

Hawaii Physician Workforce Profile

2	State Population:	1,428,557	Total Female Physicians:	1,463
0	Population ≤ age 21	375,300	Total MD or DO Students:	270
1	Total Active Physicians:	4,350	Total Residents:	400
6	Primary Care Physicians:	1,660		

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

		HI	HI Rank	State Median
Physician Supply	Active Physicians per 100,000 Population, 2016	304.5	10	257.6
	Total Active Patient Care Physicians per 100,000 Population, 2016	264.0	10	227.2
	Active Primary Care Physicians per 100,000 Population, 2016	116.2	5	90.8
	Active Patient Care Primary Care Physicians per 100,000 Population, 2016	102.0	5	82.5
	Active General Surgeons per 100,000 Population, 2016	8.9	16	7.7
	Active Patient Care General Surgeons per 100,000 Population, 2016	7.7	14	6.9
	Percentage of Active Physicians Who Are Female, 2016	33.7%	27	33.8%
	Percentage of Active Physicians Who Are International Medical Graduates (IMGs), 2016	13.7%	42	19.1%
	Percentage of Active Physicians Who Are Age 60 or Older, 2016	35.5%	2	30.3%
Undergraduate Medical Education (UME)	MD and DO Student Enrollment per 100,000 Population, AY 2016-2017	18.9	42	32.7
	Student Enrollment at Public MD and DO Schools per 100,000 Population, AY 2016-2017	18.9	23	21.2
	Percentage Change in Student Enrollment at MD and DO Schools, 2006-2016	5.9%	43	24.6%
	Percentage of MD Students Matriculating In-State, AY 2016-2017	60.9%	27	65.6%
Graduate Medical Education (GME)	Total Residents/Fellows in ACGME Programs per 100,000 Population as of December 31, 2016	28.0	27	28.1
	Total Residents/Fellows in Primary Care ACGME Programs per 100,000 Population as of Dec. 31, 2016	11.7	20	10.6
	Percentage of Residents in ACGME Programs Who Are IMGs as of December 31, 2016	17.5%	34	20.5%
	Ratio of Residents and Fellows (GME) to Medical Students (UME), AY 2015-2016	1.4	11	1.0
	Percent Change in Residents and Fellows in ACGME-Accredited Programs, 2006-2016	-5.4%	50	17.6%
Retention	Percentage of Physicians Retained in State from Undergraduate Medical Education (UME), 2016	51.8%	6	38.5%
	Percentage of Physicians Retained in State from Public UME, 2016	51.8%	8	44.1%
	Percentage of Physicians Retained in State from Graduate Medical Education (GME), 2016	40.6%	36	44.9%
	Percentage of Physicians Retained in State from UME and GME Combined, 2016	86.6%	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: 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	4,350	328	1,463	33.7	1,544	35.5
Allergy & Immunology	18	79,364	*	*	11	61.1
Anatomic/Clinical Pathology	56	25,510	13	23.2	28	50.0
Anesthesiology	179	7,981	44	24.7	68	38.0
Cardiovascular Disease	70	20,408	11	15.7	37	52.9
Child & Adolescent Psychiatry**	73	5,141	27	37.0	30	41.1
Critical Care Medicine	40	35,714	*	*	*	*
Dermatology	60	23,809	27	45.0	23	38.3
Emergency Medicine	262	5,453	63	24.0	82	31.3
Endocrinology, Diabetes & Metabolism	22	64,934	10	45.5	10	45.5
Family Medicine/General Practice	531	2,690	223	42.2	175	33.0
Gastroenterology	55	25,974	*	*	22	40.0
General Surgery	127	11,248	35	27.6	39	30.7
Geriatric Medicine***	70	3,485	38	54.3	11	15.7
Hematology & Oncology	36	39,682	*	*	17	47.2
Infectious Disease	27	52,910	*	*	*	*
Internal Medicine	685	2,085	257	37.6	255	37.2
Internal Medicine/Pediatrics	34	42,016	21	63.6	*	*
Interventional Cardiology	*	*	*	*	*	*
Neonatal-Perinatal Medicine	29	49,261	17	58.6	*	*
Nephrology	33	43,290	*	*	11	33.3
Neurological Surgery	17	84,033	*	*	*	*
Neurology	45	31,746	12	26.7	17	37.8
Neuroradiology	15	95,237	*	*	*	*
Obstetrics & Gynecology	217	6,583	125	57.6	71	32.7
Ophthalmology	116	12,315	25	21.6	46	39.7
Orthopedic Surgery	100	14,286	*	*	45	45.0
Otolaryngology	43	33,222	*	*	18	41.9
Pain Medicine & Pain Management	15	95,237	*	*	*	*
Pediatrics**	337	1,114	194	57.6	113	33.5
Physical Medicine & Rehabilitation	44	32,467	13	29.5	15	34.1
Plastic Surgery	30	47,619	*	*	18	60.0
Preventive Medicine	70	20,408	21	30.0	42	60.0
Psychiatry	230	6,211	76	33.0	113	49.1
Pulmonary Disease	20	71,428	*	*	17	85.0
Radiation Oncology	19	75,187	*	*	*	*
Radiology & Diagnostic Radiology	137	10,427	25	18.2	59	43.1
Rheumatology	24	59,523	*	*	*	*
Thoracic Surgery	17	84,033	*	*	*	*
Urology	45	31,746	*	*	14	31.1
Vascular & Interventional Radiology	15	95,237	*	*	*	*
Vascular Surgery	13	109,889	*	*	*	*

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	Hawaii	1,245	29%
	California	758	18%
	New York	272	6%
	Texas	156	4%
	Pennsylvania	149	4%
	Massachusetts	128	3%
	District of Columbia	127	3%
	Washington	115	3%
	Illinois	110	3%
	Ohio	89	2%
	All other states	1,083	26%
Practice Location of Physicians Who Completed GME in State	Hawaii	1,245	41%
	California	314	10%
	Texas	166	5%
	Florida	120	4%
	Washington	98	3%
	Virginia	88	3%
	North Carolina	76	2%
	Georgia	68	2%
	Colorado	59	2%
	Maryland	47	2%
	All other states	768	25%

Notes:

GME = Graduate Medical Education

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

Source: AMA Physician Masterfile (December 31, 2016)