

Hawaii Physician Workforce Profile

2019-2020	State Population:	1,415,872	Total Female Physicians:	1,651
	Population ≤ age 24	419,204	Total MD or DO Students:	305
	Total Active Physicians:	4,557	Total Residents:	402
	Primary Care Physicians:	1,753		

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

		HI	HI Rank	State Median
Physician Supply	Active Physicians per 100,000 Population, 2020	321.9	10	272.0
	Total Active Patient Care Physicians per 100,000 Population, 2020	280.0	9	239.8
	Active Primary Care Physicians per 100,000 Population, 2020	123.8	4	94.7
	Active Patient Care Primary Care Physicians per 100,000 Population, 2020	109.2	5	84.5
	Active General Surgeons per 100,000 Population, 2020	9.3	13	7.7
	Active Patient Care General Surgeons per 100,000 Population, 2020	8.4	10	7.0
	Percentage of Active Physicians Who Are Female, 2020	36.3%	23	36.1%
	Percentage of Active Physicians Who Are International Medical Graduates (IMGs), 2020	14.1%	42	19.7%
	Percentage of Active Physicians Who Are Age 60 or Older, 2020	39.3%	2	32.9%
	Percent of Active Physicians Who Identify as Asian, 2020	44.0%	1	13.7%
	Percent of Active Physicians Who Identify as Black or African American, 2020	2.2%	37	3.8%
	Percent of Active Physicians Who Identify as Hispanic, Latino or of Spanish Origin, 2020	3.0%	33	3.2%
	Percent of Active Physicians Who Identify as American Indian or Alaska Native, 2020	0.5%	23	0.4%
	Percent of Active Physicians Who Identify as Native Hawaiian or Other Pacific Islander, 2020	2.9%	1	0.1%
	Percent of Active Physicians Who Identify as Other Race/Ethnicity, 2020	1.9%	14	1.4%
Percent of Active Physicians Who Identify as White, 2020	38.8%	50	67.3%	
Undergraduate Medical Education (UME)	MD and DO Student Enrollment per 100,000 Population, AY 2019-2020 & 2020-2021	21.5	42	38.6
	Student Enrollment at Public MD and DO Schools per 100,000 Population, AY 2019-2020 & 2020-2021	21.5	21	21.5
	Percentage Change in Student Enrollment at MD and DO Schools, 2010-2020	19.1%	30	31.2%
	Percentage of MD Students Matriculating In-State, AY 2020-2021	59.4%	27	67.6%
Graduate Medical Education (GME)	Total Residents/Fellows in ACGME Programs per 100,000 Population as of December 31, 2019	28.4	38	32.7
	Total Residents/Fellows in Primary Care ACGME Programs per 100,000 Population as of Dec. 31, 2019	15.5	17	12.7
	Percentage of Residents in ACGME Programs Who Are IMGs as of December 31, 2019	19.7%	23	19.2%
	Ratio of Residents and Fellows (GME) to Medical Students (UME), AY 2019-2020 & 2020-2021	1.3	12	1.0
	Percent Change in Residents and Fellows in ACGME-Accredited Programs, 2010-2020	-2.4%	50	24.4%
Retention	Percentage of Physicians Retained in State from Undergraduate Medical Education (UME), 2020	51.4%	6	39.7%
	Percentage of Physicians Retained in State from Public UME, 2020	51.4%	7	43.7%
	Percentage of Physicians Retained in State from Graduate Medical Education (GME), 2020	41.6%	36	45.1%
	Percentage of Physicians Retained in State from UME and GME Combined, 2020	86.5%	1	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	4,557	311	1,651	36.3	1,788	39.3
Allergy & Immunology	15	94,391	*	*	11	73.3
Anatomic/Clinical Pathology	53	26,715	17	32.1	33	62.3
Anesthesiology	177	7,999	46	26.1	74	41.8
Cardiovascular Disease	74	19,133	12	16.2	45	60.8
Child & Adolescent Psychiatry**	75	5,589	32	42.7	32	42.7
Clinical Cardiac Electrophysiology	*	*	---	---	*	*
Critical Care Medicine	48	29,497	11	22.9	*	*
Dermatology	65	21,783	35	53.8	24	36.9
Emergency Medicine	286	4,951	68	23.8	92	32.2
Endocrinology, Diabetes & Metabolism	23	61,560	12	52.2	10	43.5
Family Medicine/General Practice	556	2,547	248	44.8	206	37.1
Gastroenterology	60	23,598	*	*	26	43.3
General Surgery	132	10,726	37	28.0	48	36.4
Geriatric Medicine***	84	4,288	48	57.1	18	21.4
Hematology & Oncology	43	32,927	*	*	26	60.5
Infectious Disease	29	48,823	*	*	10	34.5
Internal Medicine	725	1,953	280	38.6	308	42.5
Internal Medicine/Pediatrics	38	37,260	25	67.6	*	*
Interventional Cardiology	13	108,913	*	*	*	*
Neonatal-Perinatal Medicine	29	48,823	18	62.1	10	34.5
Nephrology	36	39,330	*	*	14	38.9
Neurological Surgery	19	74,520	---	---	*	*
Neurology	45	31,464	14	31.1	19	42.2
Neuroradiology	21	67,422	*	*	*	*
Obstetrics & Gynecology	237	5,974	147	62.0	87	36.7
Ophthalmology	116	12,206	28	24.1	54	46.6
Orthopedic Surgery	93	15,224	*	*	46	49.5
Otolaryngology	43	32,927	*	*	17	39.5
Pain Medicine & Pain Management	16	88,492	*	*	*	*
Pediatric Anesthesiology & Anesthesia	10	141,587	*	*	---	---
Pediatric Cardiology	*	*	---	---	*	*
Pediatric Critical Care Medicine	11	128,716	*	*	*	*
Pediatric Hematology & Oncology	11	128,716	*	*	*	*
Pediatrics**	345	1,215	204	59.1	120	34.8
Physical Medicine & Rehabilitation	43	32,927	12	27.9	20	46.5
Plastic Surgery	29	48,823	*	*	18	62.1
Preventive Medicine	65	21,783	23	35.4	47	72.3
Psychiatry	221	6,407	79	35.7	125	56.6
Pulmonary Disease	19	74,520	*	*	19	100.0
Radiation Oncology	18	78,660	*	*	*	*
Radiology & Diagnostic Radiology	121	11,701	26	21.5	58	47.9
Rheumatology	26	54,457	*	*	*	*
Sports Medicine	16	88,492	*	*	*	*
Sports Medicine Orthopedic Surgery	13	108,913	*	*	---	---
Thoracic Surgery	14	101,134	---	---	10	71.4
Urology	50	28,317	10	20.0	16	32.0
Vascular & Interventional Radiology	16	88,492	*	*	*	*
Vascular Surgery	14	101,134	*	*	*	*

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	Hawaii	1,243	29%
	California	777	18%
	New York	276	6%
	Texas	169	4%
	Pennsylvania	156	4%
	Massachusetts	140	3%
	Washington	128	3%
	Illinois	119	3%
	District of Columbia	118	3%
	Michigan	95	2%
	All other states	1,125	26%
Practice Location of Physicians Who Completed GME in State	Hawaii	1,243	42%
	California	302	10%
	Texas	154	5%
	Florida	107	4%
	Washington	100	3%
	Virginia	94	3%
	North Carolina	79	3%
	Colorado	62	2%
	Georgia	62	2%
	Oregon	50	2%
	All other states	721	24%

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).