

# California Physician Workforce Profile

<b>2019-2020</b>	State Population:	39,512,223	Total Female Physicians:	44,030
	Population ≤ age 24	12,574,351	Total MD or DO Students:	8,335
	Total Active Physicians:	113,718	Total Residents:	12,823
	Primary Care Physicians:	38,891		

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

		CA	CA Rank	State Median
<b>Physician Supply</b>	Active Physicians per 100,000 Population, 2020	287.8	20	272.0
	Total Active Patient Care Physicians per 100,000 Population, 2020	249.6	20	239.8
	Active Primary Care Physicians per 100,000 Population, 2020	98.4	20	94.7
	Active Patient Care Primary Care Physicians per 100,000 Population, 2020	88.9	20	84.5
	Active General Surgeons per 100,000 Population, 2020	7.1	35	7.7
	Active Patient Care General Surgeons per 100,000 Population, 2020	6.1	41	7.0
	Percentage of Active Physicians Who Are Female, 2020	38.8%	12	36.1%
	Percentage of Active Physicians Who Are International Medical Graduates (IMGs), 2020	23.9%	17	19.7%
	Percentage of Active Physicians Who Are Age 60 or Older, 2020	34.8%	17	32.9%
	Percent of Active Physicians Who Identify as Asian, 2020	31.0%	2	13.7%
	Percent of Active Physicians Who Identify as Black or African American, 2020	3.8%	25	3.8%
	Percent of Active Physicians Who Identify as Hispanic, Latino or of Spanish Origin, 2020	6.3%	5	3.2%
	Percent of Active Physicians Who Identify as American Indian or Alaska Native, 2020	0.4%	26	0.4%
	Percent of Active Physicians Who Identify as Native Hawaiian or Other Pacific Islander, 2020	0.3%	6	0.1%
	Percent of Active Physicians Who Identify as Other Race/Ethnicity, 2020	2.6%	3	1.4%
Percent of Active Physicians Who Identify as White, 2020	44.4%	49	67.3%	
<b>Undergraduate Medical Education (UME)</b>	MD and DO Student Enrollment per 100,000 Population, AY 2019-2020 & 2020-2021	21.1	43	38.6
	Student Enrollment at Public MD and DO Schools per 100,000 Population, AY 2019-2020 & 2020-2021	9.2	40	21.5
	Percentage Change in Student Enrollment at MD and DO Schools, 2010-2020	32.2%	21	31.2%
	Percentage of MD Students Matriculating In-State, AY 2020-2021	41.5%	37	67.6%
<b>Graduate Medical Education (GME)</b>	Total Residents/Fellows in ACGME Programs per 100,000 Population as of December 31, 2019	32.5	26	32.7
	Total Residents/Fellows in Primary Care ACGME Programs per 100,000 Population as of Dec. 31, 2019	11.5	36	12.7
	Percentage of Residents in ACGME Programs Who Are IMGs as of December 31, 2019	11.8%	40	19.2%
	Ratio of Residents and Fellows (GME) to Medical Students (UME), AY 2019-2020 & 2020-2021	1.5	8	1.0
	Percent Change in Residents and Fellows in ACGME-Accredited Programs, 2010-2020	30.7%	20	24.4%
<b>Retention</b>	Percentage of Physicians Retained in State from Undergraduate Medical Education (UME), 2020	62.7%	1	39.7%
	Percentage of Physicians Retained in State from Public UME, 2020	68.6%	1	43.7%
	Percentage of Physicians Retained in State from Graduate Medical Education (GME), 2020	70.8%	1	45.1%
	Percentage of Physicians Retained in State from UME and GME Combined, 2020	81.5%	2	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	113,718	347	44,030	38.8	39,568	34.8
Allergy & Immunology	621	63,627	266	42.8	265	42.7
Anatomic/Clinical Pathology	1,538	25,691	570	37.1	854	55.5
Anesthesiology	5,312	7,438	1,428	26.9	2,236	42.1
Cardiovascular Disease	2,298	17,194	401	17.5	1,235	53.7
Child & Adolescent Psychiatry**	1,259	9,988	668	53.1	386	30.7
Clinical Cardiac Electrophysiology	228	173,299	28	12.3	29	12.7
Critical Care Medicine	1,460	27,063	420	28.8	156	10.7
Dermatology	1,841	21,462	962	52.3	642	34.9
Emergency Medicine	5,638	7,008	1,657	29.4	1,509	26.8
Endocrinology, Diabetes & Metabolism	899	43,951	458	51.0	319	35.5
Family Medicine/General Practice	13,958	2,831	6,334	45.5	4,802	34.5
Gastroenterology	1,749	22,591	375	21.5	678	38.8
General Surgery	2,820	14,011	704	25.0	1,061	37.6
Geriatric Medicine***	635	12,860	344	54.2	149	23.5
Hematology & Oncology	1,838	21,497	654	35.6	613	33.4
Infectious Disease	1,066	37,066	446	41.9	377	35.4
Internal Medicine	15,940	2,479	6,600	41.5	5,344	33.6
Internal Medicine/Pediatrics	438	90,211	227	51.8	22	5.0
Interventional Cardiology	403	98,045	39	9.7	22	5.5
Neonatal-Perinatal Medicine	712	55,495	390	54.8	259	36.4
Nephrology	1,282	30,821	410	32.1	377	29.4
Neurological Surgery	655	60,324	68	10.4	220	33.6
Neurology	1,655	23,874	553	33.4	734	44.4
Neuroradiology	455	86,840	116	25.5	44	9.7
Obstetrics & Gynecology	5,145	7,680	3,212	62.5	1,910	37.1
Ophthalmology	2,488	15,881	737	29.6	972	39.1
Orthopedic Surgery	2,232	17,703	185	8.3	1,094	49.0
Otolaryngology	1,211	32,628	280	23.1	405	33.4
Pain Medicine & Pain Management	692	57,099	138	20.0	128	18.5
Pediatric Anesthesiology & Anesthesia	330	119,734	174	52.7	14	4.2
Pediatric Cardiology	314	125,835	117	37.3	87	27.7
Pediatric Critical Care Medicine	316	125,039	158	50.2	42	13.3
Pediatric Hematology & Oncology	386	102,363	219	56.9	97	25.1
Pediatrics**	7,827	1,607	5,115	65.4	2,818	36.0
Physical Medicine & Rehabilitation	1,080	36,585	394	36.6	342	31.7
Plastic Surgery	1,130	34,967	175	15.5	476	42.1
Preventive Medicine	902	43,805	358	39.7	506	56.1
Psychiatry	5,752	6,869	2,262	39.4	2,818	49.0
Pulmonary Disease	556	71,065	63	11.3	481	86.5
Radiation Oncology	613	64,457	191	31.2	183	29.9
Radiology & Diagnostic Radiology	3,226	12,248	865	26.8	1,376	42.7
Rheumatology	755	52,334	361	48.0	255	33.8
Sports Medicine	328	120,464	98	30.0	20	6.1
Sports Medicine Orthopedic Surgery	329	120,098	20	6.1	30	9.1
Thoracic Surgery	478	82,662	55	11.5	227	47.5
Urology	1,088	36,316	136	12.5	431	39.6
Vascular & Interventional Radiology	425	92,970	59	13.9	40	9.4
Vascular Surgery	425	92,970	74	17.4	131	30.8

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
<b>State Where GME Was Completed for All Active Physicians in State</b>	California	61,099	58%
	New York	8,840	8%
	Illinois	3,430	3%
	Pennsylvania	3,373	3%
	Massachusetts	3,231	3%
	Texas	2,642	2%
	Michigan	2,420	2%
	Ohio	2,192	2%
	Maryland	1,331	1%
	New Jersey	1,224	1%
	All other states	16,334	15%
<b>Practice Location of Physicians Who Completed GME in State</b>	California	61,099	71%
	Washington	2,130	2%
	Texas	2,051	2%
	Oregon	1,705	2%
	Florida	1,432	2%
	Arizona	1,265	1%
	New York	1,106	1%
	Colorado	1,028	1%
	Nevada	1,013	1%
	Massachusetts	823	1%
	All other states	12,597	15%

**Notes:**

GME = Graduate Medical Education

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

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