



Where did North Dakota Physicians Graduate from Medical School and Where Have North Dakota Medical School Graduates Gone?

This fact sheet is Number 19 in a series of analyses regarding physicians in North Dakota. It was developed using 2013 data from the American Medical Association physician master file. This document is an updated version of Fact Sheet Number 7 in this series.

Currently, 1,108 direct patient care physicians practice in North Dakota.

- 45% (497) graduated from North Dakota
- 8% (89) graduated from Minnesota
- 4% (45) graduated from Western states
- 7% (82) graduated from Southern states
- 6% (62) graduated from Northeastern states
- 5% (55) graduated from Missouri
- 4% (44) graduated from Iowa

Currently, 1,480 medical school graduates from North Dakota practice in direct patient care.

- 34% (497) practice in North Dakota
- 21% (307) practice in Minnesota
- 14% (210) practice in Western states
- 6% (91) practice in Southern states
- 2% (23) practice in Northeastern states
- 1% (12) practice in Missouri
- 2% (28) practice in Iowa

Figure 1. Where 1,108 North Dakotan Practicing Physicians Graduated from Medical School and Where 1,480 Graduates of the University of North Dakota School of Medicine & Health Sciences (UND SMHS) Currently Practice



**There are currently 63 direct patient care physicians from Canada and 377 from other countries practicing in North Dakota. The number of UND SMHS graduates practicing out of the US is unknown.*

Where are practicing North Dakota physicians more likely to have graduated from medical school than where UND SMHS currently practice (more coming in than going out)?

- North Dakota (45% vs. 34%)
- Southern states (AL, AR, DE, DC, FL, GA, KY, LA, MD, MS, NC, OK, SC, TN, VA, WV) (7% vs. 6%)
- Northeastern states (CT, ME, MA, NH, NJ, NY, PA, RI, VT) (6% vs. 2%)
- Missouri (5% vs. 1%)
- Iowa (4% vs. 2%)
- Texas (3% vs. 2%)
- Illinois (3% vs. 1%)
- Nebraska (3% vs. 1%)

Where are UND SMHS graduates more likely to currently practice than where North Dakota practicing physicians have graduated from (more going out than coming in)?

- Minnesota (21% vs. 8%)
- Western states (AK, AZ, CO, HI, ID, MT, NV, NM, OR, UT, WA, WY) (14% vs. 4%)
- Wisconsin (6% vs. 1%)
- South Dakota (3% vs. 2%)
- California (3% vs. 2%)

Conclusions

- The balance of migration into and out of North Dakota regarding medical school graduation location varies widely by state. It can be thought of as the state level balance of trade in training and practice destination.
- The market for physicians is a national one. Medical school graduates disperse widely across the nation and are strongly influenced by such factors as the location of their residency training, specialty choice, opportunities, home origins and their spouse origins where applicable. The small and/or more specialized the medical specialty, the more nationwide is their specialty market.
- The largest number of UND SMHS graduates practicing out of state is in Minnesota (307).

Data

The physician data is from the 2013 American Medical Association physician masterfile.

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