

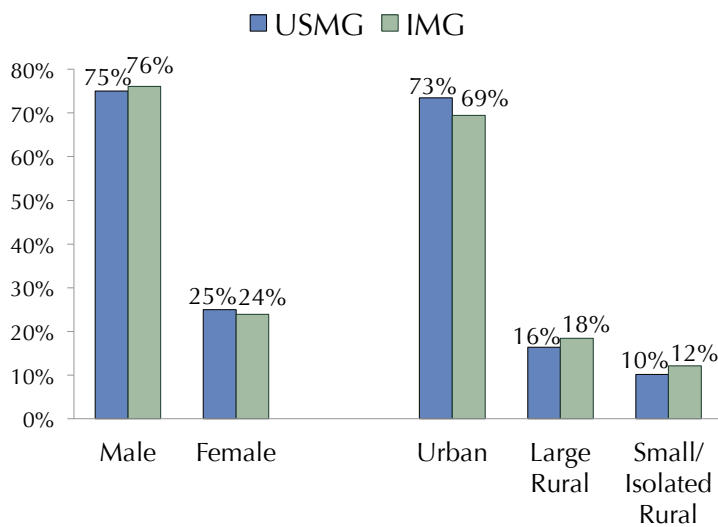


## Characteristics of US Medical Graduates and International Medical Graduates in North Dakota

This fact sheet is Number 5B in a series of analyses regarding physicians in North Dakota.

There are currently 1,432 physicians practicing in North Dakota. Of these, 1,101 (77%) are graduates from medical schools in the United States or Canada (USMG) and 331 (23%) are from international medical schools (IMG).

**Figure 1. USMG and IMG Physicians Working in North Dakota by Sex and Rural/Urban Status**

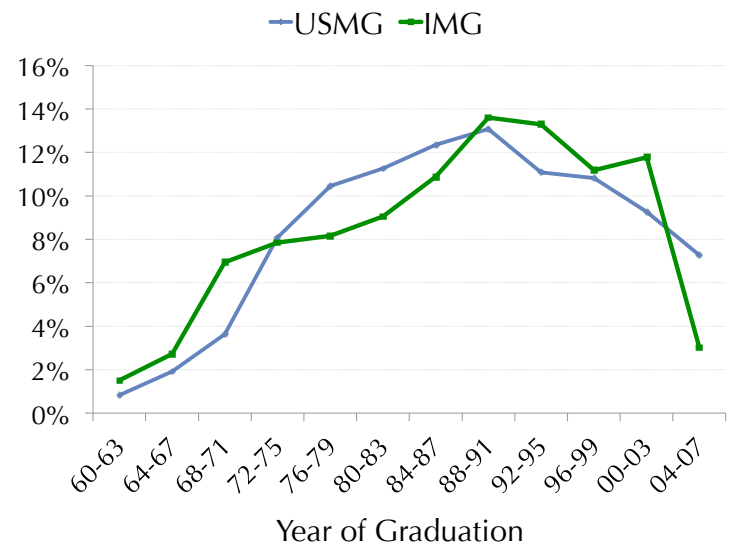


- Three-fourths of North Dakota physicians are male.
- 73% of USMGs work in urban areas.
- 69% of IMGs work in urban areas.

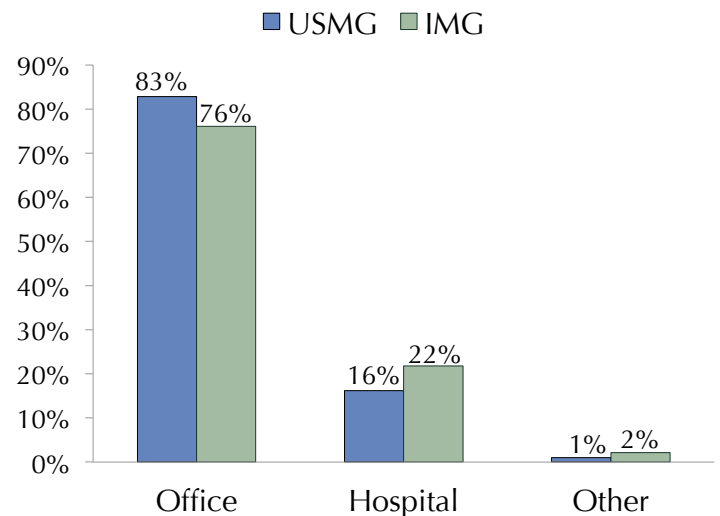
The average age of IMGs in North Dakota is 48.7, significantly ( $p=.002$ ) lower than the average age of USMGs (50.7). This is especially true in the southeast part of the state where the IMG average age is 46.6 and the USMG age was 50.6.

IMGs are more likely to have graduated earlier than USMGs (before 1972), or after USMGs (after 1988).

**Figure 2. Year of Graduation for USMG and IMG Physicians in North Dakota**



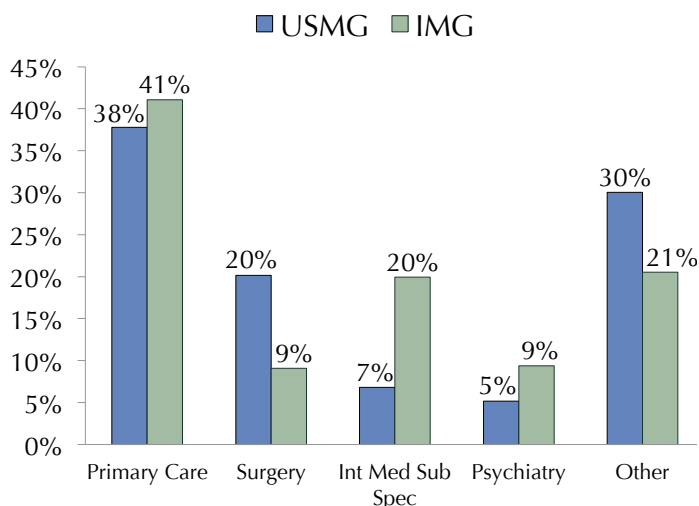
**Figure 3. Work Location for USMG and IMG Physicians in North Dakota**



- 22% of the IMGs work in hospitals compared to 16% of USMGs.
- IMGs are 36% more likely to practice in hospitals than USMGs ( $p = .018$ ).



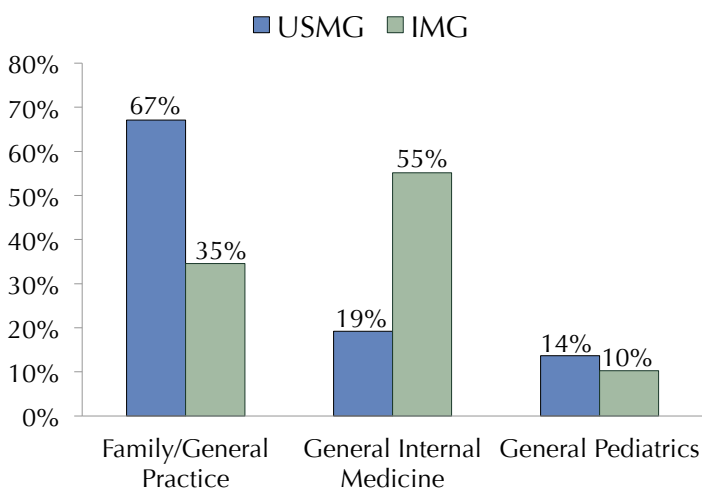
**Figure 4. Specialties for USMG and IMG Physicians in North Dakota**



IMGs are more likely than USMGs to be in:

- Primary Care
- Internal Medicine Subspecialties
- Psychiatry
- General Internal Medicine

**Figure 5. Primary Care Specialties for USMG and IMG Physicians in North Dakota**



IMGs are less likely than USMGs to be in:

- Surgery
- Family/general practice
- General pediatrics

## Conclusion

- North Dakota IMGs are just as likely as USMGs to be female and slightly more likely to practice in rural areas.
- IMGs are somewhat younger than USMGs, especially in the highly urban southeast part of North Dakota .
- Many North Dakota IMGs graduated in the 1960s and 1990s.
- IMGs are more likely to practice in hospitals and within the specialties of primary care, internal medicine subspecialties (e.g., gastroenterology or nephrology), and psychiatry.
- IMGs are less likely to practice within the specialties of surgery, family/general practice, and general pediatrics.
- Within primary care, practicing IMGs are much less likely to be in family/general practice (35% vs. 67%) but much more likely to practice as general internists (55% vs. 19%).

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### For more information, contact

Marilyn G. Klug, PhD  
701.787.0089 • marilyn.klug@med.und.edu

Gary Hart, PhD  
701.777.3848 • gary.hart@med.und.edu

Mandi-Leigh Peterson, MA  
701.777.6719 • mandi.peterson@med.und.edu

## Center for Rural Health

The University of North Dakota  
School of Medicine & Health Sciences  
501 North Columbia Road, Stop 9037  
Grand Forks, ND 58202-9037  
701.777.3848 • ruralhealth.und.edu