

Massachusetts Physician Workforce Profile

2	State Population:	6,902,149	Total Female Physicians:	13,150
0	Population ≤ age 21	1,778,180	Total MD or DO Students:	3,176
1	Total Active Physicians:	31,025	Total Residents:	5,729
8	Primary Care Physicians:	9,267		

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

		MA	MA Rank	State Median
Physician Supply	Active Physicians per 100,000 Population, 2018	449.5	1	257.6
	Total Active Patient Care Physicians per 100,000 Population, 2018	353.7	1	227.2
	Active Primary Care Physicians per 100,000 Population, 2018	134.3	1	90.8
	Active Patient Care Primary Care Physicians per 100,000 Population, 2018	114.6	3	82.5
	Active General Surgeons per 100,000 Population, 2018	9.6	12	7.7
	Active Patient Care General Surgeons per 100,000 Population, 2018	7.3	18	6.9
	Percentage of Active Physicians Who Are Female, 2018	42.4%	1	33.8%
	Percentage of Active Physicians Who Are International Medical Graduates (IMGs), 2018	24.0%	16	19.1%
	Percentage of Active Physicians Who Are Age 60 or Older, 2018	30.8%	31	30.3%
Undergraduate Medical Education (UME)	MD and DO Student Enrollment per 100,000 Population, AY 2018-2019	46.0	13	32.7
	Student Enrollment at Public MD and DO Schools per 100,000 Population, AY 2018-2019	9.8	39	21.2
	Percentage Change in Student Enrollment at MD and DO Schools, 2008-2018	12.6%	41	24.6%
	Percentage of MD Students Matriculating In-State, AY 2018-2019	35.1%	40	65.6%
Graduate Medical Education (GME)	Total Residents/Fellows in ACGME Programs per 100,000 Population as of December 31, 2018	83.0	2	28.1
	Total Residents/Fellows in Primary Care ACGME Programs per 100,000 Population as of Dec. 31, 2018	23.4	6	10.6
	Percentage of Residents in ACGME Programs Who Are IMGs as of December 31, 2018	20.7%	23	20.5%
	Ratio of Residents and Fellows (GME) to Medical Students (UME), AY 2017-2018	1.8	1	1.0
	Percent Change in Residents and Fellows in ACGME-Accredited Programs, 2008-2018	8.5%	44	17.6%
Retention	Percentage of Physicians Retained in State from Undergraduate Medical Education (UME), 2018	29.5%	36	38.5%
	Percentage of Physicians Retained in State from Public UME, 2018	51.7%	8	44.1%
	Percentage of Physicians Retained in State from Graduate Medical Education (GME), 2018	43.6%	29	44.9%
	Percentage of Physicians Retained in State from UME and GME Combined, 2018	58.9%	38	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

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Specialty	Total Active		Female		Age 60 or Older	
	Physicians	People Per Physician	Number	Percent	Number	Percent
All Specialties	31,025	222	13,150	42.4	9,555	30.8
Allergy & Immunology	195	35,396	79	40.5	79	40.5
Anatomic/Clinical Pathology	563	12,260	225	40.0	249	44.2
Anesthesiology	1,210	5,704	416	34.4	424	35.0
Cardiovascular Disease	867	7,961	179	20.7	348	40.1
Child & Adolescent Psychiatry**	456	3,900	253	55.5	158	34.6
Critical Care Medicine	532	12,974	189	35.5	41	7.7
Dermatology	451	15,304	254	56.3	138	30.6
Emergency Medicine	1,247	5,535	418	33.5	303	24.3
Endocrinology, Diabetes & Metabolism	431	16,014	242	56.3	131	30.4
Family Medicine/General Practice	1,731	3,987	975	56.4	492	28.5
Gastroenterology	531	12,998	133	25.0	177	33.3
General Surgery	660	10,458	189	28.6	240	36.4
Geriatric Medicine***	235	*	144	61.3	42	17.9
Hematology & Oncology	783	8,815	306	39.1	224	28.6
Infectious Disease	525	13,147	232	44.2	139	26.5
Internal Medicine	4,997	1,381	2,233	44.8	1,691	33.8
Internal Medicine/Pediatrics	210	32,867	120	57.1	10	4.8
Interventional Cardiology	127	54,348	13	10.2	*	*
Neonatal-Perinatal Medicine	178	38,776	118	66.3	41	23.0
Nephrology	408	16,917	127	31.2	98	24.0
Neurological Surgery	143	48,267	19	13.3	50	35.0
Neurology	670	10,302	231	34.5	247	36.9
Neuroradiology	161	42,870	55	34.2	11	6.8
Obstetrics & Gynecology	1,042	6,624	710	68.2	310	29.8
Ophthalmology	596	11,581	230	38.6	208	34.9
Orthopedic Surgery	475	14,531	41	8.6	211	44.4
Otolaryngology	260	26,547	69	26.5	74	28.5
Pain Medicine & Pain Management	158	43,684	39	24.7	15	9.5
Pediatrics**	2,044	870	1,345	65.8	655	32.1
Physical Medicine & Rehabilitation	207	33,344	80	38.6	64	30.9
Plastic Surgery	174	39,668	39	22.4	55	31.6
Preventive Medicine	204	33,834	72	35.3	107	52.5
Psychiatry	1,850	3,731	783	42.3	962	52.0
Pulmonary Disease	184	37,512	24	13.0	144	78.3
Radiation Oncology	181	38,133	76	42.0	48	26.5
Radiology & Diagnostic Radiology	906	7,618	335	37.1	347	38.3
Rheumatology	280	24,651	131	47.0	99	35.4
Sports Medicine	71	97,213	33	46.5	*	*
Thoracic Surgery	143	48,267	16	11.2	56	39.2
Urology	279	24,739	31	11.1	101	36.2
Vascular & Interventional Radiology	137	50,381	26	19.0	10	7.3
Vascular Surgery	133	51,896	18	13.5	40	30.1

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	Massachusetts	17,311	60%
	New York	2,760	10%
	Pennsylvania	1,073	4%
	Connecticut	819	3%
	Rhode Island	817	3%
	California	782	3%
	Maryland	509	2%
	Illinois	501	2%
	Ohio	394	1%
	Michigan	318	1%
	All other states	3,484	12%
Practice Location of Physicians Who Completed GME in State	Massachusetts	17,311	44%
	California	3,130	8%
	New York	2,153	5%
	Florida	1,437	4%
	Texas	1,194	3%
	Pennsylvania	1,098	3%
	Connecticut	931	2%
	Maryland	788	2%
	New Hampshire	730	2%
	Illinois	722	2%
	All other states	10,016	25%

Notes:

GME = Graduate Medical Education

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

Source: AMA Physician Masterfile (December 31, 2018)