	.	.	5	.	.	.	.	.
- Undersea and Hyperbaric Medicine	2	.	.	2	.	.	.	.	.
Psychiatry	4,800	<b>393</b>	8%	1,266	121	10%	1,266	121	10%
- Addiction Psychiatry	49	<b>1</b>	2%	48	1	2%	.	.	.
- Child and Adolescent Psychiatry	781	<b>62</b>	8%	405	33	8%	.	.	.
- Forensic Psychiatry	69	<b>5</b>	7%	69	5	7%	.	.	.
- Geriatric Psychiatry	63	<b>2</b>	3%	63	2	3%	.	.	.
- Psychosomatic Medicine	52	<b>2</b>	4%	52	2	4%	.	.	.
Radiation oncology	595	<b>7</b>	1%	163	1	1%	.	.	.
Radiology-diagnostic	4,490	<b>173</b>	4%	1,175	55	5%	.	.	.
- Abdominal Radiology	44	<b>1</b>	2%	44	1	2%	.	.	.
- Cardiothoracic Radiology	3	.	.	3	.	.	.	.	.
- Endovascular surgical neuroradiology	5	.	.	5	.	.	.	.	.
- Musculoskeletal Radiology	26	<b>1</b>	4%	26	1	4%	.	.	.
- Neuroradiology	231	<b>9</b>	4%	231	9	4%	.	.	.
- Nuclear Radiology	8	.	.	8	.	.	.	.	.
- Pediatric Radiology	58	<b>3</b>	5%	58	3	5%	.	.	.
- Vascular and Interventional Radiology	164	<b>6</b>	4%	164	6	4%	.	.	.
- Sleep Medicine	130	<b>7</b>	5%	130	7	5%	.	.	.
Surgery	7,340	<b>210</b>	3%	2,621	83	3%	2,621	83	3%
- Hand Surgery	6	.	.	6	.	.	.	.	.
- Pediatric Surgery	70	.	.	35	.	.	.	.	.
- Surgical Critical Care	154	<b>10</b>	6%	154	10	6%	.	.	.
- Vascular Surgery	238	<b>12</b>	5%	127	5	4%	.	.	.
- Vascular surgery - Integrated	17	.	.	10	.	.	10	.	.
Thoracic surgery	223	<b>2</b>	1%	103	1	1%	.	.	.
- Congenital Cardiac Surgery	5	.	.	5	.	.	.	.	.
Thoracic Surgery - Integrated	5	.	.	3	.	.	3	.	.
Urology	1,035	<b>15</b>	1%	264	5	2%	.	.	.
- Pediatric Urology	21	.	.	21	.	.	.	.	.
Transitional year	1,233	<b>71</b>	6%	1,233	71	6%	1,233	71	6%
Internal Medicine/Pediatrics	1,385	<b>97</b>	7%	360	30	8%	360	30	8%

## Number of Residents, by Specialty and Resident Year

		Resident Year											
		1		2		3		4		5		6	
		Position Type		Position Type		Position Type		Position Type		Position Type		Position Type	
		Cat	Prel	Cat	Prel	Cat	Prel	Cat	Prel	Cat	Prel	Cat	Prel
Specialty	Number of Res	#	#	#	#	#	#	#	#	#	#	#	#
OVERALL	109,482	36,813	3,533	30,756	443	27,470	96	8,111	.	2,222	.	38	.
Allergy and immunology	292	149	.	143	.	.	.	.	.	.	.	.	.
Anesthesiology	5,399	1,266	.	1,613	.	1,608	.	912	.	.	.	.	.
- Adult Cardiothoracic Anesthesiology	109	109	.	.	.	.	.	.	.	.	.	.	.
- Critical Care Medicine	80	80	.	.	.	.	.	.	.	.	.	.	.
- Pediatric Anesthesiology	136	136	.	.	.	.	.	.	.	.	.	.	.
Colon and rectal surgery	77	77	.	.	.	.	.	.	.	.	.	.	.
Dermatology	1,123	369	.	368	.	373	.	13	.	.	.	.	.
- Dermatopathology	80	79	.	.	.	.	.	1	.	.	.	.	.
- Procedural Dermatology	34	34	.	.	.	.	.	.	.	.	.	.	.
Emergency medicine	4,763	1,568	.	1,474	.	1,466	.	255	.	.	.	.	.
- Medical Toxicology	48	22	.	26	.	.	.	.	.	.	.	.	.
- Pediatric Emergency Medicine	59	19	.	38	.	2	.	.	.	.	.	.	.
- Sports Medicine	7	7	.	.	.	.	.	.	.	.	.	.	.
- Undersea and Hyperbaric Medicine	4	4	.	.	.	.	.	.	.	.	.	.	.
Family medicine	9,651	3,300	.	3,208	.	3,143	.	.	.	.	.	.	.
- Geriatric Medicine	63	63	.	.	.	.	.	.	.	.	.	.	.
- Sports Medicine	157	157	.	.	.	.	.	.	.	.	.	.	.
Internal medicine	22,477	6,996	1,997	6,790	41	6,619	34	.	.	.	.	.	.
- Cardiovascular Disease	2,415	820	.	806	.	789	.	.	.	.	.	.	.
- Clinical Cardiac Electrophysiology	170	170	.	.	.	.	.	.	.	.	.	.	.
- Critical Care Medicine	154	104	.	50	.	.	.	.	.	.	.	.	.
- Endocrinology, Diabetes, and Metabolism	534	266	.	268	.	.	.	.	.	.	.	.	.
- Gastroenterology	1,319	450	.	445	.	424	.	.	.	.	.	.	.
- Geriatric Medicine	284	284	.	.	.	.	.	.	.	.	.	.	.
- Hematology	38	18	.	20	.	.	.	.	.	.	.	.	.
- Hematology and Oncology	1,392	477	.	480	.	435	.	.	.	.	.	.	.
- Infectious Disease	707	365	.	342	.	.	.	.	.	.	.	.	.
- Interventional Cardiology	291	291	.	.	.	.	.	.	.	.	.	.	.
- Nephrology	850	426	.	424	.	.	.	.	.	.	.	.	.
- Oncology	106	53	.	53	.	.	.	.	.	.	.	.	.
- Pulmonary Disease	79	37	.	42	.	.	.	.	.	.	.	.	.
- Pulmonary Disease and Critical Care	1,285	436	.	420	.	429	.	.	.	.	.	.	.
- Rheumatology	397	196	.	201	.	.	.	.	.	.	.	.	.
- Transplant hepatology	19	19	.	.	.	.	.	.	.	.	.	.	.
Medical genetics	79	39	.	39	.	.	.	1	.	.	.	.	.
- Molecular Genetic Pathology	27	27	.	.	.	.	.	.	.	.	.	.	.
- Medical biochemical genetics	4	4	.	.	.	.	.	.	.	.	.	.	.
Neurological surgery	857	185	.	162	.	161	.	143	.	206	.	.	.
- Endovascular surgical neuroradiology	2	2	.	.	.	.	.	.	.	.	.	.	.
Neurology	1,795	551	.	562	.	536	.	146	.	.	.	.	.
- Child Neurology	283	100	.	101	.	82	.	.	.	.	.	.	.
- Clinical Neurophysiology	198	198	.	.	.	.	.	.	.	.	.	.	.

## Number of Residents, by Specialty and Resident Year

...continued													
		Resident Year											
		1		2		3		4		5		6	
		Position Type		Position Type		Position Type		Position Type		Position Type		Position Type	
		Cat	Prel										
Specialty	Number of Res	#	#	#	#	#	#	#	#	#	#	#	#
- Endovascular surgical neuroradiology	2	2	.	.	.	.	.	.	.	.	.	.	.
- Neuromuscular Medicine	31	31	.	.	.	.	.	.	.	.	.	.	.
- Neurodevelopmental Disabilities	13	3	.	6	.	3	.	1	.	.	.	.	.
- Vascular Neurology	50	50	.	.	.	.	.	.	.	.	.	.	.
Nuclear medicine	149	82	.	57	.	10	.	.	.	.	.	.	.
Obstetrics and gynecology	4,805	1,218	20	1,200	3	1,179	.	1,185	.	.	.	.	.
Ophthalmology	1,373	471	.	451	.	451	.	.	.	.	.	.	.
Orthopaedic surgery	3,328	684	.	681	.	669	.	663	.	631	.	.	.
- Adult Reconstructive Orthopaedics	36	36	.	.	.	.	.	.	.	.	.	.	.
- Foot and Ankle Orthopaedics	20	20	.	.	.	.	.	.	.	.	.	.	.
- Hand Surgery	118	118	.	.	.	.	.	.	.	.	.	.	.
- Musculoskeletal Oncology	15	15	.	.	.	.	.	.	.	.	.	.	.
- Orthopaedic Sports Medicine	201	201	.	.	.	.	.	.	.	.	.	.	.
- Orthopaedic Surgery of the Spine	32	32	.	.	.	.	.	.	.	.	.	.	.
- Orthopaedic Trauma	14	14	.	.	.	.	.	.	.	.	.	.	.
- Pediatric Orthopaedics	29	29	.	.	.	.	.	.	.	.	.	.	.
Otolaryngology	1,407	288	.	290	.	277	.	277	.	275	.	.	.
- Neurotology	22	13	.	9	.	.	.	.	.	.	.	.	.
- Pediatric Otolaryngology	12	12	.	.	.	.	.	.	.	.	.	.	.
- Pain Medicine	286	286	.	.	.	.	.	.	.	.	.	.	.
- Hospice and Palliative Medicine	78	78	.	.	.	.	.	.	.	.	.	.	.
Pathology-anatomic and clinical	2,349	652	.	605	.	576	.	516	.	.	.	.	.
- Blood Banking/Transfusion Medicine	46	46	.	.	.	.	.	.	.	.	.	.	.
- Chemical Pathology	2	2	.	.	.	.	.	.	.	.	.	.	.
- Cytopathology	136	136	.	.	.	.	.	.	.	.	.	.	.
- Forensic Pathology	36	36	.	.	.	.	.	.	.	.	.	.	.
- Hematology	116	116	.	.	.	.	.	.	.	.	.	.	.
- Medical Microbiology	11	11	.	.	.	.	.	.	.	.	.	.	.
- Neuropathology	44	23	.	21	.	.	.	.	.	.	.	.	.
- Pediatric Pathology	25	25	.	.	.	.	.	.	.	.	.	.	.
- Selective Pathology	130	130	.	.	.	.	.	.	.	.	.	.	.
Pediatrics	8,159	2,767	28	2,705	26	2,632	1	.	.	.	.	.	.
- Adolescent Medicine	66	28	.	18	.	20	.	.	.	.	.	.	.
- Neonatal-Perinatal Medicine	607	225	.	208	.	174	.	.	.	.	.	.	.
- Pediatric Cardiology	326	118	.	108	.	100	.	.	.	.	.	.	.
- Pediatric Critical Care Medicine	350	118	.	117	.	115	.	.	.	.	.	.	.
- Pediatric Emergency Medicine	268	96	.	91	.	81	.	.	.	.	.	.	.
- Pediatric Endocrinology	230	81	.	79	.	70	.	.	.	.	.	.	.
- Pediatric Gastroenterology	222	77	.	78	.	67	.	.	.	.	.	.	.
- Pediatric Hematology/Oncology	378	136	.	127	.	115	.	.	.	.	.	.	.
- Pediatric Infectious Diseases	170	60	.	62	.	48	.	.	.	.	.	.	.
- Pediatric Nephrology	103	43	.	38	.	22	.	.	.	.	.	.	.
- Pediatric Pulmonology	137	47	.	51	.	39	.	.	.	.	.	.	.

**Number of Residents, by Specialty and Resident Year**

...continued													
		Resident Year											
		1		2		3		4		5		6	
		Position Type		Position Type		Position Type		Position Type		Position Type		Position Type	
		Cat	Prel	Cat	Prel	Cat	Prel	Cat	Prel	Cat	Prel	Cat	Prel
Specialty	Number of Res	#	#	#	#	#	#	#	#	#	#	#	#
- Pediatric Rheumatology	71	29	.	14	.	28	.	.	.	.	.	.	.
- Pediatric Sports Medicine	13	13	.	.	.	.	.	.	.	.	.	.	.
- Developmental-Behavioral Pediatrics	70	34	.	15	.	21	.	.	.	.	.	.	.
- Pediatric transplant hepatology	2	2	.	.	.	.	.	.	.	.	.	.	.
Physical medicine and rehabilitation	1,214	342	.	390	.	378	.	104	.	.	.	.	.
- Pediatric Rehabilitation	13	10	.	3	.	.	.	.	.	.	.	.	.
- Spinal Cord Injury Medicine	12	12	.	.	.	.	.	.	.	.	.	.	.
Plastic surgery	353	143	.	148	.	45	.	5	.	6	.	6	.
Plastic Surgery - Integrated	312	63	.	62	.	54	.	57	.	44	.	32	.
- Craniofacial Surgery	3	3	.	.	.	.	.	.	.	.	.	.	.
- Hand Surgery	18	18	.	.	.	.	.	.	.	.	.	.	.
Preventive medicine	316	164	.	145	.	7	.	.	.	.	.	.	.
- Medical Toxicology	7	5	.	2	.	.	.	.	.	.	.	.	.
- Undersea and Hyperbaric Medicine	2	2	.	.	.	.	.	.	.	.	.	.	.
Psychiatry	4,800	1,266	.	1,321	.	1,256	.	957	.	.	.	.	.
- Addiction Psychiatry	49	48	.	1	.	.	.	.	.	.	.	.	.
- Child and Adolescent Psychiatry	781	405	.	376	.	.	.	.	.	.	.	.	.
- Forensic Psychiatry	69	69	.	.	.	.	.	.	.	.	.	.	.
- Geriatric Psychiatry	63	63	.	.	.	.	.	.	.	.	.	.	.
- Psychosomatic Medicine	52	52	.	.	.	.	.	.	.	.	.	.	.
Radiation oncology	595	163	.	138	.	157	.	137	.	.	.	.	.
Radiology-diagnostic	4,490	1,175	.	1,117	.	1,095	.	1,098	.	5	.	.	.
- Abdominal Radiology	44	44	.	.	.	.	.	.	.	.	.	.	.
- Cardiothoracic Radiology	3	3	.	.	.	.	.	.	.	.	.	.	.
- Endovascular surgical neuroradiology	5	5	.	.	.	.	.	.	.	.	.	.	.
- Musculoskeletal Radiology	26	26	.	.	.	.	.	.	.	.	.	.	.
- Neuroradiology	231	231	.	.	.	.	.	.	.	.	.	.	.
- Nuclear Radiology	8	8	.	.	.	.	.	.	.	.	.	.	.
- Pediatric Radiology	58	58	.	.	.	.	.	.	.	.	.	.	.
- Vascular and Interventional Radiology	164	164	.	.	.	.	.	.	.	.	.	.	.
- Sleep Medicine	130	130	.	.	.	.	.	.	.	.	.	.	.
Surgery	7,340	1,133	1,488	1,078	373	1,086	61	1,069	.	1,052	.	.	.
- Hand Surgery	6	6	.	.	.	.	.	.	.	.	.	.	.
- Pediatric Surgery	70	35	.	35	.	.	.	.	.	.	.	.	.
- Surgical Critical Care	154	154	.	.	.	.	.	.	.	.	.	.	.
- Vascular Surgery	238	127	.	111	.	.	.	.	.	.	.	.	.
- Vascular surgery - Integrated	17	10	.	7	.	.	.	.	.	.	.	.	.
Thoracic surgery	223	103	.	92	.	28	.	.	.	.	.	.	.
- Congenital Cardiac Surgery	5	5	.	.	.	.	.	.	.	.	.	.	.
Thoracic Surgery - Integrated	5	3	.	2	.	.	.	.	.	.	.	.	.
Urology	1,035	264	.	266	.	256	.	246	.	3	.	.	.
- Pediatric Urology	21	21	.	.	.	.	.	.	.	.	.	.	.
Transitional year	1,233	1,233	.	.	.	.	.	.	.	.	.	.	.
Internal Medicine/Pediatrics	1,385	360	.	356	.	344	.	325	.	.	.	.	.

## Number of Residents in Pipeline (Entry Level) Positions, by Specialty

Specialty	Total Residents in Entry Level Specialties	Total Programs in Entry Level Specialties	Residents in GY1 Positions	Residents in GY1 Positions with No Prior GME	Year 1 Preliminary Positions	Residents in Program Year 2 Positions
<b>OVERALL</b>	<b>88,726</b>	<b>3,626</b>	<b>26,036</b>	<b>24,184</b>	<b>3,533</b>	<b>25,377</b>
Anesthesiology	5,399	131	670	523	.	1,613
Dermatology	1,123	111	2	2	.	368
Emergency medicine	4,763	149	1,486	1,290	.	1,474
Family medicine	9,651	458	3,300	3,029	.	3,208
Internal medicine	22,477	382	8,993	8,385	1,997	6,831
Medical genetics	79	49	7	2	.	39
Neurological surgery	857	99	.	.	.	162
Neurology	1,795	126	158	126	.	562
Nuclear medicine	149	56	.	.	.	57
Obstetrics and gynecology	4,805	248	1,238	1,186	20	1,203
Ophthalmology	1,373	119	.	.	.	451
Orthopaedic surgery	3,328	153	684	652	.	681
Otolaryngology	1,407	103	288	278	.	290
Pathology-anatomic and clinical	2,349	149	652	569	.	605
Pediatrics	8,159	194	2,795	2,617	28	2,731
Physical medicine and rehabilitation	1,214	80	80	78	.	390
Plastic Surgery - Integrated	312	30	63	56	.	62
Preventive medicine	316	72	7	6	.	145
Psychiatry	4,800	182	1,266	1,218	.	1,321
Radiation oncology	595	81	.	.	.	138
Radiology-diagnostic	4,490	188	.	.	.	1,117
Surgery	7,340	250	2,621	2,521	1,488	1,451
Vascular surgery - Integrated	17	12	10	6	.	7
Thoracic Surgery - Integrated	5	3	3	3	.	2
Transitional year	.	.	1,233	1,190	.	.
Internal Medicine/Pediatrics	1,385	80	360	334	.	356
Unaccredited Combined Programs	538	121	120	113	.	113

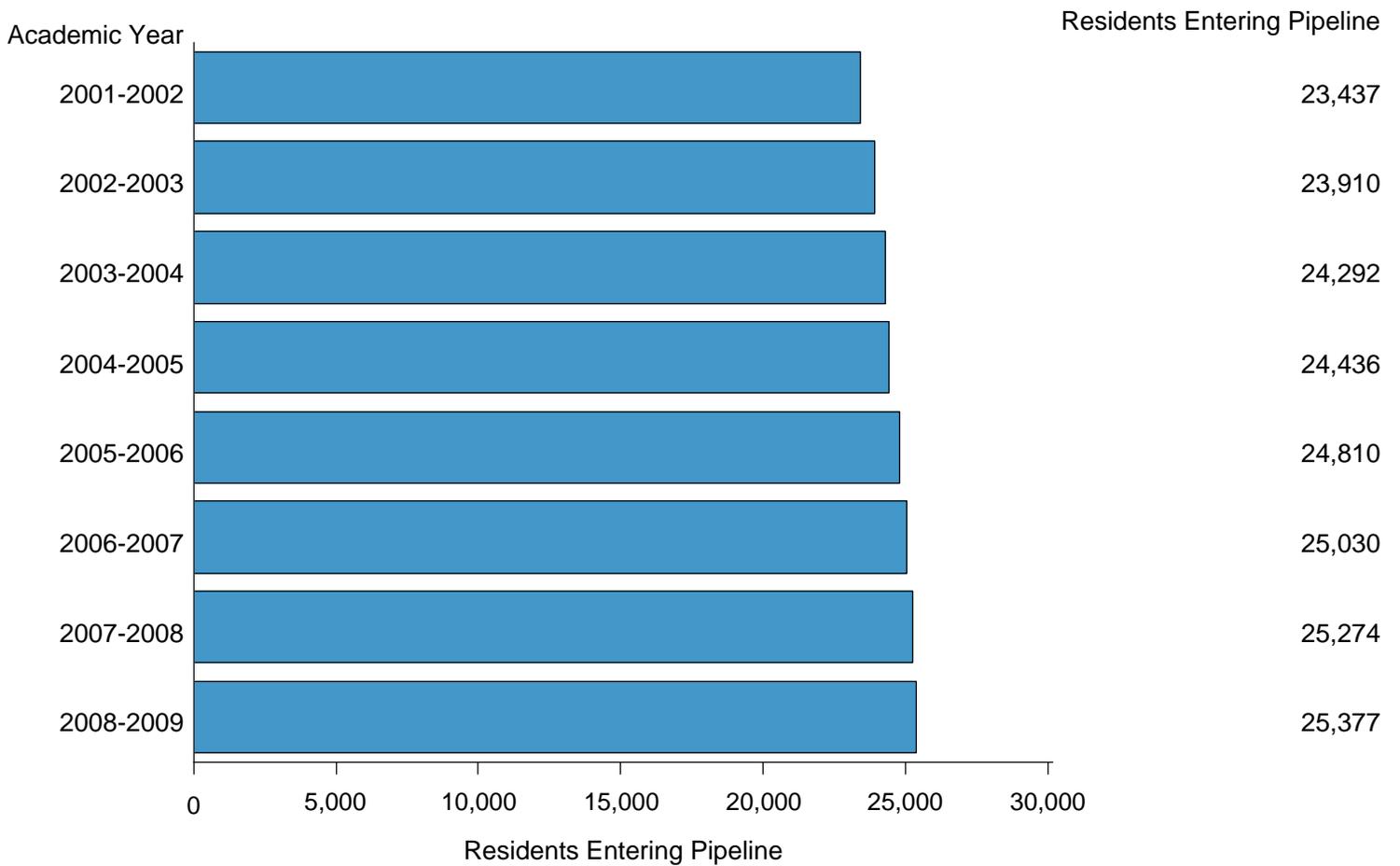
Note: Program year refers to the current year of training within a specific program. Graduate Year is used to indicate the first year of training after medical school. Individuals in GY1 positions who are using their first year in a residency program as a prerequisite to enter another program are counted as Preliminary.

## Number of Residents in Pipeline (Entry Level) Positions, by Medical School Type

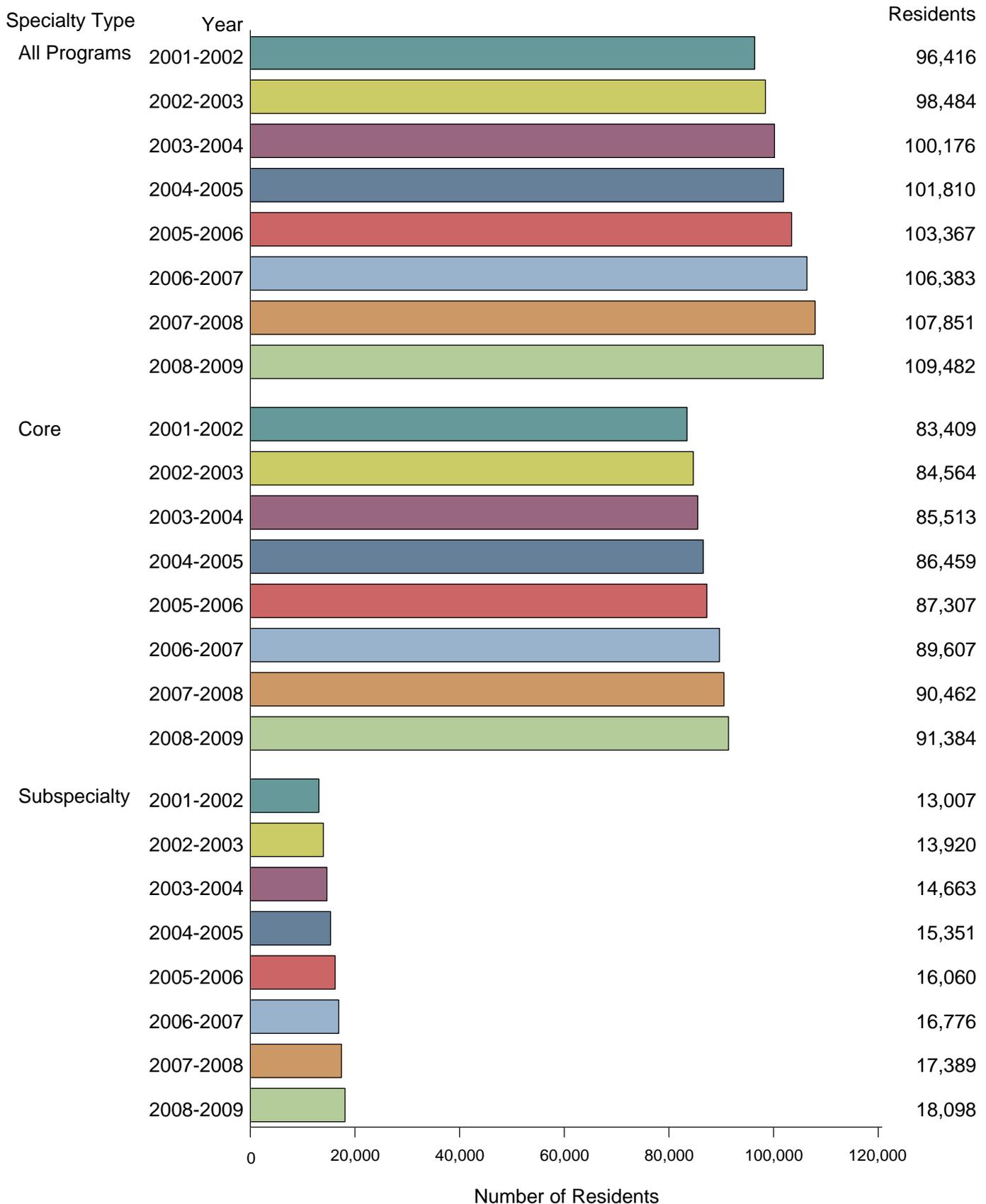
Medical School Type	Residents in GY1 Positions	Residents in GY1 Positions with No Prior GME	Year 1 Preliminary Positions	Residents in Program Year 2 Positions
OVERALL	26,036	24,184	3,533	25,377
Canadian Medical School	28	20	5	63
International Medical School	7,516	7,089	831	7,387
Osteopathic Medical School	2,078	1,942	112	1,908
US LCME-Accredited	16,409	15,128	2,584	16,018
US Medical School Unknown	5	5	1	1

Note: Only residents from entry level specialties are counted in this table. Graduate Year is used to indicate the first year of training after medical school. Individuals in GY1 positions who are using their first year in a residency program as a prerequisite to enter another program are counted as Preliminary.

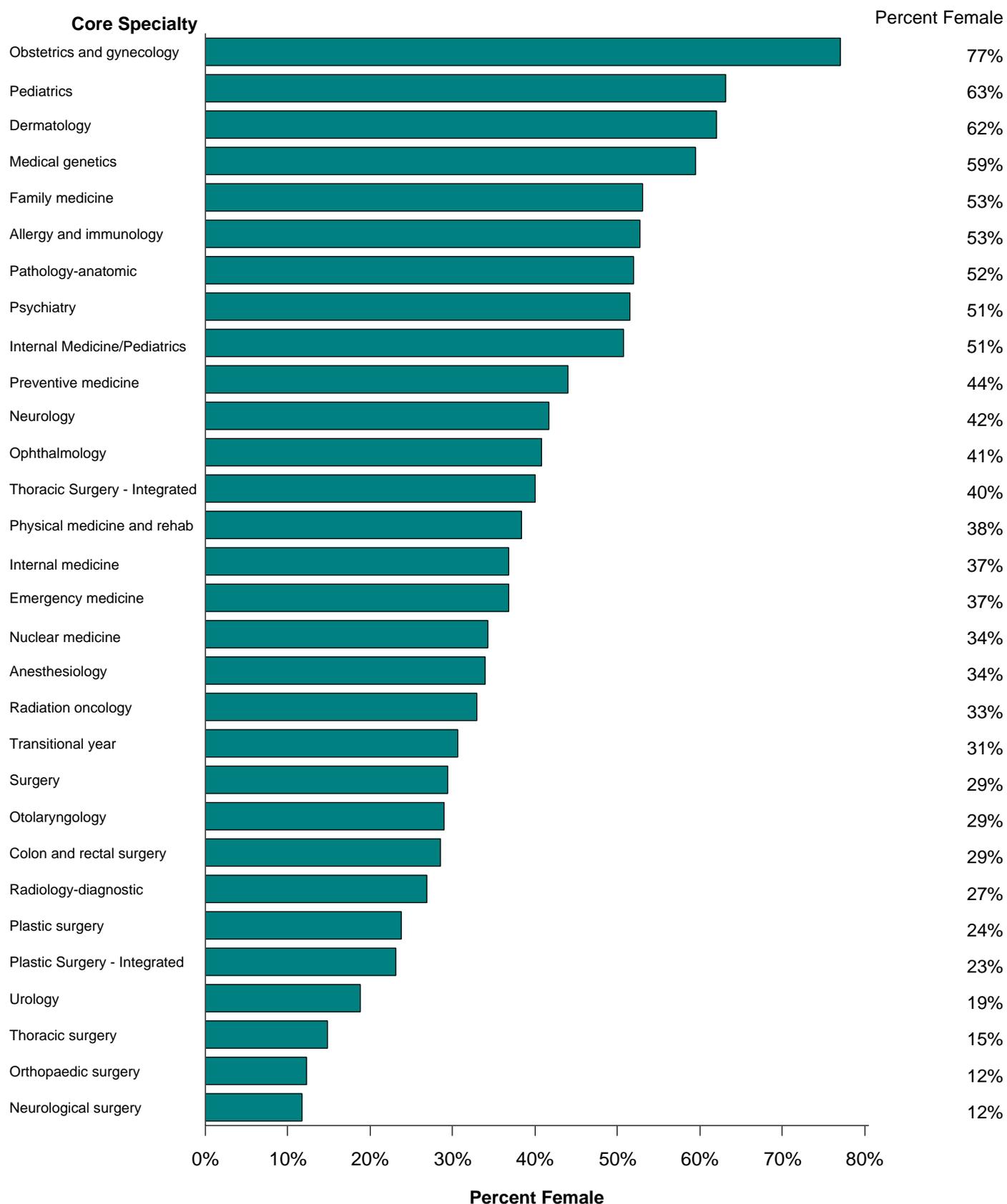
## Number of Residents Entering GME Pipeline, by Academic Year



## Number of Residents, by Academic Year



## Core Specialties with the Largest Percentages of Female Residents



**Number of Residents, by Specialty and Gender**

(table continued on next page)								
			Gender					
			Female		Male		Not Reported	
Specialty	Number of Programs	Number of Residents	#	%	#	%	#	%
OVERALL	8,734	109,482	45,199	41%	55,663	51%	8,620	8%
Allergy and immunology	74	292	154	53%	121	41%	17	6%
Anesthesiology	131	5,399	1,835	34%	3,232	60%	332	6%
- Adult Cardiothoracic Anesthesiology	44	109	30	28%	67	61%	12	11%
- Critical Care Medicine	47	80	21	26%	58	73%	1	1%
- Pediatric Anesthesiology	45	136	64	47%	71	52%	1	1%
Colon and rectal surgery	47	77	22	29%	54	70%	1	1%
Dermatology	111	1,123	697	62%	406	36%	20	2%
- Dermatopathology	54	80	32	40%	46	58%	2	3%
- Procedural Dermatology	36	34	15	44%	17	50%	2	6%
Emergency medicine	149	4,763	1,751	37%	2,627	55%	385	8%
- Medical Toxicology	24	48	15	31%	30	63%	3	6%
- Pediatric Emergency Medicine	21	59	39	66%	15	25%	5	8%
- Sports Medicine	5	7	1	14%	4	57%	2	29%
- Undersea and Hyperbaric Medicine	5	4	.	.	4	100%	.	.
Family medicine	458	9,651	5,123	53%	4,122	43%	406	4%
- Geriatric Medicine	40	63	29	46%	32	51%	2	3%
- Sports Medicine	102	157	50	32%	107	68%	.	.
Internal medicine	382	22,477	8,272	37%	10,550	47%	3,655	16%
- Cardiovascular Disease	180	2,415	476	20%	1,845	76%	94	4%
- Clinical Cardiac Electrophysiology	97	170	13	8%	140	82%	17	10%
- Critical Care Medicine	32	154	31	20%	123	80%	.	.
- Endocrinology, Diabetes, and Metabolism	126	534	350	66%	177	33%	7	1%
- Gastroenterology	154	1,319	381	29%	889	67%	49	4%
- Geriatric Medicine	105	284	147	52%	123	43%	14	5%
- Hematology	8	38	8	21%	30	79%	.	.
- Hematology and Oncology	128	1,392	569	41%	749	54%	74	5%
- Infectious Disease	144	707	334	47%	340	48%	33	5%
- Interventional Cardiology	134	291	22	8%	255	88%	14	5%
- Nephrology	142	850	285	34%	516	61%	49	6%
- Oncology	18	106	41	39%	63	59%	2	2%
- Pulmonary Disease	22	79	24	30%	53	67%	2	3%
- Pulmonary Disease and Critical Care	135	1,285	370	29%	880	68%	35	3%
- Rheumatology	109	397	237	60%	151	38%	9	2%
- Transplant hepatology	27	19	11	58%	8	42%	.	.
Medical genetics	49	79	47	59%	30	38%	2	3%
- Molecular Genetic Pathology	27	27	6	22%	20	74%	1	4%
- Medical biochemical genetics	4	4	2	50%	2	50%	.	.
Neurological surgery	99	857	100	12%	739	86%	18	2%
- Endovascular surgical neuroradiology	1	2	.	.	2	100%	.	.
Neurology	126	1,795	749	42%	909	51%	137	8%
- Child Neurology	69	283	165	58%	98	35%	20	7%
- Clinical Neurophysiology	91	198	77	39%	95	48%	26	13%

## Number of Residents, by Specialty and Gender

...continued								
			Gender					
			Female		Male		Not Reported	
Specialty	Number of Programs	Number of Residents	#	%	#	%	#	%
- Endovascular surgical neuroradiology	1	2	.	.	2	100%	.	.
- Neuromuscular Medicine	21	31	14	45%	17	55%	.	.
- Neurodevelopmental Disabilities	8	13	8	62%	4	31%	1	8%
- Vascular Neurology	65	50	13	26%	31	62%	6	12%
Nuclear medicine	56	149	51	34%	91	61%	7	5%
Obstetrics and gynecology	248	4,805	3,704	77%	1,039	22%	62	1%
Ophthalmology	119	1,373	560	41%	787	57%	26	2%
Orthopaedic surgery	153	3,328	407	12%	2,728	82%	193	6%
- Adult Reconstructive Orthopaedics	20	36	.	.	31	86%	5	14%
- Foot and Ankle Orthopaedics	9	20	6	30%	14	70%	.	.
- Hand Surgery	56	118	24	20%	78	66%	16	14%
- Musculoskeletal Oncology	10	15	3	20%	10	67%	2	13%
- Orthopaedic Sports Medicine	88	201	10	5%	175	87%	16	8%
- Orthopaedic Surgery of the Spine	13	32	2	6%	30	94%	.	.
- Orthopaedic Trauma	7	14	1	7%	13	93%	.	.
- Pediatric Orthopaedics	21	29	6	21%	23	79%	.	.
Otolaryngology	103	1,407	408	29%	961	68%	38	3%
- Neurotology	15	22	5	23%	17	77%	.	.
- Pediatric Otolaryngology	7	12	4	33%	5	42%	3	25%
- Pain Medicine	94	286	66	23%	210	73%	10	3%
- Hospice and Palliative Medicine	46	78	44	56%	23	29%	11	14%
Pathology-anatomic and clinical	149	2,349	1,220	52%	1,084	46%	45	2%
- Blood Banking/Transfusion Medicine	47	46	18	39%	27	59%	1	2%
- Chemical Pathology	2	2	1	50%	1	50%	.	.
- Cytopathology	85	136	82	60%	50	37%	4	3%
- Forensic Pathology	38	36	16	44%	18	50%	2	6%
- Hematology	78	116	50	43%	62	53%	4	3%
- Medical Microbiology	13	11	6	55%	5	45%	.	.
- Neuropathology	35	44	18	41%	25	57%	1	2%
- Pediatric Pathology	24	25	16	64%	8	32%	1	4%
- Selective Pathology	58	130	67	52%	62	48%	1	1%
Pediatrics	194	8,159	5,147	63%	1,909	23%	1,103	14%
- Adolescent Medicine	26	66	54	82%	8	12%	4	6%
- Neonatal-Perinatal Medicine	98	607	364	60%	224	37%	19	3%
- Pediatric Cardiology	51	326	122	37%	198	61%	6	2%
- Pediatric Critical Care Medicine	61	350	154	44%	180	51%	16	5%
- Pediatric Emergency Medicine	47	268	159	59%	99	37%	10	4%
- Pediatric Endocrinology	67	230	172	75%	46	20%	12	5%
- Pediatric Gastroenterology	54	222	117	53%	103	46%	2	1%
- Pediatric Hematology/Oncology	66	378	222	59%	151	40%	5	1%
- Pediatric Infectious Diseases	61	170	104	61%	63	37%	3	2%
- Pediatric Nephrology	38	103	69	67%	34	33%	.	.
- Pediatric Pulmonology	48	137	63	46%	69	50%	5	4%

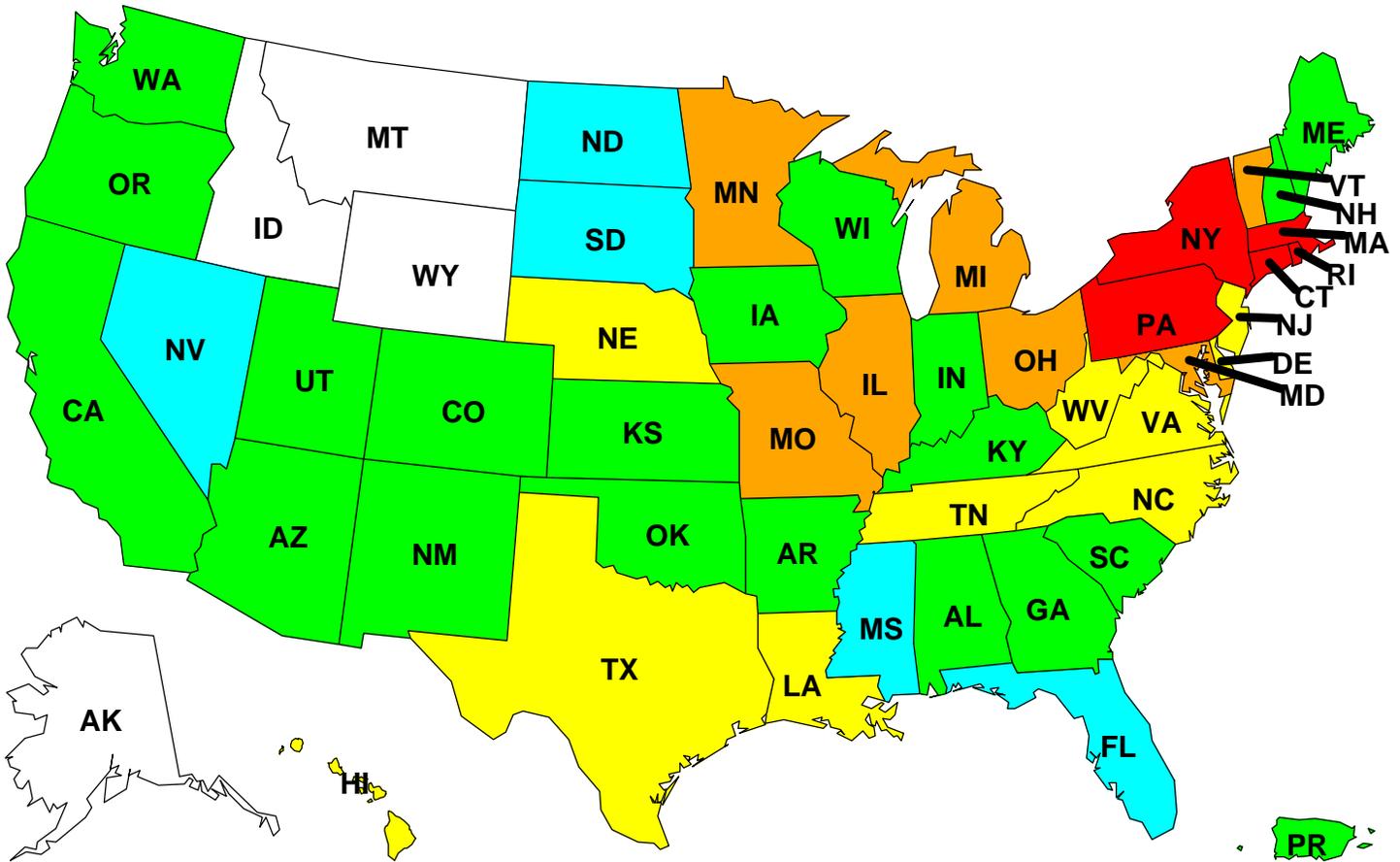
## Number of Residents, by Specialty and Gender

...continued								
			Gender					
			Female		Male		Not Reported	
Specialty	Number of Programs	Number of Residents	#	%	#	%	#	%
- Pediatric Rheumatology	28	71	50	70%	20	28%	1	1%
- Pediatric Sports Medicine	9	13	5	38%	8	62%	.	.
- Developmental-Behavioral Pediatrics	37	70	53	76%	15	21%	2	3%
- Pediatric transplant hepatology	3	2	.	.	2	100%	.	.
Physical medicine and rehabilitation	80	1,214	466	38%	681	56%	67	6%
- Pediatric Rehabilitation	14	13	7	54%	6	46%	.	.
- Spinal Cord Injury Medicine	19	12	7	58%	5	42%	.	.
Plastic surgery	89	353	84	24%	259	73%	10	3%
Plastic Surgery - Integrated	30	312	72	23%	224	72%	16	5%
- Craniofacial Surgery	4	3	.	.	3	100%	.	.
- Hand Surgery	14	18	2	11%	16	89%	.	.
Preventive medicine	72	316	139	44%	175	55%	2	1%
- Medical Toxicology	2	7	4	57%	3	43%	.	.
- Undersea and Hyperbaric Medicine	1	2	.	.	2	100%	.	.
Psychiatry	182	4,800	2,471	51%	1,977	41%	352	7%
- Addiction Psychiatry	43	49	16	33%	30	61%	3	6%
- Child and Adolescent Psychiatry	122	781	441	56%	323	41%	17	2%
- Forensic Psychiatry	42	69	26	38%	40	58%	3	4%
- Geriatric Psychiatry	58	63	28	44%	31	49%	4	6%
- Psychosomatic Medicine	44	52	21	40%	19	37%	12	23%
Radiation oncology	81	595	196	33%	388	65%	11	2%
Radiology-diagnostic	188	4,490	1,206	27%	3,118	69%	166	4%
- Abdominal Radiology	12	44	13	30%	31	70%	.	.
- Cardiothoracic Radiology	2	3	1	33%	2	67%	.	.
- Endovascular surgical neuroradiology	3	5	.	.	5	100%	.	.
- Musculoskeletal Radiology	13	26	3	12%	15	58%	8	31%
- Neuroradiology	85	231	45	19%	181	78%	5	2%
- Nuclear Radiology	24	8	2	25%	6	75%	.	.
- Pediatric Radiology	46	58	22	38%	36	62%	.	.
- Vascular and Interventional Radiology	93	164	15	9%	149	91%	.	.
- Sleep Medicine	68	130	45	35%	83	64%	2	2%
Surgery	250	7,340	2,156	29%	4,645	63%	539	7%
- Hand Surgery	1	6	1	17%	5	83%	.	.
- Pediatric Surgery	37	70	25	36%	45	64%	.	.
- Surgical Critical Care	94	154	49	32%	103	67%	2	1%
- Vascular Surgery	97	238	31	13%	203	85%	4	2%
- Vascular surgery - Integrated	12	17	3	18%	11	65%	3	18%
Thoracic surgery	77	223	33	15%	185	83%	5	2%
- Congenital Cardiac Surgery	9	5	1	20%	4	80%	.	.
Thoracic Surgery - Integrated	3	5	2	40%	3	60%	.	.
Urology	119	1,035	194	19%	805	78%	36	3%
- Pediatric Urology	23	21	12	57%	9	43%	.	.
Transitional year	121	1,233	377	31%	712	58%	144	12%
Internal Medicine/Pediatrics	80	1,385	703	51%	565	41%	117	8%

## Number of Residents in Core and Subspecialty Programs, by State

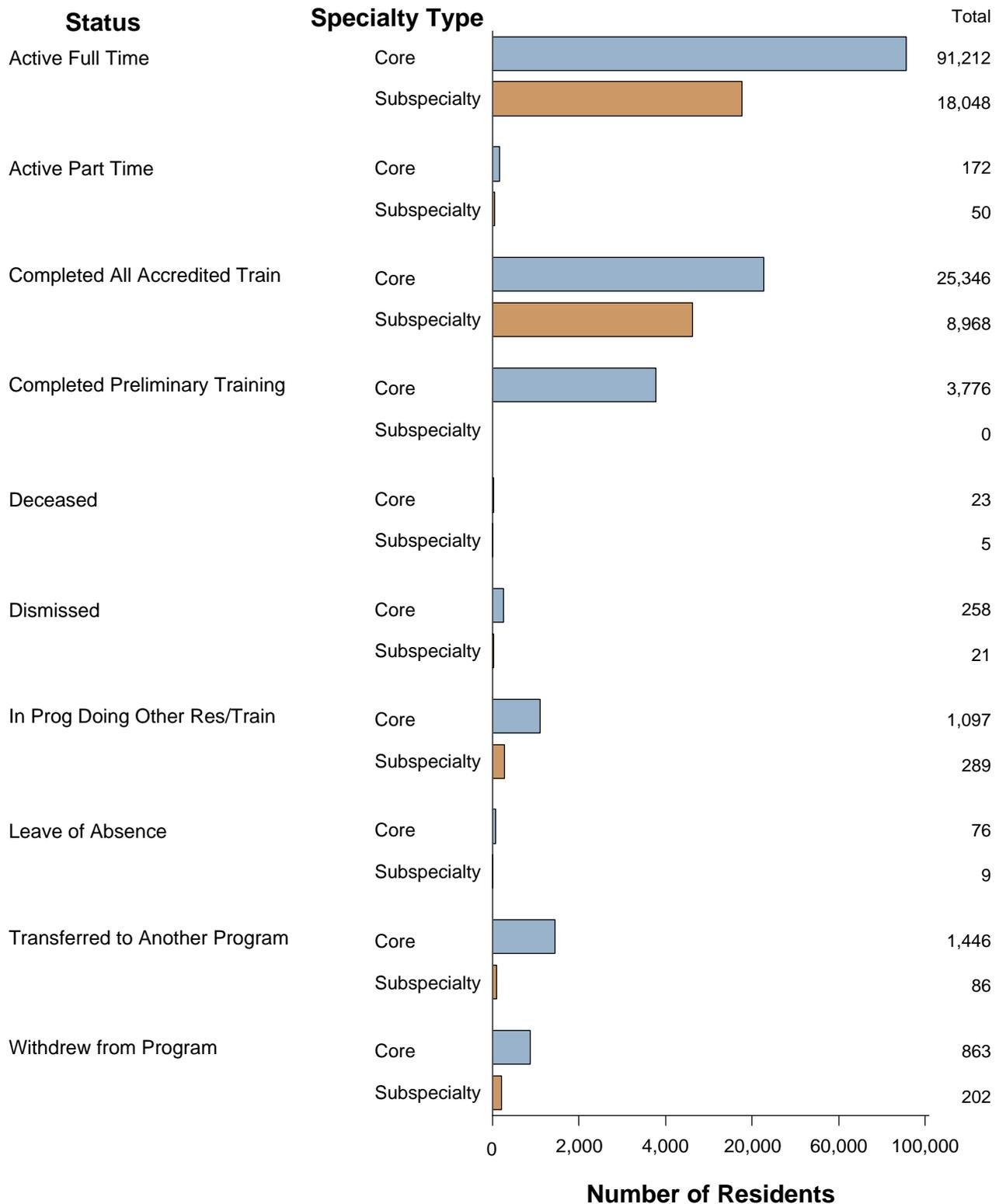
State Name	State Abbreviation	State Population - Census 2000	Number of Residents	Number of Res in Core Programs	Number of Res in Subspecialty Programs	Resident Concentration per 100,000
OVERALL	--	285,230,516	109,482	91,384	18,098	38.38
Alabama	AL	4,447,100	1,201	1,004	197	27.01
Alaska	AK	626,932	35	35	.	5.58
Arizona	AZ	5,130,632	1,296	1,141	155	25.26
Arkansas	AR	2,673,400	703	602	101	26.30
California	CA	33,871,648	9,658	8,019	1,639	28.51
Colorado	CO	4,301,261	1,135	931	204	26.39
Connecticut	CT	3,405,565	2,010	1,694	316	59.02
Delaware	DE	783,600	306	272	34	39.05
District of Columbia	DC	572,059	1,831	1,456	375	320.07
Florida	FL	15,982,378	3,331	2,742	589	20.84
Georgia	GA	8,186,453	2,044	1,715	329	24.97
Hawaii	HI	1,211,537	415	387	28	34.25
Idaho	ID	1,293,953	50	49	1	3.86
Illinois	IL	12,419,293	5,728	4,951	777	46.12
Indiana	IN	6,080,485	1,278	1,098	180	21.02
Iowa	IA	2,926,324	816	682	134	27.88
Kansas	KS	2,688,418	694	620	74	25.81
Kentucky	KY	4,041,769	1,119	934	185	27.69
Louisiana	LA	4,468,976	1,666	1,422	244	37.28
Maine	ME	1,274,923	295	268	27	23.14
Maryland	MD	5,296,486	2,632	2,086	546	49.69
Massachusetts	MA	6,349,097	5,195	4,025	1,170	81.82
Michigan	MI	9,938,444	4,574	3,907	667	46.02
Minnesota	MN	4,919,479	2,144	1,708	436	43.58
Mississippi	MS	2,844,658	495	427	68	17.40
Missouri	MO	5,595,211	2,514	2,032	482	44.93
Montana	MT	902,195	20	19	1	2.22
Nebraska	NE	1,711,263	641	562	79	37.46
Nevada	NV	1,998,257	242	234	8	12.11
New Hampshire	NH	1,235,786	368	290	78	29.78
New Jersey	NJ	8,414,350	2,731	2,442	289	32.46
New Mexico	NM	1,819,046	534	441	93	29.36
New York	NY	18,976,457	15,821	13,214	2,607	83.37
North Carolina	NC	8,049,313	2,817	2,307	510	35.00
North Dakota	ND	642,200	107	107	.	16.66
Ohio	OH	11,353,140	5,293	4,421	872	46.62
Oklahoma	OK	3,450,654	735	657	78	21.30
Oregon	OR	3,421,399	805	677	128	23.53
Pennsylvania	PA	12,281,054	7,236	5,893	1,343	58.92
Puerto Rico	PR	3,808,610	801	705	96	21.03
Rhode Island	RI	1,048,319	725	580	145	69.16
South Carolina	SC	4,012,012	1,115	957	158	27.79
South Dakota	SD	754,844	97	93	4	12.85
Tennessee	TN	5,689,283	2,089	1,731	358	36.72
Texas	TX	20,851,820	6,993	5,748	1,245	33.54
Utah	UT	2,233,169	687	557	130	30.76
Vermont	VT	608,827	259	212	47	42.54
Virginia	VA	7,078,515	2,229	1,951	278	31.49
Washington	WA	5,894,121	1,652	1,387	265	28.03
West Virginia	WV	1,808,344	620	556	64	34.29
Wisconsin	WI	5,363,675	1,660	1,396	264	30.95
Wyoming	WY	493,782	40	40	.	8.10

# Geographical Distribution of the Number of Medical Residents per 100,000 State Residents



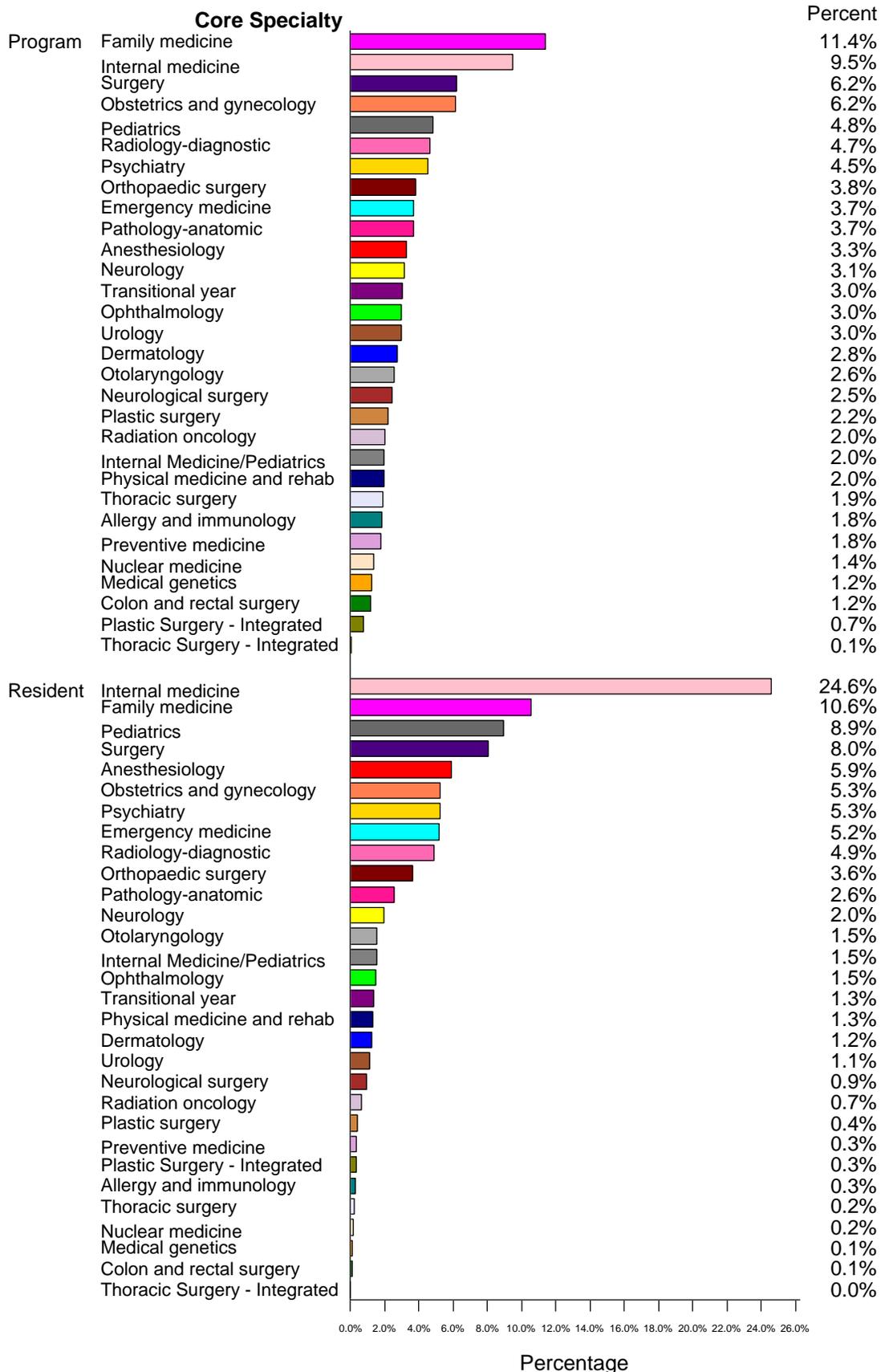
Note: U.S. Population information based on Census 2000 data.

## Number of Residents, by Confirmed Status for Core and Subspecialty Programs

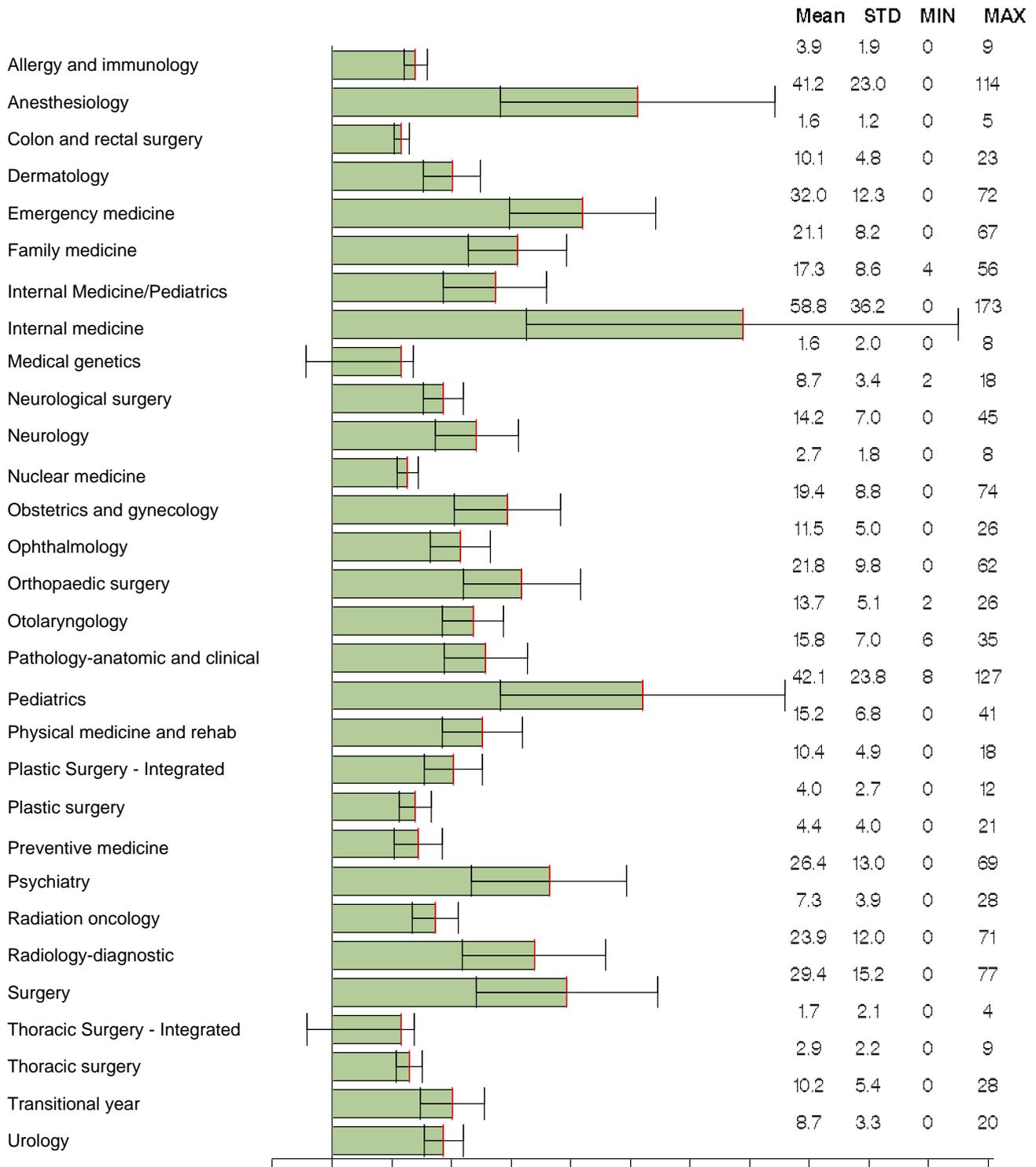


Note: For the statuses [Completed All Accredited Training], [Completed Preliminary Training], [Transferred], [Withdrew], [Dismissed], and [Deceased], the resident left or completed the program between 9 / 1 / 2007 and 8 / 31 / 2008 . All other statuses reflect the academic year ( 7 / 1 / 2008 through 6 / 30 / 2009 ).

# Percentage of All Core Programs and Residents, by Core Specialty



## Mean Number of Residents per Program, by Core Specialty



Mean and Plus/Minus 1 Standard Deviation

**Number of Part-Time Residents, by Specialty**

Specialty	Number of Residents	Number of Part-Time Residents	Percentage of the Part-Time Residents who are in this Specialty	Percentage of All Residents in this Specialty who are Part time
<b>OVERALL</b>	109,482	<b>222</b>	100.0%	0.2%
Allergy and immunology	292	.	.	.
Anesthesiology	5,399	<b>9</b>	4.1%	0.2%
- Adult Cardiothoracic Anesthesiology	109	.	.	.
- Critical Care Medicine	80	.	.	.
- Pediatric Anesthesiology	136	.	.	.
Colon and rectal surgery	77	.	.	.
Dermatology	1,123	<b>1</b>	0.5%	0.1%
- Dermatopathology	80	.	.	.
- Procedural Dermatology	34	.	.	.
Emergency medicine	4,763	<b>5</b>	2.3%	0.1%
- Medical Toxicology	48	.	.	.
- Pediatric Emergency Medicine	59	<b>1</b>	0.5%	1.7%
- Sports Medicine	7	.	.	.
- Undersea and Hyperbaric Medicine	4	.	.	.
Family medicine	9,651	<b>17</b>	7.7%	0.2%
- Geriatric Medicine	63	<b>2</b>	0.9%	3.2%
- Sports Medicine	157	<b>3</b>	1.4%	1.9%
Internal medicine	22,477	<b>22</b>	9.9%	0.1%
- Cardiovascular Disease	2,415	<b>1</b>	0.5%	0.0%
- Clinical Cardiac Electrophysiology	170	.	.	.
- Critical Care Medicine	154	.	.	.
- Endocrinology, Diabetes, and Metabolism	534	<b>4</b>	1.8%	0.7%
- Gastroenterology	1,319	.	.	.
- Geriatric Medicine	284	<b>1</b>	0.5%	0.4%
- Hematology	38	.	.	.
- Hematology and Oncology	1,392	<b>2</b>	0.9%	0.1%
- Infectious Disease	707	<b>1</b>	0.5%	0.1%
- Interventional Cardiology	291	<b>1</b>	0.5%	0.3%
- Nephrology	850	<b>3</b>	1.4%	0.4%
- Oncology	106	.	.	.
- Pulmonary Disease	79	.	.	.
- Pulmonary Disease and Critical Care Medicine	1,285	<b>1</b>	0.5%	0.1%
- Rheumatology	397	<b>2</b>	0.9%	0.5%
- Transplant hepatology	19	<b>1</b>	0.5%	5.3%
Medical genetics	79	<b>1</b>	0.5%	1.3%
- Molecular Genetic Pathology	27	.	.	.
- Medical biochemical genetics	4	.	.	.
Neurological surgery	857	<b>3</b>	1.4%	0.4%
- Endovascular surgical neuroradiology	2	.	.	.
Neurology	1,795	<b>3</b>	1.4%	0.2%
- Child Neurology	283	.	.	.
- Clinical Neurophysiology	198	.	.	.

## Number of Part-Time Residents, by Specialty

...continued				
Specialty	Number of Residents	Number of Part-Time Residents	Percentage of the Part-Time Residents who are in this Specialty	Percentage of All Residents in this Specialty who are Part time
- Endovascular surgical neuroradiology	2	.	.	.
- Neuromuscular Medicine	31	2	0.9%	6.5%
- Neurodevelopmental Disabilities	13	.	.	.
- Vascular Neurology	50	.	.	.
Nuclear medicine	149	.	.	.
Obstetrics and gynecology	4,805	6	2.7%	0.1%
Ophthalmology	1,373	2	0.9%	0.1%
Orthopaedic surgery	3,328	7	3.2%	0.2%
- Adult Reconstructive Orthopaedics	36	.	.	.
- Foot and Ankle Orthopaedics	20	.	.	.
- Hand Surgery	118	.	.	.
- Musculoskeletal Oncology	15	.	.	.
- Orthopaedic Sports Medicine	201	.	.	.
- Orthopaedic Surgery of the Spine	32	1	0.5%	3.1%
- Orthopaedic Trauma	14	.	.	.
- Pediatric Orthopaedics	29	.	.	.
Otolaryngology	1,407	2	0.9%	0.1%
- Neurotology	22	.	.	.
- Pediatric Otolaryngology	12	.	.	.
- Pain Medicine	286	1	0.5%	0.3%
- Hospice and Palliative Medicine	78	3	1.4%	3.8%
Pathology-anatomic and clinical	2,349	2	0.9%	0.1%
- Blood Banking/Transfusion Medicine	46	.	.	.
- Chemical Pathology	2	.	.	.
- Cytopathology	136	2	0.9%	1.5%
- Forensic Pathology	36	.	.	.
- Hematology	116	.	.	.
- Medical Microbiology	11	.	.	.
- Neuropathology	44	.	.	.
- Pediatric Pathology	25	.	.	.
- Selective Pathology	130	1	0.5%	0.8%
Pediatrics	8,159	34	15.3%	0.4%
- Adolescent Medicine	66	.	.	.
- Neonatal-Perinatal Medicine	607	.	.	.
- Pediatric Cardiology	326	1	0.5%	0.3%
- Pediatric Critical Care Medicine	350	1	0.5%	0.3%
- Pediatric Emergency Medicine	268	1	0.5%	0.4%
- Pediatric Endocrinology	230	1	0.5%	0.4%
- Pediatric Gastroenterology	222	.	.	.
- Pediatric Hematology/Oncology	378	1	0.5%	0.3%
- Pediatric Infectious Diseases	170	2	0.9%	1.2%
- Pediatric Nephrology	103	.	.	.
- Pediatric Pulmonology	137	1	0.5%	0.7%

**Number of Part-Time Residents, by Specialty**

...continued				
Specialty	Number of Residents	Number of Part-Time Residents	Percentage of the Part-Time Residents who are in this Specialty	Percentage of All Residents in this Specialty who are Part time
- Pediatric Rheumatology	71	.	.	.
- Pediatric Sports Medicine	13	.	.	.
- Developmental-Behavioral Pediatrics	70	.	.	.
- Pediatric transplant hepatology	2	.	.	.
Physical medicine and rehabilitation	1,214	3	1.4%	0.2%
- Pediatric Rehabilitation	13	.	.	.
- Spinal Cord Injury Medicine	12	.	.	.
Plastic surgery	353	.	.	.
Plastic Surgery - Integrated	312	.	.	.
- Craniofacial Surgery	3	.	.	.
- Hand Surgery	18	.	.	.
Preventive medicine	316	5	2.3%	1.6%
- Medical Toxicology	7	1	0.5%	14.3%
- Undersea and Hyperbaric Medicine	2	.	.	.
Psychiatry	4,800	23	10.4%	0.5%
- Addiction Psychiatry	49	1	0.5%	2.0%
- Child and Adolescent Psychiatry	781	5	2.3%	0.6%
- Forensic Psychiatry	69	1	0.5%	1.4%
- Geriatric Psychiatry	63	.	.	.
- Psychosomatic Medicine	52	.	.	.
Radiation oncology	595	1	0.5%	0.2%
Radiology-diagnostic	4,490	6	2.7%	0.1%
- Abdominal Radiology	44	.	.	.
- Cardiothoracic Radiology	3	.	.	.
- Endovascular surgical neuroradiology	5	.	.	.
- Musculoskeletal Radiology	26	.	.	.
- Neuroradiology	231	.	.	.
- Nuclear Radiology	8	.	.	.
- Pediatric Radiology	58	1	0.5%	1.7%
- Vascular and Interventional Radiology	164	.	.	.
- Sleep Medicine	130	.	.	.
Surgery	7,340	16	7.2%	0.2%
- Hand Surgery	6	.	.	.
- Pediatric Surgery	70	.	.	.
- Surgical Critical Care	154	.	.	.
- Vascular Surgery	238	.	.	.
- Vascular surgery - Integrated	17	.	.	.
Thoracic surgery	223	.	.	.
- Congenital Cardiac Surgery	5	.	.	.
Thoracic Surgery - Integrated	5	.	.	.
Urology	1,035	4	1.8%	0.4%
- Pediatric Urology	21	.	.	.
Transitional year	1,233	.	.	.
Internal Medicine/Pediatrics	1,385	.	.	.

## Number of Residents Completing Training, by Specialty

Specialty	Total Number of Residents	Number of Completing Residents	Residents Completing All Accredited Training	Residents Completing Preliminary Training	Percentage of the Completing Residents who are in this Specialty
<b>OVERALL</b>	<b>109,482</b>	<b>38,090</b>	<b>34,314</b>	<b>3,776</b>	<b>100.0%</b>
Allergy and immunology	292	141	141	.	0.4%
Anesthesiology	5,399	1,529	1,529	.	4.0%
- Adult Cardiothoracic Anesthesiology	109	85	85	.	0.2%
- Critical Care Medicine	80	71	71	.	0.2%
- Pediatric Anesthesiology	136	149	149	.	0.4%
Colon and rectal surgery	77	78	78	.	0.2%
Dermatology	1,123	362	362	.	1.0%
- Dermatopathology	80	76	76	.	0.2%
- Procedural Dermatology	34	33	33	.	0.1%
Emergency medicine	4,763	1,349	1,349	.	3.5%
- Medical Toxicology	48	21	21	.	0.1%
- Pediatric Emergency Medicine	59	16	16	.	0.0%
- Sports Medicine	7	5	5	.	0.0%
- Undersea and Hyperbaric Medicine	4	4	4	.	0.0%
Family medicine	9,651	3,070	3,070	.	8.1%
- Geriatric Medicine	63	66	66	.	0.2%
- Sports Medicine	157	146	146	.	0.4%
Internal medicine	22,477	8,738	6,575	2,163	22.9%
- Cardiovascular Disease	2,415	742	742	.	1.9%
- Clinical Cardiac Electrophysiology	170	155	155	.	0.4%
- Critical Care Medicine	154	104	104	.	0.3%
- Endocrinology, Diabetes, and Metabolism	534	250	250	.	0.7%
- Gastroenterology	1,319	429	429	.	1.1%
- Geriatric Medicine	284	292	292	.	0.8%
- Hematology	38	16	16	.	0.0%
- Hematology and Oncology	1,392	448	448	.	1.2%
- Infectious Disease	707	337	337	.	0.9%
- Interventional Cardiology	291	285	285	.	0.7%
- Nephrology	850	410	410	.	1.1%
- Oncology	106	52	52	.	0.1%
- Pulmonary Disease	79	29	29	.	0.1%
- Pulmonary Disease and Critical Care Medicine	1,285	401	401	.	1.1%
- Rheumatology	397	178	178	.	0.5%
- Transplant hepatology	19	19	19	.	0.0%
Medical genetics	79	34	34	.	0.1%
- Molecular Genetic Pathology	27	20	20	.	0.1%
- Medical biochemical genetics	4	.	.	.	.
Neurological surgery	857	133	133	.	0.3%
- Endovascular surgical neuroradiology	2	2	2	.	0.0%
Neurology	1,795	505	505	.	1.3%
- Child Neurology	283	81	81	.	0.2%
- Clinical Neurophysiology	198	213	213	.	0.6%
- Endovascular surgical neuroradiology	2	.	.	.	.

Note: Counts reflect residents completing training between 9/1/2007 and 8/31/2008 .

**Number of Residents Completing Training, by Specialty**

...continued					
Specialty	Total Number of Residents	Number of Completing Residents	Residents Completing All Accredited Training	Residents Completing Preliminary Training	Percentage of the Completing Residents who are in this Specialty
- Neuromuscular Medicine	31	18	18	.	0.0%
- Neurodevelopmental Disabilities	13	2	2	.	0.0%
- Vascular Neurology	50	36	36	.	0.1%
Nuclear medicine	149	78	78	.	0.2%
Obstetrics and gynecology	4,805	1,192	1,165	27	3.1%
Ophthalmology	1,373	453	453	.	1.2%
Orthopaedic surgery	3,328	622	622	.	1.6%
- Adult Reconstructive Orthopaedics	36	32	32	.	0.1%
- Foot and Ankle Orthopaedics	20	17	17	.	0.0%
- Hand Surgery	118	115	115	.	0.3%
- Musculoskeletal Oncology	15	14	14	.	0.0%
- Orthopaedic Sports Medicine	201	172	172	.	0.5%
- Orthopaedic Surgery of the Spine	32	24	24	.	0.1%
- Orthopaedic Trauma	14	14	14	.	0.0%
- Pediatric Orthopaedics	29	26	26	.	0.1%
Otolaryngology	1,407	251	251	.	0.7%
- Neurotology	22	14	14	.	0.0%
- Pediatric Otolaryngology	12	11	11	.	0.0%
- Pain Medicine	286	297	297	.	0.8%
- Hospice and Palliative Medicine	78	36	36	.	0.1%
Pathology-anatomic and clinical	2,349	579	579	.	1.5%
- Blood Banking/Transfusion Medicine	46	38	38	.	0.1%
- Chemical Pathology	2	2	2	.	0.0%
- Cytopathology	136	125	125	.	0.3%
- Forensic Pathology	36	35	35	.	0.1%
- Hematology	116	116	116	.	0.3%
- Medical Microbiology	11	2	2	.	0.0%
- Neuropathology	44	19	19	.	0.0%
- Pediatric Pathology	25	24	24	.	0.1%
- Selective Pathology	130	131	131	.	0.3%
Pediatrics	8,159	2,694	2,561	133	7.1%
- Adolescent Medicine	66	17	17	.	0.0%
- Neonatal-Perinatal Medicine	607	186	186	.	0.5%
- Pediatric Cardiology	326	87	87	.	0.2%
- Pediatric Critical Care Medicine	350	111	111	.	0.3%
- Pediatric Emergency Medicine	268	90	90	.	0.2%
- Pediatric Endocrinology	230	69	69	.	0.2%
- Pediatric Gastroenterology	222	68	68	.	0.2%
- Pediatric Hematology/Oncology	378	110	110	.	0.3%
- Pediatric Infectious Diseases	170	52	52	.	0.1%
- Pediatric Nephrology	103	38	38	.	0.1%
- Pediatric Pulmonology	137	36	36	.	0.1%
- Pediatric Rheumatology	71	25	25	.	0.1%

Note: Counts reflect residents completing training between 9/1/2007 and 8/31/2008 .

## Number of Residents Completing Training, by Specialty

...continued					
Specialty	Total Number of Residents	Number of Completing Residents	Residents Completing All Accredited Training	Residents Completing Preliminary Training	Percentage of the Completing Residents who are in this Specialty
- Pediatric Sports Medicine	13	9	9	.	0.0%
- Developmental-Behavioral Pediatrics	70	26	26	.	0.1%
- Pediatric transplant hepatology	2	.	.	.	.
Physical medicine and rehabilitation	1,214	375	375	.	1.0%
- Pediatric Rehabilitation	13	6	6	.	0.0%
- Spinal Cord Injury Medicine	12	16	16	.	0.0%
Plastic surgery	353	189	189	.	0.5%
Plastic Surgery - Integrated	312	1	1	.	0.0%
- Craniofacial Surgery	3	2	2	.	0.0%
- Hand Surgery	18	15	15	.	0.0%
Preventive medicine	316	197	197	.	0.5%
- Medical Toxicology	7	2	2	.	0.0%
- Undersea and Hyperbaric Medicine	2	1	1	.	0.0%
Psychiatry	4,800	959	959	.	2.5%
- Addiction Psychiatry	49	46	46	.	0.1%
- Child and Adolescent Psychiatry	781	370	370	.	1.0%
- Forensic Psychiatry	69	73	73	.	0.2%
- Geriatric Psychiatry	63	79	79	.	0.2%
- Psychosomatic Medicine	52	49	49	.	0.1%
Radiation oncology	595	148	148	.	0.4%
Radiology-diagnostic	4,490	1,087	1,087	.	2.9%
- Abdominal Radiology	44	43	43	.	0.1%
- Cardiothoracic Radiology	3	2	2	.	0.0%
- Endovascular surgical neuroradiology	5	6	6	.	0.0%
- Musculoskeletal Radiology	26	26	26	.	0.1%
- Neuroradiology	231	220	220	.	0.6%
- Nuclear Radiology	8	12	12	.	0.0%
- Pediatric Radiology	58	58	58	.	0.2%
- Vascular and Interventional Radiology	164	169	169	.	0.4%
- Sleep Medicine	130	108	108	.	0.3%
Surgery	7,340	2,480	1,027	1,453	6.5%
- Hand Surgery	6	8	8	.	0.0%
- Pediatric Surgery	70	29	29	.	0.1%
- Surgical Critical Care	154	138	138	.	0.4%
- Vascular Surgery	238	96	96	.	0.3%
- Vascular surgery - Integrated	17	.	.	.	.
Thoracic surgery	223	111	111	.	0.3%
- Congenital Cardiac Surgery	5	1	1	.	0.0%
Thoracic Surgery - Integrated	5	.	.	.	.
Urology	1,035	236	236	.	0.6%
- Pediatric Urology	21	14	14	.	0.0%
Transitional year	1,233	1,190	1,190	.	3.1%
Internal Medicine/Pediatrics	1,385	341	341	.	0.9%

Note: Counts reflect residents completing training between 9/1/2007 and 8/31/2008 .

**Number of Residents Not Completing Program, by Specialty**

				Non-Completion Status		
				Dismissed	Transferred	Withdrew
Specialty	Number of All Residents	Number of Residents Not Completing	Percent of Residents in Specialty Not Completing	#	#	#
OVERALL	109,482	2,876	2.6%	279	1,532	1,065
Allergy and immunology	292	2	0.7%	.	1	1
- Adult Cardiothoracic Anesthesiology	109	3	2.8%	.	.	3
Anesthesiology	5,399	106	2.0%	11	47	48
- Critical Care Medicine	80	3	3.8%	.	.	3
- Pediatric Anesthesiology	136	5	3.7%	.	.	5
Colon and rectal surgery	77	1	1.3%	1	.	.
Dermatology	1,123	8	0.7%	.	7	1
- Dermatopathology	80	0	0.0%	.	.	.
- Procedural Dermatology	34	0	0.0%	.	.	.
Emergency medicine	4,763	52	1.1%	6	22	24
- Medical Toxicology	48	2	4.2%	.	.	2
- Pediatric Emergency Medicine	59	1	1.7%	.	.	1
- Sports Medicine	7	0	0.0%	.	.	.
- Undersea and Hyperbaric Medicine	4	0	0.0%	.	.	.
Family medicine	9,651	381	3.9%	60	171	150
- Geriatric Medicine	63	0	0.0%	.	.	.
- Sports Medicine	157	1	0.6%	.	.	1
Internal medicine	22,477	390	1.7%	64	200	126
- Cardiovascular Disease	2,415	18	0.7%	2	10	6
- Clinical Cardiac Electrophysiology	170	2	1.2%	.	.	2
- Critical Care Medicine	154	8	5.2%	.	6	2
- Endocrinology, Diabetes, and Metabolism	534	8	1.5%	.	2	6
- Gastroenterology	1,319	9	0.7%	1	6	2
- Geriatric Medicine	284	6	2.1%	.	.	6
- Hematology	38	2	5.3%	.	2	.
- Hematology and Oncology	1,392	16	1.1%	1	7	8
- Infectious Disease	707	8	1.1%	.	.	8
- Interventional Cardiology	291	1	0.3%	.	.	1
- Nephrology	850	7	0.8%	.	.	7
- Oncology	106	1	0.9%	.	.	1
- Pulmonary Disease	79	1	1.3%	.	1	.
- Pulmonary Disease and Critical Care	1,285	15	1.2%	2	6	7
- Rheumatology	397	3	0.8%	.	2	1
- Transplant hepatology	19	0	0.0%	.	.	.
Medical genetics	79	5	6.3%	.	.	5
- Molecular Genetic Pathology	27	1	3.7%	.	.	1
- Medical biochemical genetics	4	0	0.0%	.	.	.
Neurological surgery	857	26	3.0%	5	10	11
- Endovascular surgical neuroradiology	2	0	0.0%	.	.	.
Neurology	1,795	48	2.7%	5	27	16
- Child Neurology	283	9	3.2%	1	1	7
- Clinical Neurophysiology	198	2	1.0%	.	.	2

## Number of Residents Not Completing Program, by Specialty

...continued						
				Non-Completion Status		
				Dismissed	Transferred	Withdrew
Specialty	Number of All Residents	Number of Residents Not Completing	Percent of Residents in Specialty Not Completing	#	#	#
- Endovascular surgical neuroradiology	2	0	0.0%	.	.	.
- Neuromuscular Medicine	31	0	0.0%	.	.	.
- Neurodevelopmental Disabilities	13	0	0.0%	.	.	.
- Vascular Neurology	50	2	4.0%	.	.	2
Nuclear medicine	149	23	15.4%	2	12	9
Obstetrics and gynecology	4,805	168	3.5%	15	91	62
Ophthalmology	1,373	13	0.9%	2	3	8
Orthopaedic surgery	3,328	31	0.9%	6	15	10
- Adult Reconstructive Orthopaedics	36	2	5.6%	.	.	2
- Foot and Ankle Orthopaedics	20	0	0.0%	.	.	.
- Hand Surgery	118	2	1.7%	.	.	2
- Musculoskeletal Oncology	15	0	0.0%	.	.	.
- Orthopaedic Sports Medicine	201	1	0.5%	1	.	.
- Orthopaedic Surgery of the Spine	32	1	3.1%	.	.	1
- Orthopaedic Trauma	14	0	0.0%	.	.	.
- Pediatric Orthopaedics	29	0	0.0%	.	.	.
Otolaryngology	1,407	20	1.4%	2	6	12
- Neurotology	22	0	0.0%	.	.	.
- Pediatric Otolaryngology	12	0	0.0%	.	.	.
- Pain Medicine	286	4	1.4%	.	1	3
- Hospice and Palliative Medicine	78	4	5.1%	.	1	3
Pathology-anatomic and clinical	2,349	97	4.1%	1	48	48
- Blood Banking/Transfusion Medicine	46	2	4.3%	.	1	1
- Chemical Pathology	2	0	0.0%	.	.	.
- Cytopathology	136	2	1.5%	.	.	2
- Forensic Pathology	36	3	8.3%	1	1	1
- Hematology	116	0	0.0%	.	.	.
- Medical Microbiology	11	0	0.0%	.	.	.
- Neuropathology	44	4	9.1%	1	1	2
- Pediatric Pathology	25	1	4.0%	.	1	.
- Selective Pathology	130	1	0.8%	.	.	1
Pediatrics	8,159	164	2.0%	12	104	48
- Adolescent Medicine	66	1	1.5%	.	.	1
- Neonatal-Perinatal Medicine	607	21	3.5%	1	8	12
- Pediatric Cardiology	326	9	2.8%	.	1	8
- Pediatric Critical Care Medicine	350	13	3.7%	.	5	8
- Pediatric Emergency Medicine	268	5	1.9%	1	2	2
- Pediatric Endocrinology	230	7	3.0%	.	2	5
- Pediatric Gastroenterology	222	6	2.7%	.	5	1
- Pediatric Hematology/Oncology	378	8	2.1%	.	3	5
- Pediatric Infectious Diseases	170	6	3.5%	.	1	5
- Pediatric Nephrology	103	2	1.9%	.	.	2
- Pediatric Pulmonology	137	6	4.4%	.	3	3

**Number of Residents Not Completing Program, by Specialty**

...continued						
				Non-Completion Status		
				Dismissed	Transferred	Withdrew
Specialty	Number of All Residents	Number of Residents Not Completing	Percent of Residents in Specialty Not Completing	#	#	#
- Pediatric Rheumatology	71	5	7.0%	.	.	5
- Pediatric Sports Medicine	13	0	0.0%	.	.	.
- Developmental-Behavioral Pediatrics	70	4	5.7%	.	.	4
- Pediatric transplant hepatology	2	0	0.0%	.	.	.
Physical medicine and rehabilitation	1,214	23	1.9%	2	9	12
- Pediatric Rehabilitation	13	1	7.7%	.	.	1
- Spinal Cord Injury Medicine	12	1	8.3%	.	.	1
Plastic surgery	353	8	2.3%	1	1	6
Plastic Surgery - Integrated	312	0	0.0%	.	.	.
- Craniofacial Surgery	3	0	0.0%	.	.	.
- Hand Surgery	18	3	16.7%	2	.	1
Preventive medicine	316	12	3.8%	2	1	9
- Medical Toxicology	7	1	14.3%	.	.	1
- Undersea and Hyperbaric Medicine	2	0	0.0%	.	.	.
Psychiatry	4,800	453	9.4%	29	370	54
- Addiction Psychiatry	49	2	4.1%	.	.	2
- Child and Adolescent Psychiatry	781	22	2.8%	5	6	11
- Forensic Psychiatry	69	1	1.4%	.	.	1
- Geriatric Psychiatry	63	2	3.2%	.	.	2
- Psychosomatic Medicine	52	0	0.0%	.	.	.
Radiation oncology	595	7	1.2%	.	5	2
Radiology-diagnostic	4,490	77	1.7%	1	38	38
- Abdominal Radiology	44	1	2.3%	.	.	1
- Cardiothoracic Radiology	3	0	0.0%	.	.	.
- Endovascular surgical neuroradiology	5	0	0.0%	.	.	.
- Musculoskeletal Radiology	26	0	0.0%	.	.	.
- Neuroradiology	231	2	0.9%	.	.	2
- Nuclear Radiology	8	0	0.0%	.	.	.
- Pediatric Radiology	58	2	3.4%	.	1	1
- Vascular and Interventional Radiology	164	4	2.4%	.	.	4
- Sleep Medicine	130	2	1.5%	.	.	2
Surgery	7,340	374	5.1%	23	212	139
- Hand Surgery	6	0	0.0%	.	.	.
- Pediatric Surgery	70	0	0.0%	.	.	.
- Surgical Critical Care	154	3	1.9%	.	.	3
- Vascular Surgery	238	6	2.5%	2	.	4
- Vascular surgery - Integrated	17	1	5.9%	.	.	1
Thoracic surgery	223	9	4.0%	.	3	6
- Congenital Cardiac Surgery	5	0	0.0%	.	.	.
Thoracic Surgery - Integrated	5	0	0.0%	.	.	.
Urology	1,035	19	1.8%	1	8	10
- Pediatric Urology	21	1	4.8%	.	.	1
Transitional year	1,233	12	1.0%	1	8	3
Internal Medicine/Pediatrics	1,385	38	2.7%	6	27	5

## Number of Residents Completing All Accredited Training, by State

State Name	State Abbreviation	Population - Census 2000	Number of Residents	Residents Completing All Accredited Training	Graduates per 100,000 in Population
OVERALL	--	285,230,516	109,482	34,314	12.03
Alabama	AL	4,447,100	1,201	412	9.26
Alaska	AK	626,932	35	8	1.28
Arizona	AZ	5,130,632	1,296	377	7.35
Arkansas	AR	2,673,400	703	217	8.12
California	CA	33,871,648	9,658	3,018	8.91
Colorado	CO	4,301,261	1,135	346	8.04
Connecticut	CT	3,405,565	2,010	637	18.70
Delaware	DE	783,600	306	91	11.61
District of Columbia	DC	572,059	1,831	563	98.42
Florida	FL	15,982,378	3,331	1,008	6.31
Georgia	GA	8,186,453	2,044	675	8.25
Hawaii	HI	1,211,537	415	127	10.48
Idaho	ID	1,293,953	50	16	1.24
Illinois	IL	12,419,293	5,728	1,810	14.57
Indiana	IN	6,080,485	1,278	435	7.15
Iowa	IA	2,926,324	816	253	8.65
Kansas	KS	2,688,418	694	186	6.92
Kentucky	KY	4,041,769	1,119	304	7.52
Louisiana	LA	4,468,976	1,666	428	9.58
Maine	ME	1,274,923	295	78	6.12
Maryland	MD	5,296,486	2,632	879	16.60
Massachusetts	MA	6,349,097	5,195	1,710	26.93
Michigan	MI	9,938,444	4,574	1,496	15.05
Minnesota	MN	4,919,479	2,144	683	13.88
Mississippi	MS	2,844,658	495	136	4.78
Missouri	MO	5,595,211	2,514	796	14.23
Montana	MT	902,195	20	6	0.67
Nebraska	NE	1,711,263	641	176	10.28
Nevada	NV	1,998,257	242	71	3.55
New Hampshire	NH	1,235,786	368	121	9.79
New Jersey	NJ	8,414,350	2,731	824	9.79
New Mexico	NM	1,819,046	534	170	9.35
New York	NY	18,976,457	15,821	4,985	26.27
North Carolina	NC	8,049,313	2,817	865	10.75
North Dakota	ND	642,200	107	36	5.61
Ohio	OH	11,353,140	5,293	1,668	14.69
Oklahoma	OK	3,450,654	735	200	5.80
Oregon	OR	3,421,399	805	243	7.10
Pennsylvania	PA	12,281,054	7,236	2,345	19.09
Puerto Rico	PR	3,808,610	801	257	6.75
Rhode Island	RI	1,048,319	725	223	21.27
South Carolina	SC	4,012,012	1,115	326	8.13
South Dakota	SD	754,844	97	33	4.37
Tennessee	TN	5,689,283	2,089	616	10.83
Texas	TX	20,851,820	6,993	2,184	10.47
Utah	UT	2,233,169	687	192	8.60
Vermont	VT	608,827	259	81	13.30
Virginia	VA	7,078,515	2,229	723	10.21
Washington	WA	5,894,121	1,652	536	9.09
West Virginia	WV	1,808,344	620	197	10.89
Wisconsin	WI	5,363,675	1,660	539	10.05
Wyoming	WY	493,782	40	8	1.62

Note: Counts reflect residents completing training between 9/1/2007 and 8/31/2008.



# NOTES

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