

Minnesota Physician Workforce Profile

2	State Population:	5,611,179	Total Female Physicians:	6,315
0	Population ≤ age 21	1,586,143	Total MD or DO Students:	1,359
1	Total Active Physicians:	16,984	Total Residents:	2,349
8	Primary Care Physicians:	5,886		

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

		MN	MN Rank	State Median
Physician Supply	Active Physicians per 100,000 Population, 2018	302.7	13	257.6
	Total Active Patient Care Physicians per 100,000 Population, 2018	265.0	13	227.2
	Active Primary Care Physicians per 100,000 Population, 2018	104.9	12	90.8
	Active Patient Care Primary Care Physicians per 100,000 Population, 2018	96.0	10	82.5
	Active General Surgeons per 100,000 Population, 2018	7.4	28	7.7
	Active Patient Care General Surgeons per 100,000 Population, 2018	6.6	30	6.9
	Percentage of Active Physicians Who Are Female, 2018	37.2%	17	33.8%
	Percentage of Active Physicians Who Are International Medical Graduates (IMGs), 2018	17.2%	33	19.1%
	Percentage of Active Physicians Who Are Age 60 or Older, 2018	27.9%	49	30.3%
Undergraduate Medical Education (UME)	MD and DO Student Enrollment per 100,000 Population, AY 2018-2019	24.2	41	32.7
	Student Enrollment at Public MD and DO Schools per 100,000 Population, AY 2018-2019	18.1	24	21.2
	Percentage Change in Student Enrollment at MD and DO Schools, 2008-2018	29.7%	25	24.6%
	Percentage of MD Students Matriculating In-State, AY 2018-2019	54.3%	31	65.6%
Graduate Medical Education (GME)	Total Residents/Fellows in ACGME Programs per 100,000 Population as of December 31, 2018	41.9	15	28.1
	Total Residents/Fellows in Primary Care ACGME Programs per 100,000 Population as of Dec. 31, 2018	13.4	19	10.6
	Percentage of Residents in ACGME Programs Who Are IMGs as of December 31, 2018	17.5%	34	20.5%
	Ratio of Residents and Fellows (GME) to Medical Students (UME), AY 2017-2018	1.7	4	1.0
	Percent Change in Residents and Fellows in ACGME-Accredited Programs, 2008-2018	7.0%	46	17.6%
Retention	Percentage of Physicians Retained in State from Undergraduate Medical Education (UME), 2018	52.0%	5	38.5%
	Percentage of Physicians Retained in State from Public UME, 2018	54.9%	4	44.1%
	Percentage of Physicians Retained in State from Graduate Medical Education (GME), 2018	45.1%	24	44.9%
	Percentage of Physicians Retained in State from UME and GME Combined, 2018	74.6%	14	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	16,984	330	6,315	37.2	4,731	27.9
Allergy & Immunology	74	75,827	23	31.1	31	41.9
Anatomic/Clinical Pathology	232	24,186	89	38.4	100	43.1
Anesthesiology	579	9,691	128	22.1	214	37.0
Cardiovascular Disease	416	13,488	80	19.2	157	37.7
Child & Adolescent Psychiatry**	142	11,170	73	51.4	34	23.9
Critical Care Medicine	270	20,782	73	27.0	19	7.0
Dermatology	209	26,848	126	60.3	49	23.4
Emergency Medicine	770	7,287	219	28.4	157	20.4
Endocrinology, Diabetes & Metabolism	138	40,661	64	46.7	38	27.5
Family Medicine/General Practice	2,991	1,876	1,331	44.5	945	31.6
Gastroenterology	272	20,629	55	20.3	83	30.5
General Surgery	416	13,488	103	24.8	127	30.5
Geriatric Medicine***	100	*	40	40.0	37	37.0
Hematology & Oncology	324	17,318	103	31.9	86	26.5
Infectious Disease	150	37,408	57	38.0	41	27.3
Internal Medicine	1,719	3,264	673	39.2	506	29.5
Internal Medicine/Pediatrics	187	30,006	100	53.5	*	*
Interventional Cardiology	75	74,816	10	13.5	*	*
Neonatal-Perinatal Medicine	63	89,066	39	61.9	17	27.0
Nephrology	182	30,831	56	30.8	47	25.8
Neurological Surgery	88	63,763	15	17.0	22	25.0
Neurology	291	19,282	85	29.2	117	40.2
Neuroradiology	128	43,837	24	18.8	13	10.2
Obstetrics & Gynecology	691	8,120	463	67.0	178	25.8
Ophthalmology	286	19,620	81	28.3	89	31.1
Orthopedic Surgery	375	14,963	34	9.1	151	40.3
Otolaryngology	151	37,160	41	27.2	43	28.5
Pain Medicine & Pain Management	75	74,816	22	29.3	*	*
Pediatrics**	883	1,796	602	68.2	231	26.2
Physical Medicine & Rehabilitation	195	28,775	78	40.0	56	28.7
Plastic Surgery	96	58,450	18	18.8	34	35.4
Preventive Medicine	133	42,189	51	38.6	74	55.6
Psychiatry	581	9,658	220	37.9	236	40.6
Pulmonary Disease	67	83,749	13	19.4	55	82.1
Radiation Oncology	94	59,693	27	28.7	31	33.0
Radiology & Diagnostic Radiology	743	7,552	194	26.1	215	28.9
Rheumatology	107	52,441	45	42.1	36	33.6
Sports Medicine	90	62,346	27	30.0	*	*
Thoracic Surgery	76	73,831	*	*	25	32.9
Urology	166	33,802	21	12.7	58	34.9
Vascular & Interventional Radiology	80	70,140	12	15.0	*	*
Vascular Surgery	70	80,160	10	14.5	12	17.1

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	Minnesota	8,662	54%
	Wisconsin	723	5%
	New York	613	4%
	Michigan	548	3%
	Illinois	467	3%
	California	458	3%
	Ohio	414	3%
	Iowa	395	2%
	Pennsylvania	348	2%
	Massachusetts	337	2%
	All other states	3,084	19%
Practice Location of Physicians Who Completed GME in State	Minnesota	8,662	45%
	Florida	864	5%
	Wisconsin	860	4%
	California	853	4%
	Arizona	614	3%
	Texas	586	3%
	Washington	404	2%
	Illinois	396	2%
	Michigan	325	2%
	Colorado	309	2%
	All other states	5,264	28%

Notes:

GME = Graduate Medical Education

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

Source: AMA Physician Masterfile (December 31, 2018)