

# Hawaii Physician Workforce Profile

2	State Population:	1,420,491	Total Female Physicians:	1,573
0	Population ≤ age 21	367,694	Total MD or DO Students:	290
1	Total Active Physicians:	4,462	Total Residents:	428
8	Primary Care Physicians:	1,683		

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

		HI	HI Rank	State Median
<b>Physician Supply</b>	Active Physicians per 100,000 Population, 2018	314.1	10	257.6
	Total Active Patient Care Physicians per 100,000 Population, 2018	273.7	9	227.2
	Active Primary Care Physicians per 100,000 Population, 2018	118.5	4	90.8
	Active Patient Care Primary Care Physicians per 100,000 Population, 2018	104.7	6	82.5
	Active General Surgeons per 100,000 Population, 2018	9.4	13	7.7
	Active Patient Care General Surgeons per 100,000 Population, 2018	8.4	11	6.9
	Percentage of Active Physicians Who Are Female, 2018	35.3%	23	33.8%
	Percentage of Active Physicians Who Are International Medical Graduates (IMGs), 2018	13.9%	41	19.1%
	Percentage of Active Physicians Who Are Age 60 or Older, 2018	37.3%	2	30.3%
<b>Undergraduate Medical Education (UME)</b>	MD and DO Student Enrollment per 100,000 Population, AY 2018-2019	20.4	42	32.7
	Student Enrollment at Public MD and DO Schools per 100,000 Population, AY 2018-2019	20.4	23	21.2
	Percentage Change in Student Enrollment at MD and DO Schools, 2008-2018	15.1%	35	24.6%
	Percentage of MD Students Matriculating In-State, AY 2018-2019	65.9%	25	65.6%
<b>Graduate Medical Education (GME)</b>	Total Residents/Fellows in ACGME Programs per 100,000 Population as of December 31, 2018	30.1	24	28.1
	Total Residents/Fellows in Primary Care ACGME Programs per 100,000 Population as of Dec. 31, 2018	14.8	16	10.6
	Percentage of Residents in ACGME Programs Who Are IMGs as of December 31, 2018	20.1%	24	20.5%
	Ratio of Residents and Fellows (GME) to Medical Students (UME), AY 2017-2018	1.5	7	1.0
	Percent Change in Residents and Fellows in ACGME-Accredited Programs, 2008-2018	3.4%	48	17.6%
<b>Retention</b>	Percentage of Physicians Retained in State from Undergraduate Medical Education (UME), 2018	51.8%	6	38.5%
	Percentage of Physicians Retained in State from Public UME, 2018	51.8%	7	44.1%
	Percentage of Physicians Retained in State from Graduate Medical Education (GME), 2018	40.8%	36	44.9%
	Percentage of Physicians Retained in State from UME and GME Combined, 2018	86.3%	1	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

# Hawaii Physician Workforce Profile

Specialty	Total Active		Female		Age 60 or Older	
	Physicians	People Per Physician	Number	Percent	Number	Percent
All Specialties	4,462	318	1,573	35.3	1,662	37.3
Allergy & Immunology	16	88,781	*	*	11	68.8
Anatomic/Clinical Pathology	57	24,921	15	26.3	30	52.6
Anesthesiology	178	7,980	43	24.3	75	42.1
Cardiovascular Disease	70	20,293	12	17.1	41	58.6
Child & Adolescent Psychiatry**	71	5,179	31	43.7	29	40.8
Critical Care Medicine	42	33,821	*	*	*	*
Dermatology	61	23,287	31	50.8	21	34.4
Emergency Medicine	275	5,165	64	23.3	91	33.1
Endocrinology, Diabetes & Metabolism	21	67,642	10	47.6	10	47.6
Family Medicine/General Practice	536	2,650	241	45.1	183	34.2
Gastroenterology	63	22,547	*	*	27	42.9
General Surgery	133	10,680	35	26.3	44	33.1
Geriatric Medicine***	80	*	44	55.0	15	18.8
Hematology & Oncology	45	31,566	*	*	22	48.9
Infectious Disease	27	52,611	*	*	*	*
Internal Medicine	688	2,065	262	38.1	273	39.7
Internal Medicine/Pediatrics	35	40,585	23	67.6	*	*
Interventional Cardiology	*	*	*	*	*	*
Neonatal-Perinatal Medicine	29	48,982	16	55.2	10	34.5
Nephrology	35	40,585	*	*	13	37.1
Neurological Surgery	19	74,763	*	*	*	*
Neurology	46	30,880	14	30.4	18	39.1
Neuroradiology	19	74,763	*	*	*	*
Obstetrics & Gynecology	236	6,019	144	61.0	73	30.9
Ophthalmology	116	12,246	27	23.3	50	43.1
Orthopedic Surgery	95	14,953	*	*	46	48.4
Otolaryngology	41	34,646	*	*	18	43.9
Pain Medicine & Pain Management	18	78,916	*	*	*	*
Pediatrics**	340	1,081	202	59.4	118	34.7
Physical Medicine & Rehabilitation	48	29,594	14	29.2	18	37.5
Plastic Surgery	27	52,611	*	*	18	66.7
Preventive Medicine	72	19,729	26	36.1	46	63.9
Psychiatry	229	6,203	82	35.8	122	53.3
Pulmonary Disease	20	71,025	*	*	20	100.0
Radiation Oncology	18	78,916	*	*	*	*
Radiology & Diagnostic Radiology	125	11,364	24	19.2	57	45.6
Rheumatology	25	56,820	*	*	*	*
Sports Medicine	14	101,464	*	*	*	*
Thoracic Surgery	17	83,558	*	*	10	58.8
Urology	47	30,223	*	*	15	31.9
Vascular & Interventional Radiology	12	118,374	*	*	*	*
Vascular Surgery	13	109,269	*	*	*	*

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
<b>State Where GME Was Completed for All Active Physicians in State</b>	Hawaii	1,205	28%
	California	775	18%
	New York	278	7%
	Texas	172	4%
	Pennsylvania	153	4%
	Massachusetts	131	3%
	District of Columbia	120	3%
	Washington	120	3%
	Illinois	110	3%
	Michigan	92	2%
	All other states	1,098	26%
<b>Practice Location of Physicians Who Completed GME in State</b>	Hawaii	1,205	41%
	California	302	10%
	Texas	151	5%
	Florida	111	4%
	Washington	99	3%
	Virginia	93	3%
	North Carolina	80	3%
	Georgia	69	2%
	Colorado	62	2%
	Maryland	49	2%
	All other states	716	24%

**Notes:**

GME = Graduate Medical Education

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

Source: AMA Physician Masterfile (December 31, 2018)