

Massachusetts Physician Workforce Profile

2	State Population:	6,811,779	Total Female Physicians:	12,455
0	Population ≤ age 21	1,788,597	Total MD or DO Students:	3,088
1	Total Active Physicians:	30,213	Total Residents:	5,630
6	Primary Care Physicians:	9,156		

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

		MA	MA Rank	State Median
Physician Supply	Active Physicians per 100,000 Population, 2016	443.5	1	257.6
	Total Active Patient Care Physicians per 100,000 Population, 2016	351.3	1	227.2
	Active Primary Care Physicians per 100,000 Population, 2016	134.4	1	90.8
	Active Patient Care Primary Care Physicians per 100,000 Population, 2016	114.7	3	82.5
	Active General Surgeons per 100,000 Population, 2016	10.2	8	7.7
	Active Patient Care General Surgeons per 100,000 Population, 2016	7.7	13	6.9
	Percentage of Active Physicians Who Are Female, 2016	41.3%	1	33.8%
	Percentage of Active Physicians Who Are International Medical Graduates (IMGs), 2016	23.4%	18	19.1%
	Percentage of Active Physicians Who Are Age 60 or Older, 2016	29.4%	29	30.3%
Undergraduate Medical Education (UME)	MD and DO Student Enrollment per 100,000 Population, AY 2016-2017	45.3	11	32.7
	Student Enrollment at Public MD and DO Schools per 100,000 Population, AY 2016-2017	8.8	40	21.2
	Percentage Change in Student Enrollment at MD and DO Schools, 2006-2016	11.8%	38	24.6%
	Percentage of MD Students Matriculating In-State, AY 2016-2017	39.3%	38	65.6%
Graduate Medical Education (GME)	Total Residents/Fellows in ACGME Programs per 100,000 Population as of December 31, 2016	82.7	1	28.1
	Total Residents/Fellows in Primary Care ACGME Programs per 100,000 Population as of Dec. 31, 2016	25.0	4	10.6
	Percentage of Residents in ACGME Programs Who Are IMGs as of December 31, 2016	20.0%	29	20.5%
	Ratio of Residents and Fellows (GME) to Medical Students (UME), AY 2015-2016	1.8	2	1.0
	Percent Change in Residents and Fellows in ACGME-Accredited Programs, 2006-2016	10.6%	38	17.6%
Retention	Percentage of Physicians Retained in State from Undergraduate Medical Education (UME), 2016	29.8%	36	38.5%
	Percentage of Physicians Retained in State from Public UME, 2016	52.1%	7	44.1%
	Percentage of Physicians Retained in State from Graduate Medical Education (GME), 2016	44.7%	27	44.9%
	Percentage of Physicians Retained in State from UME and GME Combined, 2016	58.9%	36	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	30,213	225	12,455	41.3	8,891	29.4
Allergy & Immunology	196	34,754	74	37.8	75	38.3
Anatomic/Clinical Pathology	568	11,993	215	37.9	240	42.3
Anesthesiology	1,219	5,588	418	34.3	388	31.8
Cardiovascular Disease	852	7,995	175	20.6	326	38.3
Child & Adolescent Psychiatry**	448	3,992	243	54.2	147	32.8
Critical Care Medicine	478	14,251	170	35.6	35	7.3
Dermatology	420	16,219	230	54.8	120	28.6
Emergency Medicine	1,202	5,667	401	33.4	286	23.8
Endocrinology, Diabetes & Metabolism	397	17,158	220	55.6	119	30.0
Family Medicine/General Practice	1,668	4,084	910	54.7	453	27.2
Gastroenterology	529	12,877	129	24.4	171	32.3
General Surgery	695	9,801	199	28.6	239	34.4
Geriatric Medicine***	233	4,609	135	57.9	41	17.6
Hematology & Oncology	741	9,193	296	40.0	210	28.3
Infectious Disease	508	13,409	226	44.5	125	24.6
Internal Medicine	4,978	1,368	2,187	44.0	1,540	30.9
Internal Medicine/Pediatrics	206	33,067	115	55.8	*	*
Interventional Cardiology	113	60,281	12	10.6	*	*
Neonatal-Perinatal Medicine	164	41,535	106	64.6	39	23.8
Nephrology	375	18,165	108	28.9	91	24.3
Neurological Surgery	140	48,656	17	12.1	44	31.4
Neurology	641	10,627	211	32.9	225	35.1
Neuroradiology	132	51,604	41	31.1	*	*
Obstetrics & Gynecology	1,087	6,267	724	66.7	301	27.7
Ophthalmology	605	11,259	227	37.5	200	33.1
Orthopedic Surgery	501	13,596	42	8.4	221	44.1
Otolaryngology	265	25,705	67	25.3	69	26.0
Pain Medicine & Pain Management	155	43,947	38	24.5	*	*
Pediatrics**	2,027	882	1,313	64.8	602	29.7
Physical Medicine & Rehabilitation	223	30,546	90	40.4	53	23.8
Plastic Surgery	189	36,041	43	22.8	60	31.7
Preventive Medicine	186	36,622	60	32.3	101	54.3
Psychiatry	1,861	3,660	782	42.0	939	50.5
Pulmonary Disease	189	36,041	23	12.2	136	72.0
Radiation Oncology	177	38,485	71	40.1	43	24.3
Radiology & Diagnostic Radiology	937	7,270	318	34.0	323	34.5
Rheumatology	270	25,229	117	43.5	94	34.8
Thoracic Surgery	156	43,665	17	10.9	53	34.0
Urology	277	24,591	33	11.9	96	34.7
Vascular & Interventional Radiology	121	56,296	21	17.4	*	*
Vascular Surgery	130	52,398	15	11.5	39	30.0

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	Massachusetts	16,893	59%
	New York	2,822	10%
	Pennsylvania	1,085	4%
	Connecticut	860	3%
	California	824	3%
	Rhode Island	778	3%
	Illinois	490	2%
	Maryland	487	2%
	Ohio	424	1%
	Michigan	329	1%
	All other states	3,504	12%
	Practice Location of Physicians Who Completed GME in State	Massachusetts	16,893
California		2,896	8%
New York		2,022	5%
Florida		1,328	4%
Texas		1,075	3%
Pennsylvania		1,055	3%
Connecticut		890	2%
Maryland		787	2%
Illinois		695	2%
New Hampshire		687	2%
All other states		9,326	25%

Notes:

GME = Graduate Medical Education

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

Source: AMA Physician Masterfile (December 31, 2016)