



Where did North Dakota Primary Care Physicians Do Their Residency and Where Have Physicians Who Completed a Residency in North Dakota Gone?

This fact sheet is Number 24 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 14 in this series.

Primary care physicians are defined as those practicing in family/general practice (FP/GP), general internal medicine (GIM), and general pediatrics (Gen Ped).

In 2013, 551 primary care physicians practice in direct patient care in North Dakota.*

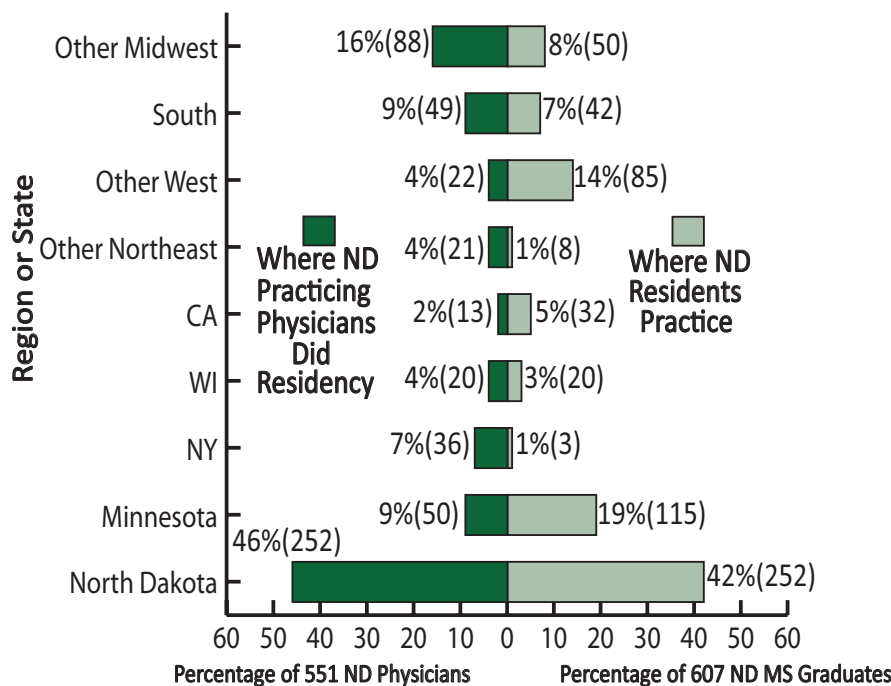
See Figure 1.

- 46% (252) completed residencies in North Dakota
- 16% (88) completed residencies in Midwestern states
- 9% (50) completed residencies in Minnesota
- 9% (47) completed residencies in Southern states
- 7% (36) completed residencies in New York
- 4% (21) completed residencies in Western states

In 2013, 607 primary care physicians practicing in the United States completed their residency in North Dakota.* See Figure 1.

- 42% (252) practice in North Dakota
- 19% (115) practice in Minnesota
- 14% (85) practice in Western states
- 8% (50) practice in Midwestern states
- 7% (42) practice in Southern states
- 5% (32) practice in California

Figure 1. Where 551 North Dakota primary care practicing physicians completed their residencies and where 607 physicians who completed residencies in North Dakota currently practice.



**In 2013, there were 31 primary care physicians practicing in North Dakota who did not graduate from a residency in the United States. These physicians are not included in this fact sheet.*

Where primary care physicians practicing in North Dakota were more likely to have completed their residencies compared to where physicians who completed residencies in North Dakota currently practice (more coming in than going out):

- North Dakota (46% vs. 42%)
- Southern states (Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia) (9% vs. 7%)
- Other Midwest states (Illinois, Iowa, Kansas, Michigan, Nebraska, Ohio, South Dakota, Missouri, and Indiana) (16% vs. 8%)
- Northeastern states (Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, Pennsylvania, Rhode Island, and Vermont) (4% vs. 1%)
- New York (7% vs. 1%)
- Wisconsin (4% vs. 3%)

Where primary care physicians who completed their residency in North Dakota were more likely to currently practice compared to where primary care physicians practicing in North Dakota completed their residencies (more going out than coming in):

- Minnesota (19% vs. 9%)
- Western states (Alaska, Arizona, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming) (14% vs. 4%)
- California (5% 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's origins when applicable. The smaller and/or more specialized the medical specialty, the more nationwide is their specialty market.
- The largest number of physicians who completed residencies in North Dakota but practice out of state in primary care is in Minnesota (115).
- Note that 50 practicing primary care physicians in North Dakota completed residencies in Minnesota.

Data

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

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