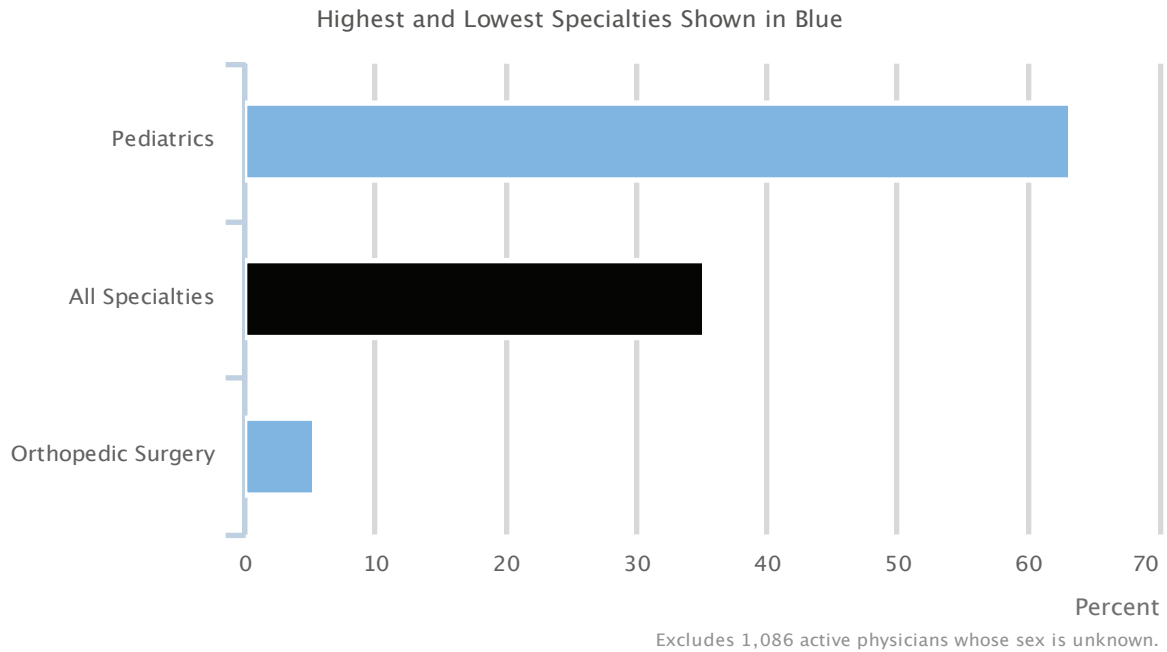
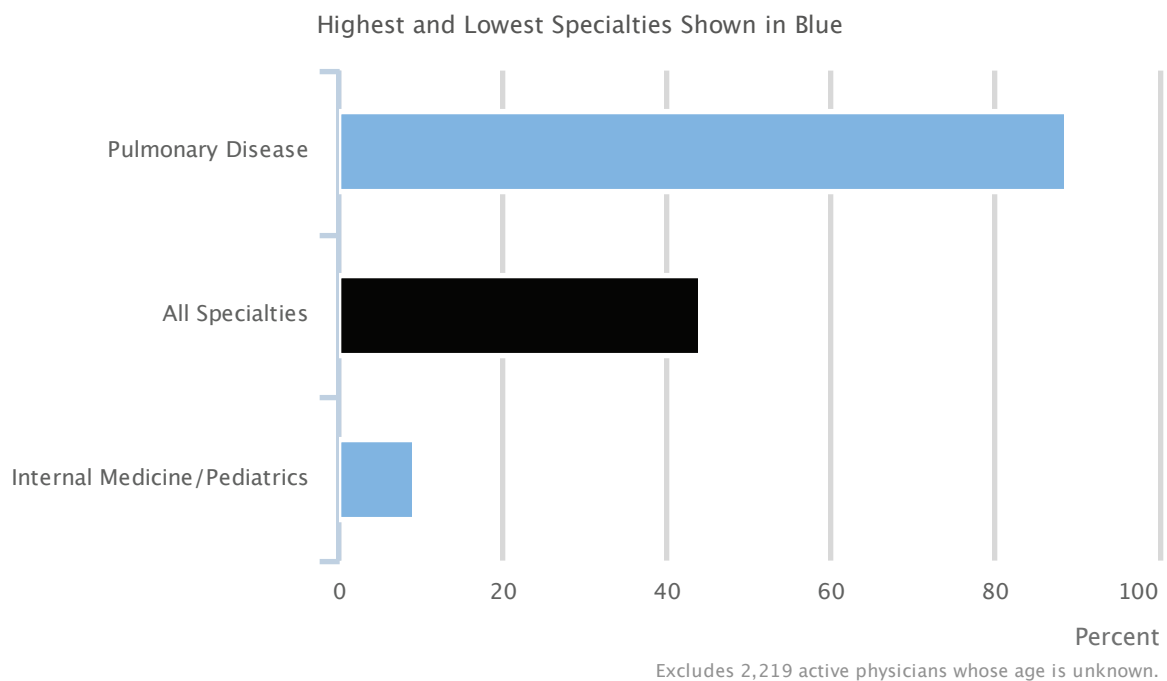


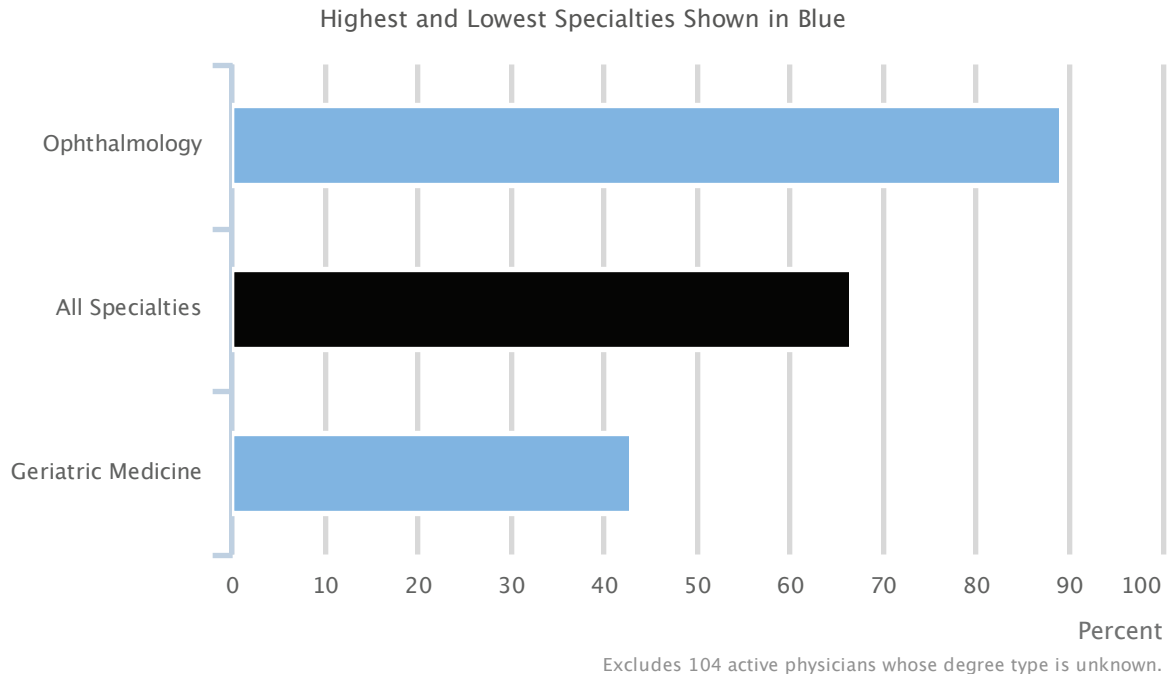
Percentage of Active Physicians Who Are Female by Specialty, 2017



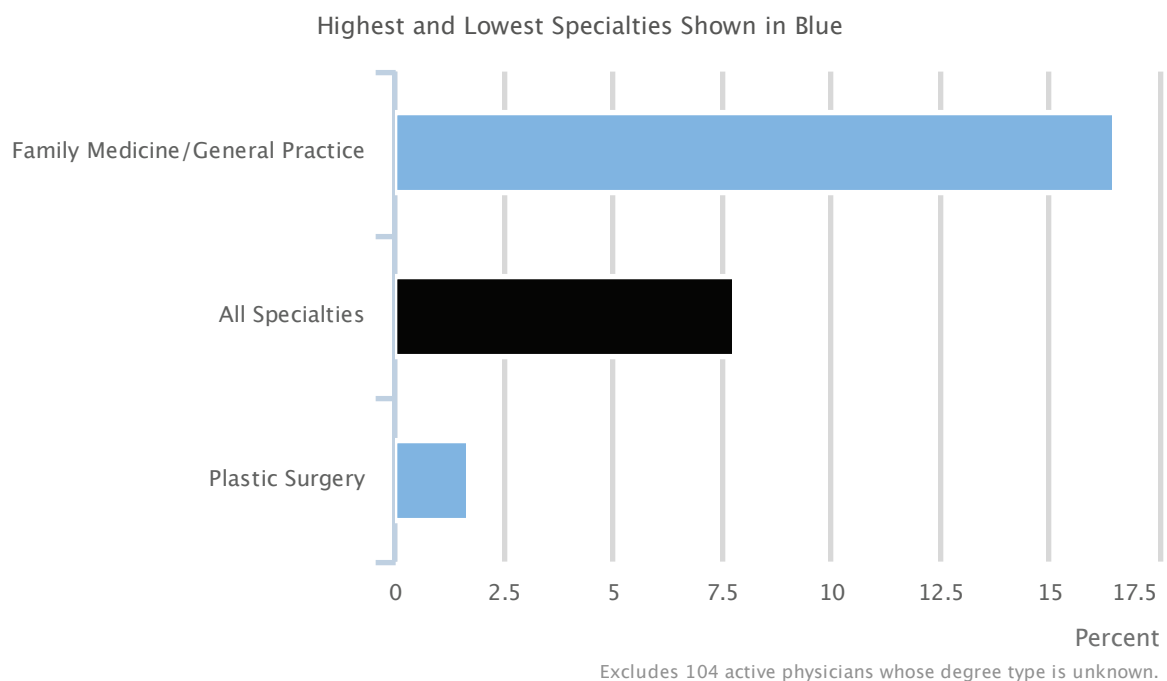
Percentage of Active Physicians Who Are Age 55 or Older by Specialty, 2017



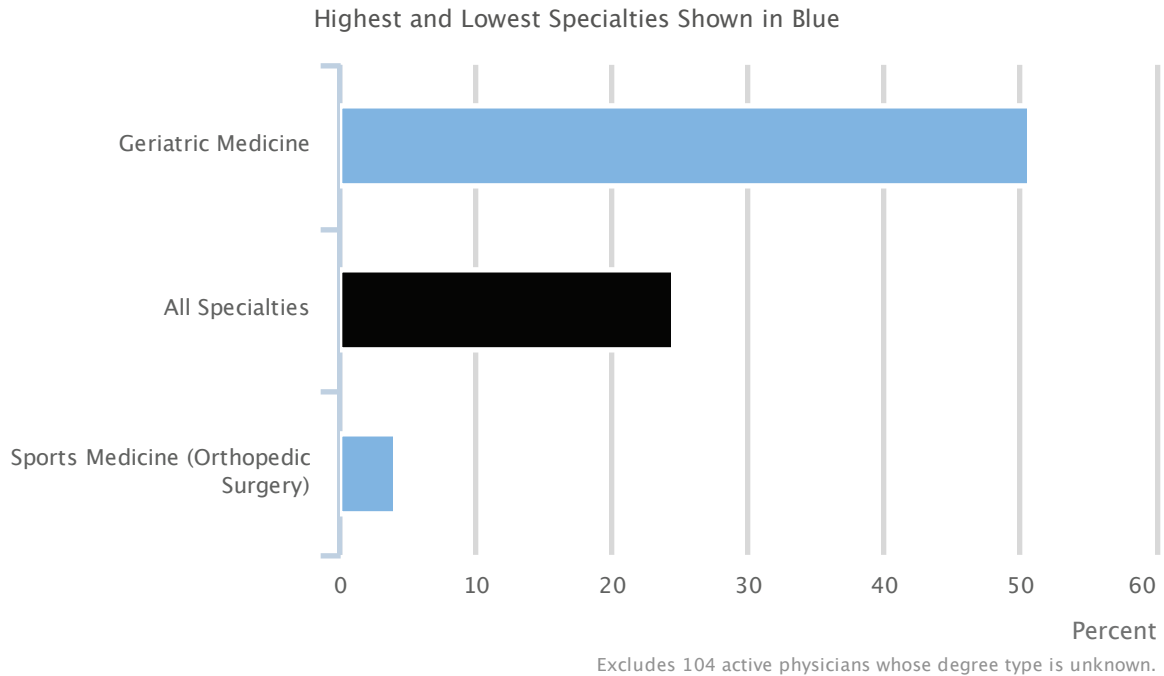
Percentage of Active Physicians with a U.S. MD Degree by Specialty, 2017



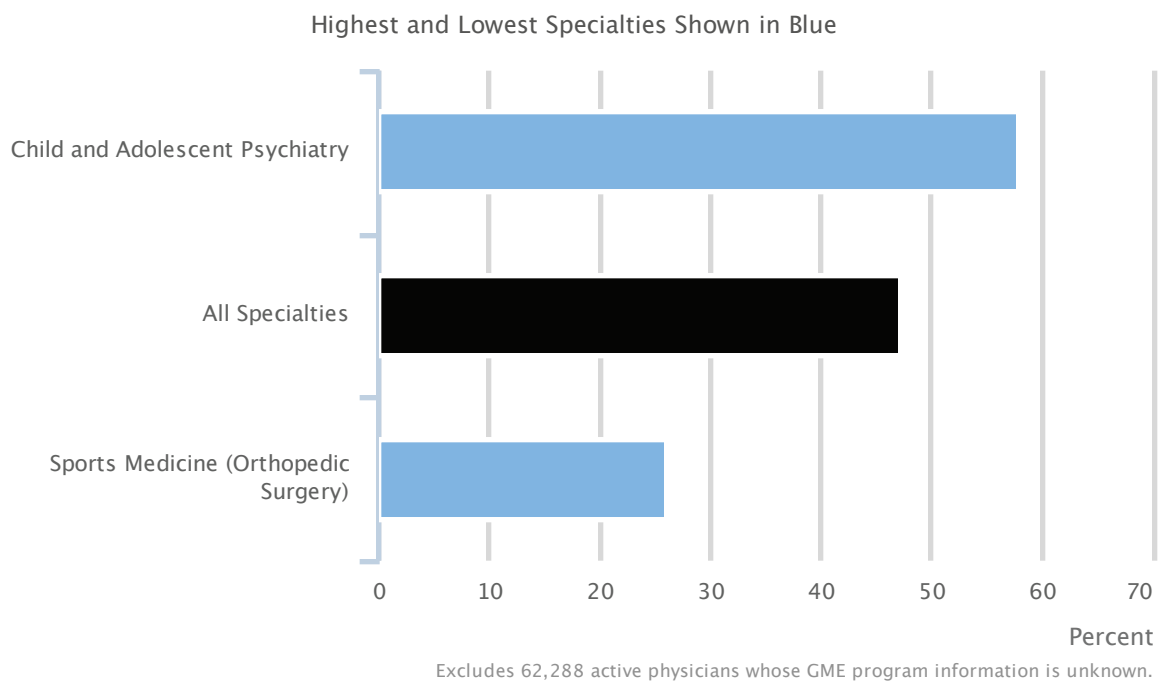
Percentage of Active Physicians with a DO Degree by Specialty, 2017



Percentage of Active Physicians Who Are IMGs by Specialty, 2017

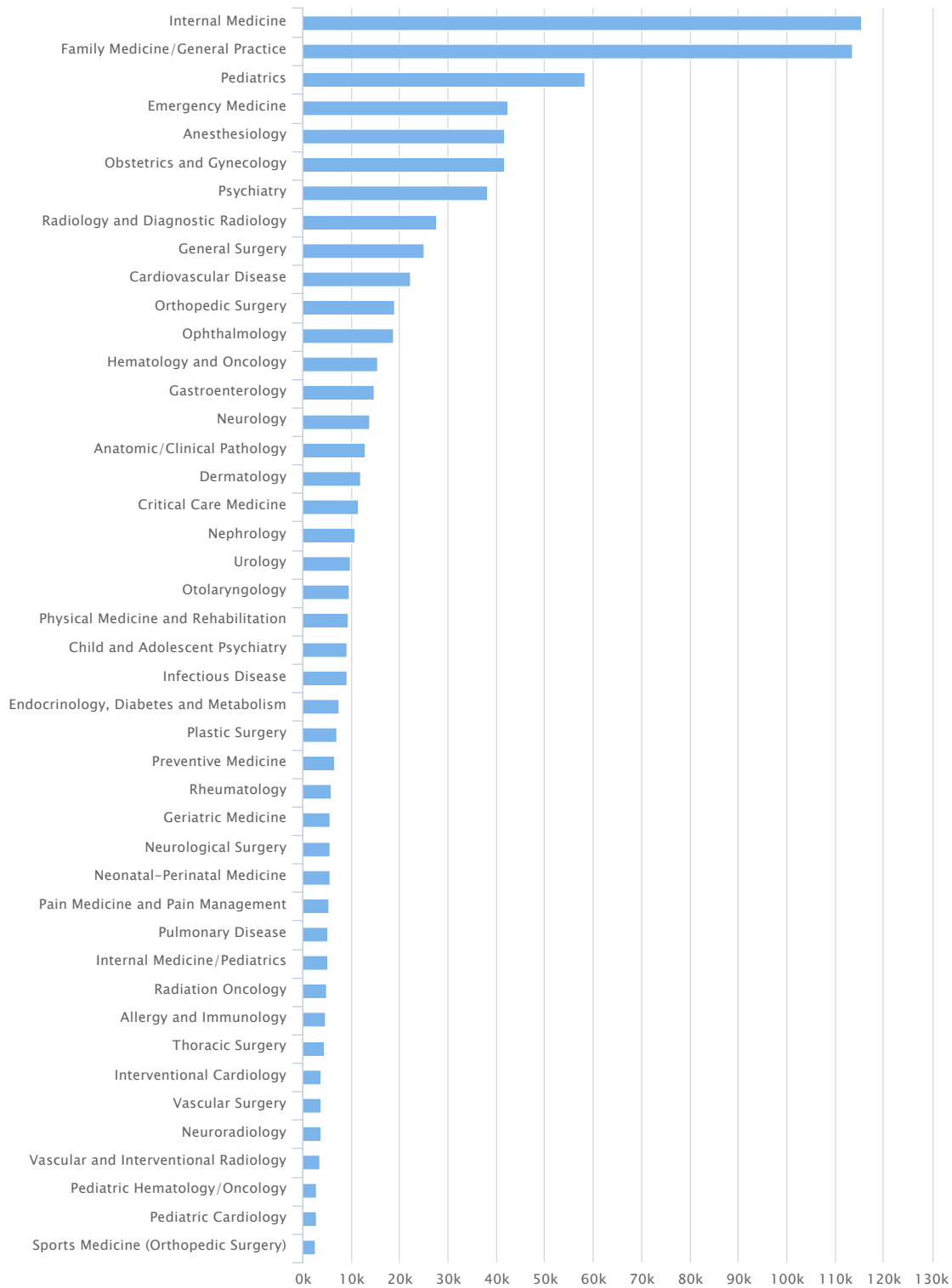


Percentage of Active Physicians Practicing in the State Where They Completed GME by Specialty, 2017



Active Physicians in the Largest Specialties, 2017

Figure 1.1. Specialties with the Largest Number of Active Physicians, 2017



Source: AMA Physician Masterfile (December 2017).

The functionality of the chart may vary across devices and browsers.

Table 1.1. Number of Active Physicians in the Largest Specialties by Major Professional Activity, 2017

Specialty	Total Active Physicians	Patient Care	Teaching	Research	Other ¹
All Specialties	892,856	782,585	12,547	12,838	84,886
Allergy and Immunology	4,774	4,132	55	274	313
Anatomic/Clinical Pathology	12,839	9,130	388	528	2,793
Anesthesiology	41,762	38,960	553	187	2,062
Cardiovascular Disease	22,211	20,303	299	584	1,025
Child and Adolescent Psychiatry	9,204	8,181	135	110	778
Critical Care Medicine	11,559	9,932	178	111	1,338
Dermatology	12,051	11,338	97	100	516
Emergency Medicine	42,348	38,964	469	96	2,819
Endocrinology, Diabetes and Metabolism	7,495	6,045	158	542	750
Family Medicine/General Practice	113,514	104,937	1,622	253	6,702
Gastroenterology	14,747	13,488	186	292	781
General Surgery	25,042	21,644	262	139	2,997
Geriatric Medicine	5,598	4,733	112	107	646
Hematology and Oncology	15,410	12,926	245	891	1,348
Infectious Disease	9,136	7,012	293	710	1,121
Internal Medicine	115,557	101,953	1,414	1,475	10,715
Internal Medicine/Pediatrics	5,122	4,581	74	28	439
Interventional Cardiology	3,847	3,475	23	6	343
Neonatal-Perinatal Medicine	5,530	4,657	137	179	557
Nephrology	10,798	9,462	139	324	873
Neurological Surgery	5,531	5,053	50	32	396
Neurology	13,717	11,674	244	638	1,161
Neuroradiology	3,682	3,160	62	7	453
Obstetrics and Gynecology	41,656	38,850	503	192	2,111
Ophthalmology	18,817	17,488	155	127	1,047
Orthopedic Surgery	19,001	18,069	118	57	757
Otolaryngology	9,526	8,932	93	23	478
Pain Medicine and Pain Management	5,345	5,003	38	9	295
Pediatric Cardiology	2,733	2,242	74	65	352
Pediatric Hematology/Oncology	2,794	2,041	79	210	464
Pediatrics	58,435	52,824	841	662	4,108
Physical Medicine and Rehabilitation	9,343	8,532	68	38	705
Plastic Surgery	7,142	6,813	52	19	258

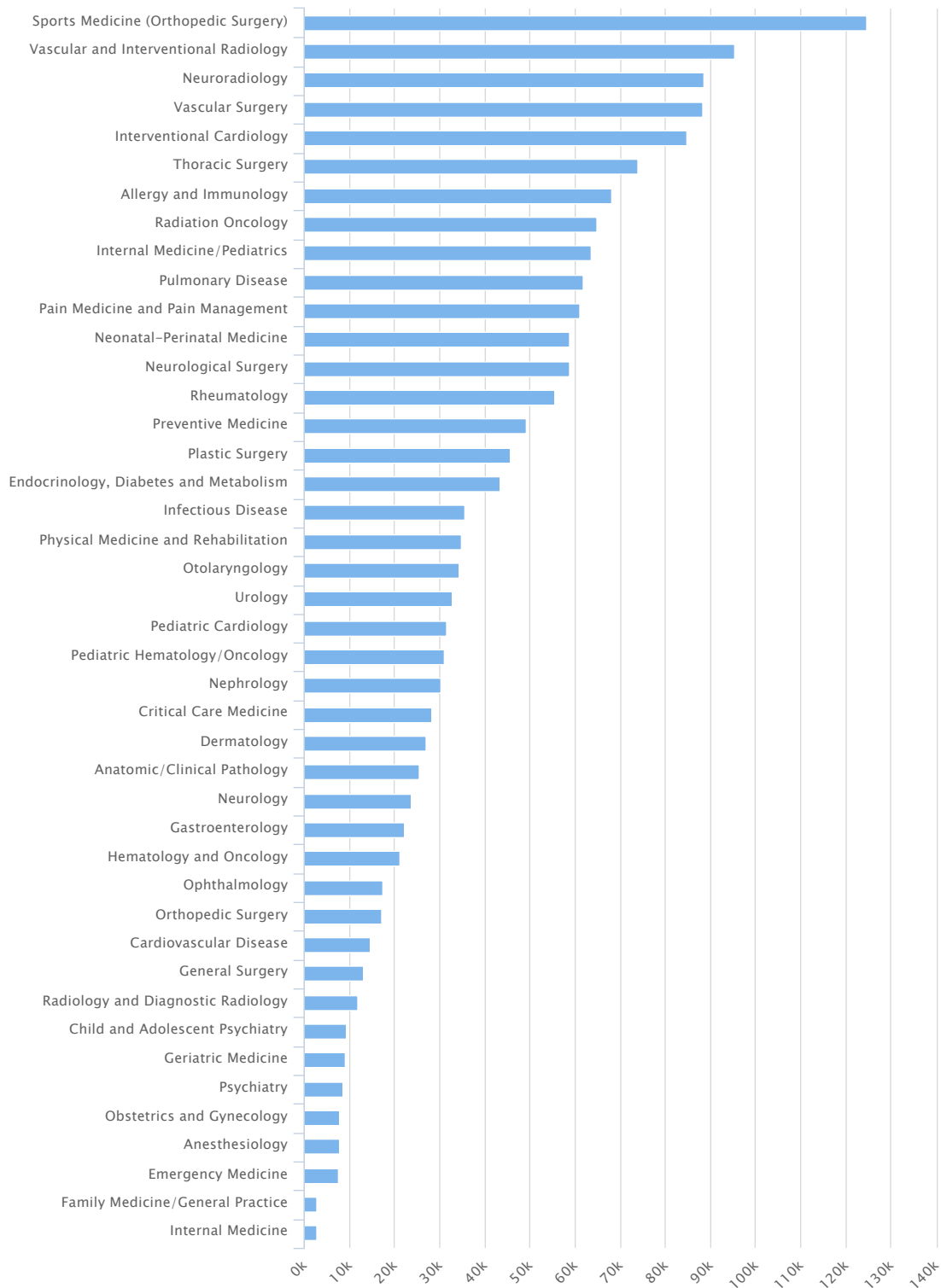
Specialty	Total Active Physicians	Patient Care	Teaching	Research	Other
Preventive Medicine	6,613	4,123	144	464	1,882
Psychiatry	38,205	33,364	573	752	3,516
Pulmonary Disease	5,265	4,640	136	299	190
Radiation Oncology	5,029	4,628	57	33	311
Radiology and Diagnostic Radiology	27,719	24,682	418	153	2,466
Rheumatology	5,881	5,029	107	259	486
Sports Medicine (Orthopedic Surgery)	2,612	2,457	9	0	146
Thoracic Surgery	4,411	4,052	49	43	267
Urology	9,921	9,374	78	39	430
Vascular and Interventional Radiology	3,416	3,011	26	3	376
Vascular Surgery	3,688	3,384	49	14	241

Source: AMA Physician Masterfile (December 2017).

¹ Includes physicians whose self-designated major professional activity was "Administration," "Not Classified," or "Other."

Number of People per Active Physician by Specialty, 2017

Figure 1.2. Number of People per Active Physician by Specialty, 2017



Source: AMA Physician Masterfile (December 2017) and Annual Estimates of the Resident Population by Single Year of Age and Sex for the United States: April 1, 2010, to July 1, 2017, from the U.S. Census Bureau, Population Division. Release date: April 2018. Note: The population under age 21 was used in calculations for Pediatrics, Child and Adolescent Psychiatry, Pediatric Hematology/Oncology, and Pediatric Cardiology. The population over age 64 was used in calculations for Geriatric Medicine.

The functionality of the chart may vary across devices and browsers.

Table 1.2. Number of People per Active Physician by Specialty, 2017

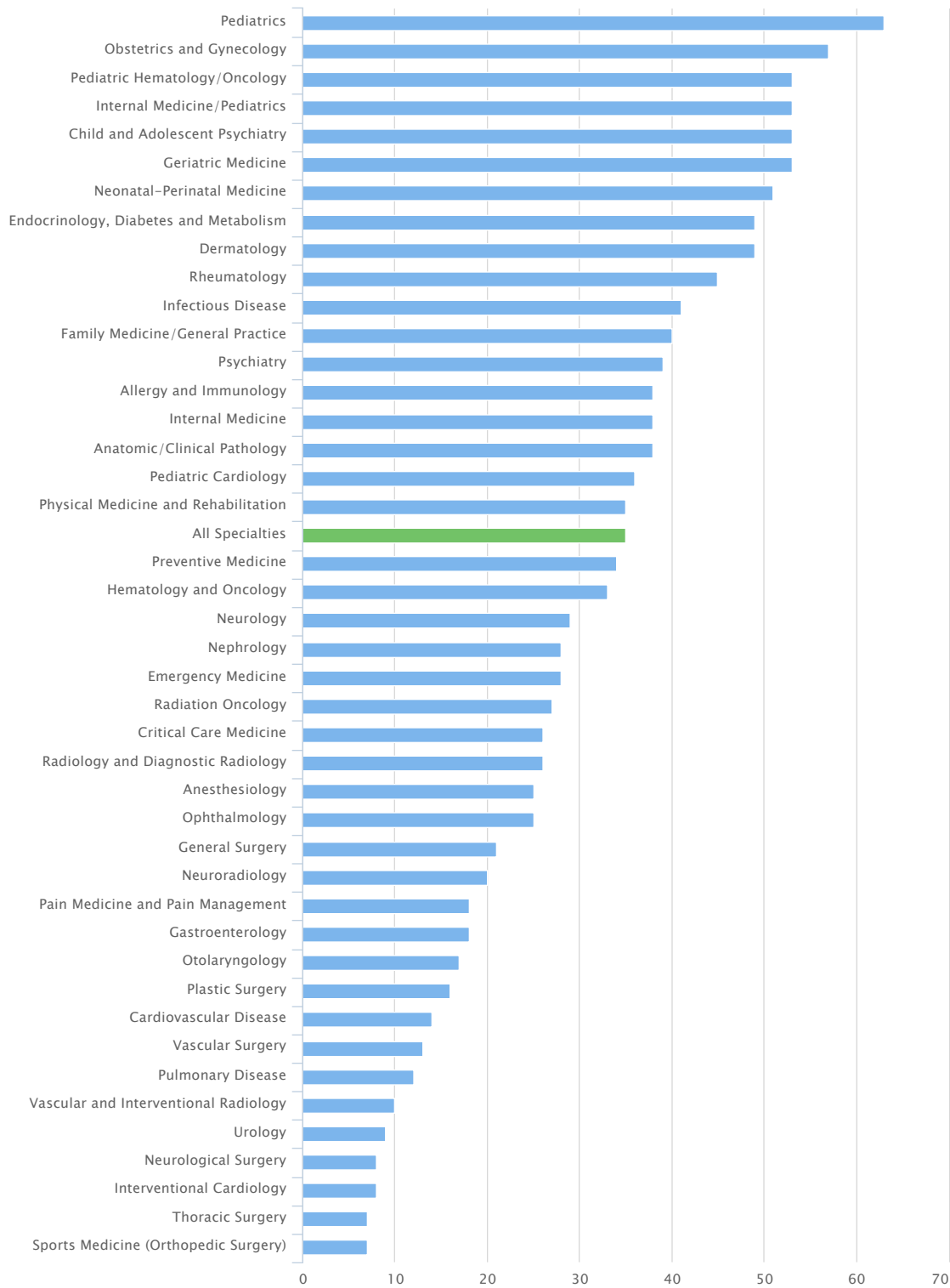
Specialty	Total Active Physicians	People Per Physician
All Specialties	892,856	365
Allergy and Immunology	4,774	68,228
Anatomic/Clinical Pathology	12,839	25,370
Anesthesiology	41,762	7,799
Cardiovascular Disease	22,211	14,665
Child and Adolescent Psychiatry	9,204	9,390
Critical Care Medicine	11,559	28,179
Dermatology	12,051	27,028
Emergency Medicine	42,348	7,691
Endocrinology, Diabetes and Metabolism	7,495	43,458
Family Medicine/General Practice	113,514	2,869
Gastroenterology	14,747	22,087
General Surgery	25,042	13,007
Geriatric Medicine	5,598	9,085
Hematology and Oncology	15,410	21,137
Infectious Disease	9,136	35,652
Internal Medicine	115,557	2,819
Internal Medicine/Pediatrics	5,122	63,592
Interventional Cardiology	3,847	84,668
Neonatal-Perinatal Medicine	5,530	58,900
Nephrology	10,798	30,165
Neurological Surgery	5,531	58,890
Neurology	13,717	23,746
Neuroradiology	3,682	88,463
Obstetrics and Gynecology	41,656	7,819
Ophthalmology	18,817	17,310
Orthopedic Surgery	19,001	17,142
Otolaryngology	9,526	34,193
Pain Medicine and Pain Management	5,345	60,939
Pediatric Cardiology	2,733	31,625
Pediatric Hematology/Oncology	2,794	30,934
Pediatrics	58,435	1,479
Physical Medicine and Rehabilitation	9,343	34,862
Plastic Surgery	7,142	45,606
Preventive Medicine	6,613	49,254
Psychiatry	38,205	8,526

Specialty	Total Active Physicians	People Per Physician
Pulmonary Disease	5,265	61,865
Radiation Oncology	5,029	64,768
Radiology and Diagnostic Radiology	27,719	11,751
Rheumatology	5,881	55,385
Sports Medicine (Orthopedic Surgery)	2,612	124,701
Thoracic Surgery	4,411	73,842
Urology	9,921	32,831
Vascular and Interventional Radiology	3,416	95,351
Vascular Surgery	3,688	88,319

Source: AMA Physician Masterfile (December 2017) and Annual Estimates of the Resident Population by Single Year of Age and Sex for the United States: April 1, 2010, to July 1, 2017, from the U.S. Census Bureau, Population Division. Release date: April 2018. Note: The population under age 21 was used in calculations for Pediatrics, Child and Adolescent Psychiatry, Pediatric Hematology/Oncology, and Pediatric Cardiology. The population over age 64 was used in calculations for Geriatric Medicine.

Active Physicians by Sex and Specialty, 2017

Figure 1.3. Percentage of Active Physicians Who Are Female by Specialty, 2017



Source: AMA Physician Masterfile (December 2017).

Note: Excludes 1,086 active physicians whose sex is unknown.

The functionality of the chart may vary across devices and browsers.

Table 1.3. Number and Percentage of Active Physicians by Sex and Specialty, 2017

Specialty	Total Active Physicians	Male		Female	
		Number	Percent	Number	Percent
All Specialties	891,770	577,962	64.8	313,808	35.2
Allergy and Immunology	4,772	2,939	61.6	1,833	38.4
Anatomic/Clinical Pathology	12,830	7,983	62.2	4,847	37.8
Anesthesiology	41,718	31,094	74.5	10,624	25.5
Cardiovascular Disease	22,192	19,054	85.9	3,138	14.1
Child and Adolescent Psychiatry	9,199	4,350	47.3	4,849	52.7
Critical Care Medicine	11,542	8,529	73.9	3,013	26.1
Dermatology	12,040	6,151	51.1	5,889	48.9
Emergency Medicine	42,315	30,657	72.4	11,658	27.6
Endocrinology, Diabetes and Metabolism	7,483	3,815	51.0	3,668	49.0
Family Medicine/General Practice	113,346	68,004	60.0	45,342	40.0
Gastroenterology	14,728	12,135	82.4	2,593	17.6
General Surgery	25,022	19,865	79.4	5,157	20.6
Geriatric Medicine	5,592	2,653	47.4	2,939	52.6
Hematology and Oncology	15,390	10,268	66.7	5,122	33.3
Infectious Disease	9,122	5,369	58.9	3,753	41.1
Internal Medicine	115,347	71,577	62.1	43,770	37.9
Internal Medicine/Pediatrics	5,120	2,416	47.2	2,704	52.8
Interventional Cardiology	3,840	3,546	92.3	294	7.7
Neonatal-Perinatal Medicine	5,526	2,700	48.9	2,826	51.1
Nephrology	10,785	7,728	71.7	3,057	28.3
Neurological Surgery	5,528	5,065	91.6	463	8.4
Neurology	13,703	9,674	70.6	4,029	29.4
Neuroradiology	3,676	2,958	80.5	718	19.5
Obstetrics and Gynecology	41,619	17,879	43.0	23,740	57.0
Ophthalmology	18,808	14,041	74.7	4,767	25.3
Orthopedic Surgery	18,997	17,981	94.7	1,016	5.3
Otolaryngology	9,520	7,890	82.9	1,630	17.1
Pain Medicine and Pain Management	5,332	4,350	81.6	982	18.4
Pediatric Cardiology	2,729	1,750	64.1	979	35.9
Pediatric Hematology/Oncology	2,791	1,302	46.6	1,489	53.4
Pediatrics	58,382	21,437	36.7	36,945	63.3
Physical Medicine and Rehabilitation	9,316	6,032	64.7	3,284	35.3

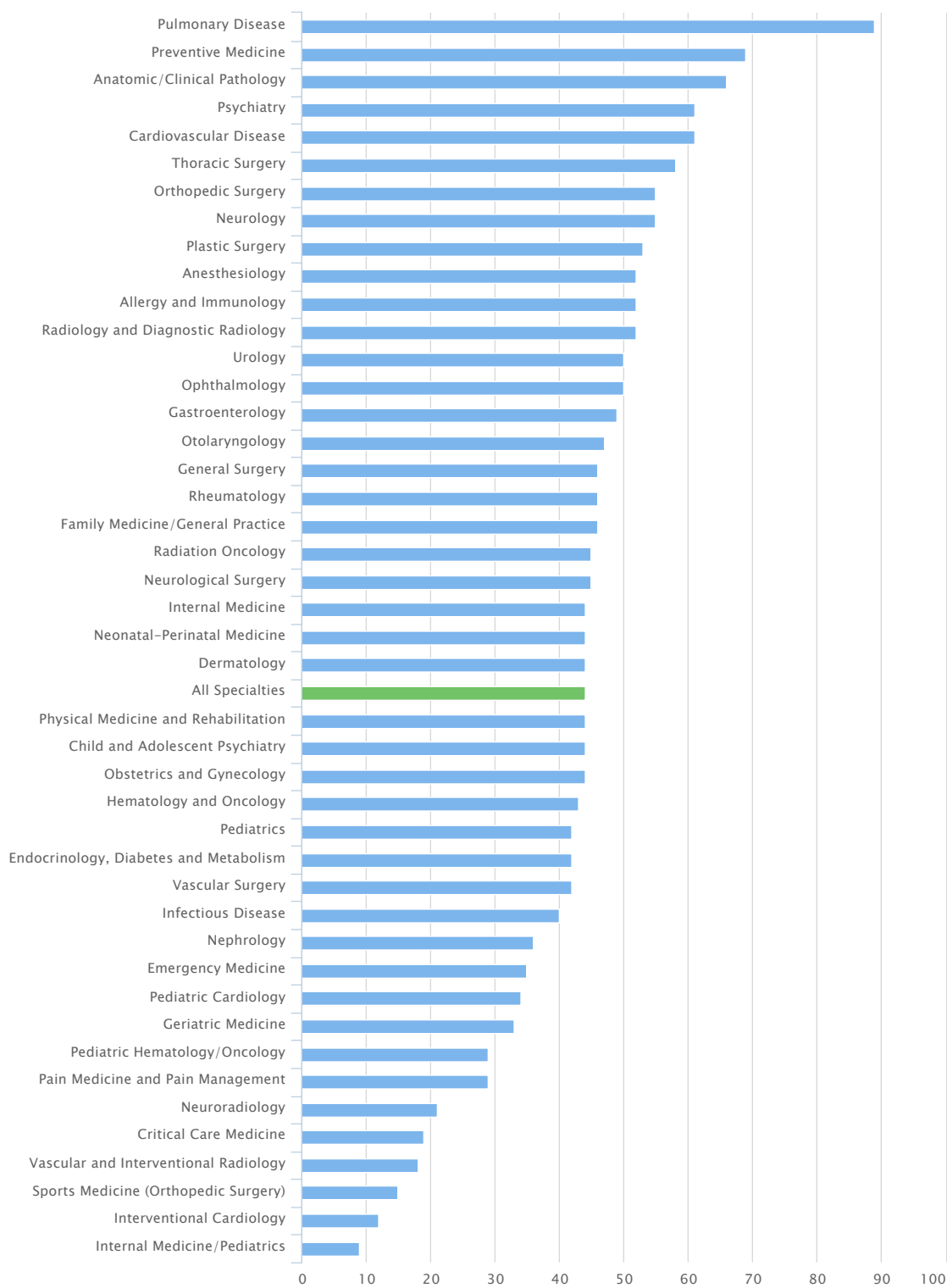
Specialty	Total Active Physicians	Male		Female	
		Number	Percent	Number	Percent
Plastic Surgery	7,139	5,995	84.0	1,144	16.0
Preventive Medicine	6,609	4,374	66.2	2,235	33.8
Psychiatry	38,185	23,244	60.9	14,941	39.1
Pulmonary Disease	5,264	4,644	88.2	620	11.8
Radiation Oncology	5,026	3,661	72.8	1,365	27.2
Radiology and Diagnostic Radiology	27,702	20,601	74.4	7,101	25.6
Rheumatology	5,868	3,246	55.3	2,622	44.7
Sports Medicine (Orthopedic Surgery)	2,612	2,440	93.4	172	6.6
Thoracic Surgery	4,411	4,102	93.0	309	7.0
Urology	9,917	9,051	91.3	866	8.7
Vascular and Interventional Radiology	3,415	3,090	90.5	325	9.5
Vascular Surgery	3,686	3,204	86.9	482	13.1

Source: AMA Physician Masterfile (December 2017).

Note: Excludes 1,086 active physicians whose sex is unknown.

Active Physicians by Age and Specialty, 2017

Figure 1.4. Percentage of Active Physicians Who Are Age 55 or Older by Specialty, 2017



Source: AMA Physician Masterfile (December 2017).

Note: Excludes 2,219 active physicians whose age is unknown.

The functionality of the chart may vary across devices and browsers.

Table 1.4. Number and Percentage of Active Physicians by Age and Specialty, 2017

Specialty	Total Active Physicians	Under Age 55		Age 55 or Older	
		Number	Percent	Number	Percent
All Specialties	890,637	497,986	55.9	392,651	44.1
Allergy and Immunology	4,774	2,309	48.4	2,465	51.6
Anatomic/Clinical Pathology	12,836	4,399	34.3	8,437	65.7
Anesthesiology	41,753	20,174	48.3	21,579	51.7
Cardiovascular Disease	22,204	8,688	39.1	13,516	60.9
Child and Adolescent Psychiatry	9,203	5,197	56.5	4,006	43.5
Critical Care Medicine	11,559	9,417	81.5	2,142	18.5
Dermatology	12,040	6,724	55.8	5,316	44.2
Emergency Medicine	42,280	27,579	65.2	14,701	34.8
Endocrinology, Diabetes and Metabolism	7,494	4,355	58.1	3,139	41.9
Family Medicine/General Practice	113,283	61,558	54.3	51,725	45.7
Gastroenterology	14,745	7,537	51.1	7,208	48.9
General Surgery	25,026	13,422	53.6	11,604	46.4
Geriatric Medicine	5,597	3,751	67.0	1,846	33.0
Hematology and Oncology	15,410	8,802	57.1	6,608	42.9
Infectious Disease	9,134	5,510	60.3	3,624	39.7
Internal Medicine	115,476	64,447	55.8	51,029	44.2
Internal Medicine/Pediatrics	5,121	4,649	90.8	472	9.2
Interventional Cardiology	3,846	3,400	88.4	446	11.6
Neonatal-Perinatal Medicine	5,530	3,088	55.8	2,442	44.2
Nephrology	10,797	6,928	64.2	3,869	35.8
Neurological Surgery	5,527	3,040	55.0	2,487	45.0
Neurology	13,710	6,222	45.4	7,488	54.6
Neuroradiology	3,682	2,922	79.4	760	20.6
Obstetrics and Gynecology	41,623	23,513	56.5	18,110	43.5
Ophthalmology	18,811	9,404	50.0	9,407	50.0
Orthopedic Surgery	18,992	8,460	44.5	10,532	55.5
Otolaryngology	9,523	5,047	53.0	4,476	47.0
Pain Medicine and Pain Management	5,345	3,799	71.1	1,546	28.9
Pediatric Cardiology	2,733	1,800	65.9	933	34.1
Pediatric Hematology/Oncology	2,794	1,976	70.7	818	29.3
Pediatrics	58,406	33,735	57.8	24,671	42.2
Physical Medicine and Rehabilitation	9,340	5,241	56.1	4,099	43.9

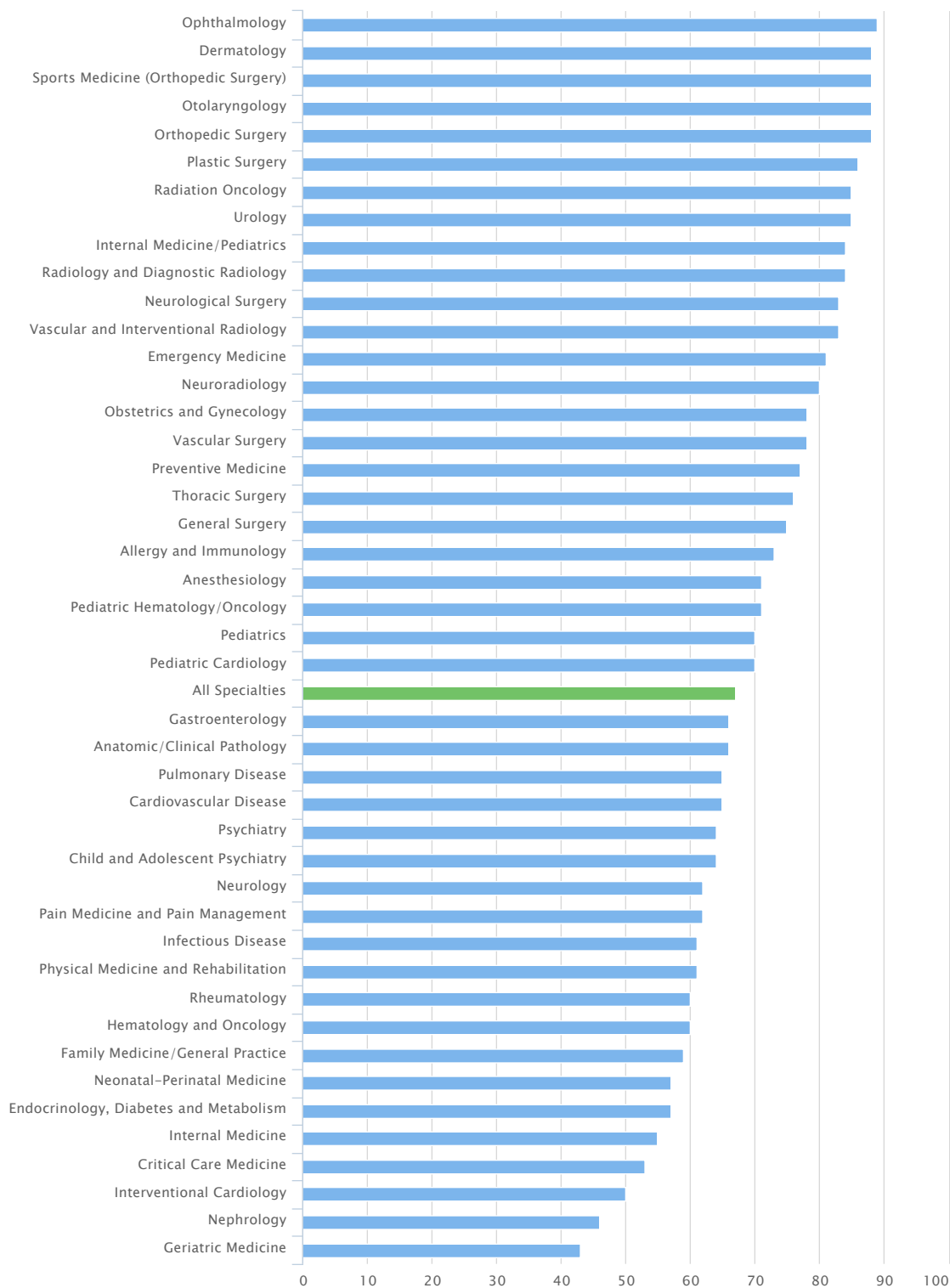
Specialty	Total Active Physicians	Under Age 55		Age 55 or Older	
		Number	Percent	Number	Percent
Plastic Surgery	7,138	3,355	47.0	3,783	53.0
Preventive Medicine	6,605	2,033	30.8	4,572	69.2
Psychiatry	38,193	14,762	38.7	23,431	61.3
Pulmonary Disease	5,263	588	11.2	4,675	88.8
Radiation Oncology	5,029	2,763	54.9	2,266	45.1
Radiology and Diagnostic Radiology	27,711	13,407	48.4	14,304	51.6
Rheumatology	5,880	3,187	54.2	2,693	45.8
Sports Medicine (Orthopedic Surgery)	2,611	2,221	85.1	390	14.9
Thoracic Surgery	4,410	1,849	41.9	2,561	58.1
Urology	9,919	4,951	49.9	4,968	50.1
Vascular and Interventional Radiology	3,414	2,798	82.0	616	18.0
Vascular Surgery	3,686	2,149	58.3	1,537	41.7

Source: AMA Physician Masterfile (December 2017).

Note: Excludes 2,219 active physicians whose age is unknown.

Active Physicians with a U.S. Doctor of Medicine (U.S. MD) Degree by Specialty, 2017

Figure 1.5. Percentage of Active Physicians with a U.S. MD Degree by Specialty, 2017



Source: AMA Physician Masterfile (December 2017).

Note: Excludes 104 active physicians whose degree type is unknown. The functionality of the chart may vary across devices and browsers.

Table 1.5. Number and Percentage of Active Physicians with a U.S. MD Degree by Specialty, 2017

Specialty	Total Active Physicians	Active U.S. MDs	Percent
All Specialties	892,752	595,491	66.7
Allergy and Immunology	4,774	3,475	72.8
Anatomic/Clinical Pathology	12,836	8,475	66.0
Anesthesiology	41,758	29,702	71.1
Cardiovascular Disease	22,210	14,369	64.7
Child and Adolescent Psychiatry	9,204	5,850	63.6
Critical Care Medicine	11,556	6,103	52.8
Dermatology	12,051	10,659	88.4
Emergency Medicine	42,347	34,464	81.4
Endocrinology, Diabetes and Metabolism	7,495	4,236	56.5
Family Medicine/General Practice	113,508	67,438	59.4
Gastroenterology	14,743	9,759	66.2
General Surgery	25,041	18,790	75.0
Geriatric Medicine	5,598	2,409	43.0
Hematology and Oncology	15,407	9,170	59.5
Infectious Disease	9,134	5,611	61.4
Internal Medicine	115,539	63,411	54.9
Internal Medicine/Pediatrics	5,122	4,293	83.8
Interventional Cardiology	3,847	1,931	50.2
Neonatal-Perinatal Medicine	5,529	3,149	57.0
Nephrology	10,796	4,953	45.9
Neurological Surgery	5,530	4,589	83.0
Neurology	13,716	8,539	62.3
Neuroradiology	3,681	2,940	79.9
Obstetrics and Gynecology	41,654	32,633	78.3
Ophthalmology	18,817	16,785	89.2
Orthopedic Surgery	19,001	16,645	87.6
Otolaryngology	9,526	8,384	88.0
Pain Medicine and Pain Management	5,342	3,305	61.9
Pediatric Cardiology	2,733	1,909	69.8
Pediatric Hematology/Oncology	2,794	1,974	70.7
Pediatrics	58,430	40,866	69.9
Physical Medicine and Rehabilitation	9,340	5,730	61.3
Plastic Surgery	7,142	6,160	86.3
Preventive Medicine	6,613	5,115	77.3



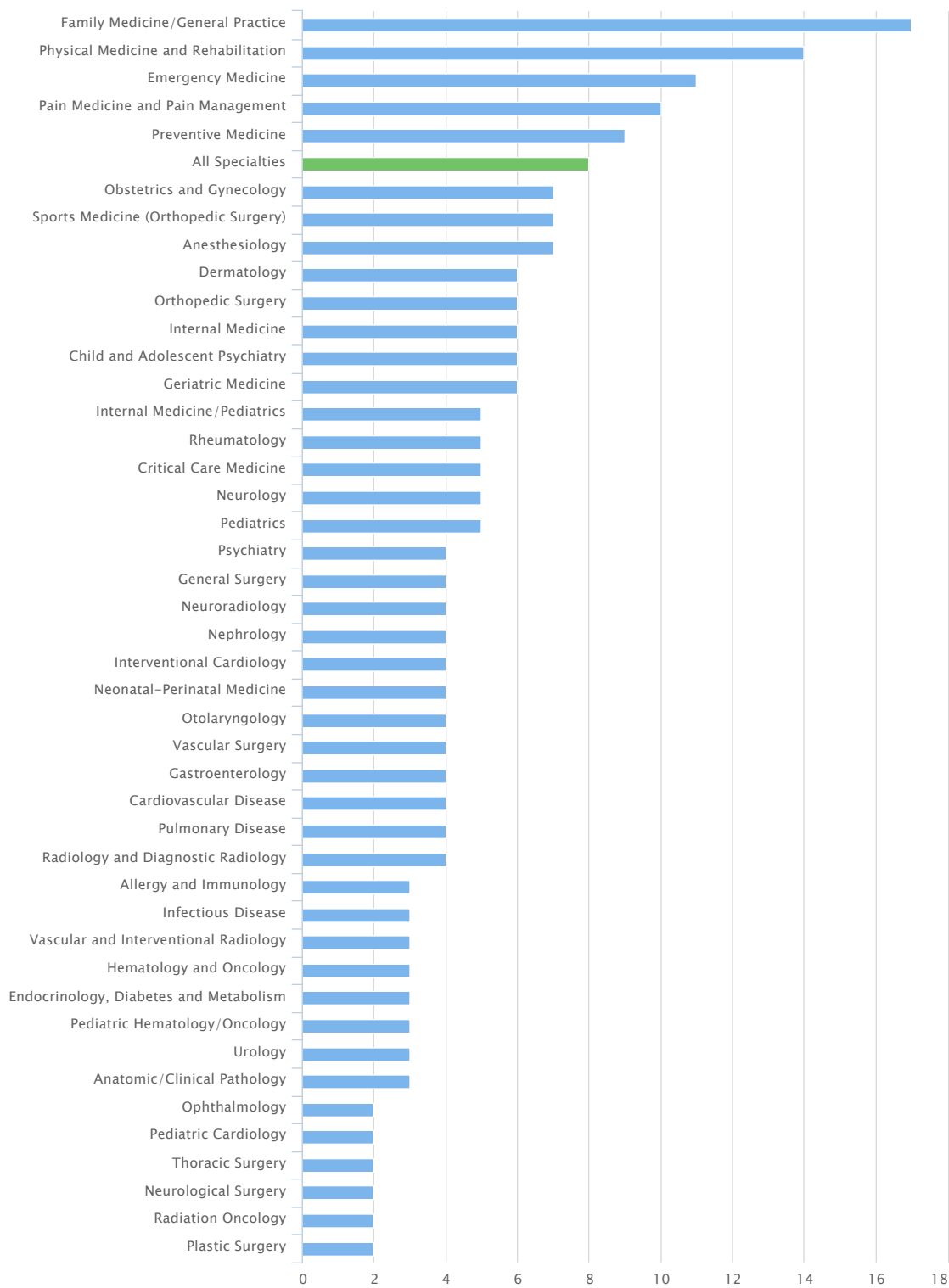
Specialty	Total Active Physicians	Active U.S. MDs	Percent
Psychiatry	38,201	24,578	64.3
Pulmonary Disease	5,265	3,419	64.9
Radiation Oncology	5,027	4,279	85.1
Radiology and Diagnostic Radiology	27,719	23,230	83.8
Rheumatology	5,880	3,537	60.2
Sports Medicine (Orthopedic Surgery)	2,611	2,299	88.1
Thoracic Surgery	4,411	3,353	76.0
Urology	9,921	8,426	84.9
Vascular and Interventional Radiology	3,416	2,819	82.5
Vascular Surgery	3,688	2,860	77.5

Source: AMA Physician Masterfile (December 2017).

Note: Excludes 104 active physicians whose degree type is unknown.

Active Physicians with a Doctor of Osteopathic Medicine (DO) Degree by Specialty, 2017

Figure 1.6. Percentage of Active Physicians with a DO Degree by Specialty, 2017



Source: AMA Physician Masterfile (December 2017).

Note: Excludes 104 active physicians whose degree type is unknown.

The functionality of the chart may vary across devices and browsers.

Table 1.6. Number and Percentage of Active Physicians with a DO Degree by Specialty, 2017

Specialty	Total Active Physicians	Active DOs	Percent
All Specialties	892,752	69,581	7.8
Allergy and Immunology	4,774	166	3.5
Anatomic/Clinical Pathology	12,836	322	2.5
Anesthesiology	41,758	2,752	6.6
Cardiovascular Disease	22,210	861	3.9
Child and Adolescent Psychiatry	9,204	507	5.5
Critical Care Medicine	11,556	617	5.3
Dermatology	12,051	691	5.7
Emergency Medicine	42,347	4,789	11.3
Endocrinology, Diabetes and Metabolism	7,495	216	2.9
Family Medicine/General Practice	113,508	18,762	16.5
Gastroenterology	14,743	594	4.0
General Surgery	25,041	1,111	4.4
Geriatric Medicine	5,598	308	5.5
Hematology and Oncology	15,407	463	3.0
Infectious Disease	9,134	310	3.4
Internal Medicine	115,539	6,386	5.5
Internal Medicine/Pediatrics	5,122	275	5.4
Interventional Cardiology	3,847	159	4.1
Neonatal-Perinatal Medicine	5,529	224	4.1
Nephrology	10,796	459	4.3
Neurological Surgery	5,530	108	2.0
Neurology	13,716	703	5.1
Neuroradiology	3,681	162	4.4
Obstetrics and Gynecology	41,654	2,813	6.8
Ophthalmology	18,817	462	2.5
Orthopedic Surgery	19,001	1,053	5.5
Otolaryngology	9,526	385	4.0
Pain Medicine and Pain Management	5,342	529	9.9
Pediatric Cardiology	2,733	62	2.3
Pediatric Hematology/Oncology	2,794	79	2.8
Pediatrics	58,430	2,720	4.7
Physical Medicine and Rehabilitation	9,340	1,330	14.2
Plastic Surgery	7,142	119	1.7
Preventive Medicine	6,613	573	8.7

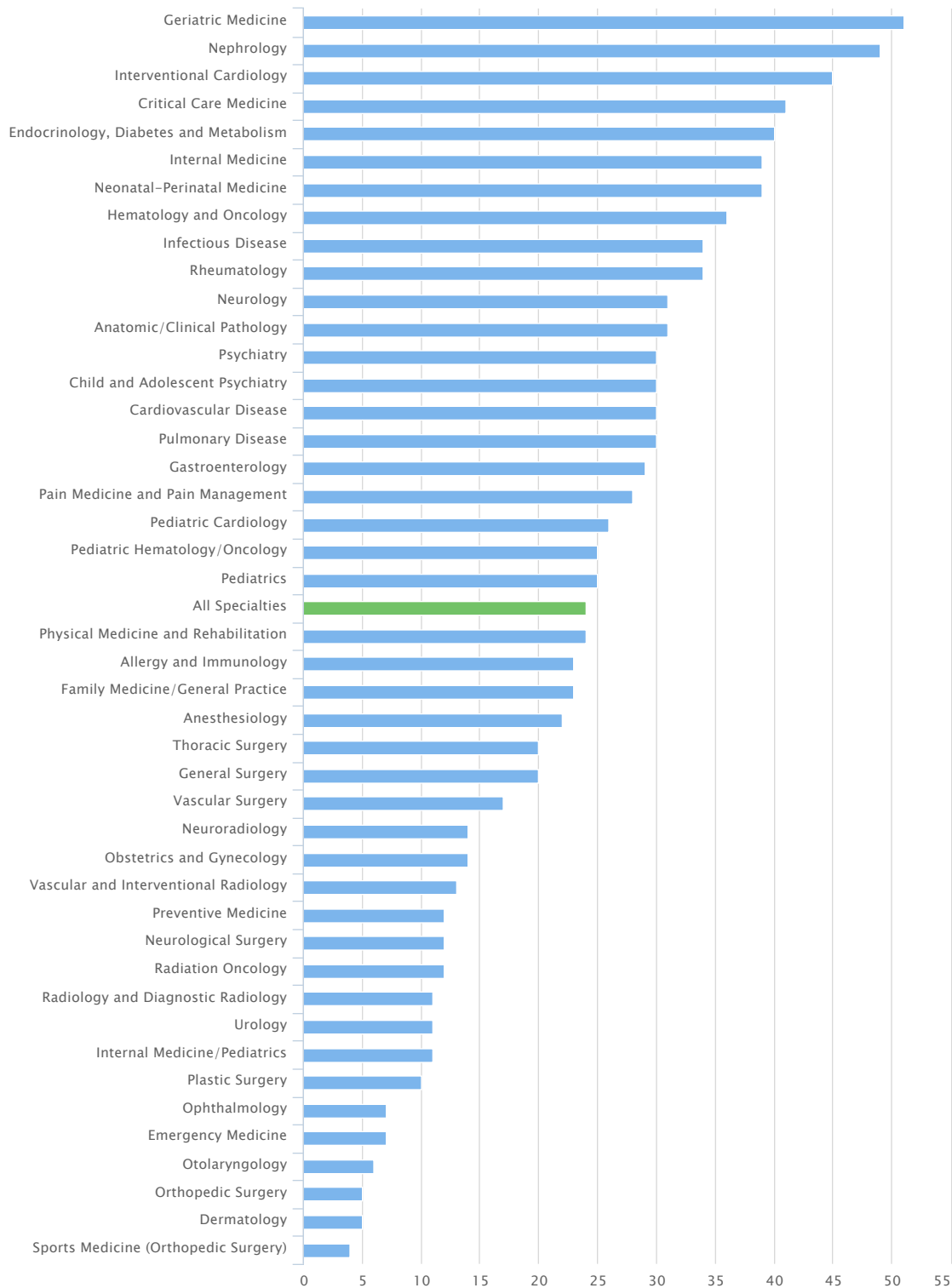
Specialty	Total Active Physicians	Active DOs	Percent
Psychiatry	38,201	1,705	4.5
Pulmonary Disease	5,265	204	3.9
Radiation Oncology	5,027	88	1.8
Radiology and Diagnostic Radiology	27,719	1,035	3.7
Rheumatology	5,880	315	5.4
Sports Medicine (Orthopedic Surgery)	2,611	176	6.7
Thoracic Surgery	4,411	98	2.2
Urology	9,921	251	2.5
Vascular and Interventional Radiology	3,416	112	3.3
Vascular Surgery	3,688	149	4.0

Source: AMA Physician Masterfile (December 2017).

Note: Excludes 104 active physicians whose degree type is unknown.

Active Physicians Who Are International Medical Graduates (IMGs) by Specialty, 2017

Figure 1.7. Percentage of Active Physicians Who Are IMGs by Specialty, 2017



Source: AMA Physician Masterfile (December 2017).

Note: Excludes 22 active physicians whose degree type is unknown.

The functionality of the chart may vary across devices and browsers.

Table 1.7. Number and Percentage of Active Physicians Who Are IMGs by Specialty, 2017

Specialty	Total Active Physicians	Active IMGs	Percent
All Specialties	892,752	218,540	24.5
Allergy and Immunology	4,774	1,093	22.9
Anatomic/Clinical Pathology	12,836	3,932	30.6
Anesthesiology	41,758	9,017	21.6
Cardiovascular Disease	22,210	6,738	30.3
Child and Adolescent Psychiatry	9,204	2,794	30.4
Critical Care Medicine	11,556	4,741	41.0
Dermatology	12,051	591	4.9
Emergency Medicine	42,347	2,765	6.5
Endocrinology, Diabetes and Metabolism	7,495	2,969	39.6
Family Medicine/General Practice	113,508	25,860	22.8
Gastroenterology	14,743	4,270	29.0
General Surgery	25,041	4,904	19.6
Geriatric Medicine	5,598	2,844	50.8
Hematology and Oncology	15,407	5,614	36.4
Infectious Disease	9,134	3,136	34.3
Internal Medicine	115,539	45,274	39.2
Internal Medicine/Pediatrics	5,122	551	10.8
Interventional Cardiology	3,847	1,724	44.8
Neonatal-Perinatal Medicine	5,529	2,131	38.5
Nephrology	10,796	5,293	49.0
Neurological Surgery	5,530	681	12.3
Neurology	13,716	4,289	31.3
Neuroradiology	3,681	532	14.5
Obstetrics and Gynecology	41,654	5,943	14.3
Ophthalmology	18,817	1,327	7.1
Orthopedic Surgery	19,001	988	5.2
Otolaryngology	9,526	603	6.3
Pain Medicine and Pain Management	5,342	1,482	27.7
Pediatric Cardiology	2,733	715	26.2
Pediatric Hematology/Oncology	2,794	711	25.4
Pediatrics	58,430	14,577	24.9
Physical Medicine and Rehabilitation	9,340	2,239	24.0
Plastic Surgery	7,142	724	10.1
Preventive Medicine	6,613	824	12.5

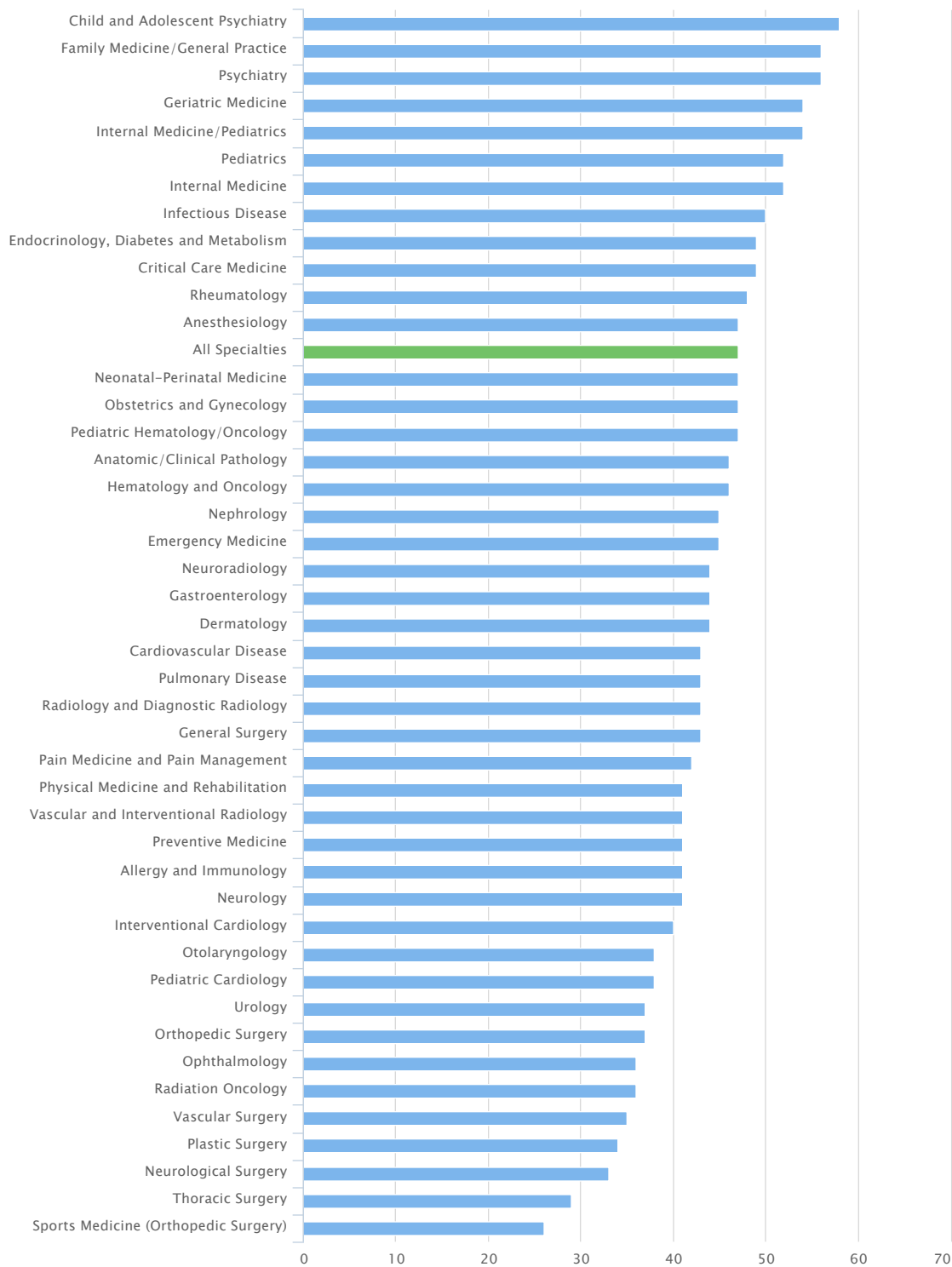
Specialty	Total Active Physicians	Active IMGs	Percent
Psychiatry	38,201	11,615	30.4
Pulmonary Disease	5,265	1,576	29.9
Radiation Oncology	5,027	597	11.9
Radiology and Diagnostic Radiology	27,719	3,127	11.3
Rheumatology	5,880	1,973	33.6
Sports Medicine (Orthopedic Surgery)	2,611	108	4.1
Thoracic Surgery	4,411	875	19.8
Urology	9,921	1,087	11.0
Vascular and Interventional Radiology	3,416	457	13.4
Vascular Surgery	3,688	642	17.4

Source: AMA Physician Masterfile (December 2017).

Note: Excludes 104 active physicians whose degree type is unknown.

Active Physicians Practicing in the State Where They Completed Graduate Medical Education (GME) by Specialty, 2017

Figure 1.8. Percentage of Active Physicians Practicing in the Same State Where They Completed GME by Specialty, 2017



Source: AMA Physician Masterfile (December 2017).

Note: Excludes 62,288 active physicians whose GME program information is unknown.

The functionality of the chart may vary across devices and browsers.

Table 1.8. Number and Percentage of Active Physicians Practicing in the State Where They Completed GME by Specialty, 2017

Specialty	Total Active Physicians	Practicing in Same State	Percent
All Specialties	830,568	392,403	47.2
Allergy and Immunology	4,689	1,923	41.0
Anatomic/Clinical Pathology	12,153	5,565	45.8
Anesthesiology	40,411	19,173	47.4
Cardiovascular Disease	21,700	9,366	43.2
Child and Adolescent Psychiatry	9,076	5,247	57.8
Critical Care Medicine	11,482	5,631	49.0
Dermatology	11,585	5,055	43.6
Emergency Medicine	40,246	18,046	44.8
Endocrinology, Diabetes and Metabolism	7,347	3,615	49.2
Family Medicine/General Practice	101,264	56,778	56.1
Gastroenterology	14,475	6,340	43.8
General Surgery	23,374	10,004	42.8
Geriatric Medicine	5,473	2,948	53.9
Hematology and Oncology	15,150	6,925	45.7
Infectious Disease	9,063	4,487	49.5
Internal Medicine	110,390	56,851	51.5
Internal Medicine/Pediatrics	4,994	2,687	53.8
Interventional Cardiology	3,813	1,517	39.8
Neonatal-Perinatal Medicine	5,479	2,576	47.0
Nephrology	10,662	4,843	45.4
Neurological Surgery	5,236	1,754	33.5
Neurology	13,292	5,435	40.9
Neuroradiology	3,656	1,620	44.3
Obstetrics and Gynecology	40,103	18,841	47.0
Ophthalmology	18,322	6,666	36.4
Orthopedic Surgery	17,921	6,582	36.7
Otolaryngology	9,093	3,435	37.8
Pain Medicine and Pain Management	5,259	2,206	41.9
Pediatric Cardiology	2,700	1,014	37.6
Pediatric Hematology/Oncology	2,764	1,289	46.6
Pediatrics	56,389	29,053	51.5
Physical Medicine and Rehabilitation	9,127	3,781	41.4
Plastic Surgery	6,934	2,336	33.7
Preventive Medicine	6,184	2,553	41.3

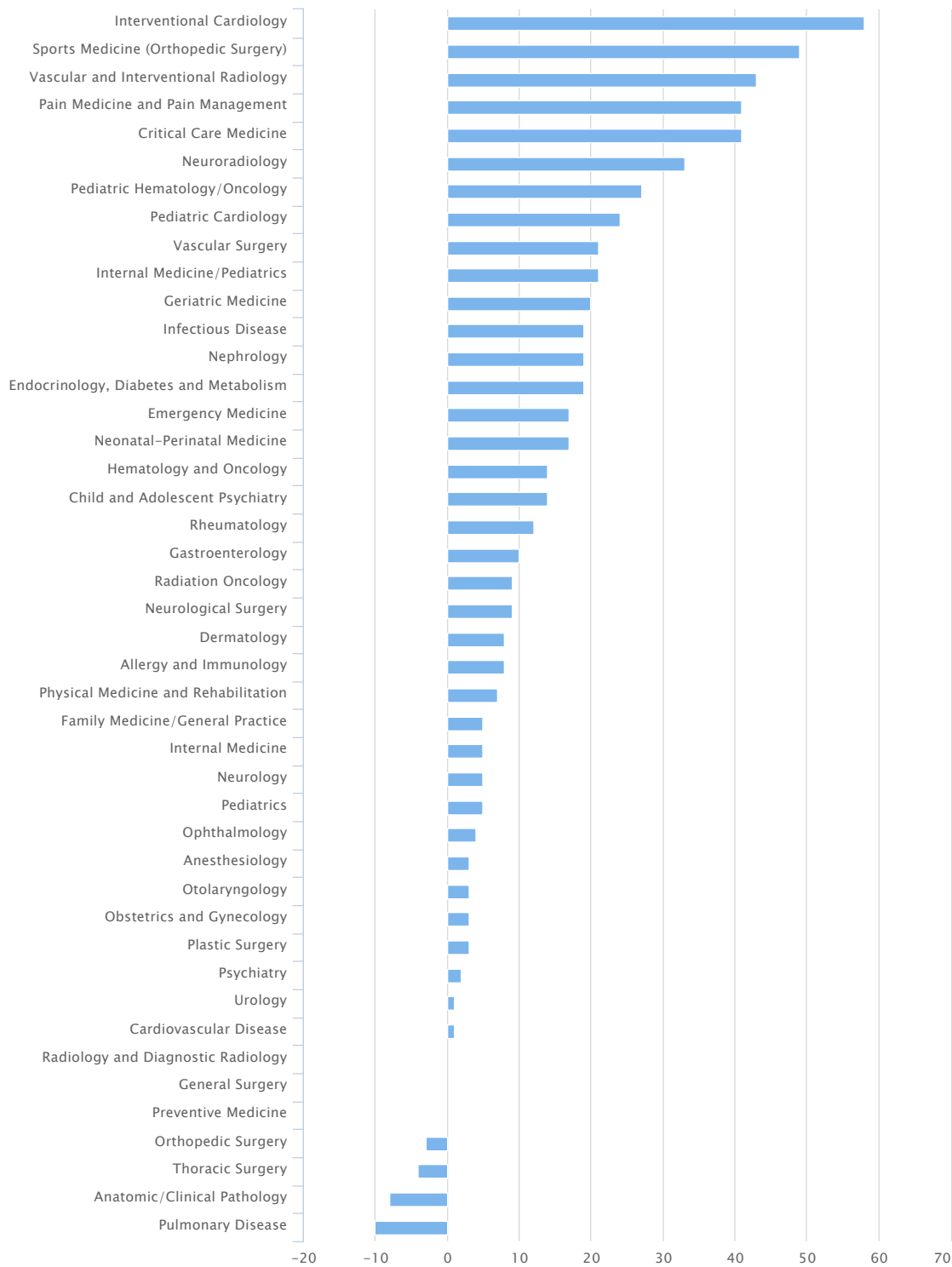
Specialty	Total Active Physicians	Practicing in Same State	Percent
Psychiatry	36,580	20,387	55.7
Pulmonary Disease	5,143	2,215	43.1
Radiation Oncology	4,921	1,784	36.3
Radiology and Diagnostic Radiology	26,845	11,531	43.0
Rheumatology	5,804	2,770	47.7
Sports Medicine (Orthopedic Surgery)	2,586	673	26.0
Thoracic Surgery	4,280	1,259	29.4
Urology	9,592	3,582	37.3
Vascular and Interventional Radiology	3,388	1,400	41.3
Vascular Surgery	3,603	1,269	35.2

Source: AMA Physician Masterfile (December 2017).

Note: Excludes 62,228 active physicians whose GME program information is unknown.

Percentage Change in the Number of Active Physicians by Specialty, 2012-17

Figure 1.9. Percentage Change in the Number of Active Physicians by Specialty, 2012-17



Source: AMA Physician Masterfile (December 2012 and December 2017).

The functionality of the chart may vary across devices and browsers.

Table 1.9. Percentage Change in the Number of Active Physicians by Specialty, 2012–17

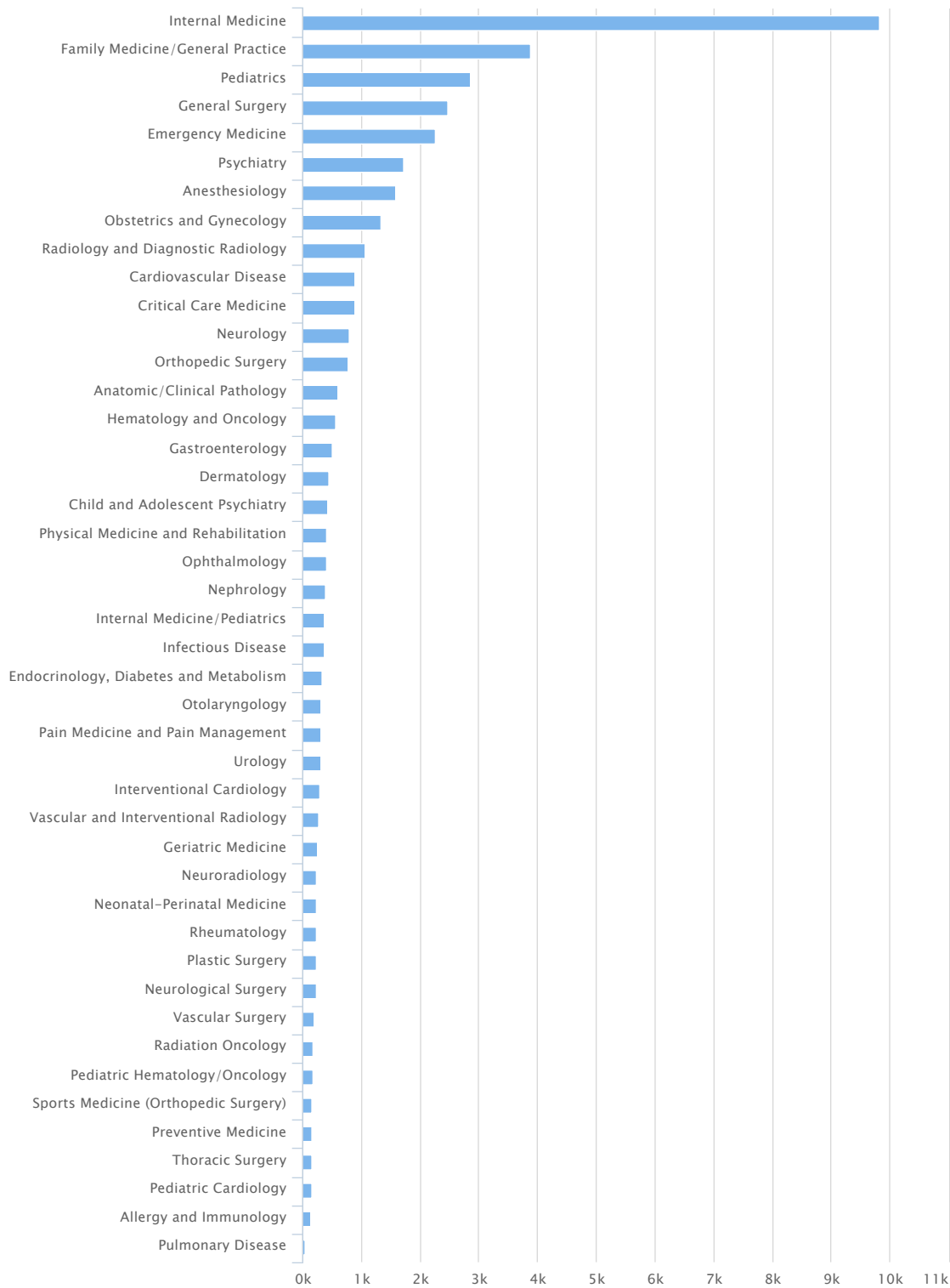
Specialty	Total Active Physicians		Percentage Change
	2012	2017	
All Specialties	817,848	892,856	9.2
Allergy and Immunology	4,435	4,774	7.6
Anatomic/Clinical Pathology	14,003	12,839	-8.3
Anesthesiology	40,608	41,762	2.8
Cardiovascular Disease	22,003	22,211	0.9
Child and Adolescent Psychiatry	8,070	9,204	14.1
Critical Care Medicine	8,225	11,559	40.5
Dermatology	11,160	12,051	8.0
Emergency Medicine	36,149	42,348	17.1
Endocrinology, Diabetes and Metabolism	6,321	7,495	18.6
Family Medicine/General Practice	107,822	113,514	5.3
Gastroenterology	13,403	14,747	10.0
General Surgery	25,105	25,042	-0.3
Geriatric Medicine	4,663	5,598	20.1
Hematology and Oncology	13,465	15,410	14.4
Infectious Disease	7,689	9,136	18.8
Internal Medicine	109,827	115,557	5.2
Internal Medicine/Pediatrics	4,233	5,122	21.0
Interventional Cardiology	2,435	3,847	58.0
Neonatal-Perinatal Medicine	4,746	5,530	16.5
Nephrology	9,091	10,798	18.8
Neurological Surgery	5,095	5,531	8.6
Neurology	13,087	13,717	4.8
Neuroradiology	2,759	3,682	33.5
Obstetrics and Gynecology	40,601	41,656	2.6
Ophthalmology	18,177	18,817	3.5
Orthopedic Surgery	19,521	19,001	-2.7
Otolaryngology	9,279	9,526	2.7
Pain Medicine and Pain Management	3,783	5,345	41.3
Pediatric Cardiology	2,211	2,733	23.6
Pediatric Hematology/Oncology	2,195	2,794	27.3
Pediatrics	55,916	58,435	4.5
Physical Medicine and Rehabilitation	8,764	9,343	6.6
Plastic Surgery	6,966	7,142	2.5
Preventive Medicine	6,631	6,613	-0.3

Specialty	Total Active Physicians		Percentage Change
	2012	2017	
Psychiatry	37,445	38,205	2.0
Pulmonary Disease	5,818	5,265	-9.5
Radiation Oncology	4,605	5,029	9.2
Radiology and Diagnostic Radiology	27,672	27,719	0.2
Rheumatology	5,237	5,881	12.3
Sports Medicine (Orthopedic Surgery)	1,753	2,612	49.0
Thoracic Surgery	4,586	4,411	-3.8
Urology	9,785	9,921	1.4
Vascular and Interventional Radiology	2,382	3,416	43.4
Vascular Surgery	3,040	3,688	21.3

Source: AMA Physician Masterfile (December 2012 and December 2017).

First-Year ACGME Residents and Fellows by Specialty, 2017

Figure 2.1. Number of First-Year ACGME Residents and Fellows by Specialty, 2017



Source: National GME Census in GME Track® as of Sept. 6, 2018.

The functionality of the chart may vary across devices and browsers.

Table 2.1. Number of First-Year ACGME Residents and Fellows by Specialty, 2017

Specialty	First-Year ACGME Residents and Fellows
All Specialties	45,530
Allergy and Immunology	128
Anatomic/Clinical Pathology	599
Anesthesiology	1,573
Cardiovascular Disease	893
Child and Adolescent Psychiatry	431
Critical Care Medicine	890
Dermatology	451
Emergency Medicine	2,256
Endocrinology, Diabetes and Metabolism	323
Family Medicine/General Practice	3,886
Gastroenterology	501
General Surgery	2,461
Geriatric Medicine	258
Hematology and Oncology	568
Infectious Disease	358
Internal Medicine	9,825
Internal Medicine/Pediatrics	374
Interventional Cardiology	281
Neonatal-Perinatal Medicine	238
Nephrology	382
Neurological Surgery	224
Neurology	787
Neuroradiology	241
Obstetrics and Gynecology	1,326
Ophthalmology	396
Orthopedic Surgery	773
Otolaryngology	315
Pain Medicine and Pain Management	310
Pediatric Cardiology	147
Pediatric Hematology/Oncology	171
Pediatrics	2,854
Physical Medicine and Rehabilitation	399
Plastic Surgery	227
Preventive Medicine	149

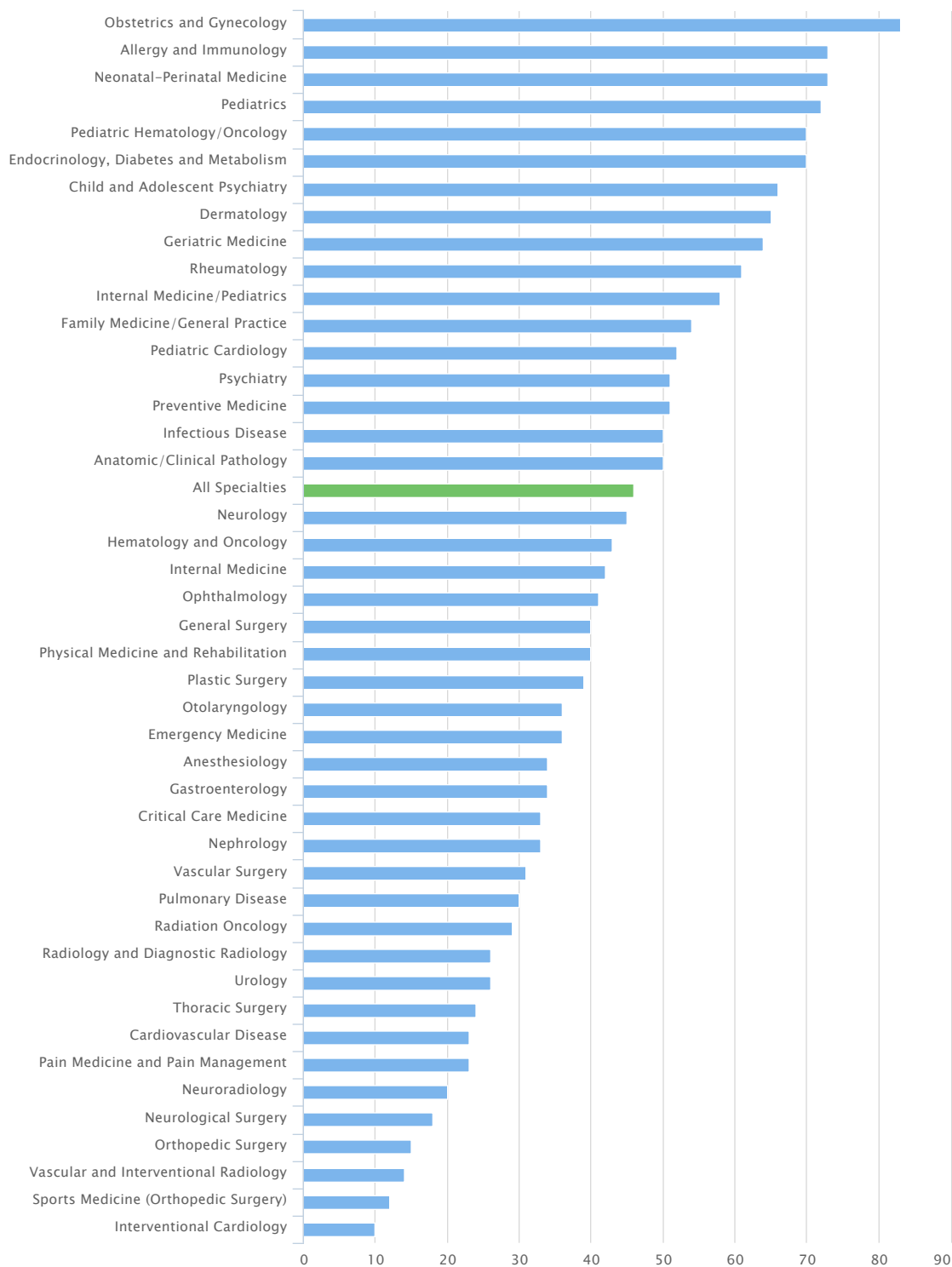


Specialty	First-Year ACGME Residents and Fellows
Psychiatry	1,727
Pulmonary Disease	36
Radiation Oncology	183
Radiology and Diagnostic Radiology	1,070
Rheumatology	229
Sports Medicine (Orthopedic Surgery)	156
Thoracic Surgery	148
Urology	300
Vascular and Interventional Radiology	266
Vascular Surgery	186

Source: National GME Census in GME Track® as of Sept. 6, 2018.

ACGME Residents and Fellows by Sex and Specialty, 2017

Figure 2.2. Percentage of ACGME Residents and Fellows Who Are Female by Specialty, 2017



Source: National GME Census in GME Track® as of Sept. 6, 2018.

Note: Excludes 109 residents and fellows whose sex is unknown.

The functionality of the chart may vary across devices and browsers.

Table 2.2. Number and Percentage of ACGME Residents and Fellows by Sex and Specialty, 2017

Specialty	Total Residents and Fellows	Male		Female	
		Number	Percent	Number	Percent
All Specialties	129,294	70,327	54.4	58,967	45.6
Allergy and Immunology	284	76	26.8	208	73.2
Anatomic/Clinical Pathology	2,260	1,129	50.0	1,131	50.0
Anesthesiology	5,871	3,852	65.6	2,019	34.4
Cardiovascular Disease	2,731	2,105	77.1	626	22.9
Child and Adolescent Psychiatry	919	312	33.9	607	66.1
Critical Care Medicine	2,135	1,434	67.2	701	32.8
Dermatology	1,381	490	35.5	891	64.5
Emergency Medicine	7,075	4,560	64.5	2,515	35.5
Endocrinology, Diabetes and Metabolism	670	203	30.3	467	69.7
Family Medicine/General Practice	11,349	5,223	46.0	6,126	54.0
Gastroenterology	1,534	1,014	66.1	520	33.9
General Surgery	8,700	5,211	59.9	3,489	40.1
Geriatric Medicine	273	98	35.9	175	64.1
Hematology and Oncology	1,723	983	57.1	740	42.9
Infectious Disease	741	370	49.9	371	50.1
Internal Medicine	25,749	14,837	57.6	10,912	42.4
Internal Medicine/Pediatrics	1,481	625	42.2	856	57.8
Interventional Cardiology	303	272	89.8	31	10.2
Neonatal-Perinatal Medicine	739	199	26.9	540	73.1
Nephrology	845	570	67.5	275	32.5
Neurological Surgery	1,418	1,167	82.3	251	17.7
Neurology	2,593	1,433	55.3	1,160	44.7
Neuroradiology	263	210	79.8	53	20.2
Obstetrics and Gynecology	5,226	892	17.1	4,334	82.9
Ophthalmology	1,313	772	58.8	541	41.2
Orthopedic Surgery	3,828	3,242	84.7	586	15.3
Otolaryngology	1,542	984	63.8	558	36.2
Pain Medicine and Pain Management	311	241	77.5	70	22.5
Pediatric Cardiology	447	215	48.1	232	51.9
Pediatric Hematology/Oncology	506	151	29.8	355	70.2
Pediatrics	8,745	2,422	27.7	6,323	72.3
Physical Medicine and Rehabilitation	1,285	776	60.4	509	39.6

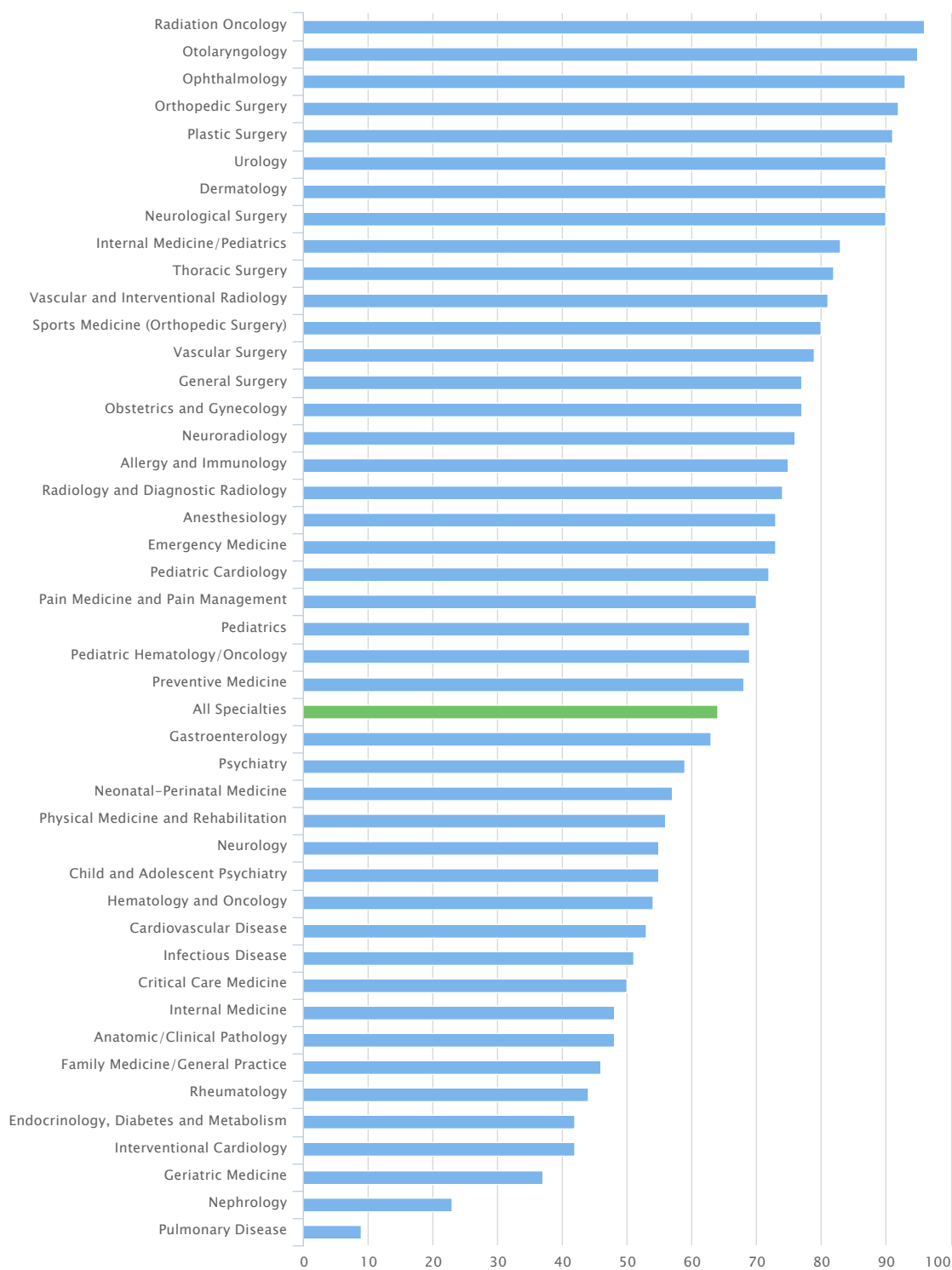
Specialty	Total Residents and Fellows	Male		Female	
		Number	Percent	Number	Percent
Plastic Surgery	1,072	655	61.1	417	38.9
Preventive Medicine	299	148	49.5	151	50.5
Psychiatry	5,737	2,839	49.5	2,898	50.5
Pulmonary Disease	70	49	70.0	21	30.0
Radiation Oncology	741	523	70.6	218	29.4
Radiology and Diagnostic Radiology	4,455	3,276	73.5	1,179	26.5
Rheumatology	479	189	39.5	290	60.5
Sports Medicine (Orthopedic Surgery)	157	138	87.9	19	12.1
Thoracic Surgery	441	336	76.2	105	23.8
Urology	1,301	969	74.5	332	25.5
Vascular and Interventional Radiology	269	231	85.9	38	14.1
Vascular Surgery	536	372	69.4	164	30.6

Source: National GME Census in GME Track® as of Sept. 6, 2018.

Note: Excludes 109 residents and fellows whose sex is unknown.

ACGME Residents and Fellows with a U.S. Doctor of Medicine (U.S. MD) Degree by Specialty, 2017

Figure 2.3. Percentage of ACGME Residents and Fellows with a U.S. MD Degree by Specialty, 2017



Source: National GME Census in GME Track® as of Sept. 6, 2018.

Note: Excludes 3 residents whose degree type is unknown.

The functionality of the chart may vary across devices and browsers.

Table 2.3. Number and Percentage of ACGME Residents and Fellows with a U.S. MD Degree by Specialty, 2017

Specialty	Total Residents and Fellows	U.S. MD Residents and Fellows	Percent
All Specialties	129,400	82,304	63.6
Allergy and Immunology	285	213	74.7
Anatomic/Clinical Pathology	2,264	1,085	47.9
Anesthesiology	5,884	4,324	73.5
Cardiovascular Disease	2,739	1,438	52.5
Child and Adolescent Psychiatry	919	509	55.4
Critical Care Medicine	2,138	1,072	50.1
Dermatology	1,383	1,243	89.9
Emergency Medicine	7,077	5,160	72.9
Endocrinology, Diabetes and Metabolism	671	285	42.5
Family Medicine/General Practice	11,351	5,194	45.8
Gastroenterology	1,536	963	62.7
General Surgery	8,703	6,730	77.3
Geriatric Medicine	273	100	36.6
Hematology and Oncology	1,728	939	54.3
Infectious Disease	742	376	50.7
Internal Medicine	25,773	12,476	48.4
Internal Medicine/Pediatrics	1,481	1,231	83.1
Interventional Cardiology	303	127	41.9
Neonatal-Perinatal Medicine	739	424	57.4
Nephrology	847	193	22.8
Neurological Surgery	1,418	1,271	89.6
Neurology	2,595	1,439	55.5
Neuroradiology	263	201	76.4
Obstetrics and Gynecology	5,227	4,007	76.7
Ophthalmology	1,314	1,219	92.8
Orthopedic Surgery	3,829	3,521	92
Otolaryngology	1,542	1,468	95.2
Pain Medicine and Pain Management	311	217	69.8
Pediatric Cardiology	447	322	72
Pediatric Hematology/Oncology	506	350	69.2
Pediatrics	8,748	6,052	69.2
Physical Medicine and Rehabilitation	1,288	716	55.6
Plastic Surgery	1,072	977	91.1
Preventive Medicine	300	204	68

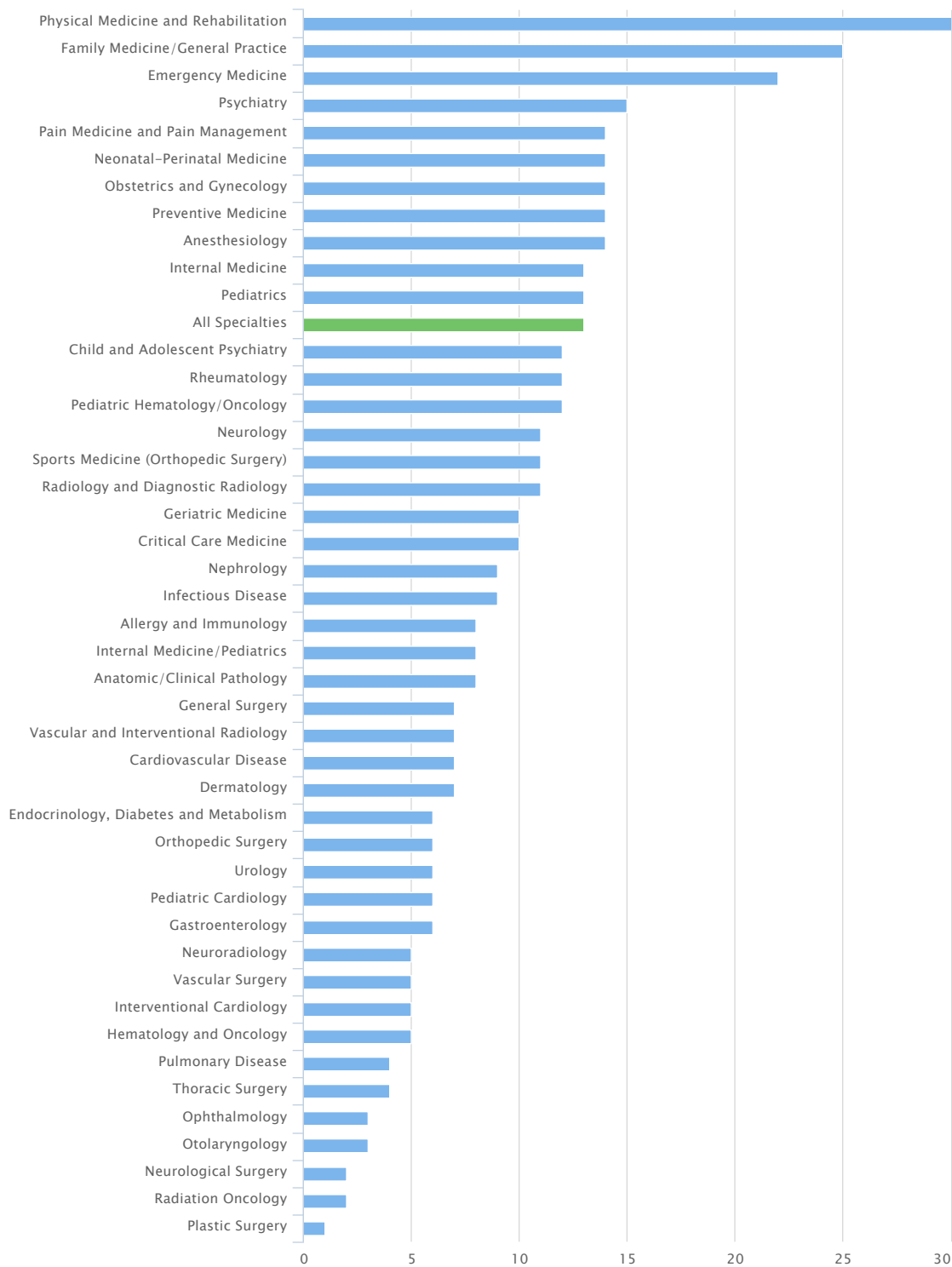
Specialty	Total Residents and Fellows	U.S. MD Residents and Fellows	Percent
Psychiatry	5,743	3,369	58.7
Pulmonary Disease	70	6	8.6
Radiation Oncology	742	709	95.6
Radiology and Diagnostic Radiology	4,464	3,301	73.9
Rheumatology	479	212	44.3
Sports Medicine (Orthopedic Surgery)	157	125	79.6
Thoracic Surgery	441	362	82.1
Urology	1,301	1,176	90.4
Vascular and Interventional Radiology	269	217	80.7
Vascular Surgery	536	421	78.5

National GME Census in GME Track® as of Sept. 6, 2018.

Note: Excludes 3 residents whose degree type is unknown.

ACGME Residents and Fellows with a Doctor of Osteopathic Medicine (DO) Degree by Specialty, 2017

Figure 2.4. Percentage of ACGME Residents and Fellows with a DO Degree by Specialty, 2017



Source: National GME Census in GME Track® as of Sept. 6, 2018.

Note: Excludes 3 residents whose degree type is unknown.

The functionality of the chart may vary across devices and browsers.

Table 2.4. Number and Percentage of ACGME Residents and Fellows with a DO Degree by Specialty, 2017

Specialty	Total Residents and Fellows	DO Residents and Fellows	Percent
All Specialties	129,400	16,182	12.5
Allergy and Immunology	285	24	8.4
Anatomic/Clinical Pathology	2,264	186	8.2
Anesthesiology	5,884	796	13.5
Cardiovascular Disease	2,739	187	6.8
Child and Adolescent Psychiatry	919	109	11.9
Critical Care Medicine	2,138	205	9.6
Dermatology	1,383	91	6.6
Emergency Medicine	7,077	1,557	22.0
Endocrinology, Diabetes and Metabolism	671	42	6.3
Family Medicine/General Practice	11,351	2,872	25.3
Gastroenterology	1,536	85	5.5
General Surgery	8,703	649	7.5
Geriatric Medicine	273	28	10.3
Hematology and Oncology	1,728	79	4.6
Infectious Disease	742	65	8.8
Internal Medicine	25,773	3,331	12.9
Internal Medicine/Pediatrics	1,481	123	8.3
Interventional Cardiology	303	14	4.6
Neonatal-Perinatal Medicine	739	104	14.1
Nephrology	847	78	9.2
Neurological Surgery	1,418	34	2.4
Neurology	2,595	288	11.1
Neuroradiology	263	14	5.3
Obstetrics and Gynecology	5,227	727	13.9
Ophthalmology	1,314	41	3.1
Orthopedic Surgery	3,829	236	6.2
Otolaryngology	1,542	45	2.9
Pain Medicine and Pain Management	311	45	14.5
Pediatric Cardiology	447	25	5.6
Pediatric Hematology/Oncology	506	59	11.7
Pediatrics	8,748	1,095	12.5
Physical Medicine and Rehabilitation	1,288	416	32.3
Plastic Surgery	1,072	8	0.7
Preventive Medicine	300	41	13.7



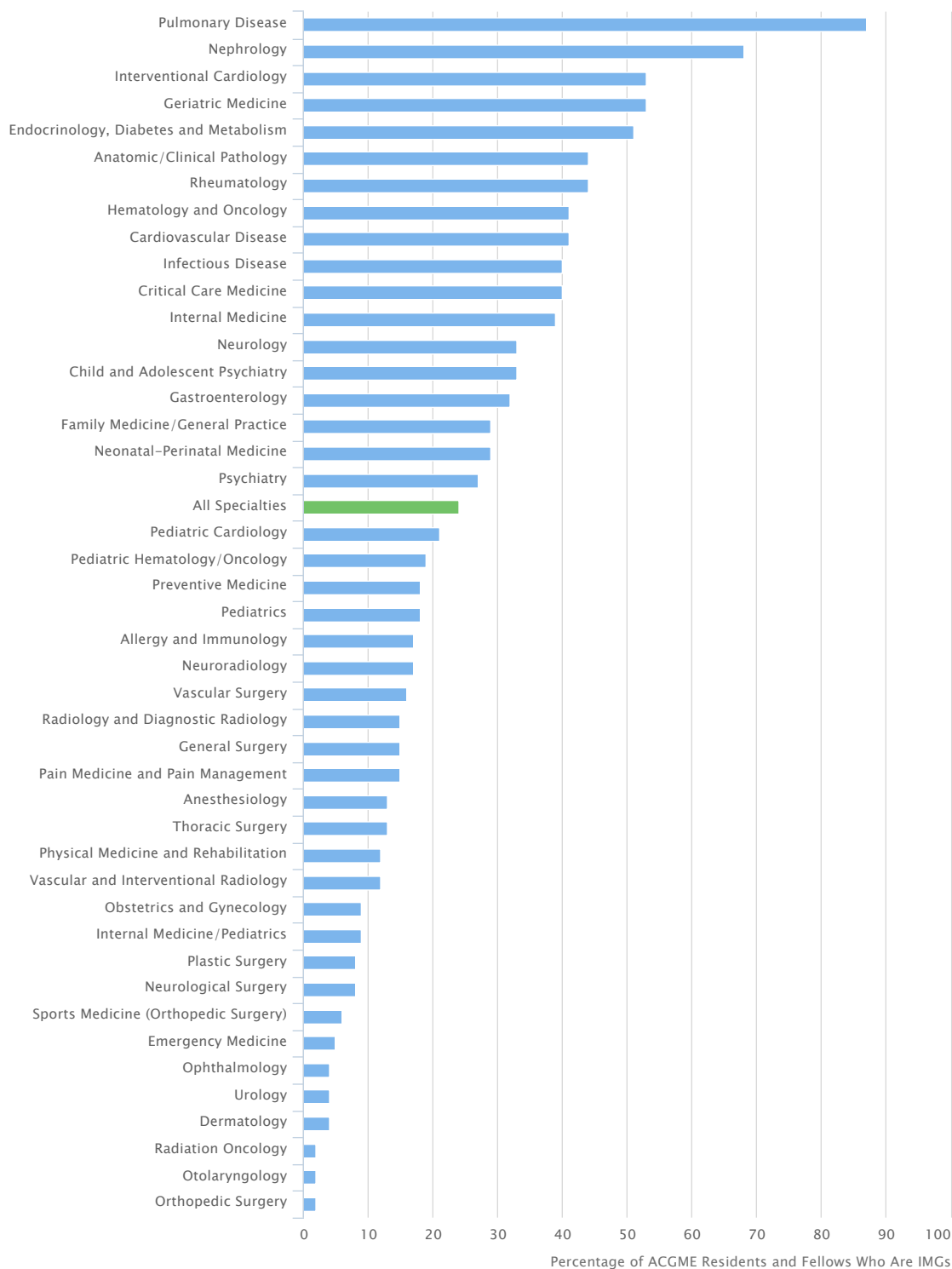
Specialty	Total Residents and Fellows	DO Residents and Fellows	Percent
Psychiatry	5,743	848	14.8
Pulmonary Disease	70	3	4.3
Radiation Oncology	742	17	2.3
Radiology and Diagnostic Radiology	4,464	479	10.7
Rheumatology	479	56	11.7
Sports Medicine (Orthopedic Surgery)	157	17	10.8
Thoracic Surgery	441	18	4.1
Urology	1,301	76	5.8
Vascular and Interventional Radiology	269	20	7.4
Vascular Surgery	536	25	4.7

Source: National GME Census in GME Track® as of Sept. 6, 2018.

Note: Excludes 3 residents whose degree type is unknown.

ACGME Residents and Fellows Who Are International Medical Graduates (IMGs) by Specialty, 2017

Figure 2.5. Percentage of ACGME Residents and Fellows Who Are IMGs by Specialty, 2017



Source: National GME Census in GME Track® as of Sept. 6, 2018.

Note: Excludes 3 residents and fellows whose degree type is unknown.

The functionality of the chart may vary across devices and browsers.

Table 2.5. Number and Percentage of ACGME Residents and Fellows Who Are IMGs by Specialty, 2017

Specialty	Total Residents and Fellows	IMG Residents and Fellows	Percent
All Specialties	129,400	30,763	23.8
Allergy and Immunology	285	48	16.8
Anatomic/Clinical Pathology	2,264	990	43.7
Anesthesiology	5,884	762	13.0
Cardiovascular Disease	2,739	1,113	40.6
Child and Adolescent Psychiatry	919	301	32.8
Critical Care Medicine	2,138	860	40.2
Dermatology	1,383	49	3.5
Emergency Medicine	7,077	357	5.0
Endocrinology, Diabetes and Metabolism	671	344	51.3
Family Medicine/General Practice	11,351	3,280	28.9
Gastroenterology	1,536	487	31.7
General Surgery	8,703	1,324	15.2
Geriatric Medicine	273	145	53.1
Hematology and Oncology	1,728	706	40.9
Infectious Disease	742	299	40.3
Internal Medicine	25,773	9,957	38.6
Internal Medicine/Pediatrics	1,481	127	8.6
Interventional Cardiology	303	161	53.1
Neonatal-Perinatal Medicine	739	211	28.6
Nephrology	847	574	67.8
Neurological Surgery	1,418	111	7.8
Neurology	2,595	867	33.4
Neuroradiology	263	44	16.7
Obstetrics and Gynecology	5,227	492	9.4
Ophthalmology	1,314	53	4.0
Orthopedic Surgery	3,829	72	1.9
Otolaryngology	1,542	29	1.9
Pain Medicine and Pain Management	311	47	15.1
Pediatric Cardiology	447	95	21.3
Pediatric Hematology/Oncology	506	96	19.0
Pediatrics	8,748	1,597	18.3
Physical Medicine and Rehabilitation	1,288	156	12.1
Plastic Surgery	1,072	87	8.1
Preventive Medicine	300	55	18.3



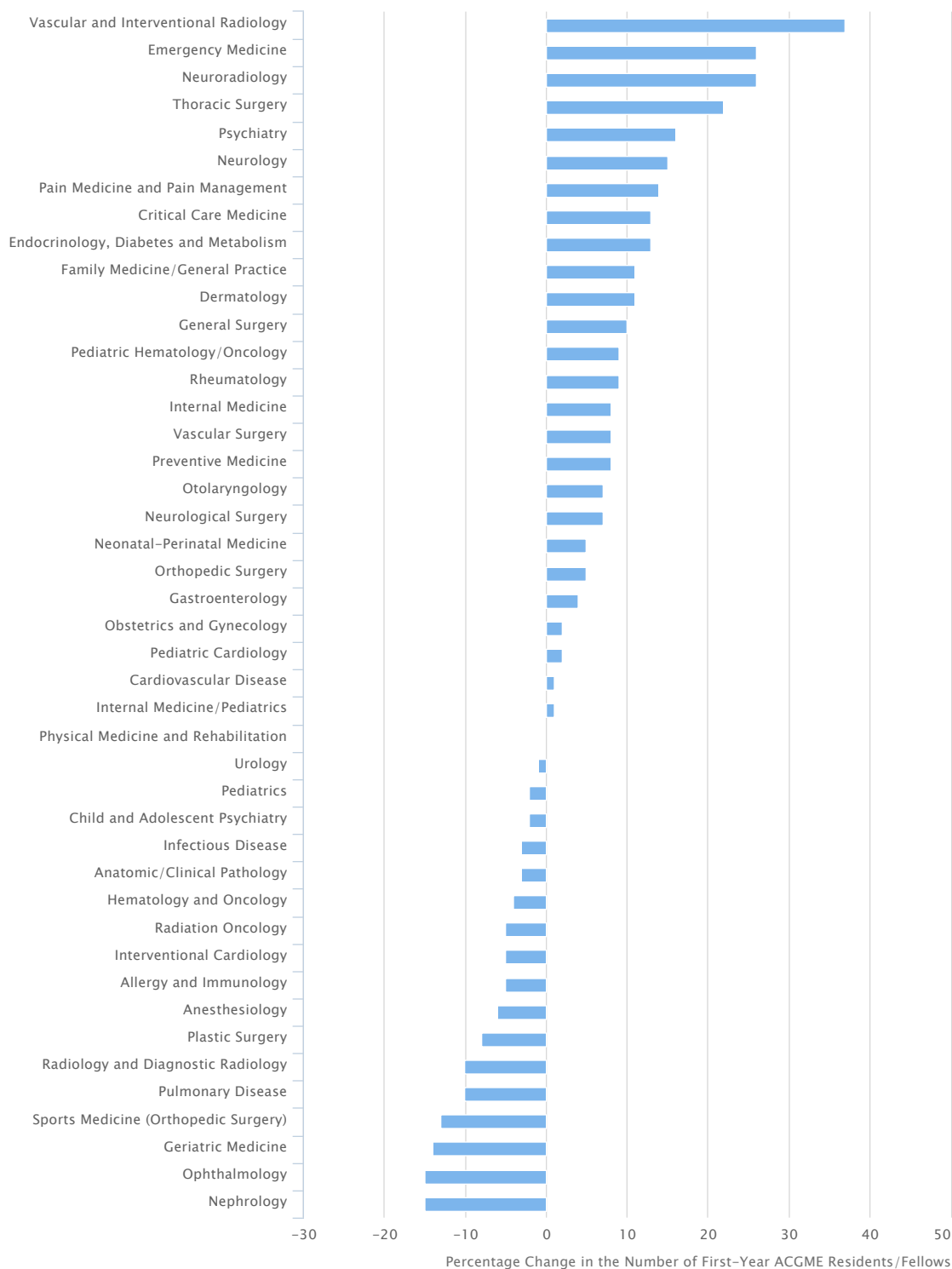
Specialty	Total Residents and Fellows	IMG Residents and Fellows	Percent
Psychiatry	5,743	1,522	26.5
Pulmonary Disease	70	61	87.1
Radiation Oncology	742	16	2.2
Radiology and Diagnostic Radiology	4,464	681	15.3
Rheumatology	479	209	43.6
Sports Medicine (Orthopedic Surgery)	157	10	6.4
Thoracic Surgery	441	56	12.7
Urology	1,301	49	3.8
Vascular and Interventional Radiology	269	31	11.5
Vascular Surgery	536	88	16.4

Source: National GME Census in GME Track® as of Sept. 6, 2018.

Note: Excludes 3 residents whose degree type is unknown.

Percentage Change in the Number of First-Year ACGME Residents and Fellows by Specialty, 2012–17

Figure 2.6. Percentage Change in the Number of First-Year ACGME Residents and Fellows by Specialty, 2012–17



Source: National GME Census in GME Track® as of Sept. 6, 2018.

The functionality of the chart may vary across devices and browsers.

Table 2.6. Percentage Change in the Number of First-Year ACGME Residents and Fellows by Specialty, 2012–17

Specialty	First-Year ACGME Residents and Fellows		Percentage Change
	2012	2017	
All Specialties	42,291	45,530	7.7
Allergy and Immunology	135	128	-5.2
Anatomic/Clinical Pathology	620	599	-3.4
Anesthesiology	1,680	1,573	-6.4
Cardiovascular Disease	880	893	1.5
Child and Adolescent Psychiatry	439	431	-1.8
Critical Care Medicine	788	890	12.9
Dermatology	406	451	11.1
Emergency Medicine	1,785	2,256	26.4
Endocrinology, Diabetes and Metabolism	287	323	12.5
Family Medicine/General Practice	3,487	3,886	11.4
Gastroenterology	480	501	4.4
General Surgery	2,247	2,461	9.5
Geriatric Medicine	301	258	-14.3
Hematology and Oncology	594	568	-4.4
Infectious Disease	370	358	-3.2
Internal Medicine	9,074	9,825	8.3
Internal Medicine/Pediatrics	371	374	0.8
Interventional Cardiology	295	281	-4.7
Neonatal-Perinatal Medicine	227	238	4.8
Nephrology	450	382	-15.1
Neurological Surgery	210	224	6.7
Neurology	686	787	14.7
Neuroradiology	191	241	26.2
Obstetrics and Gynecology	1,294	1,326	2.5
Ophthalmology	464	396	-14.7
Orthopedic Surgery	739	773	4.6
Otolaryngology	294	315	7.1
Pain Medicine and Pain Management	273	310	13.6
Pediatric Cardiology	144	147	2.1
Pediatric Hematology/Oncology	157	171	8.9
Pediatrics	2,905	2,854	-1.8
Physical Medicine and Rehabilitation	398	399	0.3
Plastic Surgery	248	227	-8.5
Preventive Medicine	138	149	8.0

Specialty	First-Year ACGME Residents and Fellows		Percentage Change
	2012	2017	
Psychiatry	1,483	1,727	16.5
Pulmonary Disease	40	36	-10.0
Radiation Oncology	192	183	-4.7
Radiology and Diagnostic Radiology	1,186	1,070	-9.8
Rheumatology	211	229	8.5
Sports Medicine (Orthopedic Surgery)	180	156	-13.3
Thoracic Surgery	121	148	22.3
Urology	303	300	-1.0
Vascular and Interventional Radiology	194	266	37.1
Vascular Surgery	172	186	8.1

Source: National GME Census in GME Track® as of Sept. 6, 2018.