

California Physician Workforce Profile

2	State Population:	39,557,045	Total Female Physicians:	41,724
0	Population ≤ age 21	11,054,695	Total MD or DO Students:	7,837
1	Total Active Physicians:	110,603	Total Residents:	11,646
8	Primary Care Physicians:	38,052		

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

		CA	CA Rank	State Median
Physician Supply	Active Physicians per 100,000 Population, 2018	279.6	19	257.6
	Total Active Patient Care Physicians per 100,000 Population, 2018	243.8	20	227.2
	Active Primary Care Physicians per 100,000 Population, 2018	96.2	20	90.8
	Active Patient Care Primary Care Physicians per 100,000 Population, 2018	87.1	22	82.5
	Active General Surgeons per 100,000 Population, 2018	7.2	30	7.7
	Active Patient Care General Surgeons per 100,000 Population, 2018	6.2	38	6.9
	Percentage of Active Physicians Who Are Female, 2018	37.8%	14	33.8%
	Percentage of Active Physicians Who Are International Medical Graduates (IMGs), 2018	24.0%	17	19.1%
	Percentage of Active Physicians Who Are Age 60 or Older, 2018	33.7%	13	30.3%
Undergraduate Medical Education (UME)	MD and DO Student Enrollment per 100,000 Population, AY 2018-2019	19.8	43	32.7
	Student Enrollment at Public MD and DO Schools per 100,000 Population, AY 2018-2019	8.8	41	21.2
	Percentage Change in Student Enrollment at MD and DO Schools, 2008-2018	27.5%	26	24.6%
	Percentage of MD Students Matriculating In-State, AY 2018-2019	40.3%	39	65.6%
Graduate Medical Education (GME)	Total Residents/Fellows in ACGME Programs per 100,000 Population as of December 31, 2018	29.4	29	28.1
	Total Residents/Fellows in Primary Care ACGME Programs per 100,000 Population as of Dec. 31, 2018	10.6	37	10.6
	Percentage of Residents in ACGME Programs Who Are IMGs as of December 31, 2018	10.7%	43	20.5%
	Ratio of Residents and Fellows (GME) to Medical Students (UME), AY 2017-2018	1.5	8	1.0
	Percent Change in Residents and Fellows in ACGME-Accredited Programs, 2008-2018	22.7%	24	17.6%
Retention	Percentage of Physicians Retained in State from Undergraduate Medical Education (UME), 2018	62.8%	1	38.5%
	Percentage of Physicians Retained in State from Public UME, 2018	68.6%	1	44.1%
	Percentage of Physicians Retained in State from Graduate Medical Education (GME), 2018	70.6%	1	44.9%
	Percentage of Physicians Retained in State from UME and GME Combined, 2018	81.3%	2	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

California Physician Workforce Profile

Specialty	Total Active		Female		Age 60 or Older	
	Physicians	People Per Physician	Number	Percent	Number	Percent
All Specialties	110,603	358	41,724	37.8	37,270	33.7
Allergy & Immunology	595	66,482	236	39.7	257	43.2
Anatomic/Clinical Pathology	1,569	25,212	585	37.4	798	50.9
Anesthesiology	5,244	7,543	1,387	26.5	2,057	39.2
Cardiovascular Disease	2,288	17,289	384	16.8	1,197	52.3
Child & Adolescent Psychiatry**	1,184	9,337	618	52.2	354	29.9
Critical Care Medicine	1,277	30,977	359	28.2	115	9.0
Dermatology	1,815	21,795	921	50.8	633	34.9
Emergency Medicine	5,445	7,265	1,562	28.7	1,418	26.1
Endocrinology, Diabetes & Metabolism	867	45,625	423	48.8	317	36.6
Family Medicine/General Practice	13,588	2,911	6,005	44.4	4,505	33.2
Gastroenterology	1,681	23,532	343	20.4	638	38.0
General Surgery	2,849	13,885	684	24.0	1,016	35.7
Geriatric Medicine***	615	*	321	52.2	140	22.8
Hematology & Oncology	1,736	22,786	604	34.8	560	32.3
Infectious Disease	1,024	38,630	417	40.8	334	32.6
Internal Medicine	15,652	2,527	6,359	40.7	4,933	31.5
Internal Medicine/Pediatrics	404	97,913	209	51.7	17	4.2
Interventional Cardiology	365	108,375	34	9.3	20	5.5
Neonatal-Perinatal Medicine	675	58,603	353	52.3	254	37.6
Nephrology	1,236	32,004	384	31.1	368	29.8
Neurological Surgery	653	60,577	69	10.6	214	32.9
Neurology	1,624	24,358	522	32.2	689	42.4
Neuroradiology	423	93,515	107	25.3	31	7.3
Obstetrics & Gynecology	5,113	7,737	3,107	60.8	1,835	35.9
Ophthalmology	2,487	15,906	722	29.0	937	37.7
Orthopedic Surgery	2,274	17,395	176	7.7	1,092	48.0
Otolaryngology	1,189	33,269	265	22.3	388	32.6
Pain Medicine & Pain Management	627	63,089	117	18.7	108	17.2
Pediatrics**	7,705	1,435	4,949	64.3	2,600	33.8
Physical Medicine & Rehabilitation	1,074	36,832	388	36.2	315	29.4
Plastic Surgery	1,127	35,099	176	15.6	439	39.0
Preventive Medicine	909	43,517	355	39.1	499	54.9
Psychiatry	5,693	6,948	2,192	38.5	2,731	48.0
Pulmonary Disease	589	67,160	66	11.2	478	81.2
Radiation Oncology	587	67,388	177	30.2	166	28.3
Radiology & Diagnostic Radiology	3,235	12,228	851	26.3	1,335	41.3
Rheumatology	726	54,486	330	45.6	255	35.2
Sports Medicine	269	147,052	79	29.5	18	6.7
Thoracic Surgery	473	83,630	52	11.0	220	46.5
Urology	1,091	36,258	129	11.8	426	39.0
Vascular & Interventional Radiology	399	99,140	52	13.0	28	7.0
Vascular Surgery	410	96,481	66	16.1	129	31.5

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
State Where GME Was Completed for All Active Physicians in State	California	59,130	57%
	New York	8,620	8%
	Illinois	3,354	3%
	Pennsylvania	3,305	3%
	Massachusetts	3,130	3%
	Texas	2,595	3%
	Michigan	2,386	2%
	Ohio	2,180	2%
	Maryland	1,326	1%
	New Jersey	1,203	1%
	All other states	15,951	15%
Practice Location of Physicians Who Completed GME in State	California	59,130	71%
	Washington	2,074	2%
	Texas	1,957	2%
	Oregon	1,705	2%
	Florida	1,364	2%
	Arizona	1,221	1%
	New York	1,075	1%
	Colorado	1,009	1%
	Nevada	998	1%
	Massachusetts	782	1%
	All other states	12,351	15%

Notes:

GME = Graduate Medical Education

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

Source: AMA Physician Masterfile (December 31, 2018)