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GRADUATE MEDICAL EDUCATION  
INTERNATIONAL

**DATA RESOURCE BOOK**  
ACADEMIC YEAR 2014-2015

*“We improve health care by assessing and advancing the quality of resident physicians’ education through accreditation. We protect the interests of residents and improve the quality of teaching, learning, research, and professional practice with the ultimate goal of benefitting the public that our accredited programs and graduates serve.”*

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### AGGREGATE DISTRIBUTIONS

**The data within this section represent all ACGME-I accredited programs (United Arab Emirates, Singapore, and Qatar).**

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# Distributions by Country



### Accreditation Statuses of Currently Accredited Programs, by Country

Country	Total Programs	Accreditation Status			
		Initial Accreditation		Continued Accreditation	
		#	%	#	%
<b>OVERALL</b>	99	12	100.0%	87	100.0%
United Arab Emirates	15	2	16.7%	13	14.9%
Singapore	70	3	25.0%	67	77.0%
Qatar	14	7	58.3%	7	8.0%

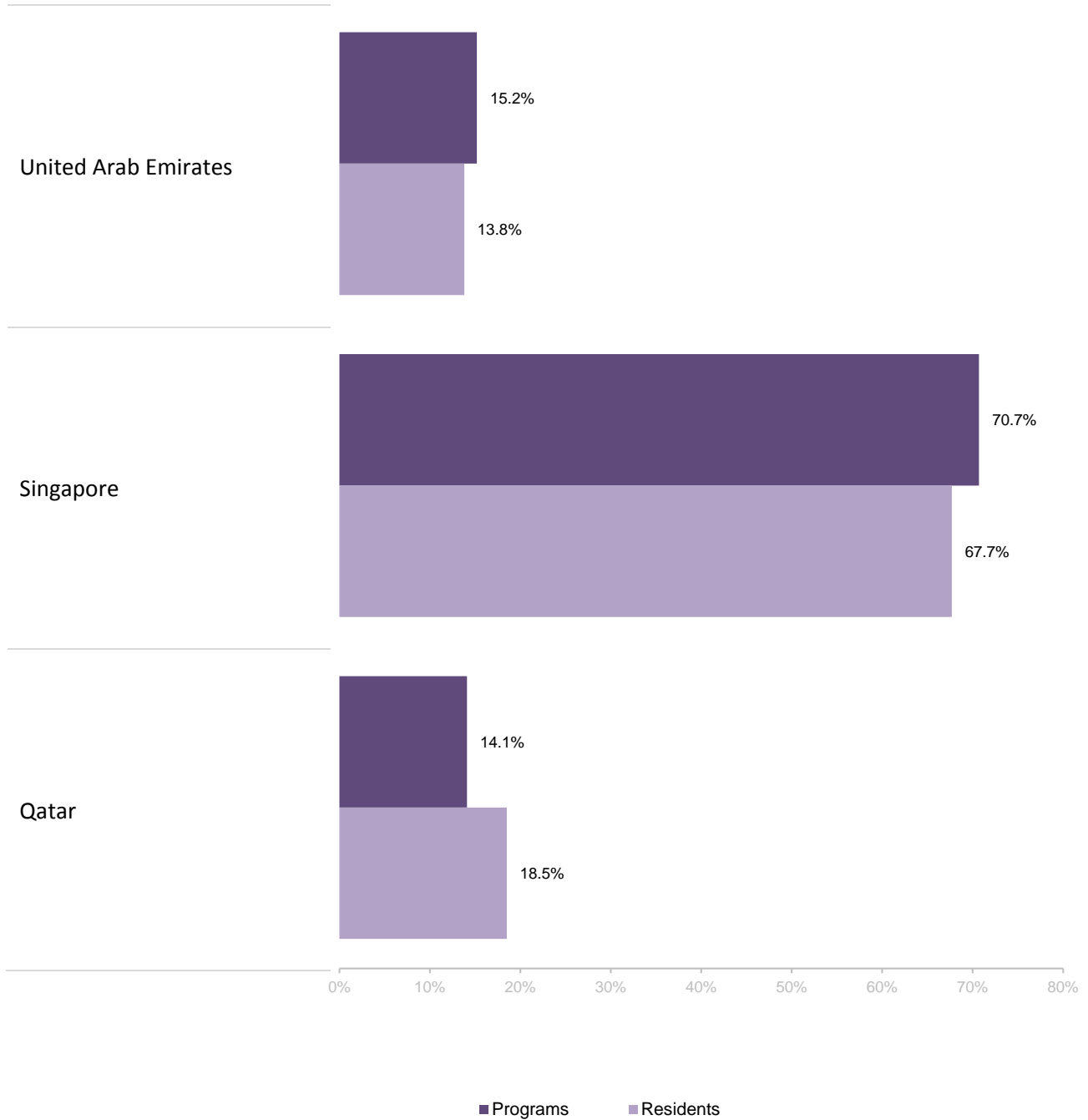
### Accredited Sponsoring Institutions and Programs, by Country

Country	Total Sponsoring Institutions		Total Programs	
	#	%	#	%
<b>OVERALL</b>	10	100.0%	99	100.0%
United Arab Emirates	6	60.0%	15	15.2%
Singapore	3	30.0%	70	70.7%
Qatar	1	10.0%	14	14.1%

### Number of Residents, by Country and Status

Country	Total Programs	Resident Status											
		Active Full-Time		Active Part-Time		Completed all Training		Leave of Absence		Transferred to Another Program		Withdrew from Program	
		#	%	#	%	#	%	#	%	#	%	#	%
<b>OVERALL</b>	99	2,260	100.0%	1	100.0%	444	100.0%	127	100.0%	4	100.0%	72	100.0%
United Arab Emirates	15	313	13.8%	.	.	58	13.1%	3	2.4%	2	50.0%	12	16.7%
Singapore	70	1,530	67.7%	.	.	307	69.1%	123	96.9%	.	.	38	52.8%
Qatar	14	417	18.5%	1	100.0%	79	17.8%	1	0.8%	2	50.0%	22	30.6%

### Percentage of Programs and Residents, by Country



Note: The percentages represent the number of institutions/programs/on duty residents in each specialty divided by all institutions/programs/on duty residents in specialty programs.



**Accredited Programs and Residents on Duty,  
by Specialty and Country**

Specialty	United Arab Emirates				Singapore				Qatar			
	Program		Resident		Program		Resident		Program		Resident	
	N	%	N	%	N	%	N	%	N	%	N	%
<b>OVERALL</b>	15	100.0%	313	100.0%	70	100.0%	1530	100.0%	14	100.0%	418	100.0%
Anesthesiology	.	.	.	.	3	4.3%	97	6.3%	1	7.1%	15	3.6%
Emergency medicine	2	13.3%	41	13.1%	3	4.3%	72	4.7%	1	7.1%	36	8.6%
Family medicine	2	13.3%	60	19.2%	3	4.3%	110	7.2%	1	7.1%	32	7.7%
Internal medicine	3	20.0%	71	22.7%	3	4.3%	362	23.7%	1	7.1%	109	26.1%
- Cardiovascular disease	.	.	.	.	3	4.3%	30	2.0%	.	.	.	.
- Endocrinology, diabetes, and metabolism	.	.	.	.	3	4.3%	11	0.7%	.	.	.	.
- Gastroenterology	.	.	.	.	3	4.3%	20	1.3%	.	.	.	.
- Hematology	.	.	.	.	3	4.3%	15	1.0%	.	.	.	.
- Infectious disease	.	.	.	.	2	2.9%	9	0.6%	.	.	.	.
- Oncology	.	.	.	.	3	4.3%	9	0.6%	.	.	.	.
- Nephrology	.	.	.	.	3	4.3%	19	1.2%	.	.	.	.
- Pulmonary disease	.	.	.	.	3	4.3%	14	0.9%	.	.	.	.
- Rheumatology	.	.	.	.	3	4.3%	20	1.3%	.	.	.	.
- Geriatric medicine	.	.	.	.	3	4.3%	5	0.3%	.	.	.	.
Obstetrics and gynecology	2	13.3%	26	8.3%	2	2.9%	55	3.6%	1	7.1%	34	8.1%
Ophthalmology	.	.	.	.	3	4.3%	38	2.5%	1	7.1%	5	1.2%
Orthopaedic surgery	.	.	.	.	3	4.3%	67	4.4%	1	7.1%	32	7.7%
Otolaryngology	.	.	.	.	3	4.3%	33	2.2%	1	7.1%	8	1.9%
Pathology	.	.	.	.	3	4.3%	12	0.8%	.	.	.	.
Pediatrics	3	20.0%	69	22.0%	2	2.9%	83	5.4%	1	7.1%	46	11.0%
Preventive medicine	.	.	.	.	1	1.4%	14	0.9%	.	.	.	.
Psychiatry	2	13.3%	22	7.0%	1	1.4%	56	3.7%	1	7.1%	24	5.7%
Radiology-diagnostic	.	.	.	.	3	4.3%	83	5.4%	1	7.1%	33	7.9%
Surgery	1	6.7%	24	7.7%	3	4.3%	92	6.0%	1	7.1%	28	6.7%
Urology	.	.	.	.	.	.	.	.	1	7.1%	10	2.4%
Transitional year	.	.	.	.	5	7.1%	204	13.3%	1	7.1%	6	1.4%

**Mean Number of Core Faculty,  
by Specialty and Country**

Specialty	Overall			United Arab Emirates			Singapore			Qatar		
	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean
<b>OVERALL</b>	1	31	9.3	3	15	6.1	1	30	10.2	2	31	10.2
Anesthesiology	7	26	13	.	.	.	8	26	15	7	7	7
Emergency medicine	4	10	6.7	4	7	5.5	5	10	7.3	7	7	7
Family medicine	5	14	9	5	11	8	5	14	10	8	8	8
Internal medicine	4	31	17.6	4	6	5.3	21	30	25.3	31	31	31
Obstetrics and gynecology	2	11	6.4	4	4	4	2	11	6.5	11	11	11
Ophthalmology	2	7	4.5	.	.	.	4	7	5.3	2	2	2
Orthopaedic surgery	8	11	9	.	.	.	8	11	9.3	8	8	8
Otolaryngology	3	4	3.3	.	.	.	3	4	3.3	3	3	3
Pathology	1	7	4	.	.	.	1	7	4	.	.	.
Pediatrics	3	14	7.7	3	7	5.3	8	14	11	8	8	8
Preventive medicine	14	14	14	.	.	.	14	14	14	.	.	.
Psychiatry	4	12	7	4	5	4.5	12	12	12	7	7	7
Radiology-diagnostic	5	12	9.3	.	.	.	5	11	8.3	12	12	12
Surgery	9	21	13.4	15	15	15	9	21	14.3	9	9	9
Urology	8	8	8	.	.	.	.	.	.	8	8	8
Transitional year	7	22	12	.	.	.	7	15	10	22	22	22



# **Aggregate Distributions**

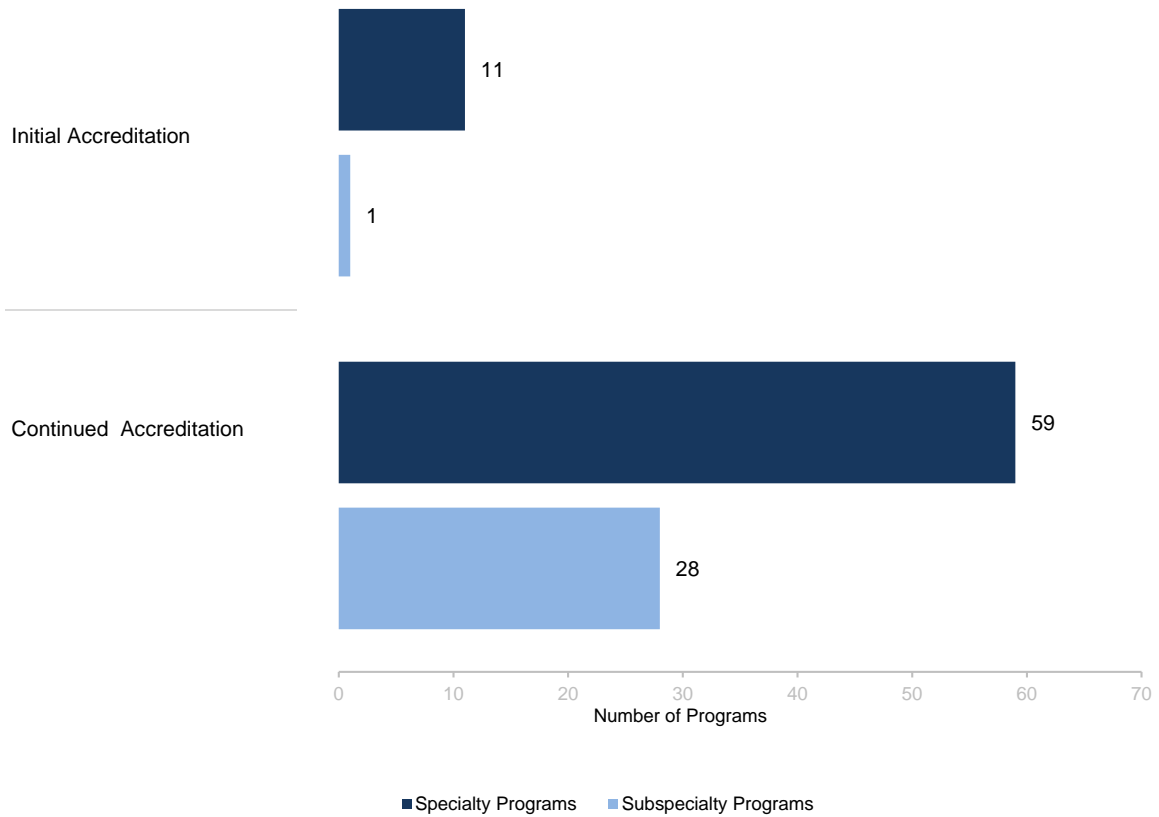
## **All Countries**

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### Accreditation Statuses of Currently Accredited Programs

Total Accredited Programs = 99

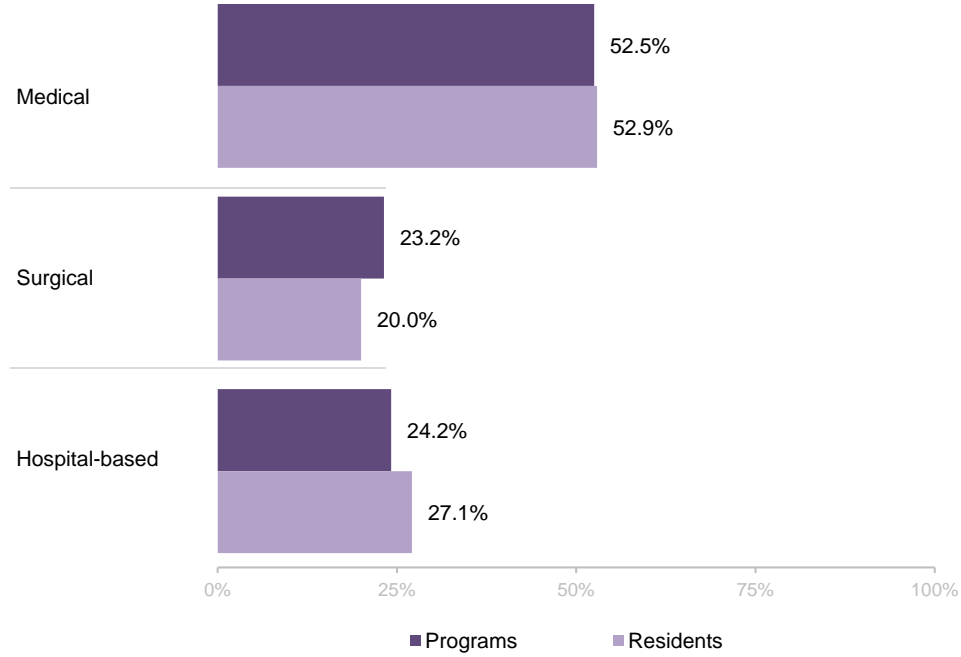


### Accreditation Statuses of Currently Accredited Programs, by Specialty

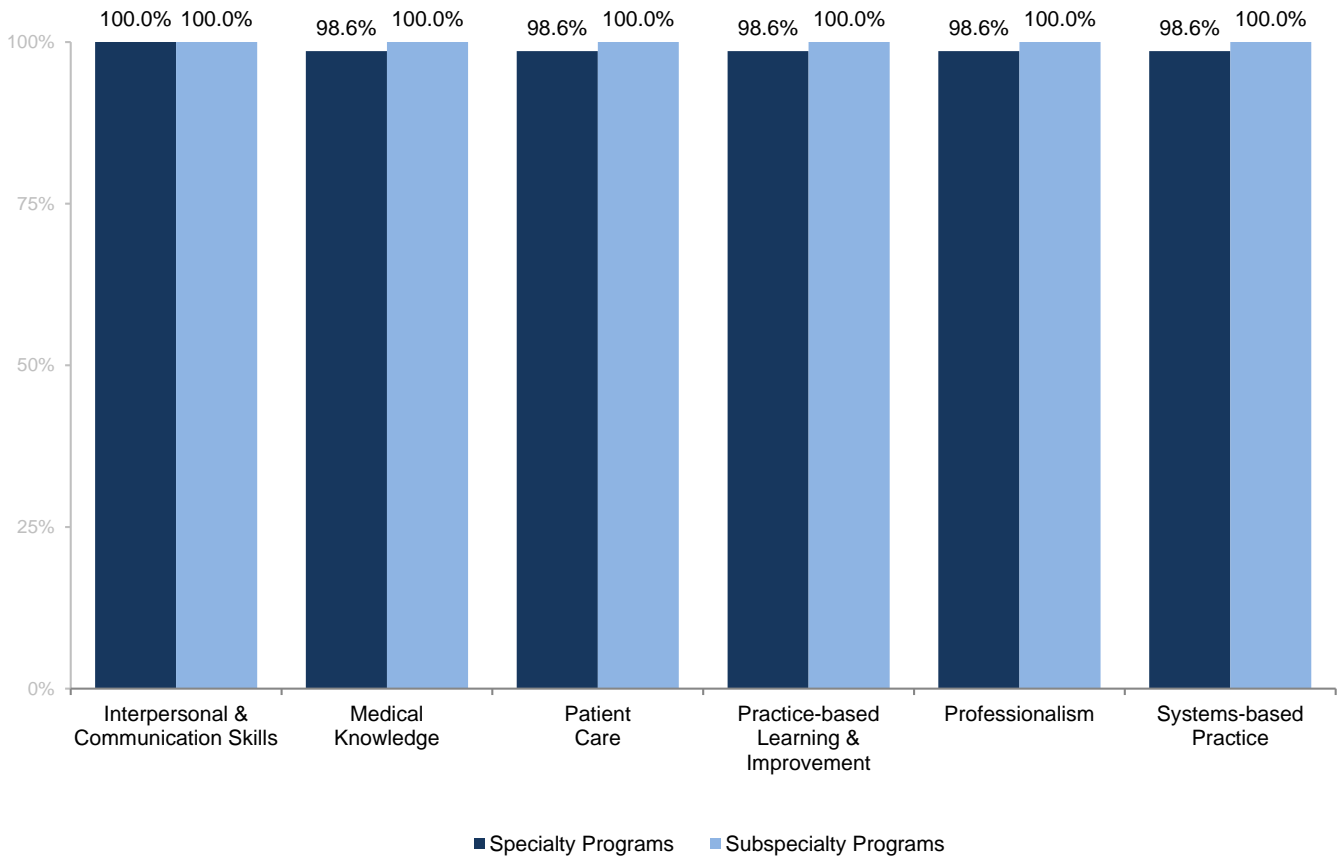
Specialty	Total Programs	Accreditation Status			
		Initial Accreditation		Continued Accreditation	
		#	%	#	%
OVERALL	99	12	12.1%	87	87.9%
Anesthesiology	4	1	25.0%	3	75.0%
Emergency medicine	6	.	.	6	100.0%
Family medicine	6	.	.	6	100.0%
Internal medicine	7	.	.	7	100.0%
- Cardiovascular disease	3	.	.	3	100.0%
- Endocrinology, diabetes, and metabolism	3	1	33.3%	2	66.7%
- Gastroenterology	3	.	.	3	100.0%
- Geriatric medicine	3	.	.	3	100.0%
- Hematology	2	.	.	2	100.0%
- Infectious disease	3	.	.	3	100.0%
- Nephrology	3	.	.	3	100.0%
- Oncology	3	.	.	3	100.0%
- Pulmonary disease	3	.	.	3	100.0%
- Rheumatology	3	.	.	3	100.0%
Obstetrics and gynecology	5	3	60.0%	2	40.0%
Ophthalmology	4	1	25.0%	3	75.0%
Orthopaedic surgery	4	1	25.0%	3	75.0%
Otolaryngology	4	1	25.0%	3	75.0%
Pathology	3	.	.	3	100.0%
Pediatrics	6	.	.	6	100.0%
Preventive medicine	1	.	.	1	100.0%
Psychiatry	4	.	.	4	100.0%
Radiology-diagnostic	4	.	.	4	100.0%
Surgery	5	1	20.0%	4	80.0%
Urology	1	.	.	1	100.0%
Transitional year	6	3	50.0%	3	50.0%

### Percent of Programs and Residents in Specialties, by Specialty Group

Specialty Programs = 99 Residents in Specialties = 2,261



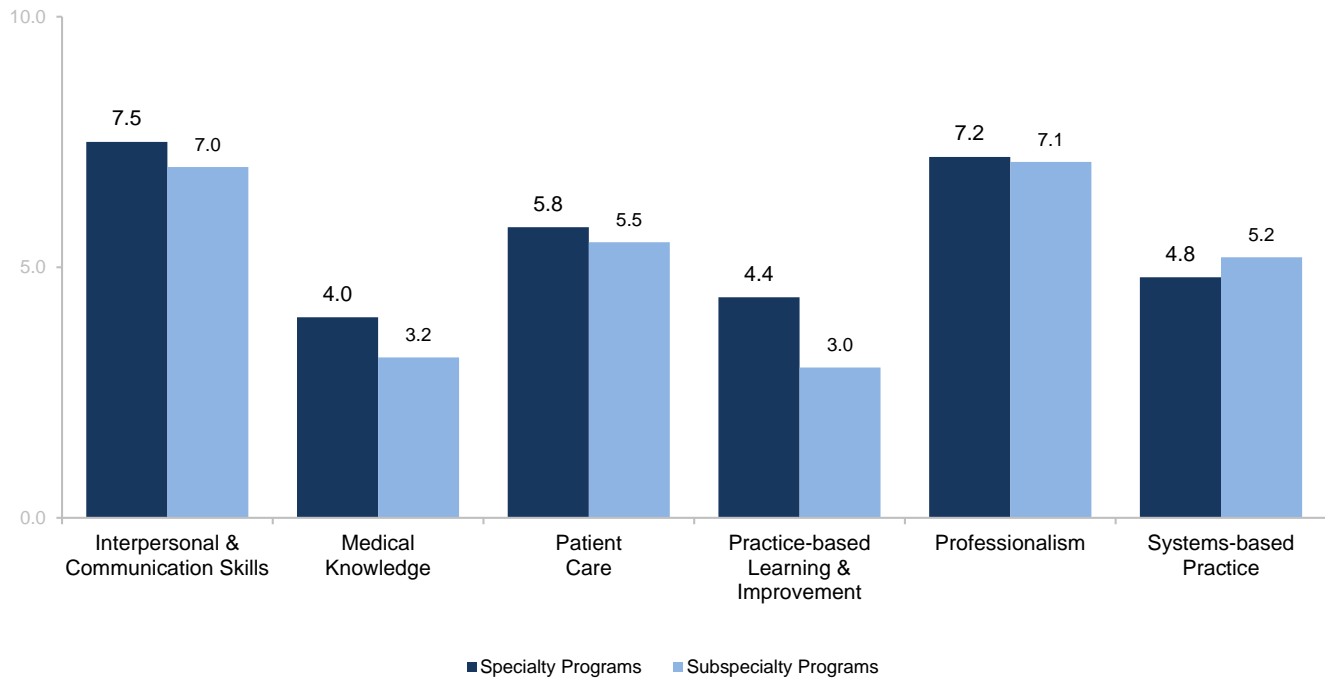
### Percentage of Programs Assessing Each of the Competencies



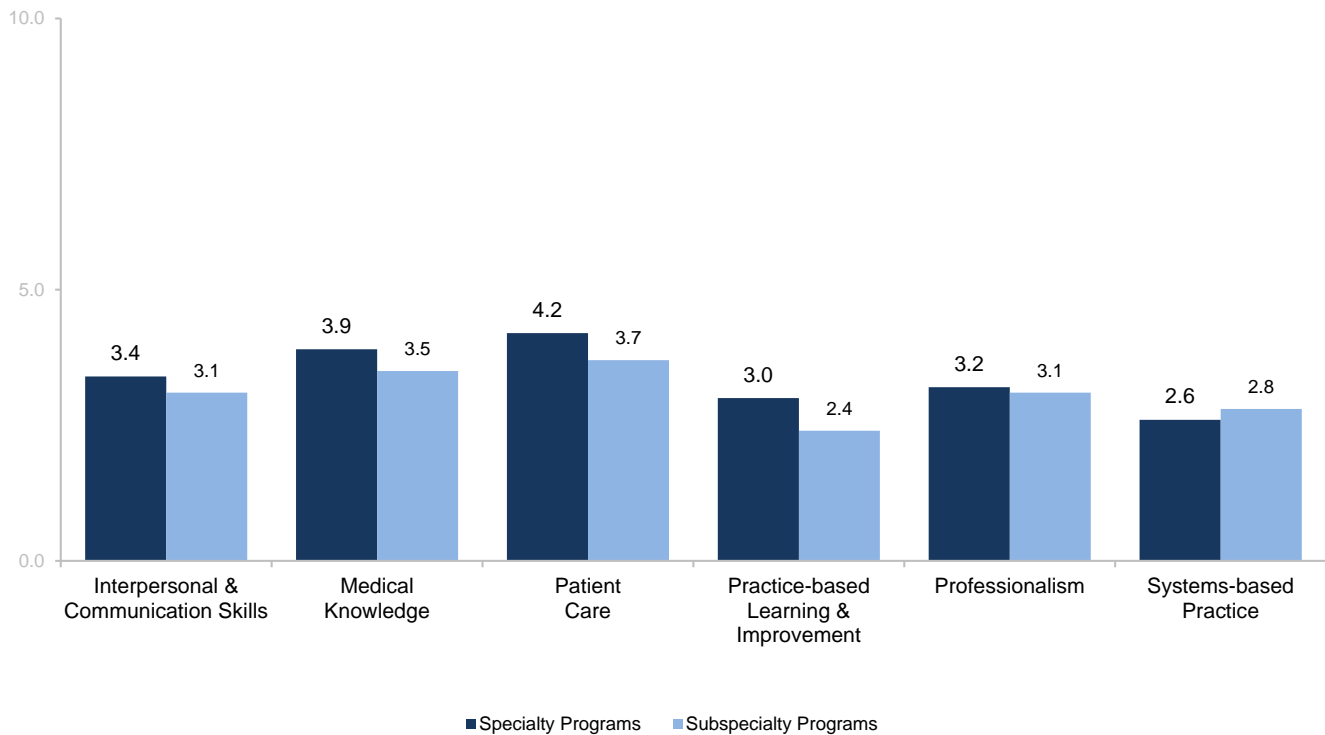
Note: All accredited programs completed these data. Number of Programs: Specialties = 70; Subspecialties = 29.



### Mean Number of Evaluators for Each Competency

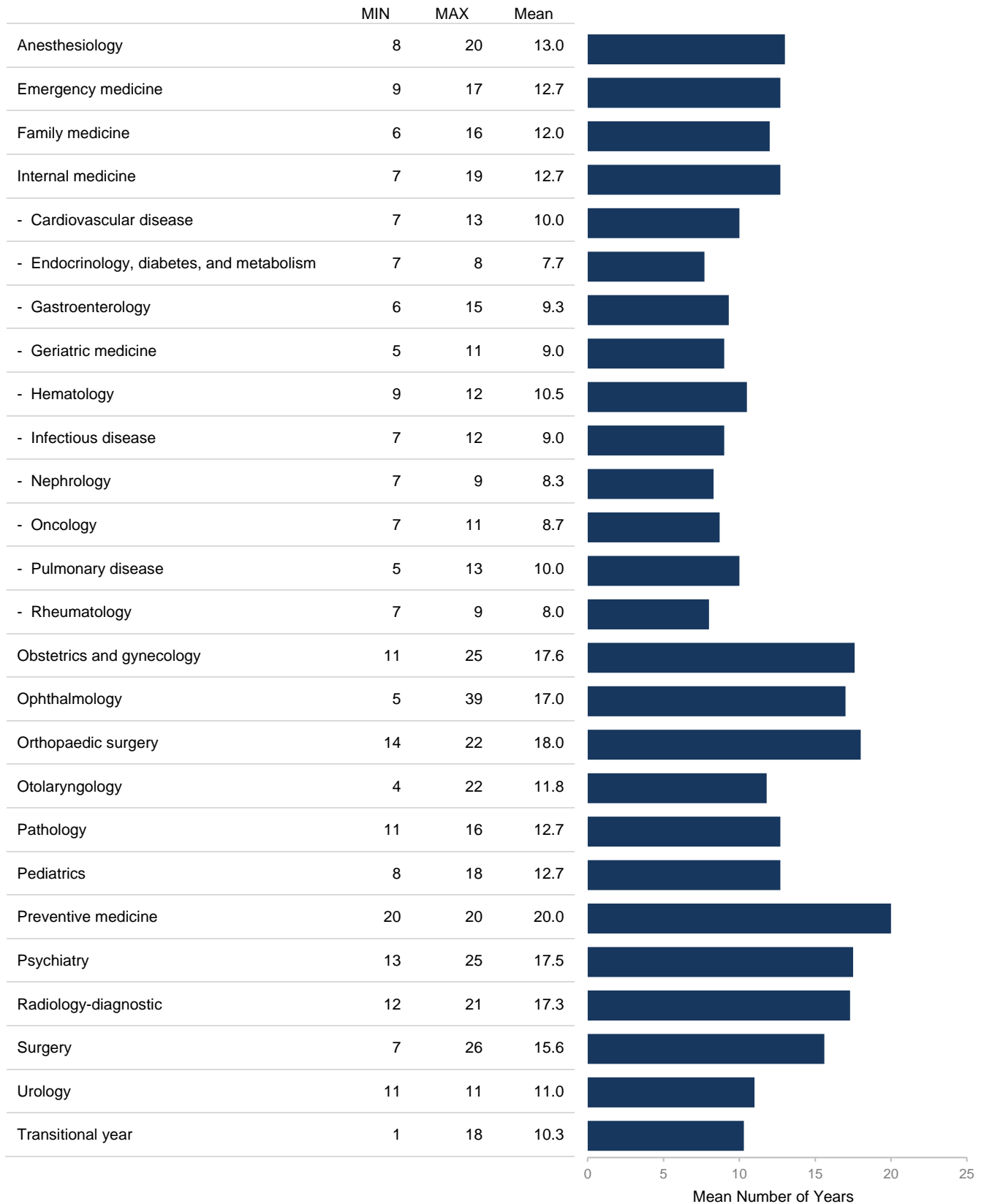


### Mean Number of Assessment Methods for Each Competency

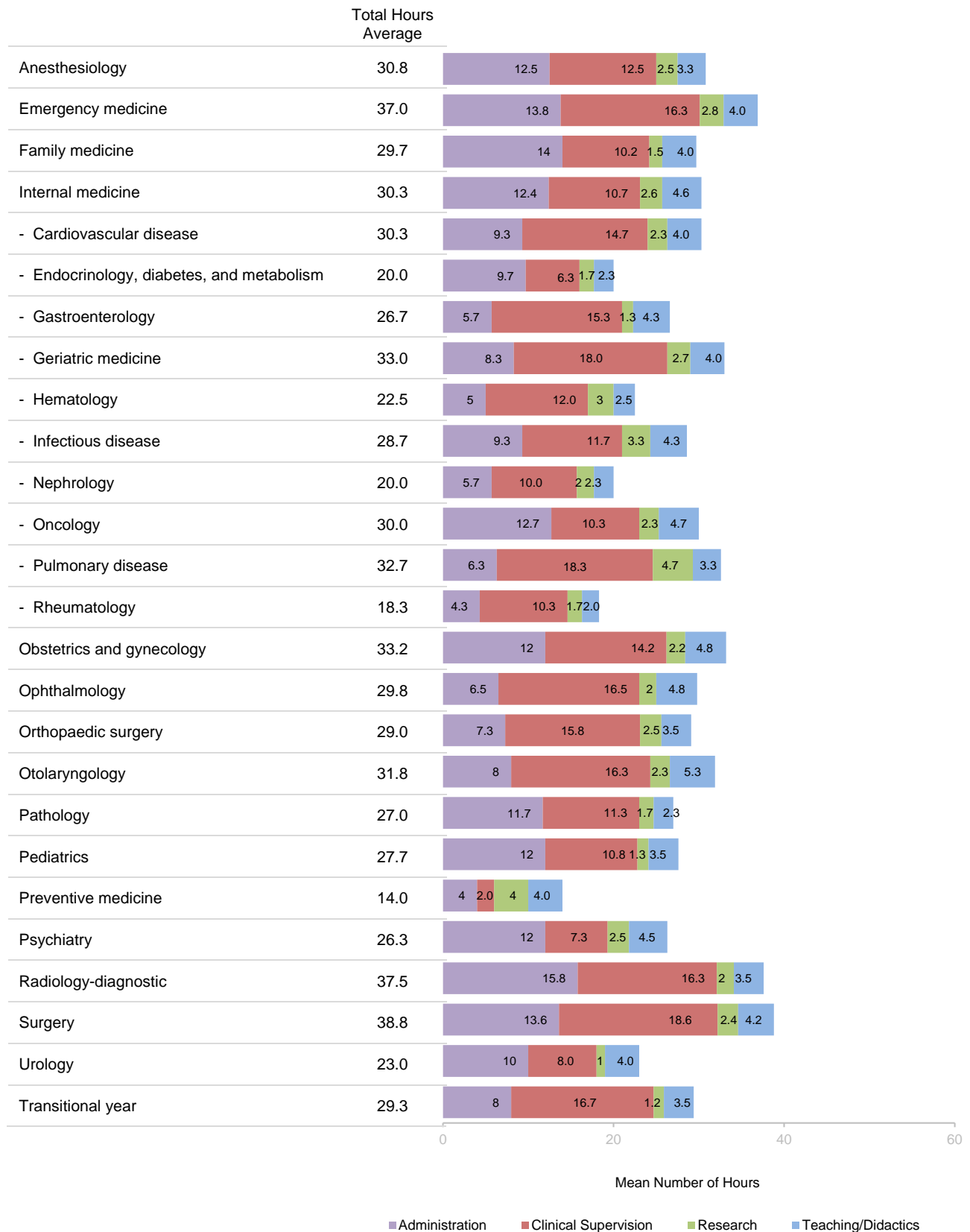


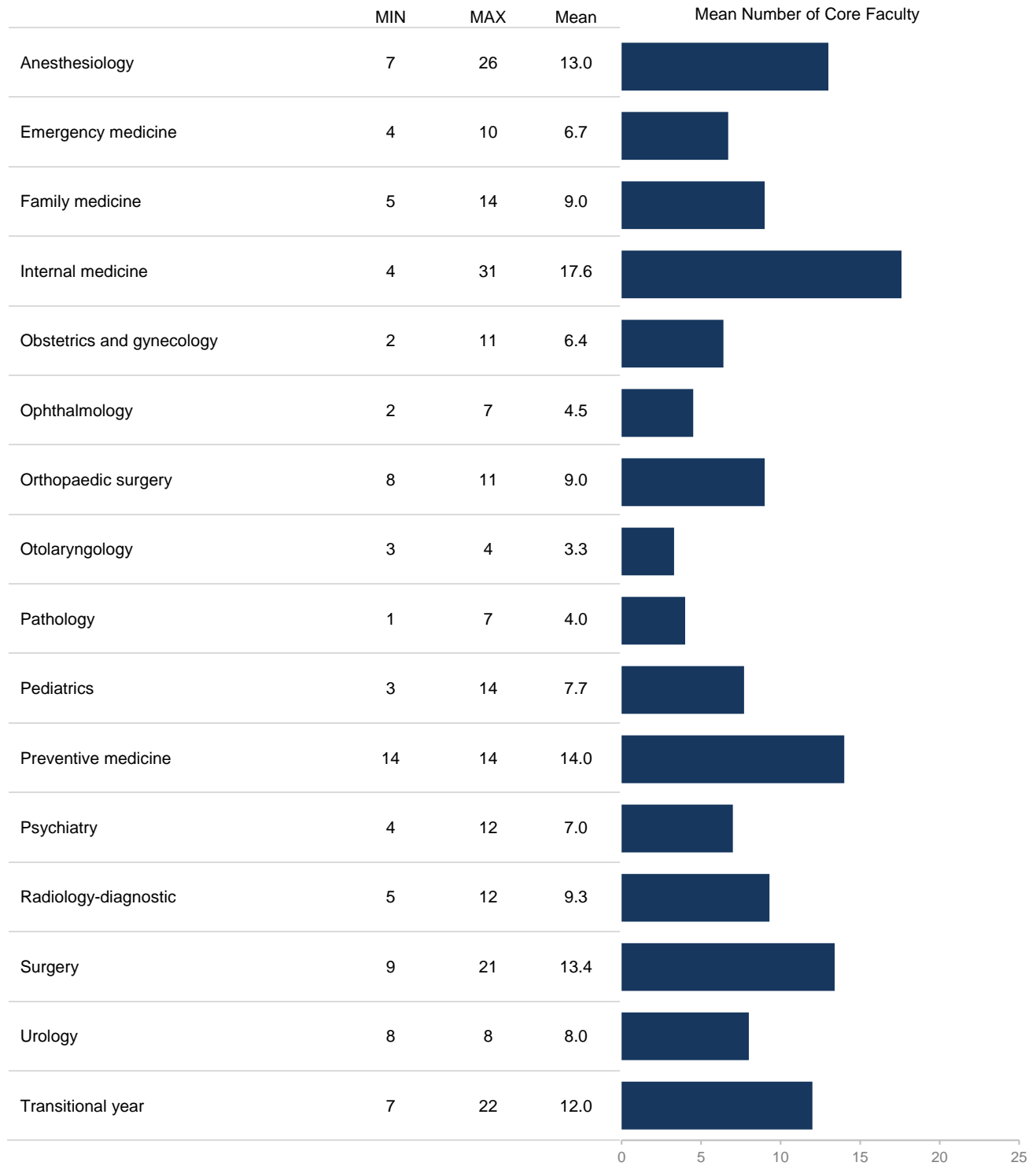
Note: All accredited programs completed these data. Number of Programs: Specialties = 70; Subspecialties = 29.

**Mean Length in Years Current Program Directors Have Taught in Their Specialty**



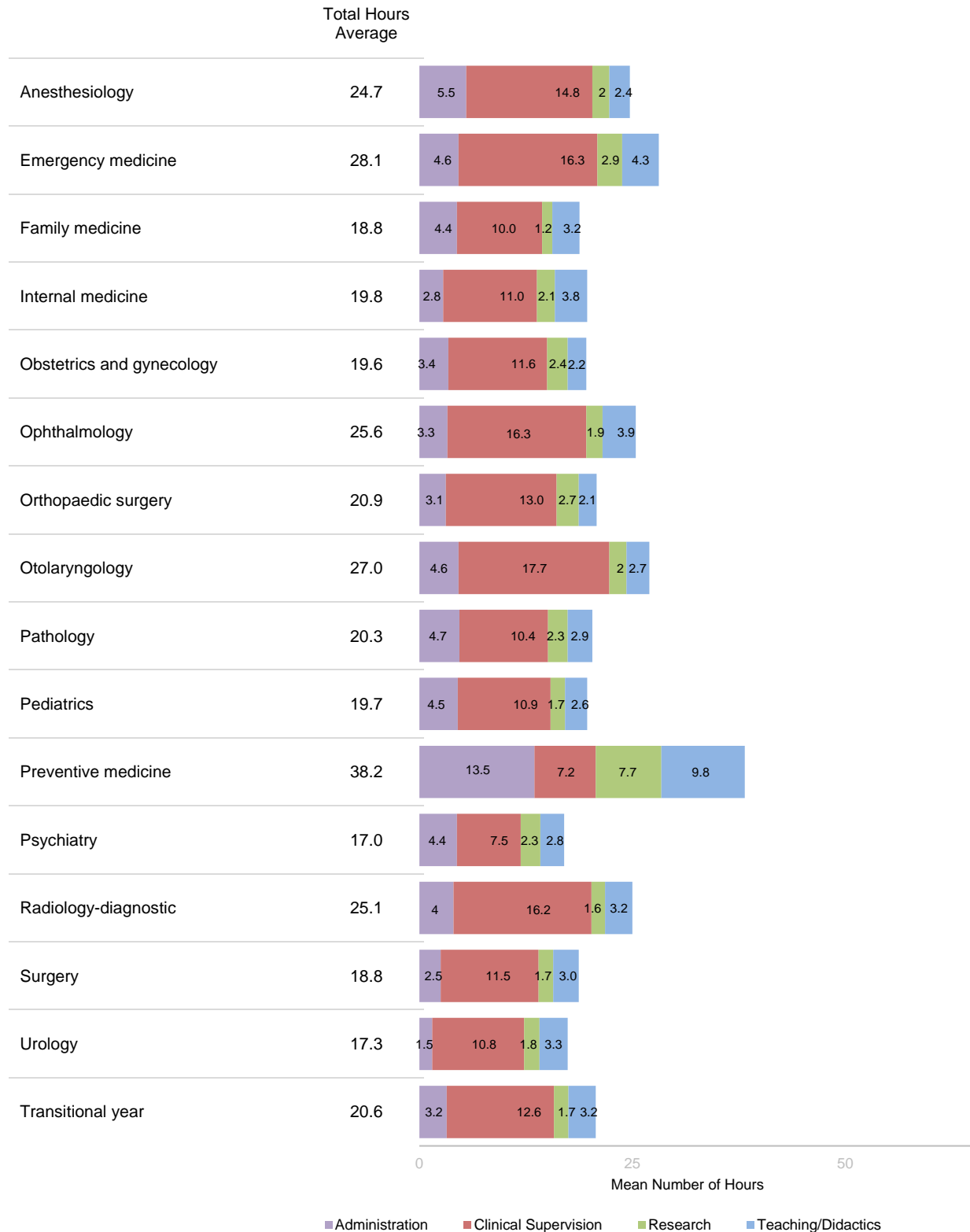
### Mean Number of Hours per Week Spent by Program Directors in Key Areas, by Specialty



**Mean Number of Core Faculty, by Specialty**

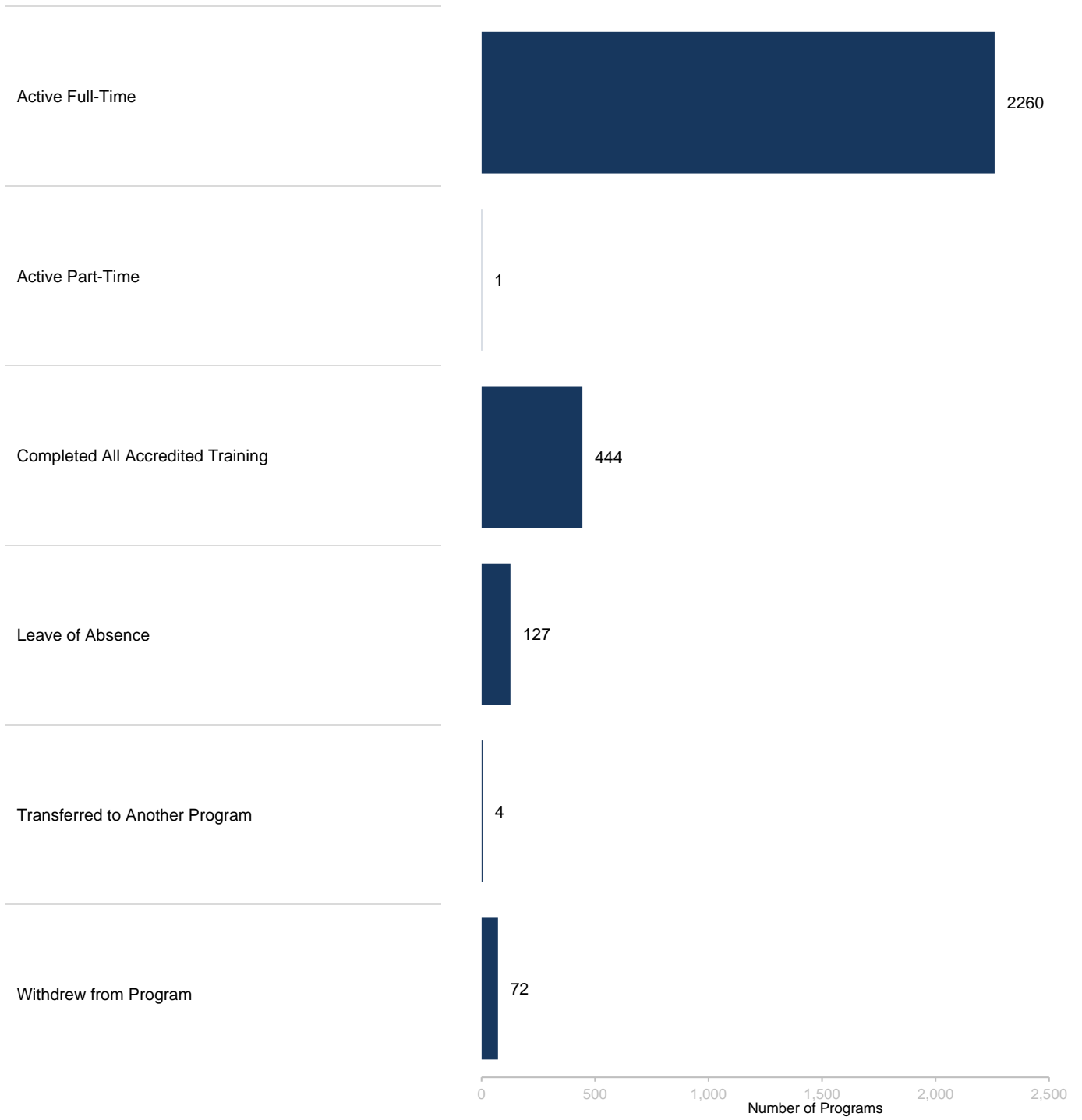
Note: Core faculty in specialty programs include faculty, other than program directors, who devote at least 15 hours per week to resident education and administration. Core faculty should also evaluate the competency domains, work closely with and support the program director, assist in developing and implementing evaluation systems, and teach and advise residents.

### Mean Number of Hours per Week Spent by Core Faculty in Key Areas, by Specialty



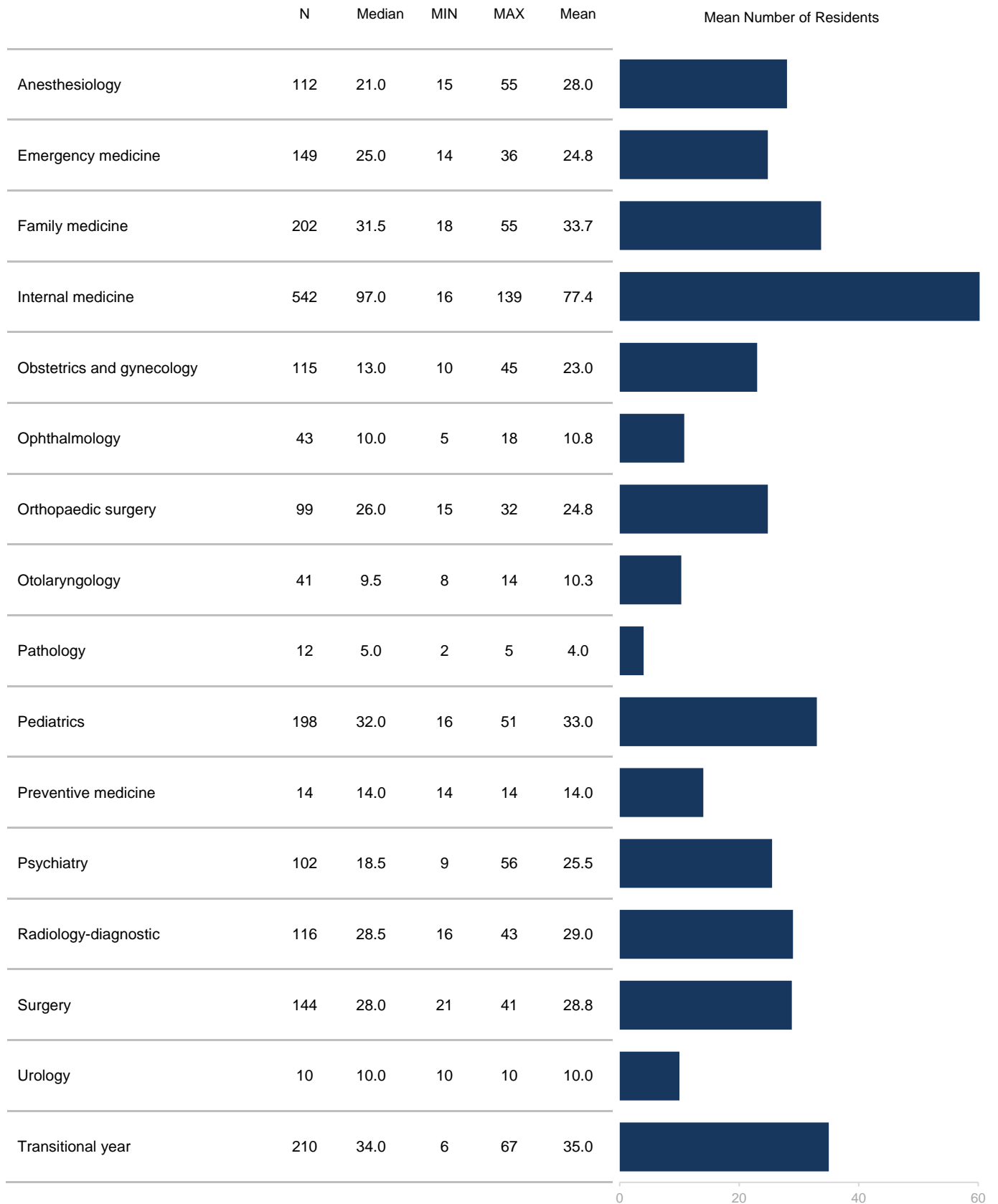
Note: Core faculty in specialty programs include faculty, other than program directors, who devote at least 15 hours per week to resident education and administration. Core faculty should also evaluate the competency domains, work closely with and support the program director, assist in developing and implementing evaluation systems, and teach and advise residents.

**Number of Residents, by Status**



Note: For the statuses Completed All Accredited Training, Completed Preliminary Training, Unsuccessfully Completed Program, Transferred, Withdrew, Dismissed, and Deceased, the resident left or completed the program between 9/1/2013 and 8/31/2014. All other statuses reflect the current academic year (7/1/2014 through 6/30/2015).

**Mean Number of Residents per Program, by Specialty**

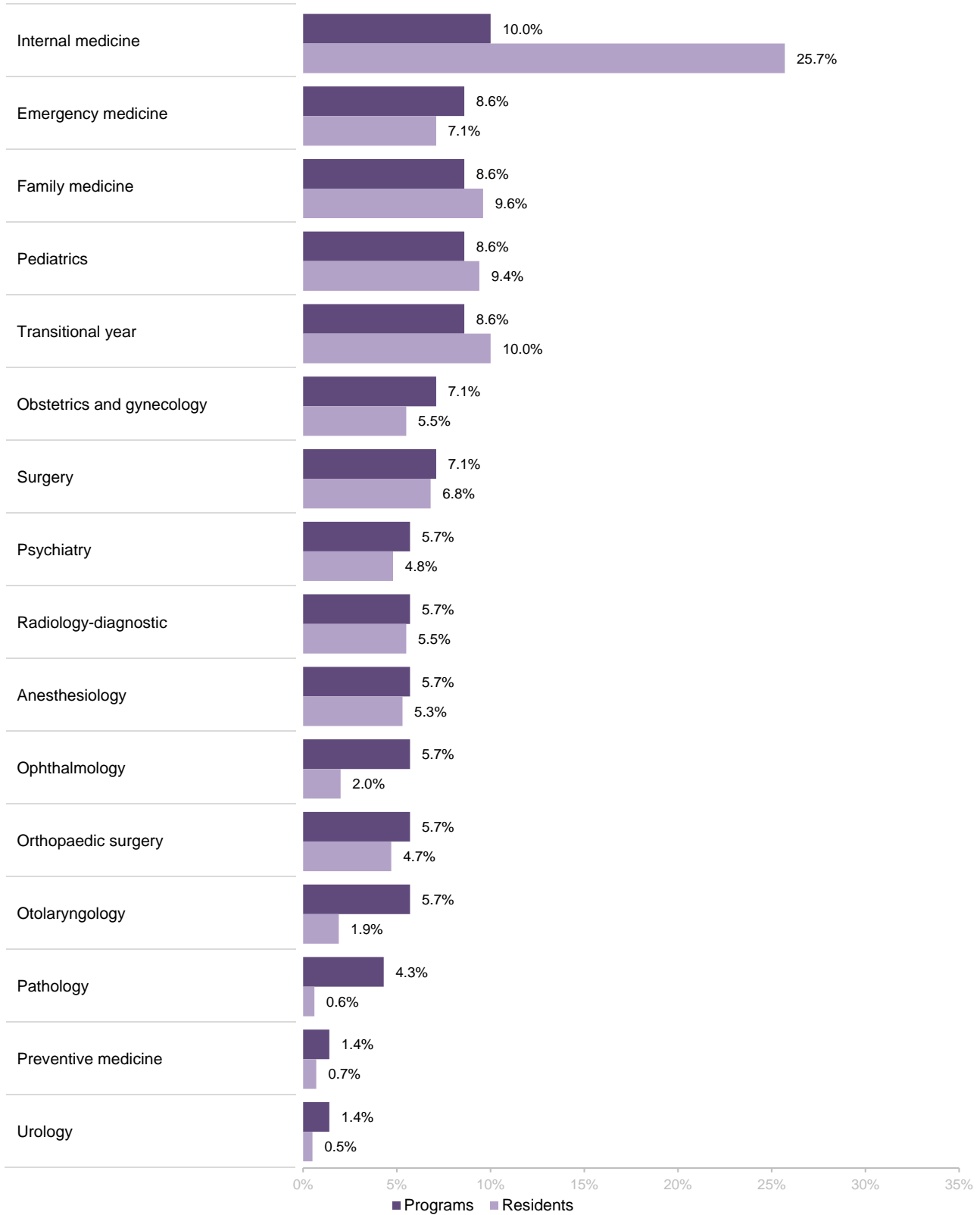


**Number of Residents, by Specialty and Resident Year**

Specialty	Number	Resident Year				
		1	2	3	4	5
		#	#	#	#	#
OVERALL	2,261	846	690	546	166	13
Anesthesiology	112	35	42	35	.	.
Emergency medicine	149	29	43	42	35	.
Family medicine	202	70	66	66	.	.
Internal medicine	542	198	173	171	.	.
- Cardiovascular disease	30	11	18	1	.	.
- Endocrinology, diabetes, and metabolism	11	3	8	.	.	.
- Gastroenterology	20	8	12	.	.	.
- Hematology	9	5	4	.	.	.
- Infectious disease	9	6	3	.	.	.
- Oncology	14	5	9	.	.	.
- Nephrology	19	8	11	.	.	.
- Pulmonary disease	20	4	16	.	.	.
- Rheumatology	5	5	.	.	.	.
- Geriatric medicine	15	10	5	.	.	.
Obstetrics and gynecology	115	22	35	26	32	.
Ophthalmology	43	18	16	9	.	.
Orthopaedic surgery	99	31	33	26	9	.
Otolaryngology	41	9	11	15	6	.
Pathology	12	2	7	3	.	.
Pediatrics	198	66	72	59	1	.
Preventive medicine	14	3	6	5	.	.
Psychiatry	102	24	33	22	23	.
Radiology-diagnostic	116	29	32	25	30	.
Surgery	144	33	32	38	28	13
Urology	10	2	3	3	2	.
Transitional year	210	210	.	.	.	.

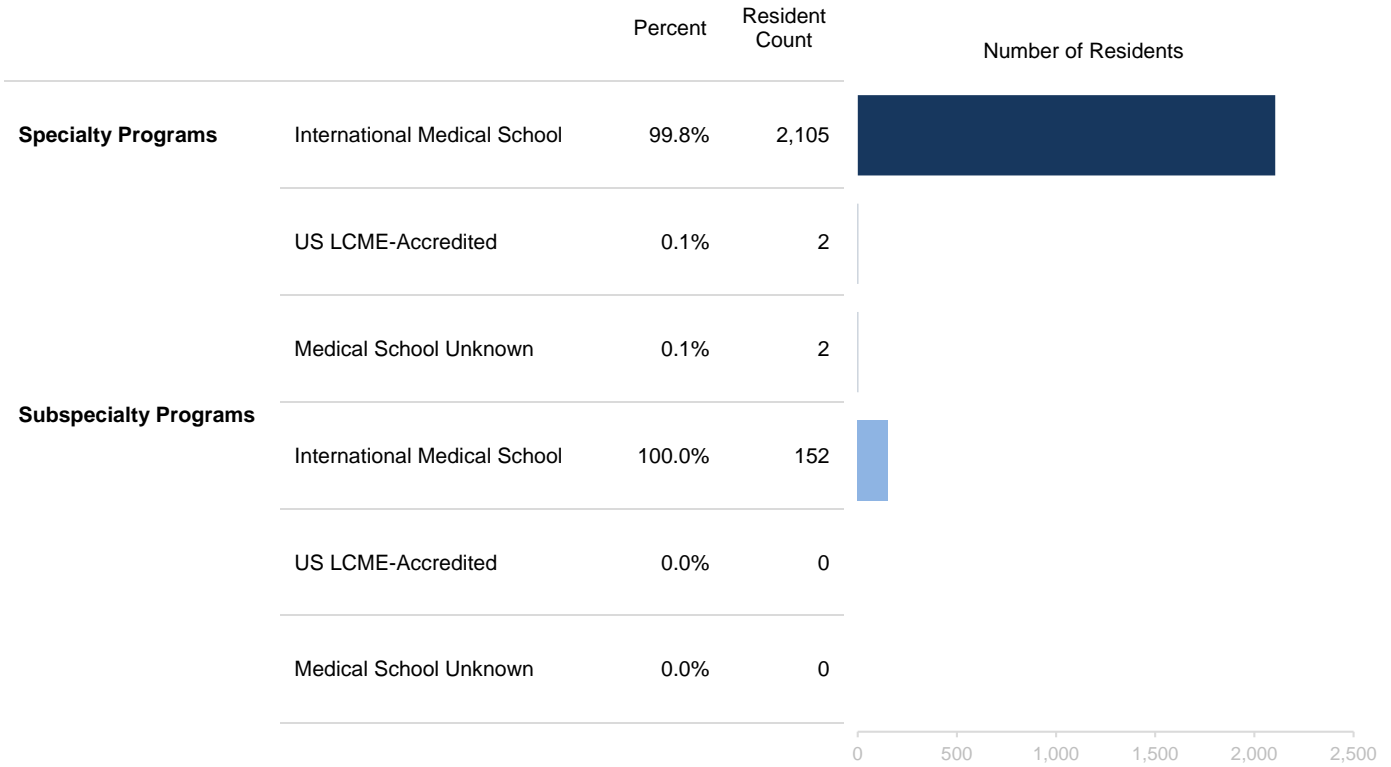


**Percentage of Programs and Residents in Each Specialty**



**Number of Residents, by Medical School Type**

Total Residents = 2,261



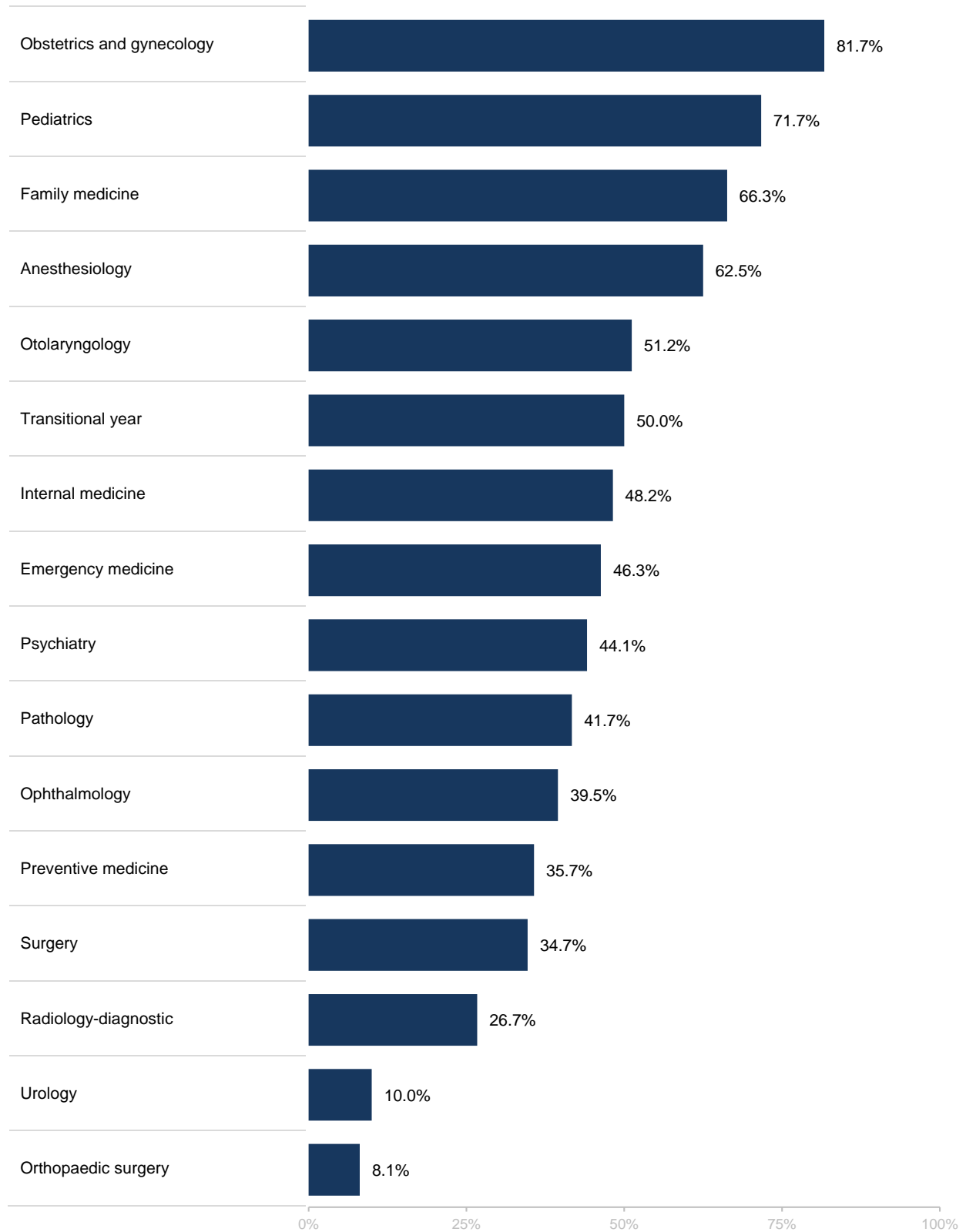
**Number of Residents, by Medical School Type and Specialty**

Specialty	Total Residents	Medical School Type					
		International Medical School		US LCME-Accredited Medical School		Medical School Unknown	
		#	%	#	%	#	%
OVERALL	2,261	2,257	98.8%	2	0.1%	2	0.1%
Anesthesiology	112	112	100.0%	.	.	.	.
Emergency medicine	149	149	100.0%	.	.	.	.
Family medicine	202	202	100.0%	.	.	.	.
Internal medicine	542	539	99.4%	1	0.2%	2	0.4%
- Cardiovascular disease	30	30	100.0%	.	.	.	.
- Endocrinology, diabetes, and metabolism	11	11	100.0%	.	.	.	.
- Gastroenterology	20	20	100.0%	.	.	.	.
- Hematology	15	15	100.0%	.	.	.	.
- Infectious disease	9	9	100.0%	.	.	.	.
- Oncology	9	9	100.0%	.	.	.	.
- Nephrology	19	19	100.0%	.	.	.	.
- Pulmonary disease	14	14	100.0%	.	.	.	.
- Rheumatology	20	20	100.0%	.	.	.	.
- Geriatric medicine	5	5	100.0%	.	.	.	.
Obstetrics and gynecology	115	115	100.0%	.	.	.	.
Ophthalmology	43	43	100.0%	.	.	.	.
Orthopaedic surgery	99	99	100.0%	.	.	.	.
Otolaryngology	41	41	100.0%	.	.	.	.
Pathology	12	12	100.0%	.	.	.	.
Pediatrics	198	198	100.0%	.	.	.	.
Preventive medicine	14	14	100.0%	.	.	.	.
Psychiatry	102	102	100.0%	.	.	.	.
Radiology-diagnostic	116	116	100.0%	.	.	.	.
Surgery	144	143	99.3%	1	0.7%	.	.
Urology	10	10	100.0%	.	.	.	.
Transitional year	210	210	100.0%	.	.	.	.

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

Specialty	Total Programs	Total Residents	Sex					
			Female		Male		Not Reported	
			#	%	#	%	#	%
OVERALL	99	2,261	1,152	51.0%	1,081	47.8%	28	1.2%
Anesthesiology	4	112	70	62.5%	41	36.6%	1	0.9%
Emergency medicine	6	149	69	46.3%	80	53.7%	.	.
Family medicine	6	202	134	66.3%	68	33.7%	.	.
Internal medicine	7	542	261	48.2%	261	48.2%	20	3.7%
- Cardiovascular disease	3	30	15	50.0%	15	50.0%	.	.
- Endocrinology, diabetes, and metabolism	3	11	7	63.6%	4	36.4%	.	.
- Gastroenterology	3	20	8	40.0%	12	60.0%	.	.
- Geriatric medicine	3	15	12	80.0%	3	20.0%	.	.
- Hematology	2	9	5	55.6%	4	44.4%	.	.
- Infectious disease	3	9	6	66.7%	3	33.3%	.	.
- Nephrology	3	19	12	63.2%	7	36.8%	.	.
- Oncology	3	14	10	71.4%	4	28.6%	.	.
- Pulmonary disease	3	20	15	75.0%	5	25.0%	.	.
- Rheumatology	3	5	4	80.0%	1	20.0%	.	.
Obstetrics and gynecology	5	115	94	81.7%	21	18.3%	.	.
Ophthalmology	4	43	17	39.5%	24	55.8%	2	4.7%
Orthopaedic surgery	4	99	8	8.1%	91	91.9%	.	.
Otolaryngology	4	41	21	51.2%	20	48.8%	.	.
Pathology	3	12	5	41.7%	7	58.3%	.	.
Pediatrics	6	198	142	71.7%	55	27.8%	1	0.5%
Preventive medicine	1	14	5	35.7%	9	64.3%	.	.
Psychiatry	4	102	45	44.1%	56	54.9%	1	1.0%
Radiology-diagnostic	4	116	31	26.7%	85	73.3%	.	.
Surgery	5	144	50	34.7%	94	65.3%	.	.
Urology	1	10	1	10.0%	6	60.0%	3	30.0%
Transitional year	6	210	105	50.0%	105	50.0%	.	.

### Specialties Organized by Largest Percentages of Female Residents



**Mean Age of Year 1 Residents, by Specialty**

<b>Specialty</b>	<b>Age (Avg)</b>
OVERALL	29.1
Anesthesiology	29.5
Emergency medicine	29.3
Family medicine	28.9
Internal medicine	28.5
- Cardiovascular disease	31.0
- Endocrinology, diabetes, and metabolism	32.3
- Gastroenterology	31.3
- Geriatric medicine	33.7
- Hematology	30.7
- Infectious disease	31.3
- Nephrology	31.7
- Oncology	30.9
- Pulmonary disease	31.5
- Rheumatology	29.6
Obstetrics and gynecology	29.8
Ophthalmology	29.2
Orthopaedic surgery	31.1
Otolaryngology	30.5
Pathology	31.3
Pediatrics	28.3
Preventive medicine	30.4
Psychiatry	30.1
Radiology-diagnostic	30.5
Surgery	29.3
Urology	29.7
Transitional year	26.1



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