

Minnesota Physician Workforce Profile

2	State Population:	5,519,952	Total Female Physicians:	5,817
0	Population ≤ age 21	1,572,427	Total MD or DO Students:	1,215
1	Total Active Physicians:	16,105	Total Residents:	2,285
6	Primary Care Physicians:	5,806		

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

		MN	MN Rank	State Median
Physician Supply	Active Physicians per 100,000 Population, 2016	291.8	13	257.6
	Total Active Patient Care Physicians per 100,000 Population, 2016	255.8	13	227.2
	Active Primary Care Physicians per 100,000 Population, 2016	105.2	12	90.8
	Active Patient Care Primary Care Physicians per 100,000 Population, 2016	96.0	9	82.5
	Active General Surgeons per 100,000 Population, 2016	7.2	33	7.7
	Active Patient Care General Surgeons per 100,000 Population, 2016	6.2	41	6.9
	Percentage of Active Physicians Who Are Female, 2016	36.1%	16	33.8%
	Percentage of Active Physicians Who Are International Medical Graduates (IMGs), 2016	16.9%	32	19.1%
	Percentage of Active Physicians Who Are Age 60 or Older, 2016	26.7%	48	30.3%
Undergraduate Medical Education (UME)	MD and DO Student Enrollment per 100,000 Population, AY 2016-2017	22.0	41	32.7
	Student Enrollment at Public MD and DO Schools per 100,000 Population, AY 2016-2017	17.8	24	21.2
	Percentage Change in Student Enrollment at MD and DO Schools, 2006-2016	8.3%	41	24.6%
	Percentage of MD Students Matriculating In-State, AY 2016-2017	48.4%	34	65.6%
Graduate Medical Education (GME)	Total Residents/Fellows in ACGME Programs per 100,000 Population as of December 31, 2016	41.4	13	28.1
	Total Residents/Fellows in Primary Care ACGME Programs per 100,000 Population as of Dec. 31, 2016	13.2	19	10.6
	Percentage of Residents in ACGME Programs Who Are IMGs as of December 31, 2016	19.0%	31	20.5%
	Ratio of Residents and Fellows (GME) to Medical Students (UME), AY 2015-2016	1.9	1	1.0
	Percent Change in Residents and Fellows in ACGME-Accredited Programs, 2006-2016	9.0%	42	17.6%
Retention	Percentage of Physicians Retained in State from Undergraduate Medical Education (UME), 2016	51.9%	5	38.5%
	Percentage of Physicians Retained in State from Public UME, 2016	54.4%	4	44.1%
	Percentage of Physicians Retained in State from Graduate Medical Education (GME), 2016	44.7%	26	44.9%
	Percentage of Physicians Retained in State from UME and GME Combined, 2016	73.7%	15	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

Minnesota Physician Workforce Profile

Specialty	Total Active		Female		Age 60 or Older	
	Physicians	People Per Physician	Number	Percent	Number	Percent
All Specialties	16,105	343	5,817	36.1	4,306	26.7
Allergy & Immunology	72	76,666	20	27.8	28	38.9
Anatomic/Clinical Pathology	240	23,000	88	36.7	86	35.8
Anesthesiology	558	9,892	114	20.5	189	33.9
Cardiovascular Disease	404	13,663	74	18.3	141	34.9
Child & Adolescent Psychiatry**	127	12,381	62	48.8	29	22.8
Critical Care Medicine	229	24,105	56	24.5	14	6.1
Dermatology	205	26,927	119	58.0	39	19.0
Emergency Medicine	716	7,709	196	27.4	147	20.5
Endocrinology, Diabetes & Metabolism	141	39,149	58	41.4	39	27.7
Family Medicine/General Practice	2,973	1,857	1,271	42.8	878	29.5
Gastroenterology	255	21,647	51	20.1	70	27.5
General Surgery	397	13,904	95	24.0	116	29.2
Geriatric Medicine***	88	9,457	34	38.6	31	35.2
Hematology & Oncology	315	17,524	97	30.9	75	23.8
Infectious Disease	143	38,601	51	35.7	34	23.8
Internal Medicine	1,714	3,221	657	38.4	482	28.1
Internal Medicine/Pediatrics	161	34,285	83	51.6	*	*
Interventional Cardiology	60	91,999	*	*	*	*
Neonatal-Perinatal Medicine	61	90,491	35	57.4	17	27.9
Nephrology	173	31,907	51	29.5	46	26.6
Neurological Surgery	82	67,316	13	15.9	20	24.4
Neurology	284	19,436	79	27.8	118	41.5
Neuroradiology	110	50,181	17	15.5	*	*
Obstetrics & Gynecology	657	8,402	429	65.3	166	25.3
Ophthalmology	287	19,233	76	26.5	92	32.1
Orthopedic Surgery	364	15,165	30	8.2	131	36.0
Otolaryngology	146	37,808	39	26.7	46	31.5
Pain Medicine & Pain Management	68	81,176	20	29.4	*	*
Pediatrics**	863	1,822	567	65.7	218	25.3
Physical Medicine & Rehabilitation	189	29,206	75	39.7	46	24.3
Plastic Surgery	86	64,185	14	16.3	26	30.2
Preventive Medicine	135	40,889	45	33.6	72	53.3
Psychiatry	567	9,735	215	37.9	224	39.5
Pulmonary Disease	69	79,999	13	18.8	44	63.8
Radiation Oncology	88	62,727	24	27.3	28	31.8
Radiology & Diagnostic Radiology	680	8,118	174	25.6	184	27.1
Rheumatology	95	58,105	39	41.1	35	36.8
Thoracic Surgery	70	78,856	*	*	27	38.6
Urology	149	37,047	17	11.4	50	33.6
Vascular & Interventional Radiology	64	86,249	10	15.6	*	*
Vascular Surgery	54	102,221	*	*	*	*

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

Minnesota Physician Workforce Profile

2	State Population:	5,519,952	Total Female Physicians:	5,817
0	Population ≤ age 21	1,572,427	Total MD or DO Students:	1,215
1	Total Active Physicians:	16,105	Total Residents:	2,285
6	Primary Care Physicians:	5,806		

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

		Number	Percent
State Where GME Was Completed for All Active Physicians in State	Minnesota	8,411	55%
	Wisconsin	726	5%
	New York	572	4%
	Michigan	520	3%
	Illinois	444	3%
	California	438	3%
	Ohio	410	3%
	Iowa	371	2%
	Pennsylvania	320	2%
	Massachusetts	292	2%
	All other states	2,876	19%
Practice Location of Physicians Who Completed GME in State	Minnesota	8,411	45%
	Wisconsin	860	5%
	California	847	5%
	Florida	790	4%
	Arizona	572	3%
	Texas	559	3%
	Illinois	427	2%
	Washington	396	2%
	Colorado	321	2%
	Michigan	319	2%
	All other states	5,214	28%

Notes:

GME = Graduate Medical Education

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

Source: AMA Physician Masterfile (December 31, 2016)