



Demographics of International Medical Graduates in North Dakota

This fact sheet is Number 30A in a series of analyses regarding physicians in North Dakota. It was developed using 2015 data from the American Medical Association Physician Masterfile.

As of 2015, there were approximately 1,614 direct patient care physicians practicing in North Dakota. Among these, 1,164 graduated from medical schools in the United States (with 540 of these physicians graduating from the UND School of Medicine & Health Sciences in North Dakota) (Figure 1). In addition, 50 graduated from Canada, and 400 graduated from an international medical program. The 25% for international medical graduates (IMGs) in Figure 1 is near the U.S. average.

Figure 2 shows the location where the 400 IMGs received their medical degrees. Most IMGs practicing in North Dakota are from southern Asia (39.5%), followed by southeastern Asia (11.8%), and the Caribbean (11.3%). Top source countries include India (28.3%), Philippines (8.0%), Pakistan (7.3%), Dominica (West Indies, 3.5%), Nigeria (3.0%), and Mexico (2.8%).

Figure 1. Medical School Graduation Locations of North Dakota Direct Patient Care Physicians

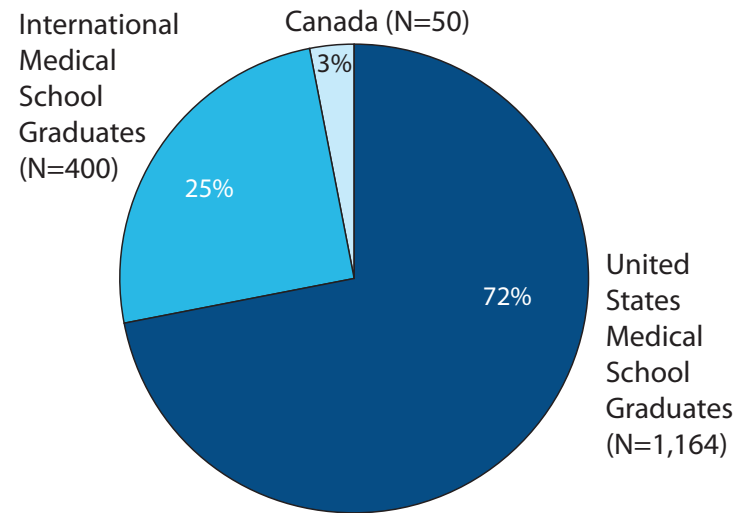


Figure 2. Medical School Graduation Locations among North Dakota IMG Physicians

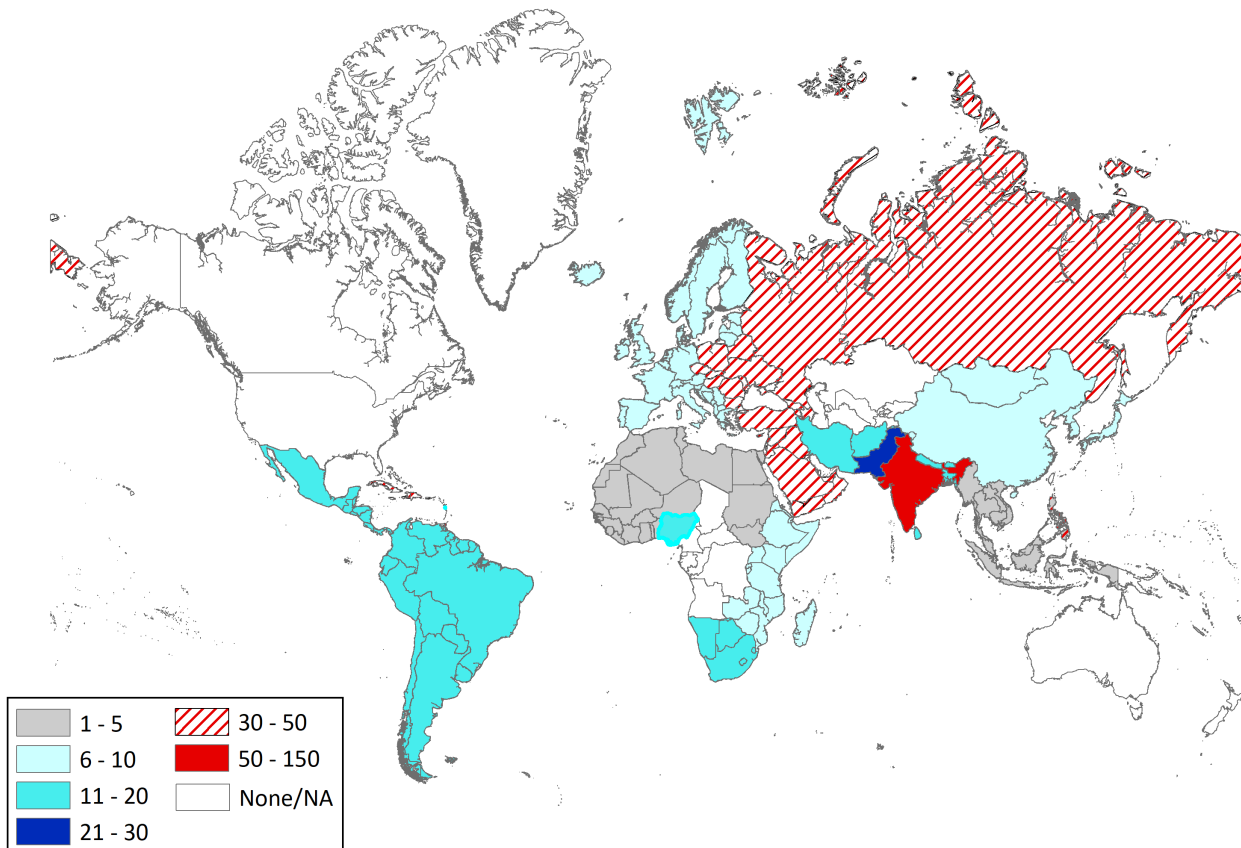
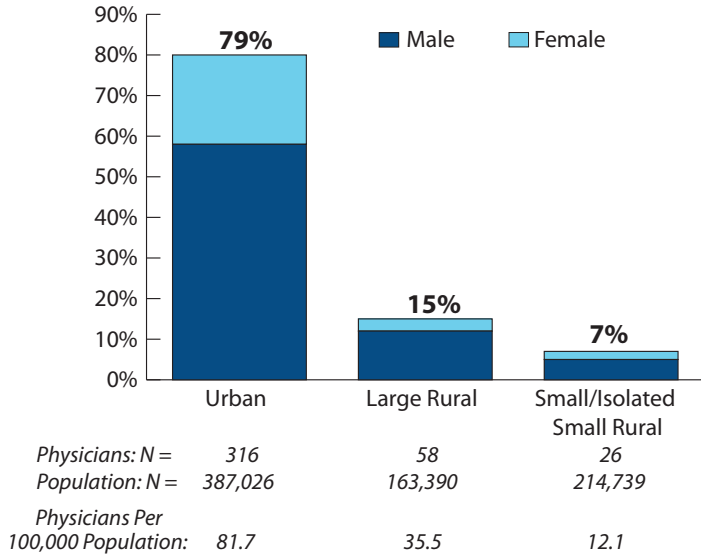
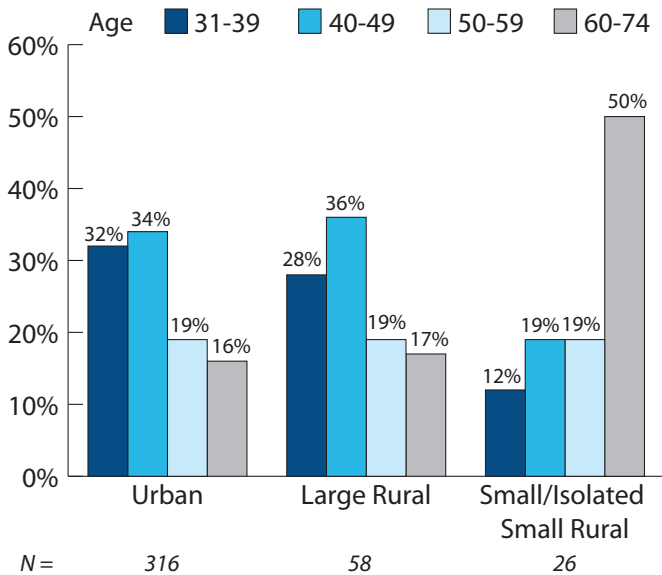


Figure 3. IMG Physicians in North Dakota per 100,000 Population by Rural/Urban Status and Sex



- Most (79%) of the IMGs work in urban areas.
- 296 (74%) of IMGs are male.
- Female physicians are more likely to practice in urban areas than rural areas.
- Per 100,000 residents, IMGs are more likely to practice in urban areas than rural areas.

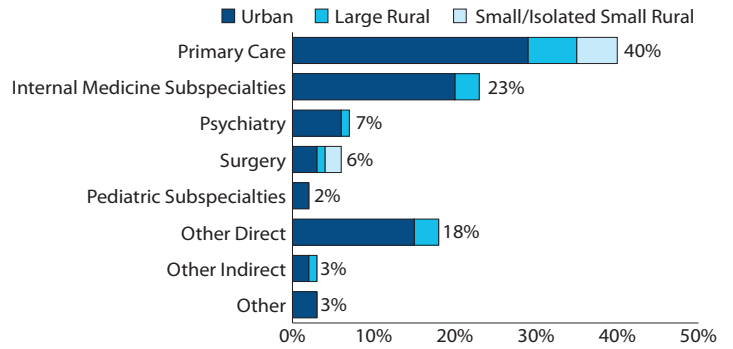
Figure 4. IMG Physicians in North Dakota by Rural/Urban Status and Age



- The average age of IMGs in North Dakota is 47.3 years.
- The average age is lowest in urban areas (46.5 years) and highest in small/isolated small rural areas (56.5 years).
- Older IMGs are more likely to practice in small/isolated small rural areas and less likely to practice in urban areas.

- Half of all small/isolated small rural IMGs were 66-74 years old.

Figure 5. IMG Physicians in North Dakota by Rural/Urban Status & Specialty



- 40% of IMGs practice in primary care.
- 23% of IMGs practice in internal medicine subspecialties.

Conclusions

- IMGs in North Dakota are most likely to come from southern and southeastern Asia.
- IMGs are more likely to be male work in urban areas and are most likely to specialize in primary care or internal medicine subspecialties.

Data

The physician data are from the 2015 American Medical Association Physician Masterfile.

North Dakota Workforce Fact Sheets Are Available At:
ruralhealth.und.edu/publications/health-workforce-factsheets
For more information, contact

Gary Hart, PhD

701.777.3848 • gary.hart@med.und.edu

Robin Besse, PhD

701.777.4499 • robin.besse@med.und.edu

Mandi-Leigh Peterson, MA

701.777.6719 • mandi.leigh.peterson@med.und.edu

Center for Rural Health

University of North Dakota
 School of Medicine & Health Sciences
 1301 North Columbia Road, Stop 9037, Suite E231
 Grand Forks, ND 58202-9037
 701.777.3848

ruralhealth.und.edu

