

# Massachusetts Physician Workforce Profile

2	State Population:	6,745,408	Total Female Physicians:	11,614
0	Population ≤ age 21	1,804,382	Total Medical or Osteopathic Students:	3,014
1	Total Active Physicians:	29,166	Total Residents:	5,510
4	Primary Care Physicians:	9,030		

For additional data, including maps and tables, please see the 2015 State Physician Workforce Data Book online at [www.aamc.org/2015statedatabook](http://www.aamc.org/2015statedatabook)

		MA	MA Rank	State Median
<b>Physician Supply</b>	Active Physicians per 100,000 Population, 2014	432.4	1	251.0
	Total Active Patient Care Physicians per 100,000 Population, 2014	349.5	1	225.6
	Active Primary Care Physicians per 100,000 Population, 2014	133.9	1	90.4
	Active Patient Care Primary Care Physicians per 100,000 Population, 2014	115.5	3	83.1
	Active General Surgeons per 100,000 Population, 2014	10.3	8	7.8
	Active Patient Care General Surgeons per 100,000 Population, 2014	7.9	16	7.1
	Percentage of Active Physicians Who Are Female, 2014	39.9%	1	32.4%
	Percent of Active Physicians Who Are International Medical Graduates (IMGs), 2014	23.1%	18	18.7%
	Percentage of Active Physicians Who Are Age 60 or Older, 2014	28.1%	28	28.5%
<b>Undergraduate Medical Education (UME)</b>	M.D. and D.O. Student Enrollment per 100,000 Population, AY 2014-2015	44.7	11	30.4
	Student Enrollment at Public M.D. and D.O. Schools per 100,000 Population, AY 2014-2015	8.4	41	21.4
	Percentage Change in Student Enrollment at M.D. and D.O. Schools, 2004-2014	12.4%	37	20.8%
	Percentage of M.D. Students Matriculating In-State, AY 2014-2015	40.8%	37	69.2%
<b>Graduate Medical Education (GME)</b>	Total Residents/Fellows in ACGME Programs per 100,000 Population as of December 31, 2014	81.7	1	27.4
	Total Residents/Fellows in Primary Care ACGME Programs per 100,000 Population as of Dec. 31, 2014	24.9	3	10.5
	Percentage of Residents in ACGME Programs Who Are IMGs as of December 31, 2014	19.5%	32	22.2%
	Ratio of Residents and Fellows (GME) to Medical Students (UME), AY 2013-2014	1.8	3	1.1
	Percent Change in Residents and Fellows in ACGME-Accredited Programs, 2004-2014	12.4%	37	18.9%
<b>Retention</b>	Percent of Physicians Retained in State from Undergraduate Medical Education (UME), 2014	29.9%	36	38.6%
	Percent of Physicians Retained in State from Public UME, 2014	52.0%	9	43.9%
	Percent of Physicians Retained in State from Graduate Medical Education (GME), 2014	44.3%	27	44.5%
	Percent of Physicians Retained in State from UME and GME Combined, 2014	58.7%	36	68.4%

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: 2015 State Physician Workforce Data Book

# Massachusetts Physician Workforce Profile

Specialty	Total Active		Female		Age 60 or Older	
	Physicians	People Per Physician	Number	Percent	Number	Percent
All Specialties	29,166	231	11,614	39.9	8,182	28.1
Allergy & Immunology	180	37,474	59	32.8	70	38.9
Anatomic/Clinical Pathology	564	11,960	206	36.5	225	39.9
Anesthesiology	1,242	5,431	409	33.0	332	26.7
Cardiovascular Disease	843	8,002	159	18.9	314	37.2
Child & Adolescent Psychiatry**	419	4,306	219	52.3	132	31.5
Critical Care Medicine	401	16,821	141	35.2	28	7.0
Dermatology	409	16,492	216	52.8	117	28.7
Emergency Medicine	1,116	6,044	363	32.5	243	21.8
Endocrinology, Diabetes & Metabolism	383	17,612	193	50.5	112	29.2
Family Medicine/General Practice	1,628	4,143	857	52.7	403	24.8
Gastroenterology	509	13,252	116	22.8	169	33.2
General Surgery	696	9,692	184	26.4	220	31.6
Geriatric Medicine***	220	6,463	120	54.5	40	18.2
Hematology & Oncology	693	9,734	256	37.0	189	27.3
Infectious Disease	483	13,966	214	44.3	118	24.4
Internal Medicine	4,920	1,371	2,136	43.5	1,373	27.9
Internal Medicine/Pediatrics	202	33,393	110	54.5	*	*
Interventional Cardiology	87	77,533	10	11.5	*	*
Neonatal-Perinatal Medicine	149	45,271	95	63.8	35	23.5
Nephrology	351	19,218	101	28.9	91	25.9
Neurological Surgery	143	47,171	17	12.0	42	29.4
Neurology	623	10,827	192	30.8	212	34.0
Neuroradiology	113	59,694	36	31.9	*	*
Obstetrics & Gynecology	1,076	6,269	691	64.3	286	26.6
Ophthalmology	577	11,690	208	36.0	185	32.1
Orthopedic Surgery	505	13,357	40	7.9	210	41.6
Otolaryngology	254	26,557	63	24.8	68	26.8
Pain Medicine & Pain Management	144	46,843	33	22.9	*	*
Pediatrics**	2,020	893	1,282	63.5	556	27.6
Physical Medicine & Rehabilitation	232	29,075	90	38.8	47	20.3
Plastic Surgery	180	37,474	41	22.8	60	33.3
Preventive Medicine	173	38,991	51	29.5	93	53.8
Psychiatry	1,858	3,630	750	40.4	896	48.2
Pulmonary Disease	194	34,770	21	10.8	127	65.5
Radiation Oncology	174	38,767	67	38.5	42	24.1
Radiology & Diagnostic Radiology	946	7,130	311	32.9	314	33.2
Rheumatology	260	25,944	115	44.4	94	36.2
Thoracic Surgery	149	45,271	11	7.4	53	35.6
Urology	271	24,891	30	11.1	85	31.4
Vascular & Interventional Radiology	109	61,884	23	21.1	*	*
Vascular Surgery	125	53,963	14	11.2	41	32.8

Sources: AMA Physician Masterfile (12/31/14). Population estimates as of July 1, 2014 are from the U.S. Census Bureau (Release date: December 2014)

\* 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
<b>State Where GME Was Completed for All Active Physicians in State</b>	Massachusetts	16,153	58%
	New York	2,778	10%
	Pennsylvania	1,053	4%
	Connecticut	855	3%
	California	787	3%
	Rhode Island	747	3%
	Illinois	484	2%
	Maryland	473	2%
	Ohio	423	2%
	Michigan	315	1%
	All other states	3,733	13%
<b>Practice Location of Physicians Who Completed GME in State</b>	Massachusetts	16,153	45%
	California	2,768	8%
	New York	1,981	5%
	Florida	1,275	4%
	Pennsylvania	1,033	3%
	Texas	1,001	3%
	Connecticut	872	2%
	Maryland	762	2%
	Illinois	677	2%
	New Hampshire	673	2%
	All other states	9,031	25%

**Notes:**

GME = Graduate Medical Education

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

Source: AMA Physician Masterfile (12/31/14)