



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

It was developed using 2011 data from the American Medical Association physician master file. An updated version of this information using 2013 data is available on Fact Sheet Number 19 in this series.

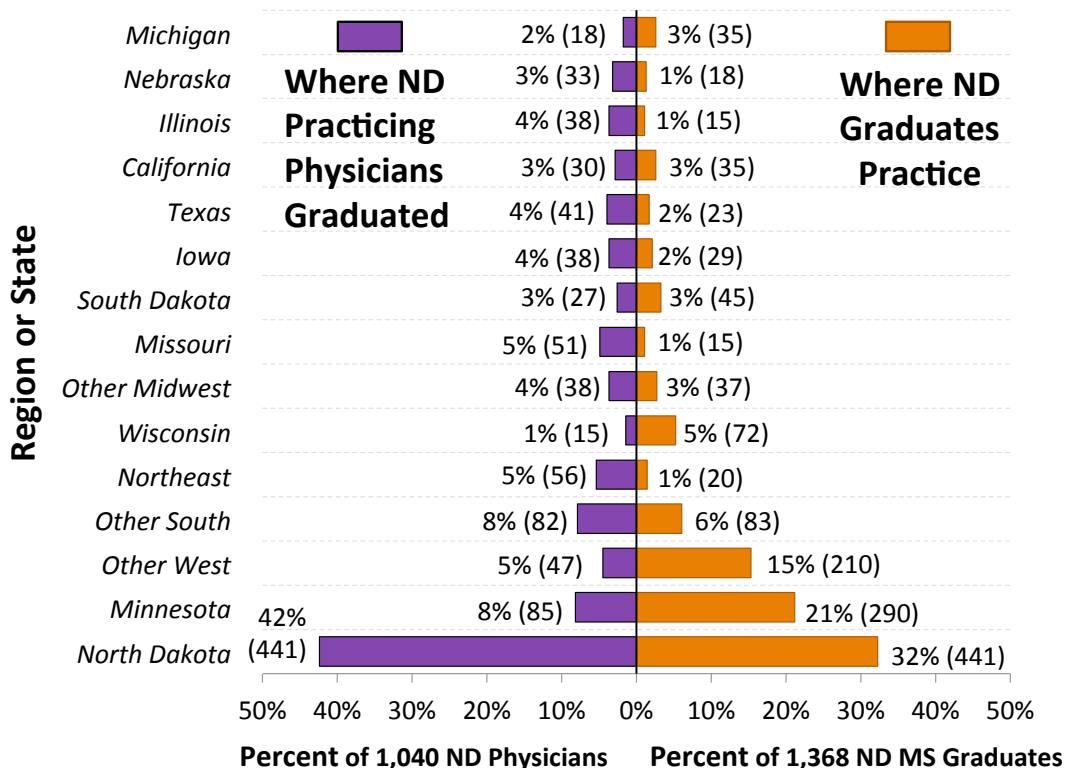
Currently, 1,040 direct patient care physicians practice in North Dakota.*

- 42% (441) graduated from North Dakota
- 8% (85) graduated from Minnesota
- 5% (47) graduated from Western states
- 8% (82) graduated from Southern states
- 5% (56) graduated from Northeastern states
- 1% (15) graduated from Wisconsin
- 5% (51) graduated from Missouri

Currently, 1,368 medical school graduates from North Dakota practice in direct patient care.*

- 32% (441) practice in North Dakota
- 21% (290) practice in Minnesota
- 15% (210) practice in Western states
- 6% (83) practice in Southern states
- 1% (20) practice in Northeastern states
- 5% (72) practice in Wisconsin
- 1% (15) practice in Missouri

Figure 1. Where 1,040 North Dakota Practicing Physicians Graduated from Medical School and Where 1,368 Graduates of North Dakota School of Medicine Currently Practice



* There are currently 61 direct patient care physicians from Canada and 331 from other countries practicing in ND. The number of UND medical school graduates practicing out of the US is unknown.

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

- North Dakota (42% vs. 32%)
- Southern states (Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Virginia, and West Virginia) (8% vs. 6%)
- Northeastern states (Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont) (5% vs. 1%)
- Missouri (5% vs. 1%)
- Iowa (4% vs. 2%)
- Texas (4% vs. 2%)
- Illinois (4% vs. 1%)
- Nebraska (3% vs. 1%)

Where are North Dakota medical school 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 (Alaska, Arizona, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming) (15% vs. 5%)
- Wisconsin (5% vs. 4%)
- Michigan (3% vs. 2%)

Conclusions

- The balance of migration into and out of North Dakota regarding medical school graduation state 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 smaller and/or more specialized the medical specialty, the more nationwide is their specialty market.
- Subsequent fact sheets in this series of physicians and North Dakota will explore this information from the perspective of such factors as residency training and specialty.
- The largest number of North Dakota medical school graduates practicing out of state is in Minnesota (290).

References

Data used here were obtained from the American Medical Association (AMA) physician master file from May 31, 2011. Regional definitions follow those of the U.S. Census Bureau region designations.

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