

North Carolina Physician Workforce Profile

2	State Population:	10,383,620	Total Female Physicians:	9,410
0	Population ≤ age 21	2,865,686	Total MD or DO Students:	2,931
1	Total Active Physicians:	26,481	Total Residents:	3,696
8	Primary Care Physicians:	8,948		

For additional data, including maps and tables, please see the 2019 State Physician Workforce Data Report online at www.aamc.org/workforce

		NC	NC Rank	State Median
Physician Supply	Active Physicians per 100,000 Population, 2018	255.0	28	257.6
	Total Active Patient Care Physicians per 100,000 Population, 2018	223.5	31	227.2
	Active Primary Care Physicians per 100,000 Population, 2018	86.2	33	90.8
	Active Patient Care Primary Care Physicians per 100,000 Population, 2018	78.1	33	82.5
	Active General Surgeons per 100,000 Population, 2018	7.1	31	7.7
	Active Patient Care General Surgeons per 100,000 Population, 2018	6.2	36	6.9
	Percentage of Active Physicians Who Are Female, 2018	35.6%	21	33.8%
	Percentage of Active Physicians Who Are International Medical Graduates (IMGs), 2018	15.7%	36	19.1%
	Percentage of Active Physicians Who Are Age 60 or Older, 2018	28.6%	46	30.3%
Undergraduate Medical Education (UME)	MD and DO Student Enrollment per 100,000 Population, AY 2018-2019	28.2	38	32.7
	Student Enrollment at Public MD and DO Schools per 100,000 Population, AY 2018-2019	11.4	38	21.2
	Percentage Change in Student Enrollment at MD and DO Schools, 2008-2018	47.4%	14	24.6%
	Percentage of MD Students Matriculating In-State, AY 2018-2019	57.1%	29	65.6%
Graduate Medical Education (GME)	Total Residents/Fellows in ACGME Programs per 100,000 Population as of December 31, 2018	35.6	19	28.1
	Total Residents/Fellows in Primary Care ACGME Programs per 100,000 Population as of Dec. 31, 2018	11.9	27	10.6
	Percentage of Residents in ACGME Programs Who Are IMGs as of December 31, 2018	10.5%	44	20.5%
	Ratio of Residents and Fellows (GME) to Medical Students (UME), AY 2017-2018	1.3	14	1.0
	Percent Change in Residents and Fellows in ACGME-Accredited Programs, 2008-2018	27.2%	16	17.6%
Retention	Percentage of Physicians Retained in State from Undergraduate Medical Education (UME), 2018	38.2%	24	38.5%
	Percentage of Physicians Retained in State from Public UME, 2018	48.5%	14	44.1%
	Percentage of Physicians Retained in State from Graduate Medical Education (GME), 2018	41.9%	34	44.9%
	Percentage of Physicians Retained in State from UME and GME Combined, 2018	67.3%	25	69.0%

State Rank: How the state ranks compared to the other 49. Rank of 1 goes to the state with the highest value for the category.

State Median: The value in the middle of the 50 states, with 25 states above the median and 25 states below (excludes the District of Columbia and Puerto Rico).

Source: 2019 State Physician Workforce Data Report

North Carolina Physician Workforce Profile

Specialty	Total Active		Female		Age 60 or Older	
	Physicians	People Per Physician	Number	Percent	Number	Percent
All Specialties	26,481	392	9,410	35.6	7,567	28.6
Allergy & Immunology	135	76,916	54	40.0	38	28.1
Anatomic/Clinical Pathology	322	32,247	117	36.3	153	47.5
Anesthesiology	970	10,705	240	24.7	323	33.3
Cardiovascular Disease	625	16,614	75	12.0	255	40.9
Child & Adolescent Psychiatry**	304	9,427	150	49.3	93	30.6
Critical Care Medicine	373	27,838	101	27.2	24	6.4
Dermatology	362	28,684	191	52.9	97	26.8
Emergency Medicine	1,375	7,552	399	29.1	284	20.7
Endocrinology, Diabetes & Metabolism	221	46,985	112	50.9	59	26.7
Family Medicine/General Practice	3,484	2,980	1,457	41.8	1,089	31.3
Gastroenterology	477	21,769	82	17.2	157	32.9
General Surgery	741	14,013	138	18.6	226	30.5
Geriatric Medicine***	187	*	99	53.2	38	20.3
Hematology & Oncology	515	20,162	189	36.8	130	25.2
Infectious Disease	274	37,896	105	38.3	77	28.1
Internal Medicine	3,202	3,243	1,205	37.7	973	30.4
Internal Medicine/Pediatrics	240	43,265	124	51.7	*	*
Interventional Cardiology	109	95,263	*	*	*	*
Neonatal-Perinatal Medicine	154	67,426	74	48.1	43	27.9
Nephrology	334	31,089	84	25.1	73	21.9
Neurological Surgery	165	62,931	17	10.3	62	37.6
Neurology	364	28,526	116	31.9	128	35.2
Neuroradiology	130	79,874	13	10.0	15	11.5
Obstetrics & Gynecology	1,290	8,049	726	56.3	349	27.1
Ophthalmology	533	19,481	140	26.3	168	31.5
Orthopedic Surgery	593	17,510	25	4.2	218	36.8
Otolaryngology	321	32,348	54	16.8	85	26.5
Pain Medicine & Pain Management	150	69,224	32	21.3	34	22.7
Pediatrics**	1,823	1,572	1,188	65.2	460	25.2
Physical Medicine & Rehabilitation	265	39,183	97	36.6	45	17.0
Plastic Surgery	189	54,940	27	14.3	73	38.6
Preventive Medicine	171	60,723	65	38.0	86	50.3
Psychiatry	1,099	9,448	439	39.9	491	44.8
Pulmonary Disease	147	70,637	13	8.8	108	73.5
Radiation Oncology	164	63,315	54	32.9	45	27.4
Radiology & Diagnostic Radiology	801	12,963	193	24.1	310	38.7
Rheumatology	177	58,665	78	44.3	55	31.1
Sports Medicine	92	112,865	24	26.4	*	*
Thoracic Surgery	141	73,643	*	*	62	44.0
Urology	334	31,089	17	5.1	120	35.9
Vascular & Interventional Radiology	103	100,812	*	*	15	14.6
Vascular Surgery	127	81,761	19	15.1	24	18.9

Sources: AMA Physician Masterfile (December 31, 2018), Population estimates as of July 1, 2018 are from the U.S. Census Bureau (Release date: December 2018)

* Counts for specialties with fewer than 10 physicians are not shown

** Only those 21 years or younger are included in People Per Physician

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	Number	Percent	
State Where GME Was Completed for All Active Physicians in State	North Carolina	8,928	36%
	New York	1,897	8%
	Pennsylvania	1,344	5%
	Virginia	1,033	4%
	Ohio	976	4%
	Texas	796	3%
	South Carolina	757	3%
	Florida	711	3%
	Massachusetts	704	3%
	California	681	3%
	All other states	7,277	29%
	Practice Location of Physicians Who Completed GME in State	North Carolina	8,928
Florida		1,031	5%
Virginia		986	5%
Texas		894	4%
Georgia		865	4%
South Carolina		789	4%
California		665	3%
Tennessee		586	3%
Pennsylvania		466	2%
Ohio		405	2%
All other states		5,669	27%

Notes:
 GME = Graduate Medical Education
 "All other states" includes physicians who completed GME in Canada.

Source: AMA Physician Masterfile (December 31, 2018)