



## Where did North Dakota Physicians Complete their Residency and Where Have North Dakota Residency Graduates Gone?

This fact sheet is Number 20 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 8 in this series.

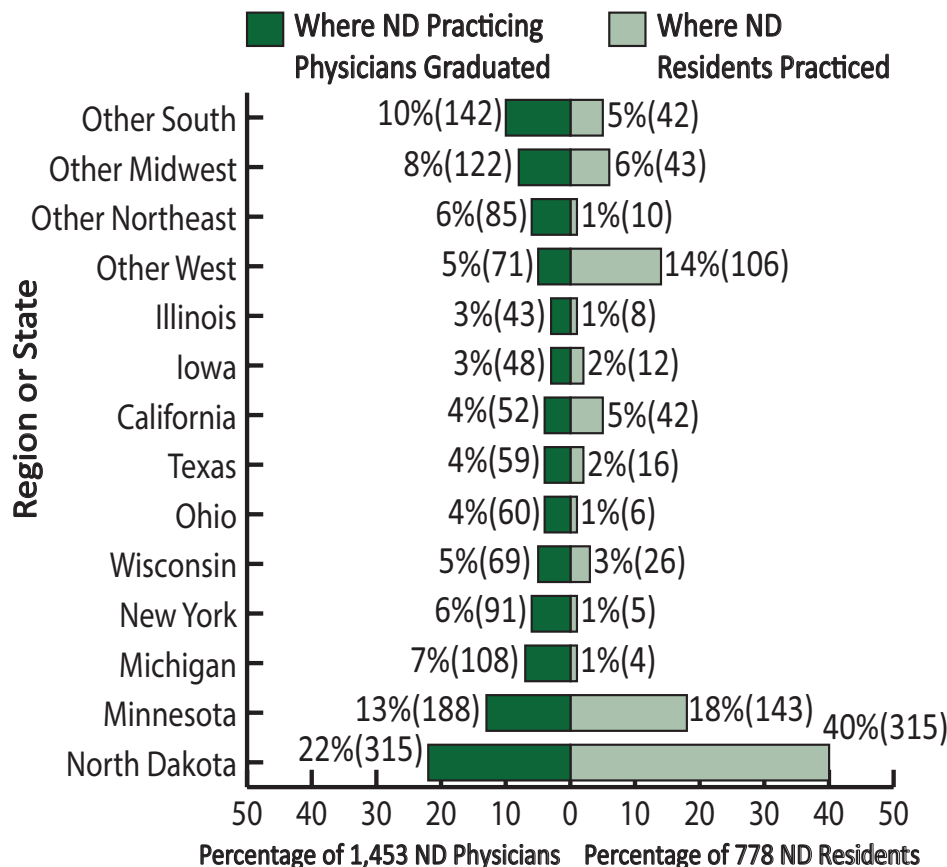
### Currently, 1,453 direct patient care physicians practice in North Dakota.

- 22% (315) graduated from North Dakota
- 13% (188) graduated from Minnesota
- 10% (142) graduated from Southern states
- 26% (381) graduated from Midwestern states
- 5% (71) graduated from Western states
- 6% (85) graduated from Northeastern states
- 4% (52) graduated from California

### Currently, 778 residency graduates from North Dakota practice in direct patient care.

- 40% (315) practice in North Dakota
- 18% (143) practice in Minnesota
- 5% (42) practice in Southern states
- 9% (73) practice in Midwestern states
- 14% (106) practice in Western states
- 1% (10) practice in Northeastern states
- 5% (42) practice in California

**Figure 1. Where 1,453 North Dakotan Practicing Physicians Completed Residency and Where 778 Physicians Who did Residency in North Dakota Currently Practice**



\* There are currently 95 practicing physicians in North Dakota who did not graduate from a residency in the US. The number of North Dakota residency graduates practicing out of the US is unknown.

## Where are practicing North Dakota physicians more likely to have completed residency than where North Dakota residents currently practice (more coming in than going out)?

- Other Southern states (AL, AR, DE, DC, FL, GA, KY, LA, MD, MS, NC, OK, SC, TN, VA, and WV) (10% vs. 5%)
- Other Midwestern states (KS, NE, SD, MO, and IA) (8% vs. 6%)
- Other Northeastern states (CT, ME, MA, NH, NJ, PA, RI, and VT) (6% vs. 1%)
- Wisconsin (5% vs. 3%)
- Michigan (7% vs. 1%)
- New York (6% vs. 1%)
- Texas (4% vs. 2%)
- Iowa (3% vs. 2%)
- Ohio (4% vs. 1%)
- Illinois (3% vs. 1%)

## Where are practicing physicians who did residencies in North Dakota more likely to currently practice than where North Dakota practicing physicians completed residency (more going out than coming in)?

- North Dakota (40% vs. 22%)
- Minnesota (18% vs. 13%)
- Other Western states (AK, AZ, CO, HI, ID, MT, NV, NM, OR, UT, WA, WY) (14% vs. 5%)
- California (5% vs. 4%)

## Conclusions

- The balance of migration into and out of North Dakota regarding residency 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 small and/or more specialized the medical specialty, the more nationwide is their specialty market.
- The largest number of North Dakota residents practicing out of state is in Minnesota (143).

## Data

*The physician data is from the 2013 American Medical Association physician master file.*

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*North Dakota Workforce Fact Sheets are available at*  
[ruralhealth.und.edu/publications/health-workforce-factsheets](http://ruralhealth.und.edu/publications/health-workforce-factsheets)

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