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STATE OF IOWA

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New data book reports increase in Iowa's physician workforce

DES MOINES, IA – Iowa's active physician workforce increased 4.6 percent between 2008 and 2012, according to a new report that also shows the state's ranking dropping from 40th to 41st in the nation in the number of active physicians per 100,000 population.

The 2013 State Physician Data Book lists Iowa with 6,414 active physicians in 2012, or 208.6 physicians per 100,000 population. This compares with a national rate of 260.5, a state median of 244.5 and individual states ranging from a high of 421.5 in Massachusetts to a low of 180.8 in Mississippi.

The report, prepared by the Association of American Medical Colleges, is an analysis of 2012 data of the U.S. physician supply, medical school enrollment and graduate medical education. This is AAMC's fourth such report on the physician workforce.

In the 2011 report (2010 data), Iowa had 6,294 active physicians, ranking at 40th with 208.2 active physicians per 100,000 population. In the 2009 report (2008 data), Iowa had 6,134 active physicians, ranking at 41st with 204.3 active physicians per 100,000 population. The state's estimated population increased 5 percent from 2008 through the end of 2012.

The new report shows that Iowa trails these Midwest states in the number of active physicians per 100,000 population: **Illinois** – 263.1, 19th; **Indiana** – 218.7, 37th; **Kansas** – 213.1, 40th; **Michigan** – 267.9, 15th; **Minnesota** – 275.4, 13th; **Missouri** – 253.8, 22nd; **Nebraska** – 219.9, 36th; **North Dakota** – 236.0, 29th; **Ohio** – 270.7, 14th; **South Dakota** – 221.5, 34th; and **Wisconsin** – 254.6, 21st.

The report distinguishes between *active physicians* (those from all specialty areas of medicine, including administration, direct patient care, medical research, medical teaching, or other non-patient care activities) and *active patient-care physicians* (those whose self-reported type of practice is direct patient care).

Iowa ranked 42nd with 182.4 active patient-care physicians per 100,000 population in 2012. Nationally, there were 225.6 active patient-care physicians per 100,000 population.

Other demographics of Iowa's active physician workforce in AAMC's 2013 data book include:

- 27.7 percent were female physicians. Massachusetts had the highest percentage (38.4 percent) and Utah had the lowest (21.9 percent). Nationally, 31.9 percent of the physicians were female.
- 61.4 graduated from medical or osteopathic schools in Iowa and completed their residency training in Iowa. This compares with a national average of 66.6 percent of physicians who remained in the states where they obtained their medical education and residencies.
- 18 percent graduated from an international medical school. This compares with 24.1 percent nationally, a high of 38.6 percent in New Jersey, and a low of 4.5 percent in Idaho.
- 63.2 percent graduated from U.S. medical schools and 17.6 percent graduated from U.S. osteopathic medical schools. The national averages are 67.6 percent and 7.1 percent, respectively.
- 25.1 percent were age 60 or older. This compares with a national average of 27.6 percent, a high of 33.3 percent in New Mexico and a low of 22.6 percent in North Carolina.
- 18.8 percent were under age 40. This compares with a national average of 17.2 percent, a high of 20.7 percent in North Dakota and a low of 11.3 percent in Montana.

Presented in tables below is the Iowa Physician Workforce Profile prepared by the AAMC Center for Workforce Studies. To access the full AAMC data book, please go to:

<https://www.aamc.org/download/362168/data/2013statephysicianworkforcedatabook.pdf>

Iowans seeking physicians active in patient care can use the Board of Medicine's "find a physician" database at www.medicalboard.iowa.gov Users can search for Iowa physicians by name, specialty and community.

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Iowa Physician Workforce Profile



2	State Population:	3,074,186	Total Female Physicians:	1,775
0	Population ≤ age 18	765,833	Total Medical or Osteopathic Students	1,546
1	Total Active Physicians:	6,414	Total Residents:	827
2	Primary Care Physicians:	2,569		

For additional data, including maps and tables, please see the 2013 State Physician Workforce Data Book online at www.aamc.org/statedatabook

		IA	IA Rank	State Median
Physician Supply	Active Physicians per 100,000 Population, 2012	208.6	41	244.5
	Total Active Patient Care Physicians per 100,000 Population, 2012	182.4	42	217.6
	Active Primary Care Physicians per 100,000 Population, 2012	83.6	33	90.3
	Active Patient Care Primary Care Physicians per 100,000 Population, 2012	76.0	33	81.5
	Percent Active Female Physicians, 2012	27.7%	34	30.8%
	Percent of Active Physicians who are International Medical Graduates, 2012	18.0%	26	18.2%
	Percentage of Active Physicians Who Are Age 60 or Older, 2012	25.1%	39	26.5%
Undergraduate Medical Education (UME)	Students Enrolled in Medical or Osteopathic School per 100,000 Population, AY 2012-2013	50.3	7	29.1
	Students Enrolled in <i>Public</i> Medical or Osteopathic Schools per 100,000 Population, AY 2012-2013	21.3	19	18.8
	Percent Change in Students Enrolled in Medical or Osteopathic Schools (2000-2010)	7.3%	40	18.6%
	Percent of Medical School Matriculants from In-State, AY 2012-2013	64.7%	27	67.7%
Graduate Medical Education (GME)	Total Residents/Fellows in ACGME Programs per 100,000 Population as of December 31, 2011	27.0	24	26.8
	Total Residents/Fellows in Primary Care ACGME Programs per 100,000 Population as of Dec. 31, 2011	11.4	22	10.4
	Percentage of International Medical Graduates in ACGME Programs as of December 31, 2011	23.9%	22	22.4%
	Ratio of Residents and Fellows (GME) to Medical and Osteopathic Students (UME), AY 2011-2012	0.6	41	1.05
	Percent Change in Residents and Fellows in ACGME-Accredited Programs, 2001-2011	12.5%	40	19.7%
Retention	Percent of Physicians Retained in State from Undergraduate Medical Education, 2012	22.2%	39	38.7%
	Percent of Physicians Retained in State from Undergraduate Medical Education (<i>Public</i>), 2012	31.0%	39	44.9%
	Percent of Physicians Retained in State from Graduate Medical Education, 2012	36.4%	44	44.9%
	Percent of Physicians Retained in State from UME and GME Combined, 2012	61.4%	34	68.1%

State Rank: How a particular state ranks compared to the other 49. Rank of 1 goes to the state with the highest value for the particular category.
 State Median: The value directly in the middle of the 50 states, so 25 are above the median and 25 are below and excludes the District of Columbia and Puerto Rico.

Iowa Physician Workforce Profile



Specialty	Total Active Physicians	People Per Physician	Female		Age 60 or Older	
			Number	Percent	Number	Percent
All Specialties	6,414	479	1,775	27.7	1,608	25.1
Allergy & Immunology	29	106,006	*	*	*	*
Anatomic/Clinical Pathology	129	23,831	41	31.8	58	45.0
Anesthesiology	312	9,853	57	18.3	72	23.2
Cardiovascular Disease	151	20,359	21	13.9	47	31.1
Child & Adolescent Psychiatry**	51	15,016	23	45.1	11	21.6
Dermatology	74	41,543	25	33.8	22	29.7
Emergency Medicine	201	15,294	41	20.5	54	27.1
Endocrinology, Diabetes & Metabolism	32	96,068	10	31.3	*	*
Family Medicine/General Practice	1,620	1,898	534	33.0	389	24.1
Gastroenterology	82	37,490	*	*	18	22.0
General Surgery	228	13,483	27	11.8	58	25.4
Geriatric Medicine	21	146,390	*	*	*	*
Hematology & Oncology	99	31,052	26	26.3	28	28.3
Infectious Disease	43	71,493	17	39.5	10	23.3
Internal Medicine	583	5,273	186	32.0	157	26.9
Internal Medicine/Pediatrics**	*	*	*	*	*	*
Neonatal-Perinatal Medicine**	35	21,881	12	34.3	*	*
Nephrology	56	54,896	13	23.2	15	26.8
Neurological Surgery	30	102,473	*	*	*	*
Neurology	98	31,369	25	25.8	30	30.6
Obstetrics & Gynecology	252	12,199	123	48.8	47	18.7
Ophthalmology	150	20,495	36	24.2	32	21.3
Orthopedic Surgery	170	18,083	*	*	53	31.2
Otolaryngology	91	33,782	11	12.1	23	25.3
Pediatrics**	335	2,286	180	53.7	79	23.7
Physical Medicine & Rehabilitation	46	66,830	13	28.3	12	26.1
Plastic Surgery	37	83,086	*	*	*	*
Preventive Medicine	50	61,484	17	34.0	16	32.0
Psychiatry	231	13,308	68	29.6	83	35.9
Pulmonary Disease & Critical Care Medicine	97	31,693	17	17.5	23	23.7
Radiation Oncology	43	71,493	14	33.3	14	32.6
Radiology & Diagnostic Radiology	207	14,851	23	11.1	63	30.4
Rheumatology	32	96,068	*	*	*	*
Thoracic Surgery	40	76,855	*	*	13	32.5
Urology	71	43,298	*	*	20	28.2
Vascular Surgery	32	96,068	*	*	*	*

Sources: AMA Physician Masterfile (12/31/12), Population estimates as of July 1, 2012 are from the U.S. Census Bureau (Release date: December 2012)

* Counts for specialties with fewer than 10 physicians are not shown

** Only those 18 years or younger are included in People Per Physician