

# Michigan Physician Workforce Profile

2019-2020	State Population:	9,986,857	Total Female Physicians:	10,820
	Population ≤ age 24	3,092,230	Total MD or DO Students:	5,340
	Total Active Physicians:	30,040	Total Residents:	7,263
	Primary Care Physicians:	10,196		

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)

		MI	MI Rank	State Median
<b>Physician Supply</b>	Active Physicians per 100,000 Population, 2020	300.8	15	272.0
	Total Active Patient Care Physicians per 100,000 Population, 2020	258.8	17	239.8
	Active Primary Care Physicians per 100,000 Population, 2020	102.1	15	94.7
	Active Patient Care Primary Care Physicians per 100,000 Population, 2020	90.6	15	84.5
	Active General Surgeons per 100,000 Population, 2020	7.7	24	7.7
	Active Patient Care General Surgeons per 100,000 Population, 2020	6.6	29	7.0
	Percentage of Active Physicians Who Are Female, 2020	36.1%	25	36.1%
	Percentage of Active Physicians Who Are International Medical Graduates (IMGs), 2020	29.6%	6	19.7%
	Percentage of Active Physicians Who Are Age 60 or Older, 2020	32.7%	29	32.9%
	Percent of Active Physicians Who Identify as Asian, 2020	17.7%	16	13.7%
	Percent of Active Physicians Who Identify as Black or African American, 2020	5.1%	16	3.8%
	Percent of Active Physicians Who Identify as Hispanic, Latino or of Spanish Origin, 2020	2.6%	43	3.2%
	Percent of Active Physicians Who Identify as American Indian or Alaska Native, 2020	0.3%	32	0.4%
	Percent of Active Physicians Who Identify as Native Hawaiian or Other Pacific Islander, 2020	0.1%	31	0.1%
	Percent of Active Physicians Who Identify as Other Race/Ethnicity, 2020	2.4%	5	1.4%
Percent of Active Physicians Who Identify as White, 2020	58.8%	39	67.3%	
<b>Undergraduate Medical Education (UME)</b>	MD and DO Student Enrollment per 100,000 Population, AY 2019-2020 & 2020-2021	53.5	8	38.6
	Student Enrollment at Public MD and DO Schools per 100,000 Population, AY 2019-2020 & 2020-2021	50.1	3	21.5
	Percentage Change in Student Enrollment at MD and DO Schools, 2010-2020	40.3%	16	31.2%
	Percentage of MD Students Matriculating In-State, AY 2020-2021	69.8%	19	67.6%
<b>Graduate Medical Education (GME)</b>	Total Residents/Fellows in ACGME Programs per 100,000 Population as of December 31, 2019	72.7	4	32.7
	Total Residents/Fellows in Primary Care ACGME Programs per 100,000 Population as of Dec. 31, 2019	24.9	6	12.7
	Percentage of Residents in ACGME Programs Who Are IMGs as of December 31, 2019	27.6%	10	19.2%
	Ratio of Residents and Fellows (GME) to Medical Students (UME), AY 2019-2020 & 2020-2021	1.4	10	1.0
	Percent Change in Residents and Fellows in ACGME-Accredited Programs, 2010-2020	50.2%	9	24.4%
<b>Retention</b>	Percentage of Physicians Retained in State from Undergraduate Medical Education (UME), 2020	43.6%	16	39.7%
	Percentage of Physicians Retained in State from Public UME, 2020	43.5%	22	43.7%
	Percentage of Physicians Retained in State from Graduate Medical Education (GME), 2020	45.0%	26	45.1%
	Percentage of Physicians Retained in State from UME and GME Combined, 2020	67.8%	26	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	30,040	332	10,820	36.1	9,734	32.7
Allergy & Immunology	162	61,647	71	43.8	63	38.9
Anatomic/Clinical Pathology	344	29,032	111	32.5	185	53.9
Anesthesiology	1,042	9,584	270	25.9	432	41.5
Cardiovascular Disease	633	15,777	96	15.2	309	49.0
Child & Adolescent Psychiatry**	231	13,386	130	56.3	99	42.9
Clinical Cardiac Electrophysiology	97	102,957	13	13.4	*	*
Critical Care Medicine	426	23,443	99	23.2	44	10.3
Dermatology	352	28,372	178	50.6	125	35.7
Emergency Medicine	1,832	5,451	543	29.7	437	24.0
Endocrinology, Diabetes & Metabolism	223	44,784	109	48.9	70	31.4
Family Medicine/General Practice	4,321	2,311	1,807	41.8	1,547	36.0
Gastroenterology	378	26,420	85	22.5	139	36.8
General Surgery	771	12,953	165	21.4	274	35.7
Geriatric Medicine***	179	13,766	93	52.0	53	29.6
Hematology & Oncology	462	21,617	174	37.7	154	33.3
Infectious Disease	283	35,289	112	39.6	80	28.3
Internal Medicine	3,754	2,660	1,364	36.4	1,350	36.0
Internal Medicine/Pediatrics	337	29,635	177	52.5	36	10.7
Interventional Cardiology	192	52,015	18	9.4	11	5.7
Neonatal-Perinatal Medicine	133	75,089	66	50.0	51	38.3
Nephrology	344	29,032	99	28.9	83	24.2
Neurological Surgery	167	59,802	23	13.9	51	30.5
Neurology	407	24,538	117	28.7	184	45.4
Neuroradiology	146	68,403	22	15.3	20	13.7
Obstetrics & Gynecology	1,323	7,549	803	60.7	422	32.1
Ophthalmology	609	16,399	164	26.9	207	34.1
Orthopedic Surgery	513	19,468	31	6.1	222	43.5
Otolaryngology	236	42,317	43	18.2	88	37.3
Pain Medicine & Pain Management	192	52,015	31	16.3	33	17.2
Pediatric Anesthesiology & Anesthesia	92	108,553	49	53.3	*	*
Pediatric Cardiology	121	82,536	44	36.4	27	22.3
Pediatric Critical Care Medicine	81	123,295	34	42.0	12	14.8
Pediatric Hematology & Oncology	83	120,324	40	48.2	20	24.1
Pediatrics**	1,596	1,937	1,029	64.6	588	36.8
Physical Medicine & Rehabilitation	382	26,144	126	33.2	129	33.9
Plastic Surgery	181	55,176	41	22.7	75	41.4
Preventive Medicine	162	61,647	50	30.9	109	68.1
Psychiatry	933	10,704	380	40.8	514	55.1
Pulmonary Disease	119	83,923	12	10.1	96	80.7
Radiation Oncology	178	56,106	46	25.8	58	32.6
Radiology & Diagnostic Radiology	827	12,076	195	23.6	359	43.6
Rheumatology	178	56,106	77	43.3	71	39.9
Sports Medicine	102	97,910	28	27.5	*	*
Sports Medicine Orthopedic Surgery	81	123,295	*	*	*	*
Thoracic Surgery	131	76,236	*	*	64	48.9
Urology	291	34,319	29	10.0	127	43.6
Vascular & Interventional Radiology	115	86,842	*	*	15	13.0
Vascular Surgery	141	70,829	21	14.9	45	32.1

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>	Michigan	16,745	65%
	Ohio	1,134	4%
	Illinois	1,010	4%
	New York	1,000	4%
	Pennsylvania	629	2%
	Massachusetts	440	2%
	California	420	2%
	Texas	364	1%
	Minnesota	309	1%
	Wisconsin	308	1%
	All other states	3,217	13%
<b>Practice Location of Physicians Who Completed GME in State</b>	Michigan	16,745	45%
	California	2,420	7%
	Florida	1,668	4%
	Texas	1,410	4%
	Ohio	1,354	4%
	Illinois	1,236	3%
	Indiana	796	2%
	Wisconsin	785	2%
	Arizona	668	2%
	North Carolina	642	2%
	All other states	9,409	25%

**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).