

# Pennsylvania Physician Workforce Profile

|   |                          |            |                          |        |
|---|--------------------------|------------|--------------------------|--------|
| 2 | State Population:        | 12,807,060 | Total Female Physicians: | 14,591 |
| 0 | Population ≤ age 21      | 272,606    | Total MD or DO Students: | 8,202  |
| 1 | Total Active Physicians: | 41,041     | Total Residents:         | 8,930  |
| 8 | Primary Care Physicians: | 12,910     |                          |        |

For additional data, including maps and tables, please see the 2019 State Physician Workforce Data Report online at [www.aamc.org/workforce](http://www.aamc.org/workforce)

|  |   | PA    | PA Rank | State Median |
|--|---|-------|---------|--------------|
| <b>Physician Supply</b>                      | Active Physicians per 100,000 Population, 2018  | 320.5 | 8       | 257.6        |
|  | Total Active Patient Care Physicians per 100,000 Population, 2018                                 | 273.3 | 10      | 227.2        |
|  | Active Primary Care Physicians per 100,000 Population, 2018                                       | 100.8 | 13      | 90.8         |
|  | Active Patient Care Primary Care Physicians per 100,000 Population, 2018                          | 88.2  | 16      | 82.5         |
|  | Active General Surgeons per 100,000 Population, 2018  | 8.7   | 17      | 7.7          |
|  | Active Patient Care General Surgeons per 100,000 Population, 2018                                 | 7.2   | 20      | 6.9          |
|  | Percentage of Active Physicians Who Are Female, 2018  | 35.6% | 20      | 33.8%        |
|  | Percentage of Active Physicians Who Are International Medical Graduates (IMGs), 2018              | 23.5% | 18      | 19.1%        |
|  | Percentage of Active Physicians Who Are Age 60 or Older, 2018                                     | 33.3% | 19      | 30.3%        |
| <b>Undergraduate Medical Education (UME)</b> | MD and DO Student Enrollment per 100,000 Population, AY 2018-2019                                 | 64.0  | 4       | 32.7         |
|  | Student Enrollment at Public MD and DO Schools per 100,000 Population, AY 2018-2019               | ---   | ---     | 21.2         |
|  | Percentage Change in Student Enrollment at MD and DO Schools, 2008-2018                           | 17.8% | 34      | 24.6%        |
|  | Percentage of MD Students Matriculating In-State, AY 2018-2019                                    | 63.0% | 26      | 65.6%        |
| <b>Graduate Medical Education (GME)</b>      | Total Residents/Fellows in ACGME Programs per 100,000 Population as of December 31, 2018          | 69.7  | 4       | 28.1         |
|  | Total Residents/Fellows in Primary Care ACGME Programs per 100,000 Population as of Dec. 31, 2018 | 25.1  | 4       | 10.6         |
|  | Percentage of Residents in ACGME Programs Who Are IMGs as of December 31, 2018                    | 22.3% | 18      | 20.5%        |
|  | Ratio of Residents and Fellows (GME) to Medical Students (UME), AY 2017-2018                      | 1.2   | 17      | 1.0          |
|  | Percent Change in Residents and Fellows in ACGME-Accredited Programs, 2008-2018                   | 22.1% | 25      | 17.6%        |
| <b>Retention</b>                             | Percentage of Physicians Retained in State from Undergraduate Medical Education (UME), 2018       | 31.3% | 33      | 38.5%        |
|  | Percentage of Physicians Retained in State from Public UME, 2018                                  | ---   | ---     | 44.1%        |
|  | Percentage of Physicians Retained in State from Graduate Medical Education (GME), 2018            | 39.8% | 37      | 44.9%        |
|  | Percentage of Physicians Retained in State from UME and GME Combined, 2018                        | 56.6% | 39      | 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: 2019 State Physician Workforce Data Report

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| Specialty                            | Total Active |                      | Female |         | Age 60 or Older |         |
|--------------------------------------|--------------|----------------------|--------|---------|-----------------|---------|
|                                      | Physicians   | People Per Physician | Number | Percent | Number          | Percent |
| All Specialties                      | 41,041       | 312                  | 14,591 | 35.6    | 13,613          | 33.3    |
| Allergy & Immunology                 | 194          | 66,016               | 77     | 39.7    | 81              | 41.8    |
| Anatomic/Clinical Pathology          | 576          | 22,234               | 213    | 37.0    | 313             | 54.3    |
| Anesthesiology                       | 1,738        | 7,369                | 442    | 25.5    | 691             | 39.8    |
| Cardiovascular Disease               | 1,223        | 10,472               | 184    | 15.1    | 566             | 46.3    |
| Child & Adolescent Psychiatry**      | 442          | 617                  | 229    | 51.8    | 154             | 34.8    |
| Critical Care Medicine               | 644          | 19,887               | 168    | 26.1    | 66              | 10.2    |
| Dermatology                          | 529          | 24,210               | 263    | 49.7    | 187             | 35.3    |
| Emergency Medicine                   | 1,832        | 6,991                | 558    | 30.5    | 498             | 27.3    |
| Endocrinology, Diabetes & Metabolism | 392          | 32,671               | 217    | 55.4    | 124             | 31.6    |
| Family Medicine/General Practice     | 5,003        | 2,560                | 1,983  | 39.7    | 1,815           | 36.4    |
| Gastroenterology                     | 755          | 16,963               | 155    | 20.5    | 273             | 36.2    |
| General Surgery                      | 1,112        | 11,517               | 253    | 22.8    | 398             | 35.8    |
| Geriatric Medicine***                | 287          | *                    | 160    | 56.1    | 78              | 27.2    |
| Hematology & Oncology                | 832          | 15,393               | 279    | 33.5    | 286             | 34.4    |
| Infectious Disease                   | 456          | 28,086               | 182    | 39.9    | 140             | 30.7    |
| Internal Medicine                    | 5,172        | 2,476                | 1,928  | 37.4    | 1,714           | 33.2    |
| Internal Medicine/Pediatrics         | 140          | 91,479               | 83     | 59.3    | *               | *       |
| Interventional Cardiology            | 170          | 75,336               | 12     | 7.1     | 18              | 10.6    |
| Neonatal-Perinatal Medicine          | 271          | 47,259               | 158    | 58.3    | 82              | 30.3    |
| Nephrology                           | 548          | 23,371               | 180    | 32.8    | 161             | 29.4    |
| Neurological Surgery                 | 269          | 47,610               | 23     | 8.6     | 82              | 30.5    |
| Neurology                            | 641          | 19,980               | 203    | 31.7    | 288             | 44.9    |
| Neuroradiology                       | 166          | 77,151               | 40     | 24.1    | 11              | 6.6     |
| Obstetrics & Gynecology              | 1,690        | 7,578                | 982    | 58.2    | 544             | 32.2    |
| Ophthalmology                        | 875          | 14,637               | 245    | 28.0    | 333             | 38.1    |
| Orthopedic Surgery                   | 758          | 16,896               | 36     | 4.7     | 347             | 45.8    |
| Otolaryngology                       | 389          | 32,923               | 72     | 18.6    | 139             | 35.8    |
| Pain Medicine & Pain Management      | 241          | 53,141               | 52     | 21.6    | 37              | 15.4    |
| Pediatrics**                         | 2,273        | 120                  | 1,461  | 64.4    | 713             | 31.4    |
| Physical Medicine & Rehabilitation   | 510          | 25,112               | 168    | 33.1    | 170             | 33.3    |
| Plastic Surgery                      | 261          | 49,069               | 43     | 16.5    | 101             | 38.7    |
| Preventive Medicine                  | 218          | 58,748               | 71     | 32.6    | 123             | 56.7    |
| Psychiatry                           | 1,697        | 7,547                | 627    | 37.0    | 851             | 50.3    |
| Pulmonary Disease                    | 273          | 46,912               | 27     | 9.9     | 205             | 75.1    |
| Radiation Oncology                   | 270          | 47,434               | 76     | 28.1    | 92              | 34.1    |
| Radiology & Diagnostic Radiology     | 1,329        | 9,637                | 409    | 30.8    | 538             | 40.5    |
| Rheumatology                         | 330          | 38,809               | 153    | 46.5    | 119             | 36.1    |
| Sports Medicine                      | 150          | 85,380               | 30     | 20.0    | *               | *       |
| Thoracic Surgery                     | 248          | 51,641               | 26     | 10.5    | 89              | 35.9    |
| Urology                              | 416          | 30,786               | 36     | 8.7     | 171             | 41.1    |
| Vascular & Interventional Radiology  | 162          | 79,056               | 14     | 8.6     | 18              | 11.1    |
| Vascular Surgery                     | 188          | 68,123               | 21     | 11.2    | 66              | 35.3    |

Sources: AMA Physician Masterfile (December 31, 2018), Population estimates as of July 1, 2018 are from the U.S. Census Bureau (Release date: December 2018)

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

\*\* Only those 21 years or younger 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> | Pennsylvania         | 22,553 | 60%     |
|   | New York             | 3,462  | 9%      |
|   | Ohio                 | 1,126  | 3%      |
|   | Massachusetts        | 1,098  | 3%      |
|   | New Jersey           | 1,043  | 3%      |
|   | Maryland             | 971    | 3%      |
|   | California           | 616    | 2%      |
|   | Illinois             | 554    | 1%      |
|   | Michigan             | 539    | 1%      |
|   | District of Columbia | 526    | 1%      |
|   | All other states     | 5,065  | 13%     |
| <b>Practice Location of Physicians Who Completed GME in State</b>       | Pennsylvania         | 22,553 | 40%     |
|   | New Jersey           | 3,500  | 6%      |
|   | California           | 3,305  | 6%      |
|   | Florida              | 2,930  | 5%      |
|   | New York             | 2,416  | 4%      |
|   | Texas                | 1,754  | 3%      |
|   | Maryland             | 1,726  | 3%      |
|   | Ohio                 | 1,514  | 3%      |
|   | Virginia             | 1,467  | 3%      |
|   | North Carolina       | 1,344  | 2%      |
|   | All other states     | 14,065 | 25%     |

Notes:

GME = Graduate Medical Education

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

Source: AMA Physician Masterfile (December 31, 2018)