

# Michigan Physician Workforce Profile

2	State Population:	9,995,915	Total Female Physicians:	10,013
0	Population ≤ age 21	2,705,259	Total MD or DO Students:	5,291
1	Total Active Physicians:	28,692	Total Residents:	6,895
8	Primary Care Physicians:	9,774		

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)

		MI	MI Rank	State Median
<b>Physician Supply</b>	Active Physicians per 100,000 Population, 2018	287.0	15	257.6
	Total Active Patient Care Physicians per 100,000 Population, 2018	249.7	17	227.2
	Active Primary Care Physicians per 100,000 Population, 2018	97.8	17	90.8
	Active Patient Care Primary Care Physicians per 100,000 Population, 2018	87.6	18	82.5
	Active General Surgeons per 100,000 Population, 2018	7.9	22	7.7
	Active Patient Care General Surgeons per 100,000 Population, 2018	6.7	27	6.9
	Percentage of Active Physicians Who Are Female, 2018	35.0%	26	33.8%
	Percentage of Active Physicians Who Are International Medical Graduates (IMGs), 2018	29.2%	6	19.1%
	Percentage of Active Physicians Who Are Age 60 or Older, 2018	31.6%	24	30.3%
<b>Undergraduate Medical Education (UME)</b>	MD and DO Student Enrollment per 100,000 Population, AY 2018-2019	52.9	9	32.7
	Student Enrollment at Public MD and DO Schools per 100,000 Population, AY 2018-2019	49.9	3	21.2
	Percentage Change in Student Enrollment at MD and DO Schools, 2008-2018	56.1%	10	24.6%
	Percentage of MD Students Matriculating In-State, AY 2018-2019	71.5%	17	65.6%
<b>Graduate Medical Education (GME)</b>	Total Residents/Fellows in ACGME Programs per 100,000 Population as of December 31, 2018	69.0	5	28.1
	Total Residents/Fellows in Primary Care ACGME Programs per 100,000 Population as of Dec. 31, 2018	23.6	5	10.6
	Percentage of Residents in ACGME Programs Who Are IMGs as of December 31, 2018	26.8%	11	20.5%
	Ratio of Residents and Fellows (GME) to Medical Students (UME), AY 2017-2018	1.4	11	1.0
	Percent Change in Residents and Fellows in ACGME-Accredited Programs, 2008-2018	49.5%	8	17.6%
<b>Retention</b>	Percentage of Physicians Retained in State from Undergraduate Medical Education (UME), 2018	43.4%	16	38.5%
	Percentage of Physicians Retained in State from Public UME, 2018	43.4%	22	44.1%
	Percentage of Physicians Retained in State from Graduate Medical Education (GME), 2018	44.0%	28	44.9%
	Percentage of Physicians Retained in State from UME and GME Combined, 2018	66.9%	26	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

# Michigan Physician Workforce Profile

Specialty	Total Active		Female		Age 60 or Older	
	Physicians	People Per Physician	Number	Percent	Number	Percent
All Specialties	28,692	348	10,013	35.0	8,982	31.6
Allergy & Immunology	152	65,763	64	42.1	56	36.8
Anatomic/Clinical Pathology	359	27,844	116	32.5	180	50.3
Anesthesiology	1,012	9,877	246	24.3	380	37.6
Cardiovascular Disease	624	16,019	81	13.0	286	46.1
Child & Adolescent Psychiatry**	238	11,367	132	55.5	99	41.6
Critical Care Medicine	396	25,242	89	22.5	38	9.6
Dermatology	331	30,199	162	48.9	112	34.0
Emergency Medicine	1,621	6,167	454	28.0	393	24.4
Endocrinology, Diabetes & Metabolism	208	48,057	95	45.7	73	35.1
Family Medicine/General Practice	4,093	2,442	1,673	40.9	1,437	35.3
Gastroenterology	379	26,374	84	22.2	133	35.1
General Surgery	788	12,685	157	19.9	257	32.8
Geriatric Medicine***	172	*	85	49.4	50	29.1
Hematology & Oncology	445	22,463	164	37.0	159	35.7
Infectious Disease	267	37,438	106	39.7	73	27.3
Internal Medicine	3,632	2,752	1,309	36.1	1,224	33.8
Internal Medicine/Pediatrics	308	32,454	158	51.3	22	7.1
Interventional Cardiology	174	57,448	18	10.3	*	*
Neonatal-Perinatal Medicine	119	83,999	57	48.3	44	37.0
Nephrology	317	31,533	93	29.4	75	23.7
Neurological Surgery	172	58,116	23	13.5	55	32.0
Neurology	404	24,742	116	28.7	170	42.3
Neuroradiology	137	72,963	22	16.3	15	10.9
Obstetrics & Gynecology	1,291	7,743	748	58.0	390	30.4
Ophthalmology	613	16,307	155	25.3	193	31.6
Orthopedic Surgery	516	19,372	29	5.6	204	39.8
Otolaryngology	241	41,477	40	16.6	80	33.2
Pain Medicine & Pain Management	169	59,147	29	17.4	27	16.0
Pediatrics**	1,560	1,734	979	62.8	550	35.3
Physical Medicine & Rehabilitation	373	26,799	124	33.4	110	29.6
Plastic Surgery	178	56,157	38	21.3	69	38.8
Preventive Medicine	176	56,795	55	31.3	115	66.1
Psychiatry	928	10,771	378	40.8	511	55.1
Pulmonary Disease	120	83,299	12	10.0	90	75.0
Radiation Oncology	168	59,499	44	26.2	50	29.8
Radiology & Diagnostic Radiology	837	11,943	192	23.0	344	41.2
Rheumatology	167	59,856	72	43.1	65	38.9
Sports Medicine	89	112,314	27	30.3	*	*
Thoracic Surgery	131	76,305	*	*	59	45.0
Urology	281	35,573	26	9.3	123	43.8
Vascular & Interventional Radiology	105	95,199	*	*	*	*
Vascular Surgery	136	73,499	16	11.8	40	29.6

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>	Michigan	15,651	64%
	Ohio	1,101	5%
	Illinois	1,008	4%
	New York	994	4%
	Pennsylvania	611	3%
	Massachusetts	427	2%
	California	402	2%
	Texas	348	1%
	Minnesota	325	1%
	Wisconsin	306	1%
	All other states	3,147	13%
<b>Practice Location of Physicians Who Completed GME in State</b>	Michigan	15,651	44%
	California	2,386	7%
	Florida	1,644	5%
	Texas	1,379	4%
	Ohio	1,312	4%
	Illinois	1,202	3%
	Indiana	780	2%
	Wisconsin	752	2%
	Arizona	658	2%
	North Carolina	607	2%
	All other states	9,082	26%

Notes:  
 GME = Graduate Medical Education  
 "All other states" includes physicians who completed GME in Canada.

Source: AMA Physician Masterfile (December 31, 2018)