

Michigan Physician Workforce Profile

2	State Population:	9,928,300	Total Female Physicians:	9,535
0	Population ≤ age 21	2,737,648	Total MD or DO Students:	5,169
1	Total Active Physicians:	28,206	Total Residents:	5,655
6	Primary Care Physicians:	9,701		

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

		MI	MI Rank	State Median
Physician Supply	Active Physicians per 100,000 Population, 2016	284.1	15	257.6
	Total Active Patient Care Physicians per 100,000 Population, 2016	246.4	15	227.2
	Active Primary Care Physicians per 100,000 Population, 2016	97.7	16	90.8
	Active Patient Care Primary Care Physicians per 100,000 Population, 2016	87.7	16	82.5
	Active General Surgeons per 100,000 Population, 2016	7.9	24	7.7
	Active Patient Care General Surgeons per 100,000 Population, 2016	6.8	26	6.9
	Percentage of Active Physicians Who Are Female, 2016	33.9%	24	33.8%
	Percentage of Active Physicians Who Are International Medical Graduates (IMGs), 2016	29.2%	5	19.1%
	Percentage of Active Physicians Who Are Age 60 or Older, 2016	30.4%	24	30.3%
Undergraduate Medical Education (UME)	MD and DO Student Enrollment per 100,000 Population, AY 2016-2017	52.1	8	32.7
	Student Enrollment at Public MD and DO Schools per 100,000 Population, AY 2016-2017	50.2	3	21.2
	Percentage Change in Student Enrollment at MD and DO Schools, 2006-2016	68.3%	10	24.6%
	Percentage of MD Students Matriculating In-State, AY 2016-2017	75.1%	15	65.6%
Graduate Medical Education (GME)	Total Residents/Fellows in ACGME Programs per 100,000 Population as of December 31, 2016	57.0	6	28.1
	Total Residents/Fellows in Primary Care ACGME Programs per 100,000 Population as of Dec. 31, 2016	20.1	6	10.6
	Percentage of Residents in ACGME Programs Who Are IMGs as of December 31, 2016	31.4%	9	20.5%
	Ratio of Residents and Fellows (GME) to Medical Students (UME), AY 2015-2016	1.3	13	1.0
	Percent Change in Residents and Fellows in ACGME-Accredited Programs, 2006-2016	27.3%	11	17.6%
Retention	Percentage of Physicians Retained in State from Undergraduate Medical Education (UME), 2016	43.8%	16	38.5%
	Percentage of Physicians Retained in State from Public UME, 2016	43.8%	22	44.1%
	Percentage of Physicians Retained in State from Graduate Medical Education (GME), 2016	44.6%	28	44.9%
	Percentage of Physicians Retained in State from UME and GME Combined, 2016	66.6%	27	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	28,206	352	9,535	33.9	8,518	30.4
Allergy & Immunology	143	69,429	58	40.6	44	30.8
Anatomic/Clinical Pathology	375	26,475	119	31.9	181	48.4
Anesthesiology	1,023	9,705	233	22.8	346	33.9
Cardiovascular Disease	619	16,039	76	12.3	264	42.9
Child & Adolescent Psychiatry**	229	11,955	123	53.7	91	39.7
Critical Care Medicine	337	29,461	81	24.0	29	8.6
Dermatology	322	30,833	147	45.7	115	35.8
Emergency Medicine	1,573	6,312	443	28.2	363	23.2
Endocrinology, Diabetes & Metabolism	190	52,254	79	41.6	64	33.7
Family Medicine/General Practice	4,023	2,468	1,566	38.9	1,375	34.4
Gastroenterology	358	27,733	71	19.8	120	33.5
General Surgery	783	12,680	147	18.8	257	32.9
Geriatric Medicine***	163	9,888	80	49.1	43	26.4
Hematology & Oncology	421	23,583	147	35.1	155	36.8
Infectious Disease	275	36,103	101	36.7	71	25.8
Internal Medicine	3,656	2,716	1,283	35.1	1,180	32.3
Internal Medicine/Pediatrics	292	34,001	149	51.0	12	4.1
Interventional Cardiology	152	65,318	12	7.9	*	*
Neonatal-Perinatal Medicine	114	87,090	50	44.2	39	34.2
Nephrology	314	31,619	85	27.2	67	21.4
Neurological Surgery	165	60,172	17	10.4	49	29.7
Neurology	390	25,457	113	29.0	154	39.8
Neuroradiology	124	80,067	20	16.4	10	8.1
Obstetrics & Gynecology	1,301	7,631	723	55.6	386	29.8
Ophthalmology	601	16,520	143	23.8	193	32.2
Orthopedic Surgery	527	18,839	30	5.7	200	38.0
Otolaryngology	235	42,248	37	15.7	78	33.2
Pain Medicine & Pain Management	157	63,238	27	17.4	20	12.7
Pediatrics**	1,557	1,758	966	62.1	513	32.9
Physical Medicine & Rehabilitation	360	27,579	118	33.0	95	26.5
Plastic Surgery	178	55,777	33	18.5	64	36.0
Preventive Medicine	173	57,389	49	28.3	114	66.7
Psychiatry	964	10,299	378	39.3	507	52.6
Pulmonary Disease	129	76,964	11	8.5	86	66.7
Radiation Oncology	154	64,469	42	27.3	48	31.2
Radiology & Diagnostic Radiology	861	11,531	192	22.4	335	39.0
Rheumatology	159	62,442	67	42.1	56	35.2
Thoracic Surgery	132	75,214	*	*	54	40.9
Urology	294	33,770	24	8.2	117	39.8
Vascular & Interventional Radiology	106	93,663	*	*	*	*
Vascular Surgery	136	73,002	10	7.4	40	29.6

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	Michigan	15,748	65%
	Ohio	1,095	5%
	Illinois	1,011	4%
	New York	993	4%
	Pennsylvania	599	2%
	California	403	2%
	Massachusetts	381	2%
	Texas	328	1%
	Minnesota	319	1%
	Wisconsin	307	1%
	All other states	3,115	13%
Practice Location of Physicians Who Completed GME in State	Michigan	15,748	45%
	California	2,352	7%
	Florida	1,565	4%
	Texas	1,297	4%
	Ohio	1,294	4%
	Illinois	1,159	3%
	Indiana	797	2%
	Wisconsin	763	2%
	Arizona	633	2%
	North Carolina	598	2%
	All other states	8,968	25%

Notes:

GME = Graduate Medical Education

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

Source: AMA Physician Masterfile (December 31, 2016)