

Virginia Physician Workforce Profile

2019-2020	State Population:	8,535,519	Total Female Physicians:	8,768
	Population ≤ age 24	2,662,762	Total MD or DO Students:	3,608
	Total Active Physicians:	22,874	Total Residents:	2,678
	Primary Care Physicians:	7,750		

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

		VA	VA Rank	State Median
Physician Supply	Active Physicians per 100,000 Population, 2020	268.0	27	272.0
	Total Active Patient Care Physicians per 100,000 Population, 2020	234.8	27	239.8
	Active Primary Care Physicians per 100,000 Population, 2020	90.8	27	94.7
	Active Patient Care Primary Care Physicians per 100,000 Population, 2020	82.0	29	84.5
	Active General Surgeons per 100,000 Population, 2020	7.2	33	7.7
	Active Patient Care General Surgeons per 100,000 Population, 2020	6.2	38	7.0
	Percentage of Active Physicians Who Are Female, 2020	38.4%	15	36.1%
	Percentage of Active Physicians Who Are International Medical Graduates (IMGs), 2020	22.3%	20	19.7%
	Percentage of Active Physicians Who Are Age 60 or Older, 2020	32.4%	30	32.9%
	Percent of Active Physicians Who Identify as Asian, 2020	18.8%	13	13.7%
	Percent of Active Physicians Who Identify as Black or African American, 2020	7.7%	6	3.8%
	Percent of Active Physicians Who Identify as Hispanic, Latino or of Spanish Origin, 2020	3.3%	23	3.2%
	Percent of Active Physicians Who Identify as American Indian or Alaska Native, 2020	0.3%	31	0.4%
	Percent of Active Physicians Who Identify as Native Hawaiian or Other Pacific Islander, 2020	0.4%	5	0.1%
	Percent of Active Physicians Who Identify as Other Race/Ethnicity, 2020	1.5%	24	1.4%
Percent of Active Physicians Who Identify as White, 2020	61.4%	36	67.3%	
Undergraduate Medical Education (UME)	MD and DO Student Enrollment per 100,000 Population, AY 2019-2020 & 2020-2021	42.3	20	38.6
	Student Enrollment at Public MD and DO Schools per 100,000 Population, AY 2019-2020 & 2020-2021	26.6	13	21.5
	Percentage Change in Student Enrollment at MD and DO Schools, 2010-2020	35.2%	20	31.2%
	Percentage of MD Students Matriculating In-State, AY 2020-2021	46.0%	36	67.6%
Graduate Medical Education (GME)	Total Residents/Fellows in ACGME Programs per 100,000 Population as of December 31, 2019	31.4	30	32.7
	Total Residents/Fellows in Primary Care ACGME Programs per 100,000 Population as of Dec. 31, 2019	12.4	27	12.7
	Percentage of Residents in ACGME Programs Who Are IMGs as of December 31, 2019	17.3%	30	19.2%
	Ratio of Residents and Fellows (GME) to Medical Students (UME), AY 2019-2020 & 2020-2021	0.7	33	1.0
	Percent Change in Residents and Fellows in ACGME-Accredited Programs, 2010-2020	23.8%	28	24.4%
Retention	Percentage of Physicians Retained in State from Undergraduate Medical Education (UME), 2020	30.4%	34	39.7%
	Percentage of Physicians Retained in State from Public UME, 2020	31.2%	36	43.7%
	Percentage of Physicians Retained in State from Graduate Medical Education (GME), 2020	39.1%	41	45.1%
	Percentage of Physicians Retained in State from UME and GME Combined, 2020	63.6%	30	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	22,874	373	8,768	38.4	7,384	32.4
Allergy & Immunology	147	58,065	63	42.9	54	36.7
Anatomic/Clinical Pathology	241	35,417	93	38.6	148	61.4
Anesthesiology	951	8,975	260	27.4	355	37.3
Cardiovascular Disease	475	17,970	69	14.5	233	49.1
Child & Adolescent Psychiatry**	253	10,525	138	54.5	84	33.2
Clinical Cardiac Electrophysiology	65	131,316	*	*	*	*
Critical Care Medicine	331	25,787	88	26.6	32	9.7
Dermatology	322	26,508	192	59.6	100	31.1
Emergency Medicine	1,204	7,089	371	30.9	308	25.6
Endocrinology, Diabetes & Metabolism	219	38,975	116	53.0	74	33.8
Family Medicine/General Practice	3,014	2,832	1,325	44.0	1,079	35.9
Gastroenterology	371	23,007	65	17.5	145	39.1
General Surgery	614	13,901	155	25.3	207	33.7
Geriatric Medicine***	143	13,302	89	62.2	37	25.9
Hematology & Oncology	327	26,103	111	33.9	83	25.4
Infectious Disease	209	40,840	96	45.9	58	27.8
Internal Medicine	2,849	2,996	1,170	41.1	925	32.5
Internal Medicine/Pediatrics	102	83,682	58	56.9	*	*
Interventional Cardiology	114	74,873	10	8.8	14	12.3
Neonatal-Perinatal Medicine	161	53,016	80	49.7	61	37.9
Nephrology	267	31,968	63	23.6	80	30.0
Neurological Surgery	135	63,226	11	8.1	47	34.8
Neurology	357	23,909	109	30.5	155	43.5
Neuroradiology	97	87,995	12	12.4	10	10.3
Obstetrics & Gynecology	1,107	7,710	714	64.5	348	31.5
Ophthalmology	457	18,677	126	27.6	180	39.4
Orthopedic Surgery	449	19,010	25	5.6	200	44.6
Otolaryngology	241	35,417	43	17.8	67	27.8
Pain Medicine & Pain Management	112	76,210	21	18.8	16	14.3
Pediatric Anesthesiology & Anesthesia	44	193,989	24	54.5	*	*
Pediatric Cardiology	66	129,326	18	27.3	18	27.3
Pediatric Critical Care Medicine	52	164,145	25	48.1	*	*
Pediatric Hematology & Oncology	52	164,145	27	51.9	13	25.0
Pediatrics**	1,630	1,634	1,133	69.6	481	29.5
Physical Medicine & Rehabilitation	229	37,273	81	35.4	56	24.5
Plastic Surgery	178	47,952	33	18.5	76	42.7
Preventive Medicine	234	36,477	62	26.5	133	56.8
Psychiatry	986	8,657	411	41.7	464	47.1
Pulmonary Disease	108	79,033	14	13.0	89	82.4
Radiation Oncology	111	76,897	29	26.1	33	29.7
Radiology & Diagnostic Radiology	676	12,627	180	26.6	256	37.9
Rheumatology	147	58,065	76	52.1	47	32.0
Sports Medicine	62	137,670	16	25.8	---	---
Sports Medicine Orthopedic Surgery	78	109,430	*	*	*	*
Thoracic Surgery	94	90,803	13	13.8	33	35.1
Urology	238	35,864	23	9.7	86	36.1
Vascular & Interventional Radiology	107	79,771	*	*	10	9.3
Vascular Surgery	97	87,995	*	*	26	26.8

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		Virginia	6,304	29%
		District of Columbia	2,003	9%
		New York	1,829	9%
		Pennsylvania	1,488	7%
		North Carolina	1,006	5%
		Maryland	974	5%
		Ohio	670	3%
		California	661	3%
		Texas	638	3%
		Massachusetts	575	3%
		All other states	5,250	25%
Practice Location of Physicians Who Completed GME in State		Virginia	6,304	39%
		North Carolina	1,056	7%
		Florida	844	5%
		California	636	4%
		Maryland	561	3%
		Texas	555	3%
		Pennsylvania	500	3%
		Georgia	444	3%
		South Carolina	419	3%
		Tennessee	399	2%
		All other states	4,393	27%

Notes:

GME = Graduate Medical Education

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

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