

North Carolina Physician Workforce Profile

2019-2020	State Population:	10,488,084	Total Female Physicians:	10,138
	Population ≤ age 24	3,301,007	Total MD or DO Students:	3,042
	Total Active Physicians:	27,650	Total Residents:	3,971
	Primary Care Physicians:	9,211		

For additional data, including maps and tables, please see the 2021 State Physician Workforce Data Report online at www.aamc.org/workforce

		NC	NC Rank	State Median
Physician Supply	Active Physicians per 100,000 Population, 2020	263.6	28	272.0
	Total Active Patient Care Physicians per 100,000 Population, 2020	229.9	30	239.8
	Active Primary Care Physicians per 100,000 Population, 2020	87.8	33	94.7
	Active Patient Care Primary Care Physicians per 100,000 Population, 2020	79.2	34	84.5
	Active General Surgeons per 100,000 Population, 2020	7.1	37	7.7
	Active Patient Care General Surgeons per 100,000 Population, 2020	6.2	39	7.0
	Percentage of Active Physicians Who Are Female, 2020	36.7%	21	36.1%
	Percentage of Active Physicians Who Are International Medical Graduates (IMGs), 2020	15.7%	37	19.7%
	Percentage of Active Physicians Who Are Age 60 or Older, 2020	30.6%	44	32.9%
	Percent of Active Physicians Who Identify as Asian, 2020	12.9%	30	13.7%
	Percent of Active Physicians Who Identify as Black or African American, 2020	8.0%	5	3.8%
	Percent of Active Physicians Who Identify as Hispanic, Latino or of Spanish Origin, 2020	3.4%	20	3.2%
	Percent of Active Physicians Who Identify as American Indian or Alaska Native, 2020	0.6%	14	0.4%
	Percent of Active Physicians Who Identify as Native Hawaiian or Other Pacific Islander, 2020	0.1%	32	0.1%
	Percent of Active Physicians Who Identify as Other Race/Ethnicity, 2020	1.1%	38	1.4%
Percent of Active Physicians Who Identify as White, 2020	68.3%	24	67.3%	
Undergraduate Medical Education (UME)	MD and DO Student Enrollment per 100,000 Population, AY 2019-2020 & 2020-2021	29.0	37	38.6
	Student Enrollment at Public MD and DO Schools per 100,000 Population, AY 2019-2020 & 2020-2021	11.8	37	21.5
	Percentage Change in Student Enrollment at MD and DO Schools, 2010-2020	49.9%	13	31.2%
	Percentage of MD Students Matriculating In-State, AY 2020-2021	58.2%	28	67.6%
Graduate Medical Education (GME)	Total Residents/Fellows in ACGME Programs per 100,000 Population as of December 31, 2019	37.9	19	32.7
	Total Residents/Fellows in Primary Care ACGME Programs per 100,000 Population as of Dec. 31, 2019	12.7	25	12.7
	Percentage of Residents in ACGME Programs Who Are IMGs as of December 31, 2019	10.6%	42	19.2%
	Ratio of Residents and Fellows (GME) to Medical Students (UME), AY 2019-2020 & 2020-2021	1.3	13	1.0
	Percent Change in Residents and Fellows in ACGME-Accredited Programs, 2010-2020	31.8%	18	24.4%
Retention	Percentage of Physicians Retained in State from Undergraduate Medical Education (UME), 2020	38.3%	25	39.7%
	Percentage of Physicians Retained in State from Public UME, 2020	48.5%	14	43.7%
	Percentage of Physicians Retained in State from Graduate Medical Education (GME), 2020	42.7%	34	45.1%
	Percentage of Physicians Retained in State from UME and GME Combined, 2020	68.0%	24	69.7%

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).

Due to changes in the Census data tables, population data was only available for ages ≤ 24, compared to ages ≤ 21 in previous reports.

* Data not shown, for states with less than 10 physicians.

--- Indicated that category is not applicable because some states do not have data on this

N.R. = "Not Ranked"

Source: 2021 State Physician Workforce Data Report. Population estimates as of July 1, 2019 are from the U.S. Census Bureau (Release date: December 2019).

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Specialty	Total Active Physicians	People Per Physician	Female		Age 60 or Older	
			Number	Percent	Number	Percent
All Specialties	27,650	379	10,138	36.7	8,450	30.6
Allergy & Immunology	138	76,001	64	46.4	41	29.7
Anatomic/Clinical Pathology	320	32,775	118	36.9	168	52.5
Anesthesiology	995	10,541	255	25.6	385	38.7
Cardiovascular Disease	640	16,388	78	12.2	280	43.8
Child & Adolescent Psychiatry**	315	10,479	161	51.1	96	30.5
Clinical Cardiac Electrophysiology	69	152,001	*	*	13	18.8
Critical Care Medicine	421	24,912	113	26.9	38	9.0
Dermatology	385	27,242	208	54.2	108	28.1
Emergency Medicine	1,451	7,228	430	29.7	318	21.9
Endocrinology, Diabetes & Metabolism	241	43,519	126	52.5	63	26.1
Family Medicine/General Practice	3,594	2,918	1,558	43.4	1,210	33.7
Gastroenterology	502	20,893	94	18.7	182	36.3
General Surgery	740	14,173	150	20.3	236	31.9
Geriatric Medicine***	206	11,695	118	57.6	47	22.8
Hematology & Oncology	556	18,863	203	36.6	154	27.7
Infectious Disease	288	36,417	112	38.9	79	27.4
Internal Medicine	3,268	3,209	1,262	38.6	1,065	32.6
Internal Medicine/Pediatrics	261	40,184	139	53.3	11	4.2
Interventional Cardiology	123	85,269	11	8.9	*	*
Neonatal-Perinatal Medicine	173	60,625	87	50.3	52	30.1
Nephrology	351	29,881	91	25.9	87	24.8
Neurological Surgery	170	61,695	13	7.6	64	37.6
Neurology	365	28,734	117	32.1	137	37.5
Neuroradiology	152	69,001	22	14.5	18	11.8
Obstetrics & Gynecology	1,340	7,827	783	58.5	391	29.2
Ophthalmology	554	18,932	150	27.1	184	33.2
Orthopedic Surgery	603	17,393	25	4.1	253	42.0
Otolaryngology	331	31,686	56	16.9	108	32.6
Pain Medicine & Pain Management	173	60,625	37	21.4	40	23.1
Pediatric Anesthesiology & Anesthesia	69	152,001	31	44.9	*	*
Pediatric Cardiology	85	123,389	21	24.7	18	21.2
Pediatric Critical Care Medicine	89	117,844	43	48.3	11	12.4
Pediatric Hematology & Oncology	88	119,183	42	47.7	15	17.0
Pediatrics**	1,867	1,768	1,225	65.6	513	27.5
Physical Medicine & Rehabilitation	268	39,135	100	37.3	60	22.4
Plastic Surgery	197	53,239	31	15.7	80	40.6
Preventive Medicine	164	63,952	68	41.5	90	54.9
Psychiatry	1,120	9,364	457	40.8	519	46.4
Pulmonary Disease	146	71,836	15	10.3	124	84.9
Radiation Oncology	175	59,932	58	33.1	52	29.7
Radiology & Diagnostic Radiology	786	13,344	197	25.1	332	42.2
Rheumatology	181	57,945	79	43.9	63	34.8
Sports Medicine	113	92,815	30	26.8	*	*
Sports Medicine Orthopedic Surgery	94	111,575	*	*	*	*
Thoracic Surgery	141	74,384	*	*	60	42.6
Urology	341	30,757	21	6.2	140	41.1
Vascular & Interventional Radiology	116	90,415	11	9.5	17	14.7
Vascular Surgery	139	75,454	22	15.9	33	23.7

Sources: AMA Physician Masterfile (December 31, 2020), Population estimates as of July 1, 2019 are from the U.S. Census Bureau (Release date: December 2019)

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

** Only those 24 years or younger are included in People Per Physician

*** Only those 60 years or older 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	36%
		New York	7%
		Pennsylvania	5%
		Virginia	4%
		Ohio	4%
		South Carolina	3%
		Texas	3%
		Massachusetts	3%
		California	3%
		Florida	3%
		All other states	29%
Practice Location of Physicians Who Completed GME in State		North Carolina	43%
		Florida	5%
		Virginia	5%
		Texas	4%
		Georgia	4%
		South Carolina	4%
		California	3%
		Tennessee	3%
		Pennsylvania	2%
		Ohio	2%
		All other states	26%

Notes:

GME = Graduate Medical Education

"All other states" includes physicians who completed GME in Canada.

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Source: AMA Physician Masterfile (December 31, 2020). Population estimates as of July 1, 2019 are from the U.S. Census Bureau (Release date: December 2019).