

North Carolina Physician Workforce Profile

| | | | | |
|---|--------------------------|------------|--------------------------|-------|
| 2 | State Population: | 10,146,788 | Total Female Physicians: | 8,645 |
| 0 | Population ≤ age 21 | 2,841,988 | Total MD or DO Students: | 2,841 |
| 1 | Total Active Physicians: | 25,295 | Total Residents: | 3,308 |
| 6 | Primary Care Physicians: | 8,644 | | |

For additional data, including maps and tables, please see the 2017 State Physician Workforce Data Report online at www.aamc.org/2017statedatareport

| | | NC | NC Rank | State Median |
|--|---|-------|---------|--------------|
| Physician Supply | Active Physicians per 100,000 Population, 2016 | 249.3 | 29 | 257.6 |
| | Total Active Patient Care Physicians per 100,000 Population, 2016 | 218.3 | 29 | 227.2 |
| | Active Primary Care Physicians per 100,000 Population, 2016 | 85.2 | 33 | 90.8 |
| | Active Patient Care Primary Care Physicians per 100,000 Population, 2016 | 77.0 | 34 | 82.5 |
| | Active General Surgeons per 100,000 Population, 2016 | 7.5 | 28 | 7.7 |
| | Active Patient Care General Surgeons per 100,000 Population, 2016 | 6.6 | 27 | 6.9 |
| | Percentage of Active Physicians Who Are Female, 2016 | 34.2% | 20 | 33.8% |
| | Percentage of Active Physicians Who Are International Medical Graduates (IMGs), 2016 | 15.3% | 35 | 19.1% |
| | Percentage of Active Physicians Who Are Age 60 or Older, 2016 | 26.6% | 49 | 30.3% |
| Undergraduate Medical Education (UME) | MD and DO Student Enrollment per 100,000 Population, AY 2016-2017 | 28.0 | 34 | 32.7 |
| | Student Enrollment at Public MD and DO Schools per 100,000 Population, AY 2016-2017 | 11.5 | 37 | 21.2 |
| | Percentage Change in Student Enrollment at MD and DO Schools, 2006-2016 | 45.5% | 17 | 24.6% |
| | Percentage of MD Students Matriculating In-State, AY 2016-2017 | 60.0% | 28 | 65.6% |
| Graduate Medical Education (GME) | Total Residents/Fellows in ACGME Programs per 100,000 Population as of December 31, 2016 | 32.6 | 18 | 28.1 |
| | Total Residents/Fellows in Primary Care ACGME Programs per 100,000 Population as of Dec. 31, 2016 | 10.3 | 27 | 10.6 |
| | Percentage of Residents in ACGME Programs Who Are IMGs as of December 31, 2016 | 11.3% | 44 | 20.5% |
| | Ratio of Residents and Fellows (GME) to Medical Students (UME), AY 2015-2016 | 1.2 | 15 | 1.0 |
| | Percent Change in Residents and Fellows in ACGME-Accredited Programs, 2006-2016 | 17.7% | 25 | 17.6% |
| Retention | Percentage of Physicians Retained in State from Undergraduate Medical Education (UME), 2016 | 38.5% | 23 | 38.5% |
| | Percentage of Physicians Retained in State from Public UME, 2016 | 48.8% | 16 | 44.1% |
| | Percentage of Physicians Retained in State from Graduate Medical Education (GME), 2016 | 41.9% | 34 | 44.9% |
| | Percentage of Physicians Retained in State from UME and GME Combined, 2016 | 67.0% | 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: 2017 State Physician Workforce Data Report

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| Specialty | Total Active | | Female | | Age 60 or Older | |
|--------------------------------------|--------------|----------------------|--------|---------|-----------------|---------|
| | Physicians | People Per Physician | Number | Percent | Number | Percent |
| All Specialties | 25,295 | 401 | 8,645 | 34.2 | 6,728 | 26.6 |
| Allergy & Immunology | 121 | 83,858 | 47 | 38.8 | 36 | 29.8 |
| Anatomic/Clinical Pathology | 326 | 31,125 | 110 | 33.7 | 140 | 42.9 |
| Anesthesiology | 942 | 10,772 | 226 | 24.0 | 286 | 30.4 |
| Cardiovascular Disease | 620 | 16,366 | 69 | 11.1 | 212 | 34.2 |
| Child & Adolescent Psychiatry** | 292 | 9,733 | 142 | 48.6 | 78 | 26.7 |
| Critical Care Medicine | 330 | 30,748 | 79 | 24.0 | 15 | 4.5 |
| Dermatology | 356 | 28,502 | 177 | 49.9 | 81 | 22.8 |
| Emergency Medicine | 1,335 | 7,601 | 358 | 26.9 | 268 | 20.1 |
| Endocrinology, Diabetes & Metabolism | 217 | 46,759 | 106 | 49.1 | 56 | 25.8 |
| Family Medicine/General Practice | 3,346 | 3,033 | 1,358 | 40.6 | 965 | 28.8 |
| Gastroenterology | 455 | 22,301 | 70 | 15.4 | 144 | 31.6 |
| General Surgery | 762 | 13,316 | 126 | 16.5 | 215 | 28.2 |
| Geriatric Medicine*** | 178 | 8,817 | 95 | 53.7 | 38 | 21.3 |
| Hematology & Oncology | 473 | 21,452 | 168 | 35.5 | 109 | 23.0 |
| Infectious Disease | 261 | 38,877 | 97 | 37.2 | 74 | 28.4 |
| Internal Medicine | 3,134 | 3,238 | 1,145 | 36.6 | 855 | 27.3 |
| Internal Medicine/Pediatrics | 237 | 42,813 | 122 | 51.5 | * | * |
| Interventional Cardiology | 82 | 123,741 | * | * | * | * |
| Neonatal-Perinatal Medicine | 137 | 74,064 | 64 | 46.7 | 32 | 23.4 |
| Nephrology | 312 | 32,522 | 78 | 25.0 | 59 | 18.9 |
| Neurological Surgery | 150 | 67,645 | 15 | 10.0 | 46 | 30.7 |
| Neurology | 364 | 27,876 | 108 | 29.7 | 129 | 35.4 |
| Neuroradiology | 119 | 85,267 | 13 | 10.9 | 11 | 9.2 |
| Obstetrics & Gynecology | 1,274 | 7,965 | 687 | 54.0 | 337 | 26.5 |
| Ophthalmology | 530 | 19,145 | 130 | 24.5 | 155 | 29.2 |
| Orthopedic Surgery | 587 | 17,286 | 19 | 3.2 | 213 | 36.3 |
| Otolaryngology | 318 | 31,908 | 52 | 16.4 | 83 | 26.1 |
| Pain Medicine & Pain Management | 128 | 79,272 | 29 | 22.7 | 21 | 16.4 |
| Pediatrics** | 1,742 | 1,631 | 1,116 | 64.1 | 398 | 22.8 |
| Physical Medicine & Rehabilitation | 262 | 38,728 | 96 | 36.6 | 34 | 13.0 |
| Plastic Surgery | 171 | 59,338 | 21 | 12.3 | 57 | 33.3 |
| Preventive Medicine | 170 | 59,687 | 69 | 40.6 | 78 | 45.9 |
| Psychiatry | 1,077 | 9,421 | 430 | 39.9 | 457 | 42.5 |
| Pulmonary Disease | 153 | 66,319 | 13 | 8.5 | 101 | 66.0 |
| Radiation Oncology | 170 | 59,687 | 53 | 31.2 | 42 | 24.7 |
| Radiology & Diagnostic Radiology | 780 | 13,009 | 177 | 22.7 | 272 | 34.9 |
| Rheumatology | 170 | 59,687 | 70 | 41.4 | 48 | 28.2 |
| Thoracic Surgery | 122 | 83,170 | * | * | 53 | 43.4 |
| Urology | 332 | 30,563 | 18 | 5.4 | 115 | 34.6 |
| Vascular & Interventional Radiology | 86 | 117,986 | * | * | 14 | 16.3 |
| Vascular Surgery | 114 | 89,007 | 13 | 11.5 | 18 | 15.8 |

Sources: AMA Physician Masterfile (December 31, 2016), Population estimates as of July 1, 2016 are from the U.S. Census Bureau (Release date: December 2016)

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

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

*** Only those 65 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 | 8,578 | 35% |
| | New York | 1,845 | 8% |
| | Pennsylvania | 1,304 | 5% |
| | Virginia | 1,019 | 4% |
| | Ohio | 975 | 4% |
| | Texas | 765 | 3% |
| | South Carolina | 747 | 3% |
| | Florida | 708 | 3% |
| | California | 689 | 3% |
| | Massachusetts | 660 | 3% |
| | All other states | 7,034 | 29% |
| | Practice Location of Physicians Who Completed GME in State | North Carolina | 8,578 |
| Virginia | | 974 | 5% |
| Florida | | 973 | 5% |
| Georgia | | 848 | 4% |
| Texas | | 838 | 4% |
| South Carolina | | 753 | 4% |
| California | | 605 | 3% |
| Tennessee | | 578 | 3% |
| Pennsylvania | | 435 | 2% |
| Ohio | | 406 | 2% |
| All other states | | 5,436 | 27% |

Notes:

GME = Graduate Medical Education

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

Source: AMA Physician Masterfile (December 31, 2016)