

# North Dakota Physician Workforce Profile

|   |                          |         |                          |     |
|---|--------------------------|---------|--------------------------|-----|
| 2 | State Population:        | 757,952 | Total Female Physicians: | 518 |
| 0 | Population ≤ age 21      | 224,918 | Total MD or DO Students: | 296 |
| 1 | Total Active Physicians: | 1,759   | Total Residents:         | 136 |
| 6 | Primary Care Physicians: | 647     |                          |     |

For additional data, including maps and tables, please see the 2017 State Physician Workforce Data Report online at [www.aamc.org/2017statedatareport](http://www.aamc.org/2017statedatareport)

|  |   | ND    | ND Rank | State Median |
|--|---|-------|---------|--------------|
| <b>Physician Supply</b>                      | Active Physicians per 100,000 Population, 2016  | 232.1 | 34      | 257.6        |
|  | Total Active Patient Care Physicians per 100,000 Population, 2016                                 | 211.9 | 33      | 227.2        |
|  | Active Primary Care Physicians per 100,000 Population, 2016                                       | 85.4  | 32      | 90.8         |
|  | Active Patient Care Primary Care Physicians per 100,000 Population, 2016                          | 78.4  | 31      | 82.5         |
|  | Active General Surgeons per 100,000 Population, 2016  | 11.3  | 3       | 7.7          |
|  | Active Patient Care General Surgeons per 100,000 Population, 2016                                 | 10.3  | 3       | 6.9          |
|  | Percentage of Active Physicians Who Are Female, 2016  | 29.5% | 38      | 33.8%        |
|  | Percentage of Active Physicians Who Are International Medical Graduates (IMGs), 2016              | 25.8% | 11      | 19.1%        |
|  | Percentage of Active Physicians Who Are Age 60 or Older, 2016                                     | 27.2% | 47      | 30.3%        |
| <b>Undergraduate Medical Education (UME)</b> | MD and DO Student Enrollment per 100,000 Population, AY 2016-2017                                 | 39.1  | 20      | 32.7         |
|  | Student Enrollment at Public MD and DO Schools per 100,000 Population, AY 2016-2017               | 39.1  | 4       | 21.2         |
|  | Percentage Change in Student Enrollment at MD and DO Schools, 2006-2016                           | 20.3% | 30      | 24.6%        |
|  | Percentage of MD Students Matriculating In-State, AY 2016-2017                                    | 82.8% | 10      | 65.6%        |
| <b>Graduate Medical Education (GME)</b>      | Total Residents/Fellows in ACGME Programs per 100,000 Population as of December 31, 2016          | 17.9  | 44      | 28.1         |
|  | Total Residents/Fellows in Primary Care ACGME Programs per 100,000 Population as of Dec. 31, 2016 | 11.1  | 24      | 10.6         |
|  | Percentage of Residents in ACGME Programs Who Are IMGs as of December 31, 2016                    | 41.9% | 4       | 20.5%        |
|  | Ratio of Residents and Fellows (GME) to Medical Students (UME), AY 2015-2016                      | 0.5   | 45      | 1.0          |
|  | Percent Change in Residents and Fellows in ACGME-Accredited Programs, 2006-2016                   | 28.3% | 10      | 17.6%        |
| <b>Retention</b>                             | Percentage of Physicians Retained in State from Undergraduate Medical Education (UME), 2016       | 33.2% | 31      | 38.5%        |
|  | Percentage of Physicians Retained in State from Public UME, 2016                                  | 33.2% | 35      | 44.1%        |
|  | Percentage of Physicians Retained in State from Graduate Medical Education (GME), 2016            | 40.3% | 37      | 44.9%        |
|  | Percentage of Physicians Retained in State from UME and GME Combined, 2016                        | 63.0% | 31      | 69.0%        |

State Rank: How the state ranks compared to the other 49. Rank of 1 goes to the state with the highest value for the category.

State Median: The value in the middle of the 50 states, with 25 states above the median and 25 states below (excludes the District of Columbia and Puerto Rico).

Source: 2017 State Physician Workforce Data Report

# North Dakota Physician Workforce Profile

| Specialty                            | Total Active |                      | Female |         | Age 60 or Older |         |
|--------------------------------------|--------------|----------------------|--------|---------|-----------------|---------|
|                                      | Physicians   | People Per Physician | Number | Percent | Number          | Percent |
| All Specialties                      | 1,759        | 431                  | 518    | 29.5    | 477             | 27.2    |
| Allergy & Immunology                 | *            | *                    | *      | *       | *               | *       |
| Anatomic/Clinical Pathology          | 39           | 19,435               | 16     | 41.0    | 16              | 41.0    |
| Anesthesiology                       | 76           | 9,973                | 19     | 25.0    | 13              | 17.1    |
| Cardiovascular Disease               | 26           | 29,152               | *      | *       | 18              | 69.2    |
| Child & Adolescent Psychiatry**      | 21           | 10,710               | 13     | 61.9    | *               | *       |
| Critical Care Medicine               | 24           | 31,581               | *      | *       | *               | *       |
| Dermatology                          | 20           | 37,898               | 10     | 50.0    | *               | *       |
| Emergency Medicine                   | 76           | 9,973                | 13     | 17.1    | 15              | 19.7    |
| Endocrinology, Diabetes & Metabolism | 13           | 58,304               | *      | *       | *               | *       |
| Family Medicine/General Practice     | 386          | 1,964                | 150    | 38.9    | 113             | 29.3    |
| Gastroenterology                     | 21           | 36,093               | *      | *       | *               | *       |
| General Surgery                      | 86           | 8,813                | 13     | 15.1    | 28              | 32.6    |
| Geriatric Medicine***                | *            | *                    | *      | *       | *               | *       |
| Hematology & Oncology                | 30           | 25,265               | *      | *       | *               | *       |
| Infectious Disease                   | 17           | 44,585               | *      | *       | *               | *       |
| Internal Medicine                    | 169          | 4,485                | 51     | 30.2    | 38              | 22.5    |
| Internal Medicine/Pediatrics         | *            | *                    | *      | *       | *               | *       |
| Interventional Cardiology            | 13           | 58,304               | *      | *       | *               | *       |
| Neonatal-Perinatal Medicine          | 12           | 63,163               | *      | *       | *               | *       |
| Nephrology                           | 22           | 34,452               | *      | *       | *               | *       |
| Neurological Surgery                 | 19           | 39,892               | *      | *       | *               | *       |
| Neurology                            | 19           | 39,892               | *      | *       | *               | *       |
| Neuroradiology                       | *            | *                    | *      | *       | *               | *       |
| Obstetrics & Gynecology              | 65           | 11,661               | 42     | 64.6    | 16              | 24.6    |
| Ophthalmology                        | 32           | 23,686               | *      | *       | 14              | 45.2    |
| Orthopedic Surgery                   | 47           | 16,127               | *      | *       | 20              | 42.6    |
| Otolaryngology                       | 20           | 37,898               | *      | *       | *               | *       |
| Pain Medicine & Pain Management      | *            | *                    | *      | *       | *               | *       |
| Pediatrics**                         | 79           | 2,847                | 44     | 55.7    | 20              | 25.3    |
| Physical Medicine & Rehabilitation   | 14           | 54,139               | *      | *       | *               | *       |
| Plastic Surgery                      | 17           | 44,585               | *      | *       | *               | *       |
| Preventive Medicine                  | 12           | 63,163               | *      | *       | *               | *       |
| Psychiatry                           | 66           | 11,484               | 27     | 40.9    | 19              | 28.8    |
| Pulmonary Disease                    | *            | *                    | *      | *       | *               | *       |
| Radiation Oncology                   | 14           | 54,139               | *      | *       | *               | *       |
| Radiology & Diagnostic Radiology     | 62           | 12,225               | *      | *       | 21              | 33.9    |
| Rheumatology                         | *            | *                    | *      | *       | *               | *       |
| Thoracic Surgery                     | *            | *                    | *      | *       | *               | *       |
| Urology                              | 21           | 36,093               | *      | *       | *               | *       |
| Vascular & Interventional Radiology  | 10           | 75,795               | *      | *       | *               | *       |
| Vascular Surgery                     | *            | *                    | *      | *       | *               | *       |

Sources: AMA Physician Masterfile (December 31, 2016), Population estimates as of July 1, 2016 are from the U.S. Census Bureau (Release date: December 2016)

\* Counts for specialties with fewer than 10 physicians are not shown

\*\* Only those 21 years or younger are included in People Per Physician

\*\*\* Only those 65 years or older are included in People Per Physician

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|   |   | Number       | Percent |
|---|---|--------------|---------|
| <b>State Where GME Was Completed for All Active Physicians in State</b> | North Dakota  | 374          | 23%     |
|   | Minnesota   | 196          | 12%     |
|   | Michigan  | 123          | 7%      |
|   | New York  | 94           | 6%      |
|   | Wisconsin   | 80           | 5%      |
|   | Ohio  | 72           | 4%      |
|   | Texas   | 59           | 4%      |
|   | Iowa  | 58           | 3%      |
|   | California  | 53           | 3%      |
|   | Illinois  | 49           | 3%      |
|   | All other states  | 500          | 30%     |
|   | <b>Practice Location of Physicians Who Completed GME in State</b> | North Dakota | 374     |
| Minnesota   |   | 153          | 17%     |
| California  |   | 47           | 5%      |
| Wisconsin   |   | 27           | 3%      |
| Montana   |   | 26           | 3%      |
| Texas   |   | 25           | 3%      |
| South Dakota  |   | 22           | 2%      |
| Washington  |   | 20           | 2%      |
| Florida   |   | 18           | 2%      |
| Oregon  |   | 16           | 2%      |
| All other states  |   | 197          | 21%     |

**Notes:**

GME = Graduate Medical Education

"All other states" includes physicians who completed GME in Canada.

Source: AMA Physician Masterfile (December 31, 2016)