Statistical Profile of Board Certified PAs by State

ANNUAL REPORT
National Commission on Certification of PAs

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## Message from the President and CEO

Dear Colleagues,
In its ninth year, the Statistical Profile of Board Certified PAs by State; continues to showcase the impactful healthcare contributions of the PA profession throughout the U.S. Overall, the PA profession has grown by $28 \%$ from 2018-2022, with the rate of Board Certified PAs per 100,000 population increasing from 40 in 2018 to 50 in 2022. Similarly, the number of current PA licenses issued by state regulatory boards has grown by $29 \%$, reaching a total of 203,924 in 2022, recognizing that some PAs hold more than one state license. Licensure data for each state is provided in collaboration with the Federation of State Medical
 Boards, and NCCPA wishes to acknowledge its appreciation to the FSMB for its contribution.

It is encouraging to see that during the past five years, the PA profession has grown by as much as $48 \%$ in Mississippi, historically a medically underserved state that struggles with access to care. In Alaska and New Mexico, $54 \%$ of the PAs provide care to patients in designated Health Professional Shortage Areas and/or Medically Underserved Areas. The use of telemedicine has increased dramatically in all states since 2018, growing from $9 \%$ to $40 \%$ nationwide in 2022. In Alaska, $59 \%$ of PAs use telemedicine to help provide greater access to care for their patients. PAs are making a difference.

At NCCPA, we continuously strive to enhance the PA workforce reports by providing new, relevant, and timely data. We are incredibly grateful for the efforts of PAs who routinely update their PA Professional Profile, allowing us to include new information on topics such as changing specialties, availability of clinical opportunities, and details on factors related to job and career satisfaction. The flexibility of changing specialties has been a hallmark of the PA profession, and our data shows that $54 \%$ of PAs have changed specialties at least once, with $23 \%$ making two to three changes.

From the data, it is rewarding to see that, although PAs recently experienced the worst healthcare crisis this country has ever seen and have reported a slightly higher level of burnout over $2021,87 \%$ are satisfied with their career as a PA, and in Oklahoma and Ohio, the satisfaction is even higher, at $91 \%$ and $89 \%$, respectively. Similarly, $84 \%$ are satisfied with their present job, and $71 \%$ are satisfied with their current work/ life balance. The 2022 data also shows that PAs are making gains financially, with the majority of PAs in 13 states having incomes over \$120,000, compared with seven states in 2021.

Again, we express our gratitude to the Board Certified PAs who make this report possible, and we hope that this report contributes in a meaningful way to increase the knowledge and understanding of the PA profession.

Sincerely,

Dawn Morton-Rias, Ed.D, PA-C, ICE-CCP, FACHE
President and CEO

## About the Data and Collection Methodology

## Introduction

Since certifying the first physician assistants/associates (PAs) in 1975, NCCPA has collected data on the PA profession as PAs completed various processes related to obtaining initial certification and then maintaining certification by earning and logging continuing medical education credits and passing recertification examinations. In May 2012, NCCPA's data gathering efforts were significantly enhanced with the launch of the PA Professional Profile. This data gathering instrument is presented to PAs through a secure portal within NCCPA's website. The Profile was launched with two modules: "About Me" and "My Practice."

In December 2012, NCCPA added a "Recently Certified" module delivered online to PAs who have been board certified for less than six months. Data from that module can be found in the Statistical Profile of Recently Board Certified PAs, first published in 2014 and updated annually.

## Data Editing and Analysis

Data reflected in this report includes aggregated responses from PAs who were board certified as of December 31, 2022, and have made updates to the Profile between January 1, 2020 and December 31, 2022. Data from 2018 has been included to provide five-year comparisons. In addition, some data were obtained from other NCCPA data collection strategies. As of December 31, 2022, there were 168,318 board certified PAs, and 140,815 provided responses for at least a portion of the Profile, yielding an overall response rate of $83.7 \%$. In 2022, new questions were added to the Profile. Findings from that data can be found in the appendix. The response rate for the new items is $\leq 56 \%$ as of December 31, 2022. As more PAs access their Profile and provide responses to these newly added questions, it is anticipated that response rates on these items will be similar to the current overall response rate, and data from these items will be moved from the appendix to the body of the report in future years.

Responses were examined for consistency and potential errors. In cases of obvious error or inconclusive data, the responses were not included in the analysis. The number of responses to individual items varies due to differing response rates or due to the data being removed for reasons previously noted. The NCCPA data reported is based on PA state of residence and may not necessarily reflect their state of clinical practice. Number of licensed PAs is derived from the 2022 Federation of State Medical Boards licensure data. Analyses of the data consist primarily of descriptive statistics. Percent change calculations reflect count change between 2018 and 2022.

## About NCCPA

NCCPA is the only board certifying organization for PAs in the U.S. Established as a not-for-profit organization in 1974, NCCPA is dedicated to providing certification programs that reflect standards for clinical knowledge, clinical reasoning and other medical skills and professional behaviors required upon entry into practice and throughout the careers of PAs. All U.S. states, the District of Columbia and the U.S. territories have decided to rely on NCCPA certification as one of the criteria for initial licensure or regulation of PAs. More than 196,000 PAs have been board certified by NCCPA since 1975.

For more information, visit our website at: www.nccpa.net

Number, Percent, Rate, Rank and Licensed PAs by State

|  | Number of certified PAs* | Percent of total PAs in the U.S. | $\begin{gathered} \text { Rate per } \\ \text { 100,000 } \\ \text { population } \end{gathered}$ | Rank (of rate per 100,000 population) | Percent change in number of certified PAs 2018-2022 | Number of PA Licenses*** |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| United States | 167,686** | 100.0\% | 50.3 |  | 28.4\% | 203,924 |
| Alabama | 1,209 | 0.7\% | 23.8 | 49 | 43.4\% | 1,306 |
| Alaska | 673 | 0.4\% | 91.7 | 1 | 15.6\% | 845 |
| Arizona | 3,728 | 2.2\% | 50.7 | 26 | 28.5\% | 4,531 |
| Arkansas | 635 | 0.4\% | 20.8 | 50 | 38.0\% | 716 |
| California | 13,068 | 7.8\% | 33.5 | 45 | 29.7\% | 16,503 |
| Colorado | 4,537 | 2.7\% | 77.7 | 7 | 30.8\% | 5,144 |
| Connecticut | 2,999 | 1.8\% | 82.7 | 3 | 31.3\% | 3,560 |
| Delaware | 487 | 0.3\% | 47.8 | 29 | 26.8\% | 1,128 |
| D.C. | 298 | 0.2\% | 44.4 | 34 | 14.2\% | 964 |
| Florida | 11,011 | 6.6\% | 49.5 | 28 | 33.9\% | 12,813 |
| Georgia | 4,727 | 2.8\% | 43.3 | 37 | 27.2\% | 6,262 |
| Hawaii | 478 | 0.3\% | 33.2 | 46 | 42.3\% | 610 |
| Idaho | 1,458 | 0.9\% | 75.2 | 11 | 31.0\% | 1,717 |
| Illinois | 4,444 | 2.7\% | 35.3 | 43 | 24.4\% | 5,500 |
| Indiana | 2,253 | 1.3\% | 33.0 | 47 | 44.1\% | 1,984 |
| lowa | 1,400 | 0.9\% | 43.7 | 33 | 17.5\% | 2,029 |
| Kansas | 1,368 | 0.8\% | 46.6 | 32 | 21.2\% | 1,605 |
| Kentucky | 1,782 | 1.1\% | 39.5 | 40 | 26.7\% | 1,950 |
| Louisiana | 1,572 | 0.9\% | 34.2 | 44 | 29.8\% | 1,684 |
| Maine | 1,045 | 0.6\% | 75.4 | 10 | 24.0\% | 1,261 |
| Maryland | 3,638 | 2.2\% | 59.0 | 20 | 18.8\% | 4,931 |
| Massachusetts | 4,550 | 2.7\% | 65.2 | 15 | 29.8\% | 5,651 |
| Michigan | 6,645 | 4.0\% | 66.2 | 14 | 24.6\% | 7,314 |
| Minnesota | 3,588 | 2.1\% | 62.8 | 16 | 31.2\% | 4,090 |
| Mississippi | 369 | 0.2\% | 12.6 | 51 | 47.6\% | 475 |
| Missouri | 1,620 | 1.0\% | 26.2 | 48 | 37.6\% | 2,215 |
| Montana | 885 | 0.5\% | 78.8 | 5 | 28.6\% | 1,220 |
| Nebraska | 1,468 | 0.9\% | 74.6 | 12 | 23.5\% | 1,724 |
| Nevada | 1,233 | 0.7\% | 38.8 | 41 | 35.0\% | 1,605 |
| New Hampshire | 1,072 | 0.6\% | 76.8 | 8 | 30.1\% | 1,172 |
| New Jersey | 4,319 | 2.6\% | 46.6 | 32 | 42.1\% | 5,695 |
| New Mexico | 917 | 0.5\% | 43.4 | 36 | 19.9\% | 1,242 |
| New York | 15,449 | 9.2\% | 78.5 | 6 | 21.2\% | 21,456 |
| North Carolina | 8,561 | 5.1\% | 80.0 | 4 | 32.5\% | 9,818 |
| North Dakota | 390 | 0.2\% | 50.0 | 27 | 13.0\% | 522 |
| Ohio | 4,895 | 2.9\% | 41.6 | 39 | 31.9\% | 5,531 |
| Oklahoma | 1,890 | 1.1\% | 47.0 | 31 | 22.6\% | 2,181 |
| Oregon | 2,328 | 1.4\% | 54.9 | 22 | 25.2\% | 3,115 |
| Pennsylvania | 10,999 | 6.6\% | 84.8 | 2 | 24.7\% | 11,431 |
| Rhode Island | 603 | 0.4\% | 55.1 | 21 | 42.9\% | 625 |
| South Carolina | 2,507 | 1.5\% | 47.5 | 30 | 45.9\% | 3,079 |
| South Dakota | 695 | 0.4\% | 76.4 | 9 | 18.4\% | 847 |
| Tennessee | 3,006 | 1.8\% | 42.6 | 38 | 36.7\% | 3,401 |
| Texas | 11,008 | 6.6\% | 36.7 | 42 | 26.8\% | 11,970 |
| Utah | 2,067 | 1.2\% | 61.1 | 17 | 37.6\% | 2,495 |
| Vermont | 437 | 0.3\% | 67.5 | 13 | 16.5\% | 521 |
| Virginia | 4,536 | 2.7\% | 52.2 | 23 | 31.7\% | 5,977 |
| Washington | 3,968 | 2.4\% | 51.0 | 24 | 26.6\% | 5,274 |
| West Virginia | 1,084 | 0.6\% | 61.1 | 17 | 7.3\% | 1,484 |
| Wisconsin | 3,491 | 2.1\% | 59.2 | 19 | 25.8\% | 4,246 |
| Wyoming | 296 | 0.2\% | 50.9 | 25 | 19.8\% | 505 |

*The number of certified PAs is based on the PA's state of residence reported to NCCPA.
**This reflects total number of certified PAs in the 50 U.S. states and the District of Columbia. There are 168,318 total certified PAs including U.S. territories and other areas.
**Source: Federation of State Medical Boards. Note: Some PAs maintain active licenses in more than one jurisdiction. The FSMB reported 203,924 licenses for 167,913 PAs.

## Percent Change in Number of Certified PAs 2018-2022



Gender by State

|  | Male |  | Female |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2022 | 2018 | 2022 | 2018 |
| United States | 29.3\% | 31.1\% | 70.6\% | 68.9\% |
| Alabama | 28.6\% | 31.1\% | 71.4\% | 68.9\% |
| Alaska | 38.5\% | 42.1\% | 61.5\% | 57.9\% |
| Arizona | 33.9\% | 36.1\% | 66.1\% | 63.9\% |
| Arkansas | 30.4\% | 33.9\% | 69.6\% | 66.1\% |
| California | 31.8\% | 34.0\% | 68.2\% | 66.0\% |
| Colorado | 27.4\% | 29.7\% | 72.6\% | 70.3\% |
| Connecticut | 28.8\% | 31.1\% | 71.2\% | 68.9\% |
| Delaware | 31.6\% | 30.5\% | 68.4\% | 69.5\% |
| D.C. | 20.5\% | 20.7\% | 79.5\% | 79.3\% |
| Florida | 30.8\% | 33.8\% | 69.2\% | 66.2\% |
| Georgia | 29.2\% | 31.8\% | 70.8\% | 68.2\% |
| Hawaii | 41.0\% | 44.0\% | 59.0\% | 56.0\% |
| Idaho | 48.2\% | 48.8\% | 51.8\% | 51.2\% |
| Illinois | 23.3\% | 24.2\% | 76.7\% | 75.8\% |
| Indiana | 25.2\% | 28.4\% | 74.8\% | 71.6\% |
| lowa | 25.1\% | 27.3\% | 74.9\% | 72.7\% |
| Kansas | 27.8\% | 28.9\% | 72.2\% | 71.1\% |
| Kentucky | 29.4\% | 31.0\% | 70.6\% | 69.0\% |
| Louisiana | 28.4\% | 30.6\% | 71.6\% | 69.4\% |
| Maine | 36.2\% | 37.2\% | 63.8\% | 62.8\% |
| Maryland | 27.3\% | 27.9\% | 72.7\% | 72.1\% |
| Massachusetts | 26.4\% | 27.2\% | 73.6\% | 72.8\% |
| Michigan | 27.9\% | 29.0\% | 72.1\% | 71.0\% |
| Minnesota | 24.7\% | 25.9\% | 75.3\% | 74.1\% |
| Mississippi | 32.5\% | 35.6\% | 67.5\% | 64.4\% |
| Missouri | 30.1\% | 31.8\% | 69.9\% | 68.2\% |
| Montana | 37.7\% | 41.9\% | 62.3\% | 58.1\% |
| Nebraska | 25.1\% | 26.5\% | 74.9\% | 73.5\% |
| Nevada | 41.4\% | 44.0\% | 58.6\% | 56.0\% |
| New Hampshire | 29.7\% | 28.5\% | 70.3\% | 71.5\% |
| New Jersey | 22.2\% | 23.2\% | 77.8\% | 76.8\% |
| New Mexico | 38.5\% | 39.5\% | 61.5\% | 60.5\% |
| New York | 27.6\% | 28.7\% | 72.4\% | 71.3\% |
| North Carolina | 30.7\% | 33.7\% | 69.3\% | 66.3\% |
| North Dakota | 24.1\% | 23.5\% | 75.9\% | 76.5\% |
| Ohio | 29.1\% | 31.5\% | 70.9\% | 68.5\% |
| Oklahoma | 29.4\% | 30.5\% | 70.6\% | 69.5\% |
| Oregon | 32.9\% | 33.6\% | 67.1\% | 66.4\% |
| Pennsylvania | 22.6\% | 23.8\% | 77.4\% | 76.2\% |
| Rhode Island | 28.0\% | 28.9\% | 72.0\% | 71.1\% |
| South Carolina | 28.8\% | 30.2\% | 71.2\% | 69.8\% |
| South Dakota | 32.8\% | 32.9\% | 67.2\% | 67.1\% |
| Tennessee | 35.0\% | 38.0\% | 65.0\% | 62.0\% |
| Texas | 28.6\% | 30.9\% | 71.4\% | 69.1\% |
| Utah | 50.5\% | 53.7\% | 49.5\% | 46.3\% |
| Vermont | 31.4\% | 30.7\% | 68.6\% | 69.3\% |
| Virginia | 27.3\% | 29.2\% | 72.7\% | 70.8\% |
| Washington | 40.7\% | 44.2\% | 59.3\% | 55.8\% |
| West Virginia | 32.5\% | 34.2\% | 67.5\% | 65.8\% |
| Wisconsin | 24.9\% | 27.0\% | 75.1\% | 73.0\% |
| Wyoming | 42.2\% | 42.5\% | 57.8\% | 57.5\% |

Note: Less than $0.1 \%$ of the PA population self-reported as identifying as non-binary or preferred not to answer.

## Percent Female by State



Age by State

|  | <30 |  | 30-39 |  | 40-49 |  | 50-59 |  | 60+ |  | Median age |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2022 | 2018 | 2022 | 2018 | 2022 | 2018 | 2022 | 2018 | 2022 | 2018 | 2022 | 2018 |
| United States | 17.9\% | 17.4\% | 38.6\% | 38.2\% | 23.0\% | 23.3\% | 12.6\% | 12.9\% | 7.9\% | 8.2\% | 38 | 38 |
| Alabama | 22.2\% | 20.4\% | 40.9\% | 43.1\% | 21.5\% | 20.9\% | 10.8\% | 11.3\% | 4.5\% | 4.4\% | 35 | 36 |
| Alaska | 5.6\% | 5.2\% | 34.2\% | 32.1\% | 25.1\% | 24.9\% | 17.2\% | 19.4\% | 17.8\% | 18.4\% | 43 | 45 |
| Arizona | 15.0\% | 13.5\% | 36.2\% | 38.3\% | 26.2\% | 26.8\% | 14.0\% | 13.0\% | 8.6\% | 8.4\% | 39 | 39 |
| Arkansas | 20.9\% | 27.0\% | 49.4\% | 45.7\% | 17.5\% | 13.5\% | 6.9\% | 9.1\% | 5.2\% | 4.8\% | 35 | 34 |
| California | 12.5\% | 9.6\% | 39.0\% | 38.3\% | 25.1\% | 27.6\% | 14.1\% | 14.4\% | 9.4\% | 10.2\% | 39 | 40 |
| Colorado | 11.2\% | 9.6\% | 39.8\% | 38.6\% | 28.3\% | 30.0\% | 13.7\% | 13.7\% | 7.1\% | 8.0\% | 39 | 40 |
| Connecticut | 19.7\% | 20.4\% | 40.1\% | 36.6\% | 19.3\% | 20.3\% | 12.7\% | 13.3\% | 8.1\% | 9.3\% | 37 | 37 |
| Delaware | 21.4\% | 20.1\% | 34.9\% | 35.7\% | 19.3\% | 21.4\% | 11.7\% | 12.5\% | 12.7\% | 10.4\% | 37 | 38 |
| D.C. | 21.1\% | 19.2\% | 48.7\% | 55.6\% | 18.1\% | 16.1\% | 7.0\% | 5.7\% | 5.0\% | 3.4\% | 35 | 34 |
| Florida | 16.2\% | 15.2\% | 37.9\% | 37.3\% | 22.7\% | 23.3\% | 13.9\% | 15.2\% | 9.2\% | 9.0\% | 38 | 39 |
| Georgia | 15.2\% | 13.8\% | 39.6\% | 39.7\% | 23.5\% | 25.1\% | 14.0\% | 12.3\% | 7.7\% | 9.0\% | 38 | 38 |
| Hawaii | 9.4\% | 5.4\% | 37.7\% | 39.6\% | 27.6\% | 25.9\% | 14.9\% | 15.8\% | 10.5\% | 13.4\% | 40 | 41 |
| Idaho | 8.4\% | 9.6\% | 37.2\% | 41.2\% | 34.4\% | 30.8\% | 13.3\% | 11.1\% | 6.7\% | 7.3\% | 41 | 40 |
| Illinois | 22.1\% | 21.1\% | 41.8\% | 43.7\% | 20.5\% | 20.3\% | 10.4\% | 9.5\% | 5.2\% | 5.3\% | 35 | 35 |
| Indiana | 28.1\% | 26.0\% | 39.4\% | 40.4\% | 18.6\% | 19.8\% | 9.6\% | 8.8\% | 4.4\% | 5.1\% | 34 | 35 |
| lowa | 18.4\% | 18.5\% | 32.6\% | 32.1\% | 24.2\% | 22.6\% | 14.6\% | 16.5\% | 10.2\% | 10.3\% | 39 | 40 |
| Kansas | 15.4\% | 14.1\% | 33.4\% | 38.1\% | 27.5\% | 26.0\% | 15.1\% | 13.7\% | 8.6\% | 8.1\% | 40 | 39 |
| Kentucky | 18.1\% | 15.3\% | 35.9\% | 37.9\% | 25.5\% | 27.4\% | 13.4\% | 12.7\% | 7.1\% | 6.8\% | 38 | 38 |
| Louisiana | 20.5\% | 22.7\% | 43.8\% | 42.9\% | 21.6\% | 22.8\% | 10.3\% | 7.7\% | 3.7\% | 3.9\% | 36 | 35 |
| Maine | 11.3\% | 10.7\% | 34.8\% | 31.2\% | 22.8\% | 23.5\% | 16.0\% | 18.0\% | 15.1\% | 16.6\% | 41 | 43 |
| Maryland | 13.8\% | 15.6\% | 36.6\% | 35.0\% | 24.6\% | 23.5\% | 14.1\% | 15.2\% | 10.9\% | 10.6\% | 39 | 39 |
| Massachusetts | 22.8\% | 23.3\% | 41.4\% | 38.6\% | 19.1\% | 19.5\% | 9.9\% | 11.3\% | 6.7\% | 7.2\% | 35 | 36 |
| Michigan | 18.7\% | 18.8\% | 37.4\% | 37.0\% | 23.5\% | 22.6\% | 12.3\% | 12.7\% | 8.1\% | 8.9\% | 38 | 38 |
| Minnesota | 17.1\% | 18.2\% | 42.7\% | 42.9\% | 24.1\% | 22.8\% | 10.6\% | 10.3\% | 5.5\% | 5.8\% | 37 | 37 |
| Mississippi | 15.2\% | 26.4\% | 55.0\% | 46.8\% | 17.6\% | 18.0\% | 9.2\% | 5.2\% | 3.0\% | 3.6\% | 35 | 34 |
| Missouri | 19.8\% | 16.0\% | 38.8\% | 41.5\% | 23.5\% | 24.4\% | 11.7\% | 11.5\% | 6.2\% | 6.6\% | 37 | 38 |
| Montana | 8.2\% | 8.4\% | 35.7\% | 33.3\% | 26.1\% | 28.9\% | 18.0\% | 17.7\% | 12.0\% | 11.6\% | 41 | 42 |
| Nebraska | 18.3\% | 15.8\% | 35.7\% | 36.8\% | 24.6\% | 26.1\% | 14.1\% | 12.6\% | 7.4\% | 8.7\% | 38 | 39 |
| Nevada | 12.7\% | 10.3\% | 39.3\% | 39.9\% | 23.9\% | 27.2\% | 15.2\% | 13.8\% | 8.8\% | 8.9\% | 39 | 40 |
| New Hampshire | 13.4\% | 17.6\% | 40.8\% | 34.5\% | 21.4\% | 25.1\% | 15.5\% | 13.8\% | 9.0\% | 9.0\% | 38 | 39 |
| New Jersey | 25.9\% | 23.1\% | 38.6\% | 39.7\% | 21.4\% | 22.6\% | 9.5\% | 10.0\% | 4.6\% | 4.6\% | 35 | 36 |
| New Mexico | 8.1\% | 7.2\% | 34.5\% | 32.3\% | 21.4\% | 22.1\% | 17.7\% | 18.8\% | 18.4\% | 19.6\% | 42 | 44 |
| New York | 24.3\% | 23.2\% | 36.3\% | 36.9\% | 19.9\% | 20.3\% | 11.9\% | 12.5\% | 7.5\% | 7.0\% | 36 | 36 |
| North Carolina | 14.9\% | 15.0\% | 39.7\% | 37.3\% | 22.2\% | 23.9\% | 14.0\% | 14.5\% | 9.3\% | 9.3\% | 38 | 39 |
| North Dakota | 10.8\% | 10.7\% | 37.2\% | 35.9\% | 24.4\% | 21.4\% | 13.3\% | 16.5\% | 14.4\% | 15.4\% | 40 | 41 |
| Ohio | 25.6\% | 26.2\% | 39.6\% | 36.1\% | 17.5\% | 18.2\% | 10.5\% | 12.1\% | 6.8\% | 7.4\% | 35 | 35 |
| Oklahoma | 15.4\% | 15.2\% | 35.0\% | 38.3\% | 26.8\% | 25.8\% | 13.7\% | 12.3\% | 9.1\% | 8.4\% | 39 | 39 |
| Oregon | 8.1\% | 9.1\% | 41.5\% | 42.1\% | 28.7\% | 26.4\% | 14.0\% | 13.8\% | 7.7\% | 8.6\% | 40 | 39 |
| Pennsylvania | 27.9\% | 30.2\% | 38.4\% | 37.4\% | 19.4\% | 17.8\% | 8.6\% | 8.9\% | 5.7\% | 5.6\% | 35 | 34 |
| Rhode Island | 24.7\% | 25.1\% | 42.6\% | 34.1\% | 15.8\% | 20.9\% | 9.1\% | 11.6\% | 7.8\% | 8.3\% | 34 | 36 |
| South Carolina | 20.5\% | 17.2\% | 38.5\% | 40.6\% | 23.6\% | 23.5\% | 11.4\% | 11.2\% | 5.9\% | 7.5\% | 37 | 37 |
| South Dakota | 12.4\% | 10.1\% | 34.2\% | 34.4\% | 22.6\% | 21.6\% | 16.8\% | 19.9\% | 14.0\% | 14.0\% | 41 | 42 |
| Tennessee | 20.4\% | 21.4\% | 40.7\% | 38.7\% | 20.3\% | 20.9\% | 11.0\% | 11.8\% | 7.6\% | 7.2\% | 36 | 36 |
| Texas | 15.1\% | 14.4\% | 38.4\% | 39.3\% | 25.3\% | 25.3\% | 13.2\% | 13.1\% | 8.0\% | 8.0\% | 38 | 39 |
| Utah | 9.8\% | 7.9\% | 40.9\% | 43.9\% | 30.9\% | 27.9\% | 11.4\% | 11.9\% | 7.1\% | 8.3\% | 39 | 39 |
| Vermont | 7.1\% | 7.7\% | 35.2\% | 32.8\% | 23.6\% | 25.1\% | 20.1\% | 19.2\% | 14.0\% | 15.2\% | 42 | 44 |
| Virginia | 16.6\% | 15.1\% | 39.6\% | 41.6\% | 24.6\% | 25.2\% | 12.5\% | 11.6\% | 6.7\% | 6.4\% | 38 | 38 |
| Washington | 7.9\% | 6.0\% | 36.1\% | 34.0\% | 26.3\% | 28.6\% | 17.7\% | 19.1\% | 12.0\% | 12.3\% | 41 | 43 |
| West Virginia | 15.3\% | 15.3\% | 31.6\% | 39.2\% | 29.3\% | 27.1\% | 15.3\% | 11.6\% | 8.4\% | 6.7\% | 40 | 38 |
| Wisconsin | 18.5\% | 20.4\% | 39.9\% | 38.1\% | 21.6\% | 20.1\% | 12.3\% | 13.4\% | 7.6\% | 8.0\% | 37 | 37 |
| Wyoming | 7.8\% | 5.7\% | 34.1\% | 32.8\% | 22.6\% | 24.3\% | 18.2\% | 21.5\% | 17.2\% | 15.8\% | 42 | 43 |

## Median Age by State



Ethnicity by State

|  | 2022 | 2018 |
| :---: | :---: | :---: |
|  | Hispanic, Latino(a), or Spanish origin | Hispanic, Latino(a), or Spanish origin |
| United States | 7.0\% | 6.3\% |
| Alabama | 2.9\% | 2.6\% |
| Alaska | 3.6\% | 4.5\% |
| Arizona | 9.8\% | 8.2\% |
| Arkansas | 1.8\% | 2.3\% |
| California | 16.3\% | 16.2\% |
| Colorado | 5.3\% | 4.7\% |
| Connecticut | 6.0\% | 5.4\% |
| Delaware | 2.6\% | 2.1\% |
| D.C. | 9.5\% | 6.0\% |
| Florida | 17.3\% | 15.4\% |
| Georgia | 4.6\% | 4.2\% |
| Hawaii | 9.4\% | 8.2\% |
| Idaho | 3.7\% | 3.2\% |
| Illinois | 4.9\% | 3.8\% |
| Indiana | 2.3\% | 1.6\% |
| lowa | 2.3\% | 2.0\% |
| Kansas | 3.3\% | 3.0\% |
| Kentucky | 1.6\% | 1.0\% |
| Louisiana | 4.2\% | 3.6\% |
| Maine | 1.3\% | 1.4\% |
| Maryland | 3.7\% | 3.8\% |
| Massachusetts | 3.6\% | 2.9\% |
| Michigan | 2.1\% | 1.9\% |
| Minnesota | 1.5\% | 1.4\% |
| Mississippi | 4.0\% | 4.2\% |
| Missouri | 2.6\% | 2.6\% |
| Montana | 1.5\% | 1.4\% |
| Nebraska | 2.5\% | 1.5\% |
| Nevada | 9.2\% | 8.7\% |
| New Hampshire | 2.0\% | 2.5\% |
| New Jersey | 8.0\% | 7.4\% |
| New Mexico | 22.6\% | 19.5\% |
| New York | 6.7\% | 6.3\% |
| North Carolina | 4.2\% | 3.6\% |
| North Dakota | 0.9\% | 0.6\% |
| Ohio | 2.3\% | 1.6\% |
| Oklahoma | 3.0\% | 2.7\% |
| Oregon | 5.4\% | 4.4\% |
| Pennsylvania | 2.2\% | 1.5\% |
| Rhode Island | 4.2\% | 2.7\% |
| South Carolina | 3.4\% | 3.3\% |
| South Dakota | 1.0\% | 0.9\% |
| Tennessee | 2.5\% | 2.5\% |
| Texas | 18.2\% | 17.2\% |
| Utah | 6.0\% | 4.2\% |
| Vermont | 1.7\% | 1.8\% |
| Virginia | 4.8\% | 4.3\% |
| Washington | 6.2\% | 6.0\% |
| West Virginia | 1.7\% | 2.0\% |
| Wisconsin | 2.1\% | 1.8\% |
| Wyoming | 3.7\% | 2.3\% |

Note: PAs were asked if they were of Hispanic, Latino(a) or Spanish origin.

# Ethnicity: Identifies as Hispanic, Latino(a) or Spanish Origin by State 



|  | American Indian or Alaskan Native |  | Asian |  | Black/African American |  | Multi-race |  | Native Hawaiian/ Pacific Islander |  | Other |  | White |  | Prefer not to answer |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2022 | 2018 | 2022 | 2018 | 2022 | 2018 | 2022 | 2018 | 2022 | 2018 | 2022 | 2018 | 2022 | 2018 | 2022 | 2018 |
| United States | 0.3\% | 0.4\% | 6.5\% | 5.4\% | 3.3\% | 3.4\% | 2.3\% | 1.8\% | 0.3\% | 0.3\% | 2.7\% | 2.8\% | 80.3\% | 81.0\% | 4.3\% | 5.0\% |
| Alabama | 0.5\% | 0.4\% | 2.5\% | 2.0\% | 5.4\% | 5.0\% | 2.5\% | 1.7\% | 0.2\% | 0.1\% | 1.0\% | 0.7\% | 85.7\% | 86.6\% | 2.2\% | 3.4\% |
| Alaska | 3.2\% | 3.8\% | 3.0\% | 2.9\% | 1.1\% | 1.9\% | 3.7\% | 3.3\% | 0.4\% | 0.2\% | 2.1\% | 2.9\% | 77.5\% | 76.2\% | 9.1\% | 8.8\% |
| Arizona | 0.8\% | 0.9\% | 4.6\% | 4.0\% | 1.8\% | 1.8\% | 3.3\% | 2.1\% | 0.1\% | 0.3\% | 3.2\% | 3.4\% | 81.3\% | 81.9\% | 4.9\% | 5.7\% |
| Arkansas | 0.2\% | 0.2\% | 3.9\% | 3.1\% | 1.5\% | 1.9\% | 1.9\% | 1.7\% | 0.0\% | 0.0\% | 0.7\% | 1.2\% | 87.8\% | 88.6\% | 3.9\% | 3.1\% |
| California | 0.4\% | 0.3\% | 19.9\% | 15.7\% | 3.6\% | 3.5\% | 5.1\% | 4.0\% | 1.1\% | 1.3\% | 8.0\% | 8.7\% | 54.6\% | 57.9\% | 7.3\% | 8.7\% |
| Colorado | 0.3\% | 0.2\% | 2.7\% | 2.1\% | 0.7\% | 0.6\% | 2.6\% | 1.8\% | 0.1\% | 0.1\% | 1.7\% | 1.7\% | 87.8\% | 88.5\% | 4.1\% | 4.9\% |
| Connecticut | 0.1\% | 0.0\% | 4.9\% | 3.7\% | 2.7\% | 2.1\% | 1.8\% | 1.3\% | 0.0\% | 0.0\% | 2.2\% | 2.0\% | 84.9\% | 86.3\% | 3.5\% | 4.6\% |
| Delaware | 0.0\% | 0.0\% | 5.8\% | 6.1\% | 6.3\% | 6.6\% | 2.3\% | 1.2\% | 0.0\% | 0.0\% | 1.3\% | 1.2\% | 80.2\% | 79.8\% | 4.3\% | 5.2\% |
| D.C. | 0.4\% | 0.0\% | 6.6\% | 5.7\% | 9.1\% | 11.9\% | 4.6\% | 4.0\% | 0.0\% | 0.0\% | 0.8\% | 1.8\% | 73.4\% | 71.4\% | 5.0\% | 5.3\% |
| Florida | 0.3\% | 0.3\% | 4.7\% | 4.0\% | 4.4\% | 4.4\% | 3.0\% | 2.1\% | 0.3\% | 0.3\% | 4.1\% | 4.4\% | 78.3\% | 78.6\% | 5.0\% | 5.9\% |
| Georgia | 0.2\% | 0.1\% | 6.4\% | 4.9\% | 10.2\% | 9.7\% | 2.1\% | 1.6\% | 0.1\% | 0.2\% | 1.9\% | 2.4\% | 75.0\% | 76.4\% | 4.2\% | 4.6\% |
| Hawaii | 0.5\% | 1.0\% | 16.2\% | 16.1\% | 2.1\% | 2.1\% | 9.5\% | 8.9\% | 3.1\% | 2.7\% | 2.8\% | 2.7\% | 62.6\% | 62.3\% | 3.1\% | 4.1\% |
| Idaho | 0.2\% | 0.3\% | 1.6\% | 1.5\% | 0.2\% | 0.1\% | 2.1\% | 2.0\% | 0.2\% | 0.2\% | 1.2\% | 1.6\% | 89.6\% | 88.9\% | 5.1\% | 5.5\% |
| Illinois | 0.2\% | 0.2\% | 8.7\% | 7.3\% | 2.4\% | 2.6\% | 1.7\% | 1.2\% | 0.2\% | 0.3\% | 1.7\% | 1.8\% | 81.7\% | 83.2\% | 3.4\% | 3.5\% |
| Indiana | 0.1\% | 0.2\% | 2.2\% | 1.7\% | 1.6\% | 1.6\% | 1.5\% | 1.4\% | 0.0\% | 0.0\% | 1.1\% | 0.9\% | 90.6\% | 90.8\% | 2.9\% | 3.3\% |
| lowa | 0.1\% | 0.1\% | 1.3\% | 1.4\% | 0.6\% | 0.5\% | 0.8\% | 0.8\% | 0.0\% | 0.1\% | 0.6\% | 0.8\% | 93.9\% | 93.2\% | 2.8\% | 3.1\% |
| Kansas | 0.3\% | 0.2\% | 4.2\% | 3.7\% | 1.0\% | 1.1\% | 2.0\% | 1.1\% | 0.1\% | 0.0\% | 1.3\% | 1.1\% | 88.7\% | 89.8\% | 2.4\% | 3.2\% |
| Kentucky | 0.0\% | 0.1\% | 1.2\% | 1.1\% | 1.8\% | 1.9\% | 1.2\% | 0.9\% | 0.0\% | 0.0\% | 0.6\% | 0.5\% | 92.9\% | 93.5\% | 2.4\% | 2.0\% |
| Louisiana | 0.2\% | 0.5\% | 3.3\% | 2.6\% | 4.3\% | 4.3\% | 1.5\% | 1.4\% | 0.1\% | 0.1\% | 1.1\% | 1.3\% | 87.0\% | 86.1\% | 2.5\% | 3.8\% |
| Maine | 0.3\% | 0.4\% | 1.2\% | 1.1\% | 0.7\% | 0.5\% | 0.9\% | 0.7\% | 0.2\% | 0.3\% | 0.5\% | 0.9\% | 92.1\% | 92.1\% | 4.1\% | 4.1\% |
| Maryland | 0.1\% | 0.0\% | 8.1\% | 6.9\% | 12.6\% | 12.8\% | 2.2\% | 2.0\% | 0.3\% | 0.3\% | 2.0\% | 2.1\% | 70.2\% | 70.5\% | 4.4\% | 5.4\% |
| Massachusetts | 0.1\% | 0.1\% | 6.0\% | 4.9\% | 2.0\% | 1.8\% | 1.7\% | 1.6\% | 0.1\% | 0.1\% | 1.6\% | 1.6\% | 84.8\% | 85.6\% | 3.7\% | 4.3\% |
| Michigan | 0.3\% | 0.3\% | 3.2\% | 2.7\% | 1.6\% | 1.5\% | 1.4\% | 1.2\% | 0.2\% | 0.2\% | 2.4\% | 2.0\% | 87.2\% | 88.4\% | 3.8\% | 3.9\% |
| Minnesota | 0.2\% | 0.1\% | 3.2\% | 2.4\% | 1.2\% | 1.0\% | 1.4\% | 0.8\% | 0.1\% | 0.1\% | 0.6\% | 0.8\% | 90.5\% | 91.4\% | 2.9\% | 3.3\% |
| Mississippi | 0.3\% | 0.4\% | 3.9\% | 4.5\% | 4.8\% | 7.6\% | 1.9\% | 1.3\% | 0.0\% | 0.4\% | 1.0\% | 1.8\% | 84.6\% | 78.5\% | 3.5\% | 5.4\% |
| Missouri | 0.3\% | 0.3\% | 3.4\% | 2.0\% | 1.8\% | 1.1\% | 2.1\% | 1.5\% | 0.0\% | 0.1\% | 0.7\% | 0.8\% | 88.8\% | 91.6\% | 3.0\% | 2.6\% |
| Montana | 0.7\% | 1.0\% | 0.7\% | 0.6\% | 0.0\% | 0.2\% | 2.3\% | 1.4\% | 0.1\% | 0.2\% | 0.9\% | 1.3\% | 89.6\% | 90.2\% | 5.7\% | 5.1\% |
| Nebraska | 0.1\% | 0.2\% | 1.6\% | 1.5\% | 0.9\% | 0.8\% | 1.4\% | 1.6\% | 0.1\% | 0.1\% | 0.5\% | 0.6\% | 93.9\% | 93.4\% | 1.6\% | 1.8\% |
| Nevada | 0.3\% | 0.7\% | 12.1\% | 9.1\% | 3.6\% | 4.2\% | 3.7\% | 2.9\% | 1.1\% | 0.7\% | 3.7\% | 4.1\% | 68.3\% | 70.6\% | 7.2\% | 7.6\% |
| New Hampshire | 0.2\% | 0.1\% | 2.6\% | 1.8\% | 0.5\% | 0.7\% | 0.8\% | 1.2\% | 0.2\% | 0.0\% | 1.1\% | 0.9\% | 90.9\% | 90.5\% | 3.7\% | 4.7\% |
| New Jersey | 0.1\% | 0.2\% | 13.6\% | 12.3\% | 4.5\% | 4.4\% | 2.2\% | 1.6\% | 0.3\% | 0.4\% | 3.8\% | 4.4\% | 71.6\% | 71.5\% | 3.9\% | 5.2\% |
| New Mexico | 3.0\% | 3.5\% | 2.9\% | 3.0\% | 1.3\% | 1.6\% | 2.8\% | 2.0\% | 0.4\% | 0.6\% | 5.5\% | 5.5\% | 76.5\% | 74.6\% | 7.6\% | 9.1\% |
| New York | 0.1\% | 0.1\% | 10.3\% | 8.7\% | 5.3\% | 5.7\% | 2.0\% | 1.8\% | 0.2\% | 0.3\% | 3.8\% | 4.0\% | 73.0\% | 73.2\% | 5.3\% | 6.2\% |
| North Carolina | 0.6\% | 0.6\% | 3.3\% | 2.5\% | 4.1\% | 4.2\% | 2.0\% | 1.2\% | 0.1\% | 0.2\% | 1.4\% | 1.5\% | 84.5\% | 85.7\% | 4.0\% | 4.1\% |
| North Dakota | 0.6\% | 0.9\% | 0.9\% | 0.9\% | 0.3\% | 0.6\% | 2.7\% | 1.6\% | 0.0\% | 0.0\% | 0.3\% | 0.6\% | 92.6\% | 92.8\% | 2.7\% | 2.5\% |
| Ohio | 0.1\% | <0.1\% | 2.8\% | 2.2\% | 2.2\% | 1.9\% | 1.7\% | 1.2\% | 0.1\% | 0.2\% | 1.3\% | 1.6\% | 88.9\% | 89.5\% | 3.0\% | 3.3\% |
| Oklahoma | 4.7\% | 4.8\% | 4.6\% | 4.3\% | 1.5\% | 1.5\% | 4.6\% | 4.8\% | 0.1\% | 0.1\% | 1.6\% | 1.4\% | 80.6\% | 80.4\% | 2.3\% | 2.7\% |
| Oregon | 0.4\% | 0.2\% | 5.0\% | 3.7\% | 1.1\% | 0.6\% | 3.0\% | 2.2\% | 0.2\% | 0.2\% | 2.1\% | 2.4\% | 83.1\% | 84.8\% | 5.2\% | 5.8\% |
| Pennsylvania | 0.1\% | <0.1\% | 3.2\% | 2.7\% | 1.4\% | 1.4\% | 1.1\% | 1.0\% | 0.1\% | 0.1\% | 0.8\% | 0.9\% | 90.6\% | 91.0\% | 2.7\% | 2.9\% |
| Rhode Island | 0.0\% | 0.0\% | 1.4\% | 1.9\% | 1.8\% | 1.7\% | 2.2\% | 1.9\% | 0.2\% | 0.3\% | 0.6\% | 0.3\% | 86.1\% | 86.5\% | 7.6\% | 7.4\% |
| South Carolina | 0.2\% | 0.1\% | 2.5\% | 1.6\% | 4.0\% | 3.9\% | 1.3\% | 1.2\% | 0.2\% | 0.2\% | 0.8\% | 1.4\% | 87.5\% | 87.4\% | 3.3\% | 4.2\% |
| South Dakota | 0.8\% | 0.9\% | 1.2\% | 1.1\% | 0.5\% | 0.5\% | 1.0\% | 1.3\% | 0.2\% | 0.0\% | 0.8\% | 0.5\% | 92.5\% | 92.5\% | 3.0\% | 3.1\% |
| Tennessee | 0.2\% | 0.1\% | 2.1\% | 2.1\% | 2.4\% | 2.6\% | 1.8\% | 1.6\% | 0.2\% | 0.1\% | 1.3\% | 1.7\% | 89.0\% | 88.6\% | 3.1\% | 3.3\% |
| Texas | 0.5\% | 0.5\% | 10.7\% | 8.7\% | 5.2\% | 5.5\% | 2.7\% | 2.3\% | 0.3\% | 0.2\% | 4.5\% | 4.8\% | 72.4\% | 73.0\% | 3.7\% | 5.2\% |
| Utah | 0.3\% | 0.4\% | 2.1\% | 1.5\% | 0.3\% | 0.4\% | 2.4\% | 1.3\% | 0.4\% | 0.4\% | 1.7\% | 1.7\% | 87.4\% | 88.5\% | 5.2\% | 5.7\% |
| Vermont | 0.0\% | 0.0\% | 1.6\% | 1.1\% | 0.3\% | 0.6\% | 0.8\% | 0.3\% | 0.0\% | 0.0\% | 1.1\% | 0.3\% | 90.6\% | 90.2\% | 5.6\% | 7.5\% |
| Virginia | 0.2\% | 0.1\% | 6.0\% | 5.0\% | 5.1\% | 5.0\% | 2.4\% | 1.7\% | 0.3\% | 0.2\% | 2.2\% | 2.4\% | 79.3\% | 80.1\% | 4.5\% | 5.5\% |
| Washington | 0.6\% | 0.7\% | 7.0\% | 5.9\% | 1.5\% | 1.4\% | 3.7\% | 2.8\% | 0.4\% | 0.4\% | 2.7\% | 2.4\% | 77.7\% | 79.5\% | 6.4\% | 6.8\% |
| West Virginia | 0.0\% | 0.0\% | 1.4\% | 1.5\% | 0.6\% | 0.8\% | 0.9\% | 0.7\% | 0.2\% | 0.2\% | 0.5\% | 0.7\% | 93.2\% | 92.7\% | 3.2\% | 3.5\% |
| Wisconsin | 0.2\% | 0.3\% | 1.9\% | 1.9\% | 0.8\% | 0.7\% | 1.1\% | 1.0\% | 0.1\% | <0.1\% | 0.8\% | 0.7\% | 92.5\% | 92.0\% | 2.6\% | 3.3\% |
| Wyoming | 0.4\% | 1.3\% | 0.0\% | 0.4\% | 0.4\% | 0.4\% | 1.5\% | 0.9\% | 0.0\% | 0.0\% | 2.3\% | 0.9\% | 88.8\% | 89.1\% | 6.5\% | 7.0\% |

Note: PAs were asked how they classify their race.

|  | Percent speaking a language other than English |  | Most common languages other than English |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2022 | 2018 | 2022 | 2018 |
| United States | 22.3\% | 22.7\% | Spanish, Chinese, Russian | Spanish, Russian, Chinese |
| Alabama | 9.3\% | 10.5\% | Spanish, French, Gujarati | Spanish, Gujarati, French |
| Alaska | 17.6\% | 16.8\% | Spanish, Russian, French | Spanish, German, French |
| Arizona | 26.4\% |  | Spanish, Russian, French | Spanish, French, Russian |
| Arkansas | 11.6\% | 11.3\% | Spanish, German, French | Spanish, French, German |
| California | 51.9\% |  | Spanish, Chinese, Vietnamese | Spanish, Chinese, Vietnamese |
| Colorado | 23.1\% | 25.1\% | Spanish, French, Russian | Spanish, French, Russian |
| Connecticut | 22.5\% | 23.0 | Spanish, Polish, Italian | Spanish, Polish, Italian |
| Delaware | 13.8\% | 16.6\% | Spanish, Hindi, Gujarati | Spanish, Hindi, Chinese |
| D.C. | 24.6\% |  | Spanish, French, Chinese | Spanish, French, Arabic |
| Florida | 31.2\% |  | Spanish, French, Creole | Spanish, French, Creole |
| Georgia | 18.2\% | 17.5\% | Spanish, Hindi, Gujarati | Spanish, French, Gujarati |
| Hawaii | 20.7\% |  | Spanish, Japanese, Chinese | Spanish, Japanese, Chinese |
| Idaho | 23.4\% |  | Spanish, Portuguese, French | Spanish, Portuguese, German |
| Illinois | 23.3\% | 21.6\% | Spanish, Hindi, Polish | Spanish, Hindi, Polish |
| Indiana | 10.4\% |  | Spanish, Arabic, French | Spanish, Arabic, French |
| lowa | 10.4\% | 11.3 | Spanish, French, Vietnamese | Spanish, Chinese, French |
| Kansas | 12.7\% | 13.4\% | Spanish, Vietnamese, Hindi | Spanish, Vietnamese, Hindi |
| Kentucky | 8.7\% |  | Spanish, French, Arabic | Spanish, French, German |
| Louisiana | 9.3\% |  | Spanish, French, Vietnamese | Spanish, French, Vietnamese |
| Maine | 9.2\% | 10.2 | Spanish, French, Chinese | Spanish, French, Chinese |
| Maryland | 21.0\% | 21.0\% | Spanish, French, Hindi | Spanish, French, Chinese |
| Massachusetts | 18.7\% |  | Spanish, Portuguese, Chinese | Spanish, Portuguese, Russian |
| Michigan | 11.4\% | 11.3 | Spanish, Arabic, French | Spanish, Arabic, Chinese |
| Minnesota | 10.3\% | 10.3\% | Spanish, Vietnamese, Chinese | Spanish, Vietnamese, Russian |
| Mississippi | 10.5\% |  | Spanish, Hindi, German | Spanish, German, Hindi |
| Missouri | 10.3\% |  | Spanish, French, Arabic | Spanish, Russian, French |
| Montana | 11.8\% | 11.3\% | Spanish, German, Russian | Spanish, German, Russian |
| Nebraska | 9.5\% |  | Spanish, Vietnamese, Japanese | Spanish, French, Chinese |
| Nevada | 32.8\% | 34.3 | Spanish, Chinese, Tagalog | Spanish, Chinese, Vietnamese |
| New Hampshire | 9.4\% |  | Spanish, French, Chinese | Spanish, French, Chinese |
| New Jersey | 31.2\% | 31.8\% | \% Spanish, Hindi, Gujarati | Spanish, Hindi, Gujarati |
| New Mexico | 34.2\% |  | Spanish, Vietnamese, French | Spanish, Vietnamese, French |
| New York | 29.4\% | $30.9 \%$ | Spanish, Russian, Chinese | Spanish, Russian, Chinese |
| North Carolina | 15.6\% | 16.2\% | Spanish, French, Hindi | Spanish, French, German |
| North Dakota | 2.7\% |  | Spanish, Russian | Spanish, Arabic, French |
| Ohio | 8.4\% | 8.3\% | Spanish, Hindi, Arabic | Spanish, Russian, Arabic |
| Oklahoma | 11.2\% | 11.1\% | Spanish, Vietnamese, German | Spanish, Vietnamese, Chinese |
| Oregon | 22.7\% |  | Spanish, French, Vietnamese | Spanish, French, Russian |
| Pennsylvania | 9.7\% | 10.1\% | Spanish, Russian, French | Spanish, Russian, French |
| Rhode Island | 14.0\% | 14.2\% | Spanish, Portuguese, Italian | Spanish, Portuguese, Arabic |
| South Carolina | 12.1\% | 11.7\% | Spanish, French, Gujarati | Spanish, French, German |
| South Dakota | 6.7\% |  | Spanish, German, French | Spanish, Hindi, Persian |
| Tennessee | 11.7\% | 12.2\% | Spanish, Arabic, Hindi | Spanish, Hindi, Arabic |
| Texas | 36.7\% | 36.9\% | Spanish, Vietnamese, Hindi | Spanish, Vietnamese, Hindi |
| Utah | 31.1\% | 31.5\% | Spanish, Portuguese German | Spanish, Portuguese, German |
| Vermont | 14.7\% | 10.6\% | Spanish, French, Portuguese | Spanish, French, German |
| Virginia | 16.5\% | 17.3\% | Spanish, French, Hindi | Spanish, French, Korean |
| Washington | 24.9\% |  | Spanish, Russian, Chinese | Spanish, Russian, Chinese |
| West Virginia | 3.7\% |  | Spanish, Arabic, Urdu | Spanish, Arabic, Hindi |
| Wisconsin | 10.9\% | 11.9\% | Spanish, Russian, French | Spanish, French, Russian |
| Wyoming | 18.3\% | 16.4\% | Spanish, German, Russian | Spanish, Portuguese, Arabic |

Note: PAs were asked if they communicate with patients in a language other than English, and if so, which languages do they speak.

Speak in a Language Other than English


Postgraduate Program Completion by State

|  | Completed postgraduate program (residency or fellowship) |
| :---: | :---: |
| United States | 5.4\% |
| Alabama | 3.2\% |
| Alaska | 7.2\% |
| Arizona | 6.3\% |
| Arkansas | 3.3\% |
| California | 6.8\% |
| Colorado | 6.4\% |
| Connecticut | 5.3\% |
| Delaware | 7.9\% |
| D.C. | 6.1\% |
| Florida | 6.4\% |
| Georgia | 6.4\% |
| Hawaii | 10.1\% |
| Idaho | 4.2\% |
| Illinois | 4.2\% |
| Indiana | 2.9\% |
| lowa | 5.8\% |
| Kansas | 3.5\% |
| Kentucky | 4.9\% |
| Louisiana | 2.4\% |
| Maine | 3.8\% |
| Maryland | 5.8\% |
| Massachusetts | 3.6\% |
| Michigan | 3.3\% |
| Minnesota | 5.0\% |
| Mississippi | 5.7\% |
| Missouri | 6.8\% |
| Montana | 4.3\% |
| Nebraska | 2.2\% |
| Nevada | 6.5\% |
| New Hampshire | 5.1\% |
| New Jersey | 3.9\% |
| New Mexico | 6.8\% |
| New York | 5.2\% |
| North Carolina | 6.3\% |
| North Dakota | 1.9\% |
| Ohio | 4.4\% |
| Oklahoma | 3.2\% |
| Oregon | 3.8\% |
| Pennsylvania | 4.7\% |
| Rhode Island | 4.9\% |
| South Carolina | 5.1\% |
| South Dakota | 3.9\% |
| Tennessee | 4.9\% |
| Texas | 7.4\% |
| Utah | 5.2\% |
| Vermont | 5.9\% |
| Virginia | 7.1\% |
| Washington | 7.3\% |
| West Virginia | 4.4\% |
| Wisconsin | 4.9\% |
| Wyoming | 6.4\% |

Note: PAs were asked if they completed a PA postgraduate program.

Completed Posgraduate Program by State


|  | <\$60,000 |  | $\begin{aligned} & \$ 60,001- \\ & \$ 80,000 \end{aligned}$ |  | $\begin{aligned} & \$ 80,001- \\ & \$ 100,000 \end{aligned}$ |  | $\begin{aligned} & \$ 100,001- \\ & \$ 120,000 \end{aligned}$ |  | $\begin{aligned} & \$ 120,001- \\ & \$ 140,000 \end{aligned}$ |  | $\begin{aligned} & \$ 140,001- \\ & \$ 160,000 \end{aligned}$ |  | $\begin{aligned} & \$ 160,001- \\ & \$ 180,000 \end{aligned}$ |  | $\begin{aligned} & \$ 180,001- \\ & \$ 200,000 \end{aligned}$ |  | More than$\$ 200,000$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2022 | 2018 | 2022 | 2018 | 2022 | 2018 | 2022 | 2018 | 2022 | 2018 | 2022 | 2018 | 2022 | 2018 | 2022 | 2018 | 2022 | 2018 |
| United States | 4.5\% | 5.4\% | 4.2\% | 6.2\% | 15.7\% | 26.0\% | 30.6\% | 31.4\% | 21.7\% | 16.0\% | 11.3\% | 7.3\% | 5.1\% | 3.4\% | 3.0\% | 1.5\% | 3.9\% | 2.4\% |
| Alabama | 5.0\% | 4.2\% | 4.8\% | 9.7\% | 30.9\% | 35.8\% | 27.4\% | 26.2\% | 15.2\% | 13.7\% | 9.3\% | 5.3\% | 3.2\% | 2.1\% | 1.5\% | 1.7\% | 2.6\% | 1.3\% |
| Alaska | 5.6\% | 5.7\% | 5.4\% | 4.1\% | 9.5\% | 13.9\% | 17.6\% | 26.0\% | 23.0\% | 20.7\% | 15.1\% | 12.5\% | 10.2\% | 5.9\% | 5.6\% | 5.5\% | 7.9\% | 5.7\% |
| Arizona | 4.3\% | 5.0\% | 4.1\% | 4.7\% | 10.9\% | 18.6\% | 29.9\% | 30.7\% | 21.1\% | 18.8\% | 13.5\% | 10.0\% | 6.0\% | 4.6\% | 4.6\% | 3.5\% | 5.8\% | 4.2\% |
| Arkansas | 4.6\% | 4.3\% | 3.9\% | 6.8\% | 25.7\% | 30.7\% | 32.2\% | 29.4\% | 14.3\% | 15.2\% | 9.9\% | 5.9\% | 3.7\% | 2.8\% | 2.1\% | 1.5\% | 3.7\% | .4\% |
| California | 3.8\% | 5.7\% | 3.5\% | 4.7\% | 7.3\% | 13.9\% | 17.6\% | 25.5\% | 22.0\% | 19.8\% | 17.0\% | 12.8\% | 10.2\% | 7.2\% | 8.1\% | 5.1\% | 10.6\% | 5.4\% |
| Colorado | 6.0\% | 8.1\% | 6.1\% | 9.7\% | 17.5\% | 30.6\% | 33.5\% | 31.3\% | 21.0\% | 12.2\% | 8.5\% | 4.5\% | 3.5\% | 1.3\% | 1.7\% | 0.9\% | 2.2\% | .2\% |
| Connecticut | 3.3\% | 4.2\% | 2.7\% | 4.0\% | 6.5\% | 16.1\% | 26.3\% | 34.8\% | 25.4\% | 20.2\% | 16.7\% | 10.8\% | 8.0\% | 4.6\% | 5.3\% | 2.4\% | 5.8\% | 3.0\% |
| Delaware | 3.6\% | 3.6\% | 3.3\% | 5.0\% | 17.6\% | 27.7\% | 30.9\% | 29.1\% | 19.4\% | 17.4\% | 14.5\% | 8.9\% | 4.5\% | 3.9\% | 2.1\% | 1.5\% | 3.9\% | 3.2\% |
| D.C. | 1.0\% | 2.6\% | 2.5\% | 2.6\% | 10.7\% | 24.7\% | 32.5\% | 41.2\% | 30.5\% | 16.0\% | 10.7\% | 8.2\% | 7.1\% | 2.5\% | 3.0\% | 1.5\% | 2.0\% | 0.5\% |
| Florida | 5.0\% | 5.7\% | 4.0\% | 5.5\% | 18.0\% | 27.0\% | 30.7\% | 29.8\% | 19.9\% | 15.8\% | 10.4\% | 7.4\% | 5.0\% | 4.1\% | 2.8\% | 2.0\% | 4.1\% | 2.7\% |
| Georgia | 4.6\% | 5.2\% | 4.4\% | 5.3\% | 17.3\% | 27.9\% | 28.9\% | 28.9\% | 20.4\% | 16.3\% | 11.6\% | 7.1\% | 4.8\% | 3.7\% | 3.2\% | 1.8\% | 4.9\% | 3.7\% |
| Hawaii | 4.7\% | 5.6\% | 4.1\% | 6.7\% | 12.9\% | 20.5\% | 27.1\% | 25.0\% | 27.4\% | 20.5\% | 10.1\% | 9.3\% | 6.0\% | 6.7\% | 3.8\% | 2.2\% | 3.8\% | 3.4\% |
| Idaho | 4.8\% | 5.9\% | 3.9\% | 5.8\% | 14.9\% | 27.2\% | 28.8\% | 32.8\% | 23.3\% | 14.8\% | 11.8\% | 6.4\% | 5.0\% | 3.5\% | 3.1\% | 1.1\% | 4.3\% | 2.4\% |
| Illinois | 4.4\% | 4.9\% | 3.8\% | 6.1\% | 16.1\% | 28.8\% | 36.2\% | 35.3\% | 22.3\% | 13.7\% | 9.4\% | 6.2\% | 3.6\% | 2.2\% | 2.0\% | 1.3\% | 2.3\% | 1.8\% |
| Indiana | 4.9\% | 5.6\% | 4.4\% | 6.1\% | 14.5\% | 27.1\% | 41.5\% | 38.8\% | 21.1\% | 13.1\% | 7.7\% | 4.7\% | 3.0\% | 2.4\% | 1.3\% | 1.0\% | 1.7\% | 1.2\% |
| lowa | 4.8\% | 6.3\% | 3.8\% | 6.0\% | 16.2\% | 24.9\% | 30.6\% | 33.6\% | 22.2\% | 16.1\% | 10.3\% | 6.4\% | 4.9\% | 3.0\% | 3.1\% | 1.6\% | 4.1\% | 2.2\% |
| Kansas | 6.1\% | 6.2\% | 6.4\% | 10.4\% | 20.2\% | 32.6\% | 30.2\% | 28.1\% | 19.5\% | 11.3\% | 8.0\% | 5.1\% | 3.5\% | 2.0\% | 2.5\% | 1.6\% | 3.6\% | 2.8\% |
| Kentucky | 6.1\% | 6.4\% | 5.0\% | 9.1\% | 24.7\% | 34.5\% | 32.8\% | 27.8\% | 17.4\% | 12.7\% | 7.7\% | 4.8\% | 2.9\% | 1.4\% | 1.1\% | 1.0\% | 2.2\% | 2.3\% |
| Louisiana | 2.6\% | 2.9\% | 4.4\% | 7.1\% | 20.1\% | 35.7\% | 33.0\% | 27.5\% | 20.8\% | 13.3\% | 8.9\% | 6.5\% | 5.2\% | 2.8\% | 2.3\% | 2.7\% | 2.8\% | 1.5\% |
| Maine | 5.9\% | 6.0\% | 4.6\% | 7.5\% | 12.7\% | 25.5\% | 33.9\% | 37.3\% | 24.7\% | 14.5\% | 11.4\% | 6.0\% | 3.0\% | 1.6\% | 1.7\% | 0.5\% | 2.0\% | 1.2\% |
| Maryland | 4.5\% | 5.2\% | 4.0\% | 5.6\% | 13.7\% | 23.7\% | 29.2\% | 32.4\% | 24.0\% | 18.1\% | 12.5\% | 7.9\% | 6.0\% | 3.9\% | 2.7\% | 1.7\% | 3.3\% | 1.5\% |
| Massachus | 3.3\% | 5.1\% | 3.0\% | 4.4\% | 12.5\% | 23.9 | 30.5\% | 32.9\% | 26.0\% | 18.2\% | 12.7\% | 7.8\% | 5.7\% | 3.7\% | 3.2\% | 2.0\% | 3.1\% | 2.0\% |
| Michigan | 5.2\% | 6.7\% | 5.6\% | 6.5\% | 20.2\% | 29.9\% | 36.5\% | 35.8\% | 18.8\% | 11.8\% | 7.7\% | 4.8\% | 2.9\% | 2.1\% | 1.2\% | 1.0\% | 1.9\% | 1.4\% |
| Minnesota | 3.2\% | 3.6\% | 3.4\% | 4.3\% | 11.9\% | 20.5\% | 33.7\% | 40.4\% | 27.8\% | 19.5\% | 11.0\% | 7.0\% | 4.5\% | 1.9\% | 2.3\% | 1.4\% | 2.3\% | 1.5\% |
| Mississippi | 4.0\% | 5.3\% | 3.2\% | 4.1\% | 25.8\% | 31.8\% | 29.0\% | 28.8\% | 17.5\% | 15.3\% | 10.3\% | 7.1\% | 5.2\% | 4.2\% | 1.6\% | 0.6\% | 3.6\% | 2.9\% |
| Missouri | 5.0\% | 6.8\% | 4.3\% | 5.4\% | 19.8\% | 33.6\% | 33.5\% | 28.4\% | 21.0\% | 14.5\% | 9.9\% | 6.7\% | 2.9\% | 2.0\% | 1.7\% | 1.2\% | 1.9\% | 1.5\% |
| Montana | 4.9\% | 7.3\% | 4.9\% | 7.7\% | 14.3\% | 28.9\% | 32.2\% | 33.3\% | 27.1\% | 13.1\% | 9.1\% | 5.9\% | 3.5\% | 1.5\% | 1.4\% | 1.1\% | 2.5\% | 1.1\% |
| Nebraska | 4.3\% | 6.8\% | 6.3\% | 8.0\% | 23.3\% | 34.7 | 30.7\% | 29.0\% | 17.2\% | 10.6\% | 9.7\% | 5.7\% | 3.9\% | 1.9\% | 1.9\% | 1.0\% | 2.7\% | 2.2\% |
| Nevada | 2.5\% | 4.0\% | 3.6\% | 3.2\% | 7.9\% | 16.2\% | 24.2\% | 26.1 | 23.6\% | 23.2\% | 16.1\% | 11.0\% | 7.2\% | 7.2\% | 6.7\% | 3.5\% | 8.2\% | 5.6\% |
| New Hampshire | 3.7\% | 5.5\% | 3.4\% | 3.9\% | 14.9\% | 27.1\% | 35.1\% | 35.4\% | 25.9\% | 16.9\% | 8.5\% | 6.3\% | 3.5\% | 2.0\% | 2.3\% | 1.7\% | 2.7\% | 1.3\% |
| New Jersey | 3.8\% | 5.2\% | 2.9\% | 4.7\% | 9.7\% | 20.1\% | 25.6\% | 31.7\% | 25.1\% | 18.3\% | 15.5\% | 9.0\% | 6.9\% | 5.1\% | 4.8\% | 2.0\% | 5.7\% | \% |
| New Mexico | 4.7\% | 5.2\% | 6.3\% | 6.4\% | 15.5\% | 24.1\% | 32.6\% | 34.8\% | 21.5\% | 17.8\% | 9.2\% | 6.7\% | 4.2\% | 2.3\% | 2.4\% | 1.5\% | 3.6\% | 1.2\% |
| New York | 3.7\% | 4.9\% | 3.4\% | 5.3\% | 12.3\% | 24.6\% | 27.3\% | 30.6\% | 23.1\% | 17.6\% | 14.4\% | 8.1\% | 6.5\% | 3.8\% | 4.0\% | 2.2\% | 5.2\% | 3.1\% |
| North Carolina | 4.5\% | 5.3\% | 4.3\% | 6.7\% | 18.7\% | 30.4\% | 33.8\% | 31.6\% | 21.2\% | 15.6\% | 10.5\% | 5.2\% | 3.0\% | 2.4\% | 1.8\% | 1.5\% | 2.2\% | 1.4\% |
| North Dakota | 6.0\% | 7.0\% | 6.4\% | 7.8\% | 12.8\% | 25.2\% | 33.0\% | 38.5\% | 24.8\% | 10.7\% | 8.5\% | 4.8\% | 4.3\% | 3.3\% | 2.1\% | 1.1\% | 2.1\% | 1.5\% |
| Ohio | 4.3\% | 5.7\% | 4.2\% | 6.0\% | 22.0\% | 32.0\% | 37.7\% | 34.7\% | 18.3\% | 12.2\% | 7.0\% | 5.1\% | 3.9\% | 1.9\% | 1.2\% | 1.2\% | 1.4\% | 1.3\% |
| Oklahom | 5.8\% | 5.8\% | 3.1\% | 4.6\% | 13.4\% | 22.8 | 29.1\% | 29.3\% | 22.6\% | 18.6\% | 11.8\% | 8.4\% | 5.8\% | 4.0\% | 3.2\% | 2.5\% | 5.3\% | 4.2\% |
| Oregon | 3.1\% | 4.0\% | 3.5\% | 4.7\% | 8.4\% | 19.1 | 26.8\% | 36.7\% | 29.2\% | 19.9\% | 16.1\% | 9.4\% | 6.7\% | 3.1\% | 3.5\% | 1.5\% | 2.7\% | 1.6\% |
| Pennsylvania | 4.4\% | 5.7\% | 5.5\% | 12.0\% | 24.3\% | 36.5\% | 35.7\% | 29.2\% | 18.5\% | 9.9\% | 6.5\% | 3.8\% | 2.4\% | 1.4\% | 1.2\% | 0.8\% | 1.5\% | 0.7\% |
| Rhode Island | 2.3\% | 2.6\% | 1.8\% | 3.6\% | 12.2\% | 22.9\% | 33.3\% | 30.5\% | 25.8\% | 18.5\% | 12.2\% | 11.6\% | 6.0\% | 4.3\% | 2.3\% | 1.8\% | 3.9\% | 4.0\% |
| South Carolina | 5.6\% | 6.1\% | 3.8\% | 5.8\% | 21.5\% | 31.9\% | 34.2\% | 30.5\% | 18.1\% | 12.6\% | 7.8\% | 6.8\% | 4.2\% | 3.0\% | 1.6\% | 1.6\% | 3.2\% | 1.8\% |
| South Dakota | 4.6\% | 4.9\% | 3.6\% | 7.0\% | 14.8\% | 33.1\% | 34.1\% | 34.0\% | 25.1\% | 10.3\% | 9.0\% | 5.3\% | 3.6\% | 2.1\% | 1.5\% | 0.8\% | 3.6\% | 2.5\% |
| Tennessee | 7.2\% | 7.1\% | 6.0\% | 7.6\% | 22.8\% | 31.8\% | 30.3\% | 27.3\% | 16.8\% | 13.7\% | 8.0\% | 7.2\% | 3.2\% | 2.2\% | 2.2\% | 1.2\% | 3.4\% | 1.8\% |
| Texas | 4.4\% | 5.1\% | 3.9\% | 4.5\% | 13.0\% | 21.9\% | 31.3\% | 33.1\% | 22.9\% | 19.2\% | 12.1\% | 7.4\% | 5.5\% | 3.6\% | 2.9\% | 2.2\% | 4.0\% | 3.1\% |
| Utah | 5.6\% | 7.6\% | 3.7\% | 5.2\% | 17.1\% | 28.6\% | 28.6\% | 29.2\% | 21.6\% | 14.8\% | 10.7\% | 7.1\% | 5.7\% | 2.9\% | 3.3\% | 2.2\% | 3.7\% | 2.6\% |
| Vermont | 5.6\% | 5.0\% | 6.5\% | 12.5\% | 16.5\% | 25.4\% | 31.4\% | 36.0\% | 24.2\% | 13.5\% | 9.6\% | 4.6\% | 4.0\% | 1.7\% | 0.9\% | 0.3\% | 1.2\% | 1.0\% |
| Virginia | 5.2\% | 5.4\% | 4.0\% | 6.2\% | 16.0\% | 27.7\% | 32.1\% | 31.1\% | 21.2\% | 16.7\% | 10.9\% | 7.1\% | 5.2\% | 2.9\% | 2.6\% | 1.4\% | 2.8\% | 1.5\% |
| Washington | 3.3\% | 3.7\% | 3.6\% | 5.1\% | 8.1\% | 15.7\% | 22.9\% | 31.3\% | 27.8\% | 21.5\% | 17.6\% | 12.7\% | 8.2\% | 5.4\% | 4.1\% | 2.3\% | 4.4\% | 2.3\% |
| West Virginia | 3.2\% | 4.6\% | 5.1\% | 7.6\% | 24.3\% | 35.4\% | 34.4\% | 30.2\% | 18.6\% | 12.3\% | 8.1\% | 5.6\% | 2.0\% | 1.8\% | 1.7\% | 1.2\% | 2.6\% | 1.5\% |
| Wisconsin | 4.5\% | 5.0\% | 4.6\% | 6.8\% | 16.2\% | 30.4\% | 38.9 \% | 35.0\% | 21.8\% | 14.1\% | 8.5\% | 5.1\% | 2.3\% | 2.0\% | 1.6\% | 0.7\% | 1.5\% | 0.9\% |
| Wyoming | 4.6\% | 8.2\% | 7.1\% | 4.9\% | 15.0\% | 24.3\% | 26.3\% | 33.0\% | 23.8\% | 15.5\% | 13.3\% | 10.2\% | 2.9\% | 1.0\% | 2.9\% | 2.5\% | 4.2\% | 0.5\% |

[^0]Percent of PAs with an Income over $\mathbf{\$ 1 2 0 , 0 0 0}$ by State


Income Mean and Median by State

|  | Mean |  | Median |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2022 | 2018 | 2022 | 2018 |
| United States | \$120,204 | \$110,599 | \$115,000 | \$105,000 |
| Alabama | \$111,005 | \$104,633 | \$105,000 | \$105,000 |
| Alaska | \$130,934 | \$124,431 | \$125,000 | \$125,000 |
| Arizona | \$125,736 | \$118,251 | \$125,000 | \$115,000 |
| Arkansas | \$114,149 | \$110,139 | \$105,000 | \$105,000 |
| California | \$138,422 | \$124,189 | \$135,000 | \$125,000 |
| Colorado | \$113,072 | \$101,250 | \$115,000 | \$105,000 |
| Connecticut | \$131,878 | \$118,311 | \$125,000 | \$115,000 |
| Delaware | \$120,455 | \$113,617 | \$115,000 | \$105,000 |
| D.C. | \$125,000 | \$111,701 | \$125,000 | \$105,000 |
| Florida | \$118,671 | \$111,125 | \$115,000 | \$105,000 |
| Georgia | \$120,471 | \$111,987 | \$115,000 | \$105,000 |
| Hawaii | \$122,760 | \$116,194 | \$125,000 | \$115,000 |
| Idaho | \$120,959 | \$109,476 | \$115,000 | \$105,000 |
| Illinois | \$116,493 | \$107,543 | \$115,000 | \$105,000 |
| Indiana | \$113,430 | \$106,384 | \$115,000 | \$105,000 |
| lowa | \$119,665 | \$109,631 | \$115,000 | \$105,000 |
| Kansas | \$114,071 | \$104,609 | \$115,000 | \$105,000 |
| Kentucky | \$110,371 | \$103,210 | \$105,000 | \$100,000 |
| Louisiana | \$117,752 | \$108,452 | \$115,000 | \$105,000 |
| Maine | \$116,038 | \$105,630 | \$115,000 | \$105,000 |
| Maryland | \$121,329 | \$111,490 | \$115,000 | \$105,000 |
| Massachusetts | \$123,301 | \$112,425 | \$125,000 | \$105,000 |
| Michigan | \$111,632 | \$104,559 | \$105,000 | \$105,000 |
| Minnesota | \$120,687 | \$112,029 | \$115,000 | \$105,000 |
| Mississippi | \$115,992 | \$109,882 | \$115,000 | \$105,000 |
| Missouri | \$113,847 | \$105,454 | \$115,000 | \$105,000 |
| Montana | \$116,263 | \$103,840 | \$115,000 | \$105,000 |
| Nebraska | \$113,787 | \$103,758 | \$115,000 | \$105,000 |
| Nevada | \$133,678 | \$124,501 | \$125,000 | \$125,000 |
| New Hampshire | \$118,274 | \$108,975 | \$115,000 | \$105,000 |
| New Jersey | \$129,018 | \$116,106 | \$125,000 | \$115,000 |
| New Mexico | \$117,150 | \$109,137 | \$115,000 | \$105,000 |
| New York | \$126,090 | \$113,419 | \$125,000 | \$105,000 |
| North Carolina | \$115,286 | \$106,669 | \$115,000 | \$105,000 |
| North Dakota | \$115,816 | \$105,333 | \$115,000 | \$105,000 |
| Ohio | \$112,054 | \$105,037 | \$105,000 | \$105,000 |
| Oklahoma | \$122,515 | \$115,496 | \$115,000 | \$115,000 |
| Oregon | \$126,283 | \$113,891 | \$125,000 | \$115,000 |
| Pennsylvania | \$110,019 | \$99,736 | \$105,000 | \$95,000 |
| Rhode Island | \$124,583 | \$118,455 | \$125,000 | \$115,000 |
| South Carolina | \$113,938 | \$107,206 | \$115,000 | \$105,000 |
| South Dakota | \$117,586 | \$105,338 | \$115,000 | \$105,000 |
| Tennessee | \$111,673 | \$105,285 | \$105,000 | \$105,000 |
| Texas | \$121,608 | \$113,947 | \$115,000 | \$105,000 |
| Utah | \$119,488 | \$108,770 | \$115,000 | \$105,000 |
| Vermont | \$113,230 | \$103,152 | \$115,000 | \$105,000 |
| Virginia | \$118,053 | \$108,929 | \$115,000 | \$105,000 |
| Washington | \$129,613 | \$118,891 | \$125,000 | \$115,000 |
| West Virginia | \$113,030 | \$104,529 | \$105,000 | \$105,000 |
| Wisconsin | \$113,497 | \$105,326 | \$115,000 | \$105,000 |
| Wyoming | \$119,000 | \$107,816 | \$115,000 | \$105,000 |

Note: PAs were asked to estimate their total income in the last calendar year from all PA positions combined. Midpoints of income ranges were used to calculate mean and median.

Mean Income by State


Top Principal Practice Areas by State

|  | Surgical subspecialites |  | Family medicine/ general practice |  | Emergency medicine |  | Internal medicinesubspecialties |  | Internal medicinegeneral |  | Primary care* |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2022 | 2018 | 2022 | 2018 | 2022 | 2018 | 2022 | 2018 | 2022 | 2018 | 2022 | 2018 |
| United States | 18.6\% | 18.5\% | 17.1\% | 19.1\% | 11.2\% | 13.0\% | 9.9\% | 9.4\% | 4.1\% | 4.7\% | 23.0\% | 25.8\% |
| Alabama | 28.8\% | 28.4\% | 14.9\% | 15.7\% | 9.9\% | 12.6\% | 8.9\% | 7.0\% | 3.4\% | 4.4\% | 19.6\% | 21.7\% |
| Alaska | 16.3\% | 15.9\% | 40.0\% | 46.3\% | 10.4\% | 9.5\% | 6.0\% | 4.0\% | 2.2\% | 2.9\% | 43.8\% | 50.4\% |
| Arizona | 16.3\% | 15.7\% | 17.9\% | 22.0\% | 13.0\% | 14.2\% | 8.3\% | 7.8\% | 4.1\% | 4.7\% | 24.4\% | 29.0\% |
| Arkansas | 17.5\% | 20.1\% | 23.9\% | 30.7\% | 9.4\% | 12.1\% | 8.3\% | 6.8\% | 0.9\% | 1.9\% | 25.5\% | 33.1\% |
| California | 17.3\% | 17.6\% | 23.0\% | 25.2\% | 13.3\% | 15.4\% | 7.4\% | 6.7\% | 4.1\% | 4.4\% | 28.6\% | 31.1\% |
| Colorado | 18.8\% | 18.0\% | 21.7\% | 25.4\% | 10.0\% | 11.0\% | 8.6\% | 8.3\% | 3.0\% | 3.9\% | 29.0\% | 34.9\% |
| Connecticut | 23.0\% | 22.5\% | 5.3\% | 6.3\% | 11.4\% | 13.8\% | 9.3\% | 9.1\% | 6.1\% | 6.7\% | 14.0\% | 15.6\% |
| Delaware | 19.8\% | 17.7\% | 11.1\% | 12.9\% | 11.7\% | 16.7\% | 10.2\% | 8.8\% | 2.1\% | 4.1\% | 15.3\% | 18.7\% |
| D.C. | 16.2\% | 13.0\% | 14.2\% | 11.4\% | 9.8\% | 14.0\% | 6.4\% | 5.7\% | 7.4\% | 7.8\% | 22.5\% | 21.2\% |
| Florida | 18.9\% | 18.6\% | 12.1\% | 13.3\% | 11.9\% | 15.0\% | 11.4\% | 10.0\% | 4.9\% | 6.1\% | 18.8\% | 21.1\% |
| Georgia | 17.8\% | 16.9\% | 14.2\% | 16.0\% | 11.7\% | 12.3\% | 13.0\% | 13.3\% | 4.4\% | 4.7\% | 20.1\% | 22.8\% |
| Hawaii | 18.4\% | 15.3\% | 28.8\% | 31.3\% | 9.8\% | 14.5\% | 7.1\% | 6.9\% | 2.8\% | 3.1\% | 32.8\% | 34.7\% |
| Idaho | 13.8\% | 14.0\% | 27.4\% | 31.2\% | 7.5\% | 7.6\% | 8.5\% | 8.1\% | 3.5\% | 3.9\% | 33.2\% | 37.1\% |
| Illinois | 23.0\% | 21.9\% | 16.0\% | 17.0\% | 10.4\% | 12.9\% | 8.8\% | 9.4\% | 4.7\% | 5.9\% | 21.6\% | 24.2\% |
| Indiana | 23.2\% | 24.4\% | 13.6\% | 15.5\% | 13.5\% | 17.6\% | 8.4\% | 6.9\% | 2.4\% | 1.7\% | 16.8\% | 17.9\% |
| lowa | 15.6\% | 14.5\% | 30.5\% | 35.8\% | 10.4\% | 13.0\% | 7.8\% | 6.4\% | 2.4\% | 3.0\% | 33.4\% | 39.2\% |
| Kansas | 18.1\% | 17.5\% | 29.7\% | 32.6\% | 10.6\% | 14.0\% | 9.0\% | 8.3\% | 2.1\% | 1.8\% | 32.9\% | 35.7\% |
| Kentucky | 17.3\% | 15.9\% | 17.5\% | 20.4\% | 12.7\% | 15.3\% | 9.8\% | 9.0\% | 3.9\% | 4.6\% | 23.8\% | 27.9\% |
| Louisiana | 24.0\% | 21.9\% | 11.7\% | 14.0\% | 12.2\% | 15.9\% | 8.8\% | 8.8\% | 2.1\% | 2.4\% | 14.8\% | 17.7\% |
| Maine | 21.0\% | 18.9\% | 16.9\% | 19.5\% | 12.7\% | 14.9\% | 9.6\% | 9.0\% | 3.4\% | 3.1\% | 22.1\% | 24.8\% |
| Maryland | 18.9\% | 19.2\% | 9.5\% | 10.9\% | 12.3\% | 15.5\% | 8.1\% | 6.9\% | 4.8\% | 4.8\% | 15.5\% | 17.3\% |
| Massachusetts | 22.2\% | 23.6\% | 7.8\% | 7.9\% | 12.9\% | 15.1\% | 9.9\% | 9.8\% | 7.2\% | 8.3\% | 16.0\% | 17.8\% |
| Michigan | 15.8\% | 15.5\% | 16.8\% | 18.7\% | 9.0\% | 11.4\% | 11.3\% | 11.2\% | 4.8\% | 5.3\% | 23.0\% | 25.6\% |
| Minnesota | 20.1\% | 19.7\% | 22.5\% | 26.2\% | 9.8\% | 9.4\% | 11.1\% | 10.8\% | 2.3\% | 2.4\% | 25.1\% | 29.1\% |
| Mississippi | 24.9\% | 24.9\% | 14.2\% | 17.3\% | 12.3\% | 12.7\% | 8.7\% | 7.5\% | 4.0\% | 5.8\% | 19.0\% | 23.7\% |
| Missouri | 24.4\% | 25.4\% | 16.0\% | 17.1\% | 12.2\% | 13.4\% | 7.9\% | 7.6\% | 3.6\% | 3.3\% | 20.5\% | 21.5\% |
| Montana | 20.0\% | 18.3\% | 29.7\% | 30.6\% | 11.5\% | 11.9\% | 8.5\% | 9.3\% | 1.5\% | 2.8\% | 31.6\% | 33.8\% |
| Nebraska | 17.3\% | 16.0\% | 29.8\% | 33.1\% | 6.2\% | 8.9\% | 9.9\% | 8.9\% | 3.2\% | 3.8\% | 35.5\% | 39.9\% |
| Nevada | 11.9\% | 11.8\% | 22.5\% | 21.7\% | 12.3\% | 17.1\% | 7.6\% | 6.6\% | 4.8\% | 5.8\% | 29.2\% | 30.4\% |
| New Hampshire | 22.1\% | 19.3\% | 13.5\% | 18.0\% | 13.9\% | 14.2\% | 9.2\% | 8.2\% | 5.6\% | 5.9\% | 19.8\% | 24.9\% |
| New Jersey | 24.4\% | 24.6\% | 7.9\% | 9.2\% | 14.0\% | 16.2\% | 9.1\% | 9.4\% | 4.4\% | 4.5\% | 14.6\% | 16.0\% |
| New Mexico | 12.9\% | 11.8\% | 27.7\% | 32.1\% | 10.9\% | 10.4\% | 7.9\% | 6.9\% | 2.7\% | 3.5\% | 32.8\% | 39.0\% |
| New York | 19.3\% | 20.1\% | 8.5\% | 9.4\% | 11.9\% | 13.3\% | 11.0\% | 10.7\% | 5.6\% | 6.4\% | 15.7\% | 17.5\% |
| North Carolina | 14.6\% | 14.6\% | 18.8\% | 21.4\% | 10.0\% | 11.3\% | 11.8\% | 11.7\% | 4.4\% | 5.1\% | 25.6\% | 28.9\% |
| North Dakota | 17.8\% | 14.4\% | 37.3\% | 42.1\% | 4.1\% | 5.9\% | 7.2\% | 7.4\% | 5.1\% | 5.5\% | 43.2\% | 47.6\% |
| Ohio | 22.6\% | 21.4\% | 9.6\% | 10.1\% | 16.3\% | 21.7\% | 10.1\% | 9.5\% | 3.0\% | 3.8\% | 13.4\% | 14.7\% |
| Oklahoma | 14.7\% | 14.5\% | 23.9\% | 26.6\% | 11.1\% | 11.4\% | 8.9\% | 8.9\% | 1.9\% | 2.6\% | 27.2\% | 31.0\% |
| Oregon | 19.8\% | 20.9\% | 25.5\% | 27.2\% | 7.1\% | 7.8\% | 11.8\% | 10.8\% | 5.0\% | 4.2\% | 32.1\% | 33.0\% |
| Pennsylvania | 18.8\% | 19.4\% | 12.8\% | 13.9\% | 9.2\% | 10.6\% | 11.5\% | 11.4\% | 3.7\% | 4.2\% | 19.0\% | 20.8\% |
| Rhode Island | 21.3\% | 17.6\% | 9.0\% | 6.9\% | 13.4\% | 20.3\% | 8.6\% | 9.0\% | 7.6\% | 6.9\% | 17.6\% | 14.8\% |
| South Carolina | 18.3\% | 20.6\% | 16.9\% | 17.0\% | 11.4\% | 14.5\% | 10.6\% | 10.6\% | 3.6\% | 4.6\% | 22.4\% | 23.0\% |
| South Dakota | 22.1\% | 19.9\% | 33.8\% | 37.0\% | 6.3\% | 7.7\% | 4.6\% | 4.8\% | 4.0\% | 4.4\% | 38.8\% | 42.5\% |
| Tennessee | 18.2\% | 17.1\% | 23.2\% | 25.5\% | 11.7\% | 14.1\% | 7.2\% | 7.3\% | 2.9\% | 3.5\% | 27.2\% | 30.8\% |
| Texas | 16.7\% | 16.0\% | 22.6\% | 25.9\% | 8.4\% | 9.3\% | 9.9\% | 9.8\% | 4.2\% | 4.5\% | 30.1\% | 34.1\% |
| Utah | 15.4\% | 16.7\% | 24.5\% | 26.1\% | 6.3\% | 6.2\% | 10.6\% | 9.4\% | 3.3\% | 3.2\% | 29.9\% | 32.1\% |
| Vermont | 16.7\% | 17.4\% | 20.4\% | 25.8\% | 16.4\% | 16.1\% | 5.8\% | 4.7\% | 6.1\% | 5.2\% | 28.3\% | 33.2\% |
| Virginia | 17.9\% | 19.9\% | 15.9\% | 17.4\% | 13.4\% | 15.8\% | 10.1\% | 9.7\% | 4.7\% | 4.6\% | 21.6\% | 23.1\% |
| Washington | 18.2\% | 19.9\% | 25.0\% | 27.1\% | 11.0\% | 10.9\% | 8.5\% | 8.1\% | 2.8\% | 3.3\% | 28.6\% | 31.4\% |
| West Virginia | 11.5\% | 9.4\% | 26.2\% | 29.2\% | 10.4\% | 11.6\% | 8.5\% | 6.9\% | 2.5\% | 2.8\% | 31.3\% | 34.8\% |
| Wisconsin | 20.0\% | 19.6\% | 18.2\% | 21.3\% | 13.8\% | 16.0\% | 12.2\% | 11.3\% | 2.4\% | 3.1\% | 21.3\% | 25.1\% |
| Wyoming | 18.5\% | 17.1\% | 33.2\% | 38.0\% | 13.8\% | 9.3\% | 4.7\% | 4.9\% | 6.0\% | 5.4\% | 40.9\% | 44.9\% |

*Primary care includes: Family medicine/General practice, Internal medicine-general and Pediatrics-general

Primary Care* by State


[^1]Top Principal Practice Settings by State

|  | Hospital |  | Office-based private practice |  | Federal government |  | Urgent care |  | Community health center |  | Behavioral/ mental health facility* |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2022 | 2018 | 2022 | 2018 | 2022 | 2018 | 2022 | 2018 | 2022 | 2018 | 2022 | 2018 |
| United States | 41.7\% | 40.6\% | 37.1\% | 39.6\% | 4.7\% | 5.3\% | 5.6\% | 4.1\% | 2.8\% | 3.1\% | 0.6\% | 0.5\% |
| Alabama | 35.0\% | 32.4\% | 45.0\% | 49.6\% | 7.3\% | 6.6\% | 5.2\% | 4.1\% | 1.8\% | 1.5\% | 0.4\% | 0.3\% |
| Alaska | 9.8\% | 7.7\% | 38.8\% | 37.4\% | 28.1\% | 31.5\% | 4.8\% | 3.1\% | 6.0\% | 9.0\% | 0.8\% | 0.9\% |
| Arizona | 28.2\% | 27.0\% | 49.6\% | 51.8\% | 5.8\% | 6.5\% | 6.1\% | 6.3\% | 2.5\% | 2.4\% | 1.4\% | 1.0\% |
| Arkansas | 33.1\% | 28.5\% | 42.5\% | 51.1\% | 7.8\% | 7.4\% | 4.1\% | 4.0\% | 1.6\% | 1.5\% | 0.2\% | 0.3\% |
| California | 31.6\% | 31.5\% | 41.7\% | 43.9\% | 3.6\% | 4.3\% | 6.1\% | 4.4\% | 7.6\% | 7.8\% | 0.4\% | 0.3\% |
| Colorado | 33.1\% | 30.1\% | 43.5\% | 46.9\% | 4.0\% | 5.1\% | 5.1\% | 3.5\% | 4.9\% | 6.8\% | 0.8\% | 0.5\% |
| Connecticut | 57.9\% | 56.4\% | 28.5\% | 32.1\% | 1.4\% | 1.5\% | 5.4\% | 3.9\% | 2.1\% | 2.2\% | 0.2\% | 0.3\% |
| Delaware | 46.7\% | 48.3\% | 37.3\% | 35.4\% | 1.8\% | 3.7\% | 8.4\% | 5.8\% | 0.9\% | 2.0\% | 0.3\% | 0.3\% |
| D.C. | 53.7\% | 55.7\% | 26.1\% | 23.4\% | 8.9\% | 7.8\% | 3.0\% | 2.6\% | 4.9\% | 8.9\% | 0.0\% | 0.0\% |
| Florida | 35.2\% | 35.6\% | 47.4\% | 49.2\% | 5.2\% | 5.7\% | 5.3\% | 3.3\% | 1.0\% | 1.1\% | 0.5\% | 0.4\% |
| Georgia | 37.4\% | 35.3\% | 45.4\% | 48.0\% | 6.0\% | 7.2\% | 4.6\% | 3.2\% | 1.2\% | 1.6\% | 0.5\% | 0.7\% |
| Hawaii | 23.0\% | 23.3\% | 39.9\% | 38.5\% | 19.3\% | 24.8\% | 5.8\% | 4.2\% | 4.3\% | 6.1\% | 0.0\% | 0.0\% |
| Idaho | 28.5\% | 28.2\% | 41.3\% | 41.0\% | 6.0\% | 6.9\% | 9.4\% | 5.7\% | 5.0\% | 7.0\% | 1.7\% | 2.1\% |
| Illinois | 39.1\% | 38.0\% | 38.7\% | 41.1\% | 3.7\% | 3.8\% | 5.6\% | 4.4\% | 5.2\% | 4.5\% | 0.3\% | 0.2\% |
| Indiana | 49.3\% | 46.7\% | 35.0\% | 39.5\% | 1.6\% | 1.6\% | 6.2\% | 5.2\% | 1.4\% | 1.7\% | 0.5\% | 0.3\% |
| lowa | 32.1\% | 29.9\% | 40.3\% | 42.2\% | 4.2\% | 4.2\% | 6.2\% | 4.8\% | 1.7\% | 2.3\% | 1.6\% | 1.3\% |
| Kansas | 35.9\% | 32.0\% | 37.0\% | 38.8\% | 6.2\% | 7.8\% | 4.3\% | 3.1\% | 3.1\% | 3.5\% | 0.7\% | 0.6\% |
| Kentucky | 43.9\% | 40.0\% | 36.7\% | 40.8\% | 5.0\% | 5.3\% | 3.0\% | 2.9\% | 1.9\% | 1.6\% | 0.9\% | 0.5\% |
| Louisiana | 37.0\% | 38.0\% | 40.1\% | 41.5\% | 5.0\% | 5.3\% | 11.0\% | 6.1\% | 0.8\% | 1.2\% | 0.3\% | 0.2\% |
| Maine | 56.5\% | 57.4\% | 17.8\% | 19.5\% | 4.1\% | 5.3\% | 6.9\% | 3.2\% | 4.0\% | 5.0\% | 0.4\% | 1.0\% |
| Maryland | 51.5\% | 53.1\% | 28.1\% | 28.7\% | 5.5\% | 6.2\% | 7.0\% | 5.9\% | 1.2\% | 1.3\% | 0.5\% | 0.6\% |
| Massachusetts | 57.9\% | 57.0\% | 26.5\% | 29.2\% | 2.3\% | 2.5\% | 5.4\% | 3.3\% | 2.9\% | 3.1\% | 0.7\% | 0.7\% |
| Michigan | 50.4\% | 51.3\% | 31.0\% | 31.3\% | 1.7\% | 1.9\% | 5.8\% | 3.6\% | 2.5\% | 2.7\% | 1.1\% | 0.7\% |
| Minnesota | 42.8\% | 39.9\% | 37.7\% | 40.7\% | 2.2\% | 2.9\% | 4.2\% | 4.0\% | 1.8\% | 2.2\% | 0.7\% | 0.5\% |
| Mississippi | 34.7\% | 31.8\% | 43.4\% | 46.2\% | 10.0\% | 13.3\% | 3.6\% | 1.2\% | 0.8\% | 1.2\% | 0.4\% | 0.6\% |
| Missouri | 42.4\% | 40.1\% | 32.4\% | 35.8\% | 6.8\% | 9.2\% | 6.3\% | 4.1\% | 2.3\% | 2.3\% | 0.9\% | 0.5\% |
| Montana | 39.4\% | 35.9\% | 31.4\% | 34.6\% | 4.2\% | 3.4\% | 6.5\% | 6.3\% | 4.8\% | 5.0\% | 0.2\% | 0.2\% |
| Nebraska | 34.6\% | 29.0\% | 42.6\% | 47.1\% | 3.6\% | 5.0\% | 4.5\% | 4.1\% | 2.3\% | 2.0\% | 0.3\% | 0.3\% |
| Nevada | 17.8\% | 22.1\% | 52.2\% | 53.7\% | 9.3\% | 7.2\% | 7.3\% | 6.2\% | 3.3\% | 3.0\% | 0.2\% | 0.6\% |
| New Hampshire | 50.7\% | 47.0\% | 28.9\% | 34.6\% | 3.2\% | 2.4\% | 7.3\% | 4.4\% | 3.3\% | 3.3\% | 0.7\% | 0.6\% |
| New Jersey | 47.4\% | 47.8\% | 39.6\% | 41.9\% | 1.6\% | 1.6\% | 5.5\% | 3.2\% | 1.3\% | 1.3\% | 0.2\% | 0.2\% |
| New Mexico | 35.3\% | 31.0\% | 32.0\% | 34.3\% | 10.3\% | 11.4\% | 6.2\% | 6.1\% | 5.6\% | 7.2\% | 0.0\% | 0.3\% |
| New York | 56.2\% | 57.2\% | 28.6\% | 29.7\% | 1.7\% | 2.0\% | 5.1\% | 3.4\% | 2.2\% | 2.5\% | 0.3\% | 0.3\% |
| North Carolina | 37.2\% | 35.9\% | 40.9\% | 42.4\% | 6.8\% | 7.4\% | 5.5\% | 4.8\% | 1.9\% | 2.0\% | 1.1\% | 1.0\% |
| North Dakota | 33.2\% | 32.6\% | 30.5\% | 27.4\% | 9.2\% | 11.1\% | 4.8\% | 2.2\% | 4.1\% | 4.1\% | 1.7\% | 0.4\% |
| Ohio | 56.1\% | 55.5\% | 26.9\% | 30.2\% | 3.6\% | 4.3\% | 5.1\% | 3.2\% | 1.6\% | 1.2\% | 0.6\% | 0.5\% |
| Oklahoma | 31.1\% | 27.7\% | 36.8\% | 43.1\% | 9.8\% | 10.4\% | 8.5\% | 6.0\% | 3.3\% | 3.0\% | 0.7\% | 0.7\% |
| Oregon | 31.8\% | 29.9\% | 44.7\% | 47.5\% | 2.3\% | 2.5\% | 6.4\% | 6.5\% | 5.0\% | 5.4\% | 0.3\% | 0.5\% |
| Pennsylvania | 55.2\% | 51.4\% | 28.7\% | 33.2\% | 3.1\% | 3.4\% | 5.2\% | 4.0\% | 1.5\% | 1.6\% | 0.9\% | 1.0\% |
| Rhode Island | 49.6\% | 52.8\% | 36.6\% | 30.3\% | 0.0\% | 0.7\% | 5.2\% | 6.6\% | 3.4\% | 1.7\% | 1.2\% | 1.7\% |
| South Carolina | 39.7\% | 38.4\% | 40.5\% | 42.8\% | 5.9\% | 7.4\% | 5.1\% | 4.1\% | 1.9\% | 1.9\% | 0.5\% | 0.3\% |
| South Dakota | 28.3\% | 24.1\% | 38.2\% | 41.9\% | 12.4\% | 11.7\% | 4.8\% | 2.5\% | 3.4\% | 4.4\% | 0.6\% | 1.5\% |
| Tennessee | 29.7\% | 30.2\% | 46.6\% | 50.3\% | 5.8\% | 6.6\% | 8.5\% | 5.4\% | 1.6\% | 1.9\% | 0.5\% | 0.4\% |
| Texas | 30.1\% | 28.8\% | 45.7\% | 47.1\% | 8.4\% | 9.7\% | 4.3\% | 3.6\% | 2.3\% | 2.5\% | 0.6\% | 0.5\% |
| Utah | 30.9\% | 29.3\% | 44.9\% | 49.7\% | 4.0\% | 4.1\% | 5.4\% | 4.2\% | 4.4\% | 4.7\% | 0.8\% | 0.4\% |
| Vermont | 55.3\% | 51.3\% | 16.7\% | 20.3\% | 6.4\% | 4.5\% | 4.0\% | 4.2\% | 8.8\% | 11.3\% | 0.3\% | 0.0\% |
| Virginia | 39.7\% | 38.1\% | 37.3\% | 39.9\% | 9.3\% | 11.5\% | 6.1\% | 4.7\% | 1.5\% | 0.9\% | 0.5\% | 0.5\% |
| Washington | 36.6\% | 35.0\% | 34.4\% | 37.6\% | 6.4\% | 7.7\% | 6.2\% | 5.1\% | 5.0\% | 5.0\% | 0.6\% | 0.5\% |
| West Virginia | 40.4\% | 36.2\% | 28.5\% | 32.1\% | 6.7\% | 8.2\% | 3.4\% | 3.6\% | 8.8\% | 7.6\% | 1.9\% | 1.2\% |
| Wisconsin | 52.0\% | 46.6\% | 30.4\% | 36.0\% | 1.9\% | 2.2\% | 4.5\% | 3.2\% | 1.6\% | 2.0\% | 0.4\% | 0.3\% |
| Wyoming | 29.7\% | 26.5\% | 37.1\% | 41.7\% | 7.3\% | 5.9\% | 6.0\% | 7.8\% | 6.0\% | 2.9\% | 0.4\% | 1.5\% |

Note: PAs were asked to provide the practice setting of their principal clinical location.
*Behavioral/mental health facility is not in the top practice settings. It is included in this report due to the growing public need in this area.

## Hospital Practice Setting by State



Hours Worked per Week in Principal Clinical Position by State

|  | 2022 |  | 2018 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Mean | Median | Mean | Median |
| United States | 40 | 40 | 40 | 40 |
| Alabama | 40 | 40 | 42 | 40 |
| Alaska | 41 | 40 | 42 | 40 |
| Arizona | 40 | 40 | 41 | 40 |
| Arkansas | 40 | 40 | 41 | 40 |
| California | 39 | 40 | 39 | 40 |
| Colorado | 39 | 40 | 39 | 40 |
| Connecticut | 39 | 40 | 40 | 40 |
| Delaware | 42 | 40 | 43 | 40 |
| D.C. | 40 | 40 | 40 | 40 |
| Florida | 41 | 40 | 42 | 40 |
| Georgia | 41 | 40 | 41 | 40 |
| Hawaii | 40 | 40 | 41 | 40 |
| Idaho | 39 | 40 | 40 | 40 |
| Illinois | 40 | 40 | 41 | 40 |
| Indiana | 39 | 40 | 40 | 40 |
| lowa | 39 | 40 | 39 | 40 |
| Kansas | 41 | 40 | 41 | 40 |
| Kentucky | 40 | 40 | 41 | 40 |
| Louisiana | 41 | 40 | 42 | 40 |
| Maine | 39 | 40 | 40 | 40 |
| Maryland | 39 | 40 | 39 | 40 |
| Massachusetts | 39 | 40 | 39 | 40 |
| Michigan | 39 | 40 | 40 | 40 |
| Minnesota | 39 | 40 | 39 | 40 |
| Mississippi | 41 | 40 | 41 | 40 |
| Missouri | 41 | 40 | 42 | 40 |
| Montana | 40 | 40 | 40 | 40 |
| Nebraska | 39 | 40 | 40 | 40 |
| Nevada | 41 | 40 | 41 | 40 |
| New Hampshire | 39 | 40 | 40 | 40 |
| New Jersey | 39 | 40 | 39 | 40 |
| New Mexico | 40 | 40 | 41 | 40 |
| New York | 40 | 40 | 40 | 40 |
| North Carolina | 40 | 40 | 41 | 40 |
| North Dakota | 40 | 40 | 40 | 40 |
| Ohio | 40 | 40 | 41 | 40 |
| Oklahoma | 40 | 40 | 41 | 40 |
| Oregon | 39 | 40 | 40 | 40 |
| Pennsylvania | 40 | 40 | 41 | 40 |
| Rhode Island | 40 | 40 | 40 | 40 |
| South Carolina | 40 | 40 | 41 | 40 |
| South Dakota | 40 | 40 | 41 | 40 |
| Tennessee | 39 | 40 | 41 | 40 |
| Texas | 40 | 40 | 41 | 40 |
| Utah | 40 | 40 | 40 | 40 |
| Vermont | 37 | 40 | 37 | 40 |
| Virginia | 40 | 40 | 41 | 40 |
| Washington | 40 | 40 | 41 | 40 |
| West Virginia | 40 | 40 | 41 | 40 |
| Wisconsin | 39 | 40 | 40 | 40 |
| Wyoming | 41 | 40 | 42 | 40 |

[^2]
## Mean Hours Worked per Week in Principal Clinical Position by State



Patients Seen per Week (working 40+ hours per week) by State

|  | 2022 |  | 2018 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Mean | Median | Mean | Median |
| United States | 70 | 60 | 73 | 70 |
| Alabama | 75 | 70 | 79 | 75 |
| Alaska | 59 | 55 | 59 | 60 |
| Arizona | 80 | 75 | 83 | 80 |
| Arkansas | 80 | 75 | 85 | 80 |
| California | 81 | 75 | 86 | 80 |
| Colorado | 62 | 60 | 65 | 60 |
| Connecticut | 58 | 50 | 61 | 55 |
| Delaware | 65 | 60 | 67 | 65 |
| D.C. | 62 | 50 | 64 | 60 |
| Florida | 81 | 75 | 83 | 80 |
| Georgia | 76 | 70 | 78 | 75 |
| Hawaii | 71 | 70 | 79 | 80 |
| Idaho | 71 | 65 | 71 | 65 |
| Illinois | 67 | 60 | 71 | 65 |
| Indiana | 67 | 60 | 71 | 60 |
| lowa | 68 | 60 | 69 | 70 |
| Kansas | 68 | 60 | 70 | 65 |
| Kentucky | 77 | 70 | 81 | 80 |
| Louisiana | 74 | 70 | 77 | 70 |
| Maine | 54 | 50 | 56 | 50 |
| Maryland | 65 | 59 | 68 | 60 |
| Massachusetts | 57 | 50 | 59 | 50 |
| Michigan | 68 | 60 | 69 | 60 |
| Minnesota | 55 | 50 | 57 | 50 |
| Mississippi | 76 | 75 | 73 | 70 |
| Missouri | 66 | 60 | 68 | 60 |
| Montana | 61 | 55 | 61 | 60 |
| Nebraska | 64 | 60 | 67 | 60 |
| Nevada | 93 | 85 | 99 | 100 |
| New Hampshire | 60 | 60 | 61 | 60 |
| New Jersey | 73 | 60 | 72 | 60 |
| New Mexico | 69 | 65 | 73 | 70 |
| New York | 70 | 60 | 69 | 60 |
| North Carolina | 71 | 65 | 73 | 70 |
| North Dakota | 65 | 60 | 63 | 60 |
| Ohio | 66 | 60 | 70 | 65 |
| Oklahoma | 77 | 75 | 78 | 75 |
| Oregon | 61 | 56 | 61 | 60 |
| Pennsylvania | 66 | 60 | 69 | 60 |
| Rhode Island | 66 | 60 | 67 | 60 |
| South Carolina | 77 | 75 | 79 | 75 |
| South Dakota | 63 | 65 | 66 | 60 |
| Tennessee | 80 | 75 | 81 | 80 |
| Texas | 76 | 70 | 79 | 75 |
| Utah | 70 | 60 | 71 | 70 |
| Vermont | 61 | 60 | 60 | 60 |
| Virginia | 70 | 64 | 72 | 70 |
| Washington | 64 | 60 | 67 | 60 |
| West Virginia | 80 | 74 | 82 | 75 |
| Wisconsin | 56 | 50 | 59 | 55 |
| Wyoming | 67 | 60 | 72 | 70 |

Note: PAs were asked how many patients they see during a typical work week.

## Mean Number of Patients Seen per Week by State (PAs Working 40+ Hours per Week)



Payer Mix by State (Median Percent)


Note: PAs were asked to estimate their current payer mix in their principal clinical position.

## Median Percent of Medicaid Patients Seen by State



Telemedicine Participation and Hours by State

|  | Participate in telemedicine |  | Hours per week participating in telemedicine |  |  |  |  | Does not participate in telemedicine but practice or institution does |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2022 | 2018 | $\begin{gathered} \text { Less than } \\ 10 \end{gathered}$ | 10 to 19 | 20 to 29 | 30 to 39 | 40 or more |  |
| United States | 40．3\％ | 8．7\％ | 78．4\％ | 12．6\％ | 5．1\％ | 2．3\％ | 1．6\％ | 61．5\％ |
| Alabama | 33．0\％ | 6．4\％ | 87．3\％ | 8．5\％ | 2．3\％ | 1．2\％ | 0．8\％ | 48．9\％ |
| Alaska | 59．3\％ | 22．2\％ | 79．3\％ | 13．3\％ | 5．8\％ | 0．7\％ | 1．0\％ | 56．8\％ |
| Arizona | 43．1\％ | 7．2\％ | 73．0\％ | 14．9\％ | 5．7\％ | 3．4\％ | 3．0\％ | 54．6\％ |
| Arkansas | 39．9\％ | 9．4\％ | 87．4\％ | 6．9\％ | 2．9\％ | 1．1\％ | 1．7\％ | 63．4\％ |
| California | 50．4\％ | 12．9\％ | 66．8\％ | 18．9\％ | 8．4\％ | 3．4\％ | 2．4\％ | 60．4\％ |
| Colorado | 46．6\％ | 9．8\％ | 78．9\％ | 13．6\％ | 4．3\％ | 2．1\％ | 1．2\％ | 67．2\％ |
| Connecticut | 32．4\％ | 5．6\％ | 79．9\％ | 12．4\％ | 4．4\％ | 1．8\％ | 1．5\％ | 58．3\％ |
| Delaware | 40．1\％ | 7．2\％ | 83．6\％ | 12．7\％ | 2．2\％ | 0．7\％ | 0．7\％ | 58．4\％ |
| D．C． | 38．2\％ | 12．6\％ | 65．4\％ | 20．5\％ | 6．4\％ | 3．8\％ | 3．8\％ | 63．4\％ |
| Florida | 36．1\％ | 7．2\％ | 78．5\％ | 10．7\％ | 5．5\％ | 2．7\％ | 2．5\％ | 54．6\％ |
| Georgia | 36．1\％ | 8．6\％ | 81．1\％ | 11．3\％ | 4．9\％ | 1．1\％ | 1．6\％ | 55．3\％ |
| Hawaii | 54．6\％ | 19．8\％ | 73．0\％ | 16．9\％ | 6．7\％ | 1．7\％ | 1．7\％ | 67．1\％ |
| Idaho | 47．5\％ | 9．0\％ | 84．0\％ | 9．7\％ | 2．9\％ | 2．1\％ | 1．4\％ | 61．7\％ |
| Illinois | 40．5\％ | 5．5\％ | 80．2\％ | 11．2\％ | 4．7\％ | 3．0\％ | 1．0\％ | 64．4\％ |
| Indiana | 31．0\％ | 5．0\％ | 86．4\％ | 10．6\％ | 1．3\％ | 1．3\％ | 0．4\％ | 56．8\％ |
| lowa | 42．7\％ | 7．6\％ | 89．0\％ | 4．7\％ | 4．0\％ | 1．6\％ | 0．7\％ | 68．4\％ |
| Kansas | 40．7\％ | 8．2\％ | 91．3\％ | 6．8\％ | 0．7\％ | 0．7\％ | 0．5\％ | 58．3\％ |
| Kentucky | 38．4\％ | 5．8\％ | 83．9\％ | 10．9\％ | 3．2\％ | 1．8\％ | 0．2\％ | 57．4\％ |
| Louisiana | 37．2\％ | 8．9\％ | 85．0\％ | 9．2\％ | 3．6\％ | 0．7\％ | 1．4\％ | 59．8\％ |
| Maine | 36．4\％ | 9．0\％ | 87．3\％ | 9．1\％ | 1．8\％ | 1．4\％ | 0．4\％ | 69．2\％ |
| Maryland | 35．5\％ | 7．9\％ | 76．1\％ | 12．6\％ | 6．4\％ | 3．1\％ | 1．8\％ | 57．3\％ |
| Massachusetts | 39．3\％ | 9．7\％ | 70］\％ | 10］\％ | ［10\％ | 2．】\％ | 1．7\％ | 60．5\％ |
| Michigan | 40．7\％ | 7．5\％ | ［ | 10］\％ | 4．7\％ | 2．】\％ | 2．3\％ | 60．8\％ |
| Minnesota | 47．3\％ | 10．6\％ | 70］\％ | 10］\％ | 4．7\％ | －1． | ［⿴囗⿰丨丨⿱一土口 | 77．1\％ |
| Mississippi | 39．4\％ | 11．8\％ | 8］［1\％ |  | ［10\％ | ［10\％ | ［10\％ | 56．8\％ |
| Missouri | 38．2\％ | 7．3\％ | ［1］ | 8．${ }^{\text {\％}}$ | 4．7\％ | 1．4\％ | $0.7 \%$ | 61．5\％ |
| Montana | 44．7\％ | 12．9\％ | ［ | 9．2\％ | 4．4\％ | 1．0\％ | 0．3\％ | 71．5\％ |
| Nebraska | 41．3\％ | 8．9\％ | 86．8\％ | 8．1\％ | 3．3\％ | 1．3\％ | 0．4\％ | 66．6\％ |
| Nevada | 43．3\％ | 11．5\％ | 76．1\％ | 12．1\％ | 5．6\％ | 2．7\％ | 3．5\％ | 50．9\％ |
| New Hampshire | 40．6\％ | 7．4\％ | 84．3\％ | 10．2\％ | 2．7\％ | 1．5\％ | 1．2\％ | 69．6\％ |
| New Jersey | 31．8\％ | 7．0\％ | 78．1\％ | 12．3\％ | 5．3\％ | 2．9\％ | 1．3\％ | 54．9\％ |
| New Mexico | 44．5\％ | 11．0\％ | 70．6\％ | 18．6\％ | 8．4\％ | 1．7\％ | 0．7\％ | 72．6\％ |
| New York | 30．4\％ | 8．6\％ | 76．7\％ | 13．8\％ | 5．2\％ | 2．4\％ | 1．9\％ | 59．9\％ |
| North Carolina | 41．5\％ | 7．6\％ | 78．4\％ | 12．0\％ | 4．7\％ | 3．1\％ | 1．8\％ | 62．9\％ |
| North Dakota | 48．6\％ | 13．4\％ | 81．7\％ | 9．9\％ | 4．9\％ | 1．4\％ | 2．1\％ | 67．1\％ |
| Ohio | 34．9\％ | 7．3\％ | 81．2\％ | 11．5\％ | 4．0\％ | 1．9\％ | 1．5\％ | 62．1\％ |
| Oklahoma | 38．1\％ | 7．8\％ | 82．0\％ | 10．0\％ | 4．0\％ | 2．3\％ | 1．7\％ | 60．6\％ |
| Oregon | 54．2\％ | 12．2\％ | 74．9\％ | 14．9\％ | 6．9\％ | 2．6\％ | 0．6\％ | 73．6\％ |
| Pennsylvania | 40．0\％ | 8．2\％ | 82．0\％ | 10．9\％ | 4．7\％ | 1．5\％ | 0．9\％ | 67．8\％ |
| Rhode Island | 40．6\％ | 9．2\％ | 78．4\％ | 13．8\％ | 4．2\％ | 2．4\％ | 1．2\％ | 55．6\％ |
| South Carolina | 36．2\％ | 6．7\％ | 81．2\％ | 10．6\％ | 4．3\％ | 2．5\％ | 1．5\％ | 57．8\％ |
| South Dakota | 46．3\％ | 22．4\％ | 92．2\％ | 4．9\％ | 2．0\％ | 0．8\％ | 0．0\％ | 77．9\％ |
| Tennessee | 37．3\％ | 8．0\％ | 85．5\％ | 8．9\％ | 3．1\％ | 1．2\％ | 1．3\％ | 52．5\％ |
| Texas | 44．6\％ | 7．9\％ | 74．2\％ | 13．9\％ | 6．5\％ | 3．2\％ | 2．2\％ | 60．3\％ |
| Utah | 51．9\％ | 8．6\％ | 79．2\％ | 12．7\％ | 4．9\％ | 1．3\％ | 1．9\％ | 71．7\％ |
| Vermont | 40．4\％ | 7．0\％ | 79．5\％ | 11．4\％ | 6．1\％ | 1．5\％ | 1．5\％ | 77．7\％ |
| Virginia | 38．6\％ | 8．6\％ | 78．3\％ | 13．1\％ | 4．4\％ | 3．1\％ | 1．2\％ | 57．9\％ |
| Washington | 45．8\％ | 9．4\％ | 74．7\％ | 16．1\％ | 5．0\％ | 2．6\％ | 1．6\％ | 67．3\％ |
| West Virginia | 40．5\％ | 9．8\％ | 83．9\％ | 8．4\％ | 3．3\％ | 2．1\％ | 2．4\％ | 65．4\％ |
| Wisconsin | 40．8\％ | 7．9\％ | 87．5\％ | 8．3\％ | 2．6\％ | 0．9\％ | 0．7\％ | 72．8\％ |
| Wyoming | 51．7\％ | 9．2\％ | 91．6\％ | 6．7\％ | 0．8\％ | 0．0\％ | 0．8\％ | 62．0\％ |

## Participate in Telemedicine by State



Telemedicine Functions and Modalities by State

|  | Functions of telemedicine |  |  |  | Modalities of telemedicine |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { Follow-up } \\ & \text { with } \\ & \text { patients } \end{aligned}$ | Diagnosing or treating patients | Managing patients with chronic disease | Collaboration with another provider | Videoconferencing | Remote patient monitoring | Storing and forwarding data |
| United States | 88.8\% | 82.8\% | 66.6\% | 31.1\% | 91.9\% | 19.0\% | 8.7\% |
| Alabama | 94.2\% | 75.0\% | 63.1\% | 28.5\% | 84.6\% | 23.1\% | 12.3\% |
| Alaska | 91.8\% | 85.0\% | 71.1\% | 44.6\% | 89.8\% | 23.8\% | 13.6\% |
| Arizona | 92.6\% | 84.8\% | 73.7\% | 33.4\% | 91.9\% | 18.6\% | 7.7\% |
| Arkansas | 90.2\% | 71.3\% | 67.2\% | 25.3\% | 91.4\% | 18.4\% | 9.8\% |
| California | 91.3\% | 86.3\% | 66.8\% | 39.0\% | 87.1\% | 26.7\% | 12.3\% |
| Colorado | 91.1\% | 84.9\% | 68.2\% | 29.6\% | 92.0\% | 15.5\% | 9.2\% |
| Connecticut | 84.1\% | 84.4\% | 61.1\% | 28.7\% | 94.3\% | 18.9\% | 6.5\% |
| Delaware | 84.3\% | 78.4\% | 60.4\% | 30.6\% | 94.0\% | 19.4\% | 8.2\% |
| D.C. | 88.5\% | 84.6\% | 62.8\% | 52.6\% | 92.3\% | 21.8\% | 7.7\% |
| Florida | 91.2\% | 81.1\% | 66.9\% | 29.9\% | 93.2\% | 17.0\% | 8.7\% |
| Georgia | 87.4\% | 79.0\% | 66.5\% | 29.3\% | 91.7\% | 18.1\% | 10.2\% |
| Hawaii | 90.4\% | 76.4\% | 60.7\% | 37.1\% | 83.7\% | 16.9\% | 14.6\% |
| Idaho | 89.0\% | 80.3\% | 67.4\% | 23.6\% | 93.6\% | 15.3\% | 6.6\% |
| Illinois | 91.3\% | 80.8\% | 69.5\% | 28.6\% | 91.3\% | 19.4\% | 6.5\% |
| Indiana | 89.0\% | 83.0\% | 66.5\% | 22.5\% | 94.5\% | 15.5\% | 5.3\% |
| lowa | 86.8\% | 80.4\% | 65.0\% | 18.8\% | 96.0\% | 12.9\% | 5.4\% |
| Kansas | 90.1\% | 79.0\% | 70.5\% | 25.1\% | 94.2\% | 13.3\% | 4.6\% |
| Kentucky | 90.9\% | 81.5\% | 72.2\% | 28.4\% | 92.7\% | 18.3\% | 8.9\% |
| Louisiana | 82.9\% | 79.2\% | 59.4\% | 27.3\% | 91.8\% | 17.4\% | 8.2\% |
| Maine | 80.1\% | 77.2\% | 56.9\% | 29.0\% | 93.5\% | 17.8\% | 6.5\% |
| Maryland | 86.2\% | 83.6\% | 62.9\% | 34.8\% | 92.5\% | 19.3\% | 10.9\% |
| Massachusetts | 88.6\% | 82.5\% | 63.8\% | 36.0\% | 90.2\% | 20.8\% | 8.1\% |
| Michigan | 87.2\% | 86.7\% | 68.5\% | 29.3\% | 94.3\% | 15.4\% | 7.8\% |
| Minnesota | 87.4\% | 83.7\% | 64.3\% | 29.0\% | 95.9\% | 14.0\% | 5.0\% |
| Mississippi | 86.9\% | 73.7\% | 58.6\% | 29.3\% | 91.9\% | 20.2\% | 5.1\% |
| Missouri | 87.3\% | 81.5\% | 65.7\% | 29.4\% | 93.3\% | 16.2\% | 7.2\% |
| Montana | 86.1\% | 74.9\% | 69.2\% | 31.5\% | 92.9\% | 18.0\% | 6.4\% |
| Nebraska | 85.3\% | 83.7\% | 63.7\% | 23.5\% | 95.8\% | 13.6\% | 4.4\% |
| Nevada | 90.6\% | 81.2\% | 71.5\% | 29.8\% | 88.7\% | 22.8\% | 9.9\% |
| New Hampshire | 88.3\% | 80.7\% | 62.0\% | 31.6\% | 93.4\% | 16.9\% | 7.2\% |
| New Jersey | 88.8\% | 79.8\% | 60.8\% | 33.1\% | 91.0\% | 19.5\% | 8.4\% |
| New Mexico | 90.9\% | 85.8\% | 70.3\% | 33.8\% | 91.2\% | 22.0\% | 8.1\% |
| New York | 86.6\% | 81.1\% | 63.8\% | 33.9\% | 89.8\% | 23.6\% | 9.1\% |
| North Carolina | 89.0\% | 84.4\% | 70.1\% | 28.2\% | 92.7\% | 17.8\% | 8.4\% |
| North Dakota | 86.6\% | 83.1\% | 69.7\% | 26.8\% | 93.0\% | 21.8\% | 11.3\% |
| Ohio | 86.6\% | 79.1\% | 62.9\% | 29.1\% | 93.0\% | 15.5\% | 7.5\% |
| Oklahoma | 85.2\% | 83.7\% | 70.2\% | 26.3\% | 95.4\% | 12.3\% | 6.3\% |
| Oregon | 92.1\% | 86.7\% | 72.0\% | 33.8\% | 94.4\% | 15.0\% | 6.4\% |
| Pennsylvania | 85.9\% | 83.5\% | 65.0\% | 30.5\% | 93.9\% | 18.8\% | 8.7\% |
| Rhode Island | 91.6\% | 77.8\% | 68.3\% | 35.3\% | 83.8\% | 24.6\% | 9.0\% |
| South Carolina | 87.8\% | 80.7\% | 65.5\% | 25.7\% | 92.1\% | 15.8\% | 9.1\% |
| South Dakota | 82.4\% | 75.0\% | 57.0\% | 30.3\% | 95.1\% | 22.5\% | 6.6\% |
| Tennessee | 86.5\% | 78.6\% | 65.1\% | 27.4\% | 89.3\% | 19.6\% | 9.7\% |
| Texas | 91.2\% | 84.6\% | 69.4\% | 32.4\% | 91.6\% | 20.4\% | 9.5\% |
| Utah | 87.0\% | 85.8\% | 67.8\% | 26.8\% | 95.8\% | 15.8\% | 6.9\% |
| Vermont | 87.2\% | 78.2\% | 63.2\% | 34.6\% | 91.7\% | 16.5\% | 6.0\% |
| Virginia | 88.9\% | 84.0\% | 66.7\% | 29.9\% | 91.4\% | 17.8\% | 9.0\% |
| Washington | 90.5\% | 83.9\% | 68.2\% | 34.2\% | 91.6\% | 17.7\% | 9.5\% |
| West Virginia | 90.2\% | 81.0\% | 69.6\% | 27.1\% | 91.4\% | 22.0\% | 6.8\% |
| Wisconsin | 88.4\% | 81.1\% | 64.3\% | 24.3\% | 95.6\% | 14.2\% | 6.1\% |
| Wyoming | 87.4\% | 78.2\% | 60.5\% | 28.6\% | 95.0\% | 16.0\% | 8.4\% |

Note: PAs were asked if they participate in telemedicine as a substitute for in-person encounters. If yes, PAs were asked to indicate which function(s) they engage in and which modalities of telemedicine they use.

Diagnosing or Treating Patients through Telemedicine by State


Providing Care to Patients in Designated HPSAs or MUAs by State

|  | Yes | No | Not sure |
| :---: | :---: | :---: | :---: |
| United States | 22.8\% | 51.1\% | 26.1\% |
| Alabama | 22.4\% | 48.6\% | 29.0\% |
| Alaska | 53.8\% | 26.7\% | 19.6\% |
| Arizona | 22.1\% | 55.5\% | 22.5\% |
| Arkansas | 21.4\% | 52.3\% | 26.3\% |
| California | 29.2\% | 47.8\% | 22.9\% |
| Colorado | 22.3\% | 57.7\% | 20.0\% |
| Connecticut | 25.1\% | 44.8\% | 30.1\% |
| Delaware | 26.7\% | 45.3\% | 28.0\% |
| D.C. | 25.6\% | 49.4\% | 25.0\% |
| Florida | 13.9\% | 60.9\% | 25.1\% |
| Georgia | 20.9\% | 52.8\% | 26.3\% |
| Hawaii | 33.2\% | 46.4\% | 20.4\% |
| Idaho | 33.2\% | 45.6\% | 21.2\% |
| Illinois | 23.6\% | 52.1\% | 24.3\% |
| Indiana | 17.6\% | 52.8\% | 29.6\% |
| lowa | 22.4\% | 52.6\% | 25.0\% |
| Kansas | 27.1\% | 51.3\% | 21.5\% |
| Kentucky | 28.9\% | 45.1\% | 26.0\% |
| Louisiana | 24.3\% | 48.1\% | 27.6\% |
| Maine | 29.6\% | 39.7\% | 30.7\% |
| Maryland | 21.5\% | 51.5\% | 27.0\% |
| Massachusetts | 20.3\% | 48.0\% | 31.7\% |
| Michigan | 22.7\% | 47.9\% | 29.3\% |
| Minnesota | 18.7\% | 53.1\% | 28.2\% |
| Mississippi | 41.3\% | 35.0\% | 23.8\% |
| Missouri | 27.0\% | 46.6\% | 26.5\% |
| Montana | 44.2\% | 36.8\% | 19.1\% |
| Nebraska | 19.5\% | 57.8\% | 22.7\% |
| Nevada | 24.5\% | 52.1\% | 23.4\% |
| New Hampshire | 17.9\% | 50.8\% | 31.4\% |
| New Jersey | 18.0\% | 55.8\% | 26.2\% |
| New Mexico | 53.6\% | 27.7\% | 18.6\% |
| New York | 23.4\% | 47.2\% | 29.4\% |
| North Carolina | 22.9\% | 50.1\% | 27.0\% |
| North Dakota | 30.5\% | 47.3\% | 22.1\% |
| Ohio | 17.9\% | 50.8\% | 31.3\% |
| Oklahoma | 28.4\% | 49.4\% | 22.2\% |
| Oregon | 31.1\% | 47.5\% | 21.3\% |
| Pennsylvania | 16.6\% | 54.2\% | 29.2\% |
| Rhode Island | 20.8\% | 44.1\% | 35.1\% |
| South Carolina | 20.9\% | 51.4\% | 27.7\% |
| South Dakota | 38.0\% | 39.7\% | 22.3\% |
| Tennessee | 21.2\% | 52.4\% | 26.3\% |
| Texas | 20.9\% | 57.5\% | 21.6\% |
| Utah | 23.2\% | 53.6\% | 23.1\% |
| Vermont | 32.0\% | 39.9\% | 28.1\% |
| Virginia | 17.1\% | 56.9\% | 26.0\% |
| Washington | 27.7\% | 46.6\% | 25.7\% |
| West Virginia | 42.9\% | 25.4\% | 31.7\% |
| Wisconsin | 20.2\% | 51.9\% | 27.9\% |
| Wyoming | 38.8\% | 33.2\% | 28.0\% |

Note: PAs were asked if they provide care to patients who live in a designated Health Professional Shortage Area (HPSA) and/or a Medically Underserved Area (MUA).

## Providing Care to Patients in Designated HPSAs or MUAs by State



Joh Satisfaction by State

|  | Areas of satisfaction* |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Present job | Career as a PA | Number of hours worked | Work-life balance | Income | Benefits | Geographical location of principal position | Employer |
| United States | 83.6\% | 86.7\% | 77.3\% | 71.1\% | 75.5\% | 73.2\% | 82.4\% | 74.2\% |
| Alabama | 85.8\% | 88.4\% | 79.1\% | 74.2\% | 73.7\% | 77.8\% | 73.2\% | 74.9\% |
| Alaska | 86.9\% | 87.1\% | 78.4\% | 74.5\% | 85.6\% | 78.8\% | 87.8\% | 80.5\% |
| Arizona | 83.1\% | 86.5\% | 77.4\% | 69.1\% | 75.8\% | 67.7\% | 82.8\% | 73.5\% |
| Arkansas | 84.4\% | 85.0\% | 80.4\% | 72.6\% | 75.4\% | 69.0\% | 80.7\% | 76.8\% |
| California | 83.4\% | 87.2\% | 77.2\% | 71.3\% | 76.4\% | 71.2\% | 80.9\% | 75.3\% |
| Colorado | 83.0\% | 84.3\% | 74.6\% | 68.4\% | 71.7\% | 72.2\% | 86.5\% | 74.6\% |
| Connecticut | 83.2\% | 86.1\% | 80.3\% | 73.3\% | 77.2\% | 72.7\% | 83.5\% | 75.0\% |
| Delaware | 79.2\% | 83.2\% | 72.5\% | 65.6\% | 71.8\% | 74.4\% | 76.3\% | 69.5\% |
| D.C. | 81.5\% | 90.5\% | 84.5\% | 77.1\% | 73.5\% | 79.0\% | 86.6\% | 75.9\% |
| Florida | 83.6\% | 86.3\% | 76.0\% | 71.1\% | 74.2\% | 67.7\% | 81.9\% | 74.6\% |
| Georgia | 84.4\% | 86.8\% | 78.1\% | 71.1\% | 76.7\% | 70.9\% | 83.2\% | 74.5\% |
| Hawaii | 82.3\% | 86.2\% | 77.4\% | 66.9\% | 73.4\% | 79.0\% | 87.6\% | 71.7\% |
| Idaho | 84.8\% | 84.9\% | 77.3\% | 71.4\% | 77.9\% | 71.0\% | 85.6\% | 78.0\% |
| Illinois | 85.2\% | 88.5\% | 81.3\% | 75.0\% | 76.8\% | 75.5\% | 81.1\% | 76.0\% |
| Indiana | 86.8\% | 89.0\% | 80.4\% | 74.9\% | 77.6\% | 74.3\% | 82.2\% | 75.0\% |
| lowa | 84.8\% | 87.7\% | 78.0\% | 72.7\% | 77.9\% | 79.2\% | 81.6\% | 74.2\% |
| Kansas | 85.7\% | 87.6\% | 80.0\% | 72.6\% | 80.7\% | 77.5\% | 82.2\% | 75.3\% |
| Kentucky | 84.9\% | 87.2\% | 78.4\% | 75.1\% | 72.8\% | 77.2\% | 85.0\% | 74.8\% |
| Louisiana | 86.1\% | 89.2\% | 81.0\% | 78.0\% | 77.2\% | 78.6\% | 79.3\% | 80.0\% |
| Maine | 81.3\% | 80.9\% | 69.7\% | 64.8\% | 75.0\% | 73.2\% | 80.5\% | 68.3\% |
| Maryland | 83.2\% | 87.7\% | 77.3\% | 72.0\% | 75.9\% | 72.8\% | 80.8\% | 73.9\% |
| Massachusetts | 82.7\% | 86.4\% | 75.8\% | 70.6\% | 73.6\% | 76.2\% | 85.2\% | 72.4\% |
| Michigan | 82.9\% | 86.1\% | 77.9\% | 69.7\% | 75.5\% | 71.8\% | 81.4\% | 70.7\% |
| Minnesota | 84.6\% | 88.2\% | 75.3\% | 69.4\% | 80.4\% | 78.6\% | 83.6\% | 74.7\% |
| Mississippi | 84.3\% | 82.5\% | 76.5\% | 67.6\% | 76.5\% | 73.3\% | 67.6\% | 75.2\% |
| Missouri | 83.4\% | 88.6\% | 78.9\% | 72.6\% | 78.4\% | 75.9\% | 83.8\% | 77.0\% |
| Montana | 80.8\% | 82.7\% | 73.7\% | 69.0\% | 73.0\% | 70.8\% | 86.8\% | 64.3\% |
| Nebraska | 86.2\% | 88.1\% | 78.7\% | 73.8\% | 77.2\% | 73.1\% | 81.3\% | 75.3\% |
| Nevada | 81.1\% | 82.7\% | 70.4\% | 67.8\% | 78.3\% | 68.1\% | 75.8\% | 74.2\% |
| New Hampshire | 82.4\% | 88.2\% | 75.8\% | 69.5\% | 70.2\% | 65.9\% | 85.7\% | 73.3\% |
| New Jersey | 83.9\% | 86.1\% | 77.0\% | 71.0\% | 76.5\% | 71.2\% | 79.4\% | 73.7\% |
| New Mexico | 80.6\% | 84.6\% | 72.6\% | 67.4\% | 75.2\% | 71.2\% | 71.8\% | 69.3\% |
| New York | 82.7\% | 85.4\% | 77.2\% | 70.7\% | 72.7\% | 72.3\% | 80.5\% | 72.8\% |
| North Carolina | 83.7\% | 85.6\% | 75.7\% | 68.1\% | 74.8\% | 72.4\% | 83.4\% | 74.8\% |
| North Dakota | 83.8\% | 82.0\% | 73.1\% | 69.9\% | 77.9\% | 76.1\% | 74.1\% | 69.8\% |
| Ohio | 84.1\% | 89.3\% | 81.2\% | 74.3\% | 75.1\% | 76.4\% | 84.0\% | 76.2\% |
| Oklahoma | 85.0\% | 90.7\% | 79.5\% | 72.0\% | 80.4\% | 79.2\% | 81.8\% | 77.7\% |
| Oregon | 82.1\% | 86.9\% | 74.1\% | 69.1\% | 77.8\% | 77.3\% | 86.2\% | 75.3\% |
| Pennsylvania | 82.5\% | 89.1\% | 75.8\% | 68.8\% | 72.0\% | 73.8\% | 80.8\% | 69.7\% |
| Rhode Island | 78.2\% | 88.9\% | 71.0\% | 66.7\% | 73.8\% | 72.6\% | 85.7\% | 69.8\% |
| South Carolina | 83.2\% | 82.3\% | 79.3\% | 72.6\% | 73.8\% | 72.8\% | 85.3\% | 75.1\% |
| South Dakota | 85.9\% | 86.1\% | 78.5\% | 74.3\% | 77.5\% | 75.5\% | 86.7\% | 76.6\% |
| Tennessee | 83.5\% | 84.0\% | 79.7\% | 75.5\% | 74.9\% | 68.8\% | 83.8\% | 75.7\% |
| Texas | 85.9\% | 86.6\% | 79.0\% | 73.2\% | 78.6\% | 74.4\% | 82.1\% | 78.7\% |
| Utah | 85.2\% | 89.2\% | 79.7\% | 75.4\% | 75.4\% | 74.9\% | 86.7\% | 79.3\% |
| Vermont | 79.9\% | 84.4\% | 72.6\% | 64.5\% | 72.6\% | 66.4\% | 80.3\% | 67.8\% |
| Virginia | 83.2\% | 72.8\% | 77.3\% | 70.7\% | 74.5\% | 72.5\% | 83.0\% | 74.6\% |
| Washington | 80.9\% | 69.8\% | 73.8\% | 67.1\% | 76.1\% | 76.0\% | 85.5\% | 73.3\% |
| West Virginia | 83.2\% | 76.6\% | 79.2\% | 72.8\% | 75.6\% | 73.3\% | 80.8\% | 74.4\% |
| Wisconsin | 83.2\% | 75.6\% | 77.9\% | 71.2\% | 78.2\% | 76.3\% | 85.8\% | 71.7\% |
| Wyoming | 83.6\% | 69.8\% | 80.0\% | 74.0\% | 74.0\% | 76.8\% | 85.3\% | 77.7\% |

[^3]*Satisfied includes responses of completely satisfied, mostly satisfied and somewhat satisfied.
2022 Statistical Profile of Board Certified PAs by State ©NCCPA 2024

## Satisfied with Career as a PA



Burnout ${ }^{1,2}$ by State

|  | No symptoms of burnout | One or more symptoms of burnout |
| :---: | :---: | :---: |
| United States | 67.8\% | 32.2\% |
| Alabama | 69.7\% | 30.3\% |
| Alaska | 70.4\% | 29.6\% |
| Arizona | 65.8\% | 34.2\% |
| Arkansas | 73.1\% | 26.9\% |
| California | 68.7\% | 31.3\% |
| Colorado | 63.9\% | 36.1\% |
| Connecticut | 65.1\% | 34.9\% |
| Delaware | 62.4\% | 37.6\% |
| D.C. | 66.7\% | 33.3\% |
| Florida | 70.5\% | 29.5\% |
| Georgia | 70.1\% | 29.9\% |
| Hawaii | 73.4\% | 26.6\% |
| Idaho | 70.1\% | 29.9\% |
| Illinois | 66.5\% | 33.5\% |
| Indiana | 71.0\% | 29.0\% |
| lowa | 69.6\% | 30.4\% |
| Kansas | 67.4\% | 32.6\% |
| Kentucky | 71.2\% | 28.8\% |
| Louisiana | 69.3\% | 30.7\% |
| Maine | 58.5\% | 41.5\% |
| Maryland | 69.9\% | 30.1\% |
| Massachusetts | 64.8\% | 35.2\% |
| Michigan | 67.2\% | 32.8\% |
| Minnesota | 65.4\% | 34.6\% |
| Mississippi | 73.0\% | 27.0\% |
| Missouri | 70.7\% | 29.3\% |
| Montana | 66.5\% | 33.5\% |
| Nebraska | 72.9\% | 27.1\% |
| Nevada | 67.7\% | 32.3\% |
| New Hampshire | 59.6\% | 40.4\% |
| New Jersey | 69.5\% | 30.5\% |
| New Mexico | 66.3\% | 33.7\% |
| New York | 67.7\% | 32.3\% |
| North Carolina | 67.2\% | 32.8\% |
| North Dakota | 72.8\% | 27.2\% |
| Ohio | 69.2\% | 30.8\% |
| Oklahoma | 70.7\% | 29.3\% |
| Oregon | 63.0\% | 37.0\% |
| Pennsylvania | 65.0\% | 35.0\% |
| Rhode Island | 63.4\% | 36.6\% |
| South Carolina | 70.1\% | 29.9\% |
| South Dakota | 73.6\% | 26.4\% |
| Tennessee | 71.0\% | 29.0\% |
| Texas | 70.7\% | 29.3\% |
| Utah | 68.7\% | 31.3\% |
| Vermont | 60.9\% | 39.1\% |
| Virginia | 66.0\% | 34.0\% |
| Washington | 63.7\% | 36.3\% |
| West Virginia | 65.7\% | 34.3\% |
| Wisconsin | 65.9\% | 34.1\% |
| Wyoming | 68.0\% | 32.0\% |

${ }^{1}$ Rohland BM, Kruse GR, Rohrer JE. Validation of a single-item measure of burnout against the Maslach Burnout Inventory among physicians. Stress and Health: Journal of the International Society for the Investigation of Stress. 2004 Apr;20(2):75-9.
${ }^{2}$ Dolan ED, Mohr D, Lempa M, Joos S, Fihn SD, Nelson KM, Helfrich CD. Using a single item to measure burnout in primary care staff: a psychometric evaluation. Journal of general internal medicine. 2015 May 1; 30(5):582-7.

Note: PAs were asked to rate their level of burnout based on their own definition of burnout. Burnout was measured on a scale from no symptoms of burnout to completely burned out.

Reporting One or More Symptom of Burnout


Supply and Demand by State


Note: PAs were asked if their principal place of employment is currently recruiting/hiring PAs. If yes, they were asked how long the
PA positions have remained unfilled.
*Percent derived from the number of certified PAs who said their principal employer is currently recruiting/hiring PAs.

## Principal Place of Employment is Recruiting/Hiring PAs by State



## Plan to Retire in the Next Five Years by State



Working with Other Health Professionals by State

|  | Solo practitioner with an offsite physician | Physician(s) | Other PAs | Advanced practice nurses | Registered nurses | Other levels of nurses (LPN, CNA) | Mental health providers | Dentist or hygienist | Pharmacist | Radiology tech | Physical therapist | Occupational therapist | Speech therapist |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| United States | 4.0\% | 79.1\% | 67.0\% | 58.9\% | 56.2\% | 27.3\% | 33.9\% | 5.1\% | 34.0\% | 30.9\% | 16.3\% | 12.6\% | 9.2\% |
| Alabama | 3.0\% | 75.9\% | 57.2\% | 58.1\% | 54.9\% | 29.7\% | 22.9\% | 2.9\% | 26.9\% | 31.4\% | 14.7\% | 10.8\% | 7.8\% |
| Alaska | 13.0\% | 72.9\% | 67.5\% | 55.4\% | 54.7\% | 27.9\% | 40.2\% | 14.4\% | 34.6\% | 29.0\% | 17.9\% | 9.7\% | 5.1\% |
| Arizona | 5.7\% | 75.5\% | 64.9\% | 54.9\% | 40.6\% | 17.7\% | 25.7\% | 4.2\% | 25.1\% | 26.4\% | 12.4\% | 8.2\% | 5.8\% |
| Arkansas | 3.6\% | 77.2\% | 56.4\% | 56.6\% | 58.8\% | 39.5\% | 28.8\% | 4.3\% | 30.5\% | 33.5\% | 19.1\% | 15.0\% | 10.1\% |
| California | 5.3\% | 77.0\% | 63.6\% | 52.5\% | 46.6\% | 20.3\% | 30.1\% | 6.5\% | 28.6\% | 26.5\% | 11.7\% | 8.0\% | 5.4\% |
| Colorad | 3.8\% | 81.0\% | 71.8\% | 58.2\% | 54.2\% | 24.0\% | 39.7\% | 7.9\% | 35.3\% | 29.1\% | 16.9\% | 13.3\% | 9.4\% |
| Connecticut | 2.9\% | 80.0\% | 71.7\% | 61.2\% | 60.4\% | 25.2\% | 39.4\% | 5.6\% | 40.7\% | 35.1\% | 22.0\% | 18.7\% | 15.7\% |
| Delaware | 1.3\% | 81.2\% | 69.6\% | 59.3\% | 59.0\% | 24.6\% | 33.2\% | 5.0\% | 34.2\% | 33.7\% | 16.6\% | 14.8\% | 12.3\% |
| D.C. | 2.1\% | 81.5\% | 70.8\% | 59.7\% | 61.7\% | 23.9\% | 40.7\% | 6.6\% | 40.7\% | 32.5\% | 22.6\% | 19.8\% | 17.3\% |
| Florida | 4.6\% | 76.3\% | 60.8\% | 55.2\% | 44.9\% | 22.1\% | 24.0\% | 3.4\% | 26.4\% | 26.0\% | 11.8\% | 8.5\% | 6.3\% |
| Georgia | 3.4\% | 79.2\% | 65.3\% | 60.6\% | 52.2\% | 26.8\% | 27.6\% | 3.3\% | 29.2\% | 28.2\% | 13.9\% | 10.6\% | 7.9\% |
| Hawaii | 5.9\% | 78.4\% | 64.2\% | 46.4\% | 53.6\% | 26.0\% | 34.0\% | 9.0\% | 34.5\% | 24.0\% | 14.7\% | 7.0\% | 3.6\% |
| Idaho | 6.1\% | 80.0\% | 69.7\% | 58.4\% | 55.2\% | 33.6\% | 29.8\% | 5.7\% | 27.3\% | 30.6\% | 12.1\% | 8.3\% | 5.5\% |
| Illinois | 3.4\% | 78.4\% | 64.3\% | 58.9\% | 59 | 26.1\% | 33.1\% | 5.6\% | 32.6\% | \% | 18.0\% | 13.2\% | 8.8\% |
| Indian | 3.3 | 75 | 60.8\% | 62.0\% | 59 | 30.4\% | 31.5\% | 2.3\% | 34.2\% | 34.2\% | 18.4\% | 15.4\% | 10.0\% |
| lowa | 4.4\% | 79.8\% | 65.2\% | 62.5\% | 68.0\% | 35.7\% | 32.8\% | 4.0\% | 33.7\% | 33.8\% | 16.0\% | 11.9\% | 6.9\% |
| Kansas | 4.4\% | 80.6\% | 67.6\% | 63.6\% | 63.5\% | 35.4\% | 29.9\% | 4.6\% | 32.8\% | 34.2\% | 18.6\% | 13.1\% | 9.1\% |
| Kentucky | 3.3\% | 78.7\% | 61.9\% | 63.8\% | 54.2\% | 29.8\% | 31.0\% | 4.3\% | 31.5\% | 32.1\% | 13.7\% | 10.6\% | 8.4\% |
| Louisiana | 4.5\% | 76.6\% | 63.5\% | 60.9\% | 57.3\% | 34.2\% | 28.4\% | 3.0\% | 30.0\% | 38.4\% | 15.3\% | 11.5\% | 7.7\% |
| Maine | 3.1\% | 81.1\% | 71.1\% | 70.1\% | 66.9\% | 28.3\% | 47.6\% | 5.1\% | 39.6\% | 34.2\% | 21.8\% | 18.3\% | 13.0\% |
| Maryland | 3.2\% | 80.4\% | 70.0\% | 60.3\% | 59.2\% | 23.6\% | 38.9\% | 4.2\% | 39.5\% | 33.6\% | 19.4\% | 16.5\% | 12.3\% |
| Massachusetts | 2.3\% | 79.2\% | 70.2\% | 62.3\% | 62.3\% | 27.0\% | 43.5\% | 5.1\% | 41.1\% | 32.4\% | 20.9\% | 16.9\% | 12.7\% |
| Michigan | 4.4\% | 80.2\% | 68.8\% | 59.9\% | 57.5\% | 23.0\% | 39.6\% | 4.1\% | 38.8\% | 29.1\% | 16.6\% | 13.5\% | 10.6\% |
| Minnesota | 3.3\% | 81.8\% | 74.2\% | 67.7\% | 69.3\% | 36.9\% | 43.6\% | 3.9\% | 45.5\% | 38.1\% | 24.2\% | 19.9\% | 12.5\% |
| Mississippi | 2.3\% | 78.8\% | 52.1\% | 65.3\% | 59.2\% | 38.3\% | 28.3\% | 3.5\% | 30.5\% | 35.4\% | 18.6\% | 16.1\% | 11.3\% |
| Missouri | 3.3\% | 79.5\% | 62.7\% | 62.7\% | 59.5\% | 32.8\% | 32.4\% | 4.3\% | 33.0\% | 35.3\% | 17.0\% | 13.8\% | 9.8\% |
| Montana | 5.2\% | 81.2\% | 71.4\% | 62.4\% | 64.8\% | 35.1\% | 35.6\% | 7.3\% | 40.0\% | 35.8\% | 19.1\% | 12.7\% | 8.3\% |
| Nebraska | 3.6\% | 81.6\% | 70.5\% | 57.1\% | 65.8\% | 37.7\% | 29.0\% | 4.9\% | 34.9\% | 36.2\% | 20.1\% | 15.2\% | 10.8\% |
| Nevada | 7.8\% | 75.5\% | 63.1\% | 55.8\% | 39.8\% | 20.3\% | 25.2\% | 4.7\% | 23.8\% | 25.9\% | 11.3\% | 7.0\% | 4.4\% |
| New Hampshire | 3.5\% | 85.1\% | 75.2\% | 66.2\% | 67.3\% | 34.7\% | 39.6\% | 3.5\% | 36.4\% | 36.4\% | 21.4\% | 18.2\% | 10.8\% |
| New Jersey | 2.6\% | 79.6\% | 68.0\% | 54.1\% | 55.0\% | 22.0\% | 34.4\% | 4.9\% | 33.5\% | 32.2\% | 17.6\% | 13.5\% | 10.3\% |
| New Mexico | 4.9\% | 79.7\% | 66.2\% | 63.2\% | 56.3\% | 24.1\% | 40.4\% | 10.5\% | 40.1\% | 31.8\% | 17.1\% | 11.4\% | 8.4\% |
| New York | 3.1\% | 79.8\% | 71.1\% | 58.4\% | 62.1\% | 26.6\% | 38.9\% | 6.7\% | 39.5\% | 33.7\% | 18.4\% | 14.2\% | 11.5\% |
| North Carolina | 5.4\% | 77.1\% | 67.7\% | 58.5\% | 55.5\% | 32.8\% | 33.5\% | 3.9\% | 32.5\% | 28.9\% | 14.2\% | 11.4\% | 8.8\% |
| North Dakota | 3.5\% | 80.8\% | 65.5\% | 70.8\% | 70.2\% | 41.6\% | 36.6\% | 3.8\% | 36.9\% | 35.4\% | 20.9\% | 15.9\% | 7.4\% |
| Ohio | 3.1\% | 80.7\% | 67.7\% | 63.9\% | 62.5\% | 29.8\% | 36.6\% | 3.8\% | 38.8\% | 35.0\% | 17.8\% | 14.3\% | 10.2\% |
| Oklahoma | 6.4\% | 79.3\% | 64.6\% | 56.0\% | 53.4\% | 34.5\% | 32.0\% | 8.2\% | 32.9\% | 31.7\% | 15.1\% | 10.7\% | 8.2\% |
| Oregon | 4.3\% | 84.4\% | 72.5\% | 59.8\% | 57.4\% | 25.6\% | 40.3\% | 5.1\% | 37.4\% | 29.7\% | 15.7\% | 11.8\% | 8.5\% |
| Pennsylvania | 2.0\% | 82.4\% | 71.1\% | 59.3\% | 63.9\% | 31.2\% | 35.6\% | 4.0\% | 34.4\% | 30.9\% | 18.3\% | 15.7\% | 12.2\% |
| Rhode Island | 1.8\% | 80.4\% | 70.8\% | 65.5\% | 58.8\% | 26.5\% | 39.8\% | 5.9\% | 39.4\% | 30.6\% | 21.8\% | 19.0\% | 10.2\% |
| South Carolina | 3.6\% | 76.0\% | 61.7\% | 55.1\% | 52.2\% | 31.1\% | 28.1\% | 3.7\% | 30.2\% | 30.6\% | 15.8\% | 12.2\% | 9.0\% |
| South Dakota | 6.3\% | 81.3\% | 69.6\% | 68.6\% | 73.2\% | 38.7\% | 34.7\% | 7.3\% | 41.8\% | 42.5\% | 22.0\% | 16.7\% | 9.1\% |
| Tennessee | 6.8\% | 73.1\% | 59.8\% | 60.9\% | 47.9\% | 32.8\% | 25.7\% | 3.2\% | 25.3\% | 31.8\% | 13.5\% | 8.9\% | 6.2\% |
| Texas | 4.7\% | 77.8\% | 62.2\% | 55.6\% | 46.3\% | 23.6\% | 29.2\% | 5.1\% | 28.6\% | 26.6\% | 13.5\% | 10.3\% | 7.8\% |
| Utah | 3.6\% | 78.7\% | 66.6\% | 58.0\% | 47.7\% | 19.7\% | 32.0\% | 5.5\% | 33.4\% | 27.0\% | 13.0\% | 9.0\% | 7.0\% |
| Vermont | 5.1\% | 82.6\% | 72.1\% | 63.5\% | 68.6\% | 31.4\% | 47.2\% | 7.2\% | 35.4\% | 33.5\% | 17.7\% | 15.0\% | 10.2\% |
| Virginia | 2.7\% | 79.3\% | 66.1\% | 59.1\% | 56.1\% | 31.7\% | 32.1\% | 4.7\% | 32.9\% | 32.6\% | 16.3\% | 13.1\% | 10.0\% |
| Washington | 3.9\% | 81.2\% | 71.8\% | 59.0\% | 60.5\% | 27.4\% | 40.4\% | 7.5\% | 39.6\% | 32.3\% | 17.4\% | 13.7\% | 9.3\% |
| West Virginia | 3.8\% | 83.4\% | 66.9\% | 63.4\% | 57.0\% | 33.3\% | 36.2\% | 7.9\% | 33.8\% | 28.8\% | 11.6\% | 8.4\% | 6.9\% |
| Wisconsin | 3.6\% | 83.1\% | 71.7\% | 69.5\% | 72.9\% | 34.8\% | 40.6\% | 3.7\% | 46.2\% | 38.6\% | 23.6\% | 18.6\% | 12.1\% |
| Wyoming | 7.3\% | 82.3\% | 62.3\% | 56.2\% | 67.3\% | 35.4\% | 32.3\% | 10.8\% | 29.6\% | 40.8\% | 16.5\% | 10.8\% | 3.5\% |

[^4]
## Works with Other PAs in their Principal Clinical Position by State



Prescribing by State

|  | Prescribe pharmacologic agents for patients | Number of prescriptions/refills written per week |  |  |  |  |  | Median number of prescriptions written per week |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1 to 10 | 11 to 20 | 21 to 30 | 31 to 40 | 41 to 50 | Over 50 |  |
| United States | 95.7\% | 21.8\% | 16.6\% | 11.9\% | 6.3\% | 12.1\% | 31.2\% | 30 |
| Alabama | 91.4\% | 21.8\% | 15.7\% | 11.1\% | 5.8\% | 11.8\% | 33.8\% | 35 |
| Alaska | 97.5\% | 23.1\% | 21.4\% | 12.3\% | 8.9\% | 13.0\% | 21.2\% | 27 |
| Arizona | 96.6\% | 20.1\% | 13.4\% | 9.2\% | 6.0\% | 12.7\% | 38.6\% | 50 |
| Arkansas | 95.8\% | 21.6\% | 14.6\% | 11.4\% | 4.7\% | 11.2\% | 36.5\% | 40 |
| California | 96.5\% | 20.2\% | 14.6\% | 11.0\% | 6.6\% | 12.5\% | 35.0\% | 40 |
| Colorado | 98.0\% | 22.5\% | 19.5\% | 14.3\% | 7.8\% | 11.2\% | 24.7\% | 30 |
| Connecticut | 95.4\% | 30.6\% | 19.6\% | 12.0\% | 5.6\% | 10.3\% | 21.9\% | 20 |
| Delaware | 95.1\% | 22.1\% | 17.7\% | 13.4\% | 8.0\% | 11.7\% | 27.1\% | 30 |
| D.C. | 95.4\% | 24.9\% | 21.0\% | 11.0\% | 6.1\% | 12.7\% | 24.3\% | 28 |
| Florida | 93.1\% | 22.0\% | 14.9\% | 11.3\% | 6.4\% | 12.7\% | 32.6\% | 40 |
| Georgia | 93.6\% | 18.3\% | 14.6\% | 10.8\% | 5.8\% | 11.7\% | 38.8\% | 40 |
| Hawaii | 95.2\% | 21.2\% | 15.7\% | 14.0\% | 6.1\% | 13.0\% | 30.0\% | 30 |
| Idaho | 99.4\% | 15.3\% | 15.2\% | 14.4\% | 6.9\% | 12.2\% | 36.0\% | 40 |
| Illinois | 97.1\% | 21.2\% | 16.5\% | 13.0\% | 6.5\% | 11.9\% | 30.9\% | 30 |
| Indiana | 94.4\% | 24.0\% | 18.7\% | 13.3\% | 6.1\% | 12.1\% | 25.8\% | 30 |
| lowa | 98.2\% | 15.9\% | 15.6\% | 11.8\% | 6.3\% | 13.4\% | 36.9\% | 40 |
| Kansas | 97.7\% | 18.7\% | 18.4\% | 14.3\% | 6.9\% | 12.5\% | 29.2\% | 30 |
| Kentucky | 94.8\% | 19.9\% | 13.3\% | 9.7\% | 6.3\% | 12.3\% | 38.5\% | 45 |
| Louisiana | 92.1\% | 20.9\% | 15.7\% | 11.2\% | 7.0\% | 12.4\% | 32.8\% | 40 |
| Maine | 96.3\% | 33.6\% | 20.8\% | 13.0\% | 5.5\% | 10.7\% | 16.5\% | 20 |
| Maryland | 95.3\% | 25.6\% | 18.5\% | 12.3\% | 5.8\% | 10.0\% | 27.7\% | 30 |
| Massachusetts | 96.3\% | 29.7\% | 21.3\% | 12.8\% | 6.0\% | 10.0\% | 20.2\% | 20 |
| Michigan | 95.6\% | 22.7\% | 16.2\% | 11.1\% | 5.5\% | 11.9\% | 32.6\% | 30 |
| Minnesota | 97.5\% | 22.3\% | 20.0\% | 12.7\% | 7.3\% | 11.9\% | 25.7\% | 30 |
| Mississippi | 98.8\% | 18.0\% | 18.4\% | 9.6\% | 5.4\% | 11.7\% | 36.8\% | 40 |
| Missouri | 95.4\% | 23.2\% | 16.7\% | 11.6\% | 6.8\% | 12.1\% | 29.6\% | 30 |
| Montana | 98.8\% | 19.2\% | 19.5\% | 13.2\% | 9.4\% | 12.7\% | 26.1\% | 30 |
| Nebraska | 97.6\% | 17.7\% | 18.3\% | 11.8\% | 6.1\% | 13.6\% | 32.4\% | 40 |
| Nevada | 96.3\% | 14.9\% | 14.3\% | 7.2\% | 5.8\% | 13.8\% | 43.9\% | 50 |
| New Hampshire | 97.0\% | 28.3\% | 19.9\% | 12.6\% | 7.9\% | 11.5\% | 19.9\% | 25 |
| New Jersey | 94.9\% | 27.5\% | 16.9\% | 11.8\% | 5.3\% | 11.4\% | 27.2\% | 30 |
| New Mexico | 97.7\% | 19.8\% | 18.1\% | 11.4\% | 6.2\% | 14.7\% | 29.8\% | 32 |
| New York | 93.8\% | 26.7\% | 17.9\% | 12.0\% | 5.5\% | 11.8\% | 26.2\% | 30 |
| North Carolina | 96.5\% | 17.1\% | 14.6\% | 12.8\% | 6.6\% | 12.7\% | 36.3\% | 40 |
| North Dakota | 98.9\% | 17.5\% | 14.3\% | 12.1\% | 7.5\% | 13.2\% | 35.4\% | 40 |
| Ohio | 93.4\% | 21.6\% | 17.3\% | 12.2\% | 7.2\% | 12.4\% | 29.3\% | 30 |
| Oklahoma | 94.6\% | 18.7\% | 13.4\% | 9.1\% | 5.2\% | 12.8\% | 40.8\% | 50 |
| Oregon | 97.8\% | 18.5\% | 19.0\% | 12.9\% | 7.4\% | 13.0\% | 29.2\% | 30 |
| Pennsylvania | 95.9\% | 23.4\% | 17.8\% | 13.2\% | 5.9\% | 12.3\% | 27.3\% | 30 |
| Rhode Island | 96.2\% | 20.2\% | 19.4\% | 13.7\% | 9.4\% | 11.3\% | 25.9\% | 30 |
| South Carolina | 96.3\% | 18.0\% | 14.7\% | 12.1\% | 5.9\% | 12.6\% | 36.6\% | 40 |
| South Dakota | 97.9\% | 20.8\% | 15.9\% | 14.5\% | 7.5\% | 13.5\% | 27.8\% | 30 |
| Tennessee | 96.7\% | 16.0\% | 14.4\% | 11.4\% | 6.3\% | 12.3\% | 39.6\% | 50 |
| Texas | 95.5\% | 20.8\% | 13.7\% | 9.6\% | 5.0\% | 12.0\% | 38.9\% | 45 |
| Utah | 97.3\% | 17.1\% | 15.8\% | 13.5\% | 6.2\% | 14.0\% | 33.4\% | 40 |
| Vermont | 95.7\% | 27.8\% | 18.9\% | 12.6\% | 7.9\% | 12.6\% | 20.2\% | 25 |
| Virginia | 96.4\% | 18.4\% | 15.9\% | 12.2\% | 6.5\% | 12.8\% | 34.2\% | 40 |
| Washington | 97.0\% | 18.9\% | 17.5\% | 13.3\% | 8.5\% | 12.4\% | 29.4\% | 30 |
| West Virginia | 93.3\% | 17.5\% | 14.5\% | 7.7\% | 5.9\% | 12.4\% | 42.0\% | 50 |
| Wisconsin | 98.2\% | 22.9\% | 21.1\% | 13.7\% | 7.2\% | 11.9\% | 23.3\% | 30 |
| Wyoming | 97.8\% | 18.5\% | 16.7\% | 12.5\% | 7.9\% | 15.7\% | 28.7\% | 40 |

Note: PAs were asked if they prescribe pharmacological agents for patients and, if so, how many prescriptions/refills they write per week.

## Median Number of Prescriptions Written per Week by State



Patient Panels by State


Note: PAs were asked if they manage a patient panel at their principal practice and, if so, how many patients are in their panel.

PAs with a Patient Panel by State


Armed Forces and Military Status by State

|  | Served in U.S. Military | Military status |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Active duty | National Guard | Reserve | Veteran | Retired |
| United States | 8.6\% | 19.9\% | 8.8\% | 4.9\% | 43.9\% | 22.4\% |
| Alabama | 10.6\% | 26.9\% | 16.3\% | 2.9\% | 31.7\% | 22.1\% |
| Alaska | 28.5\% | 25.5\% | 6.2\% | 1.9\% | 43.5\% | 23.0\% |
| Arizona | 10.8\% | 10.4\% | 7.1\% | 6.8\% | 52.8\% | 22.8\% |
| Arkansas | 9.9\% | 22.6\% | 18.9\% | 1.9\% | 28.3\% | 28.3\% |
| California | 7.9\% | 21.9\% | 5.2\% | 5.4\% | 54.2\% | 13.2\% |
| Colorado | 9.1\% | 25.1\% | 8.5\% | 5.4\% | 42.3\% | 18.9\% |
| Connecticut | 4.1\% | 11.7\% | 13.6\% | 6.8\% | 53.4\% | 14.6\% |
| Delaware | 6.3\% | 24.0\% | 8.0\% | 4.0\% | 24.0\% | 40.0\% |
| D.C. | 8.3\% | 45.0\% | 10.0\% | 0.0\% | 40.0\% | 5.0\% |
| Florida | 10.5\% | 16.0\% | 5.4\% | 4.8\% | 47.2\% | 26.6\% |
| Georgia | 10.0\% | 23.9\% | 8.8\% | 3.8\% | 41.0\% | 22.6\% |
| Hawaii | 27.1\% | 50.5\% | 7.6\% | 4.8\% | 21.9\% | 15.2\% |
| Idaho | 10.7\% | 9.8\% | 15.0\% | 3.8\% | 51.1\% | 20.3\% |
| Illinois | 4.9\% | 14.0\% | 11.2\% | 5.6\% | 52.0\% | 17.3\% |
| Indiana | 4.8\% | 6.6\% | 25.3\% | 1.1\% | 44.0\% | 23.1\% |
| lowa | 7.0\% | 16.5\% | 17.6\% | 3.5\% | 42.4\% | 20.0\% |
| Kansas | 10.5\% | 26.4\% | 12.8\% | 2.4\% | 29.6\% | 28.8\% |
| Kentucky | 7.5\% | 26.5\% | 10.3\% | 3.4\% | 36.8\% | 23.1\% |
| Louisiana | 8.0\% | 24.5\% | 12.3\% | 2.8\% | 39.6\% | 20.8\% |
| Maine | 9.0\% | 3.8\% | 15.2\% | 6.3\% | 60.8\% | 13.9\% |
| Maryland | 8.1\% | 27.2\% | 9.5\% | 3.3\% | 42.0\% | 18.1\% |
| Massachusetts | 3.6\% | 15.3\% | 10.9\% | 9.5\% | 43.1\% | 21.2\% |
| Michigan | 4.2\% | 12.6\% | 10.9\% | 3.8\% | 56.3\% | 16.4\% |
| Minnesota | 5.2\% | 5.6\% | 19.3\% | 8.1\% | 46.0\% | 21.1\% |
| Mississippi | 17.4\% | 33.3\% | 22.2\% | 0.0\% | 20.4\% | 24.1\% |
| Missouri | 11.1\% | 13.8\% | 10.5\% | 8.6\% | 44.1\% | 23.0\% |
| Montana | 11.7\% | 6.8\% | 13.6\% | 4.5\% | 50.0\% | 25.0\% |
| Nebraska | 6.7\% | 12.8\% | 16.3\% | 8.1\% | 43.0\% | 19.8\% |
| Nevada | 16.4\% | 22.4\% | 4.7\% | 2.9\% | 42.4\% | 27.6\% |
| New Hampshire | 7.2\% | 10.6\% | 21.2\% | 4.5\% | 47.0\% | 16.7\% |
| New Jersey | 3.1\% | 15.1\% | 15.1\% | 12.3\% | 42.5\% | 15.1\% |
| New Mexico | 15.1\% | 25.4\% | 5.1\% | 2.5\% | 45.8\% | 21.2\% |
| New York | 3.9\% | 13.2\% | 5.6\% | 7.4\% | 56.4\% | 17.4\% |
| North Carolina | 11.4\% | 22.9\% | 6.4\% | 4.9\% | 40.3\% | 25.5\% |
| North Dakota | 9.7\% | 42.4\% | 15.2\% | 0.0\% | 18.2\% | 24.2\% |
| Ohio | 6.5\% | 14.7\% | 11.3\% | 4.2\% | 53.6\% | 16.2\% |
| Oklahoma | 10.1\% | 18.6\% | 11.8\% | 1.2\% | 42.2\% | 26.1\% |
| Oregon | 7.9\% | 8.4\% | 13.0\% | 4.5\% | 52.6\% | 21.4\% |
| Pennsylvania | 4.4\% | 10.8\% | 12.5\% | 4.1\% | 55.5\% | 17.1\% |
| Rhode Island | 6.5\% | 15.6\% | 15.6\% | 6.3\% | 46.9\% | 15.6\% |
| South Carolina | 11.1\% | 16.5\% | 8.7\% | 8.7\% | 41.6\% | 24.7\% |
| South Dakota | 11.9\% | 8.5\% | 31.0\% | 4.2\% | 40.8\% | 15.5\% |
| Tennessee | 12.7\% | 24.8\% | 10.0\% | 4.1\% | 37.3\% | 23.8\% |
| Texas | 14.4\% | 24.4\% | 4.9\% | 4.6\% | 34.3\% | 31.7\% |
| Utah | 8.6\% | 10.3\% | 16.4\% | 8.2\% | 43.2\% | 21.9\% |
| Vermont | 7.8\% | 3.4\% | 24.1\% | 3.4\% | 31.0\% | 37.9\% |
| Virginia | 13.0\% | 31.4\% | 4.9\% | 5.9\% | 33.0\% | 24.8\% |
| Washington | 17.9\% | 16.8\% | 5.8\% | 4.8\% | 49.7\% | 23.0\% |
| West Virginia | 6.9\% | 12.1\% | 9.1\% | 1.5\% | 54.5\% | 22.7\% |
| Wisconsin | 6.1\% | 6.0\% | 15.3\% | 5.5\% | 49.2\% | 24.0\% |
| Wyoming | 15.8\% | 19.5\% | 14.6\% | 7.3\% | 36.6\% | 22.0\% |

Note: PAs were asked if they now serve or have ever served in the U.S. Armed Forces and, if so, to provide their current status.

Ever Served in the U.S. Armed Forces by State


Certificate of Added Qualifications Issued by State

|  | Certificates of added qualifications (CAQs)* |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | CVTS | EM | HOSP | NEPH | ORTH | PED | PSYCH | TOTAL |
| United States | 74 | 1,254 | 229 | 40 | 286 | 89 | 782 | 2,754 |
| Alabama | 0 | 6 | 0 | 2 | 3 | 0 | 3 | 14 |
| Alaska | 0 | 2 | 0 | 1 | 2 | 0 | 6 | 11 |
| Arizona | 0 | 25 | 3 | 0 | 14 | 0 | 28 | 70 |
| Arkansas | 1 | 4 | 1 | 0 | 3 | 1 | 4 | 14 |
| California | 5 | 84 | 10 | 3 | 37 | 4 | 62 | 205 |
| Colorado | 2 | 54 | 3 | 3 | 10 | 6 | 38 | 116 |
| Connecticut | 1 | 18 | 2 | 0 | 4 | 2 | 5 | 32 |
| Delaware | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 3 |
| D.C. | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 9 |
| Florida | 4 | 49 | 11 | 1 | 13 | 4 | 64 | 146 |
| Georgia | 3 | 14 | 5 | 3 | 6 | 2 | 16 | 49 |
| Hawaii | 0 | 4 | 0 | 0 | 4 | 0 | 1 | 9 |
| Idaho | 0 | 4 | 3 | 0 | 1 | 1 | 18 | 27 |
| Illinois | 3 | 20 | 9 | 0 | 9 | 5 | 20 | 66 |
| Indiana | 1 | 10 | 5 | 0 | 1 | 2 | 5 | 24 |
| lowa | 0 | 8 | 2 | 0 | 4 | 1 | 13 | 28 |
| Kansas | 0 | 6 | 1 | 0 | 4 | 2 | 5 | 18 |
| Kentucky | 0 | 12 | 1 | 1 | 1 | 0 | 6 | 21 |
| Louisiana | 3 | 4 | 2 | 0 | 0 | 0 | 5 | 14 |
| Maine | 3 | 25 | 10 | 1 | 7 | 0 | 4 | 50 |
| Maryland | 0 | 103 | 6 | 1 | 11 | 0 | 9 | 130 |
| Massachusetts | 2 | 67 | 6 | 2 | 7 | 1 | 12 | 97 |
| Michigan | 4 | 18 | 15 | 2 | 4 | 3 | 30 | 76 |
| Minnesota | 2 | 45 | 6 | 1 | 3 | 0 | 20 | 77 |
| Mississippi | 0 | 5 | 0 | 0 | 1 | 0 | 3 | 9 |
| Missouri | 2 | 17 | 6 | 1 | 4 | 1 | 18 | 49 |
| Montana | 2 | 16 | 3 | 1 | 4 | 0 | 5 | 31 |
| Nebraska | 0 | 8 | 3 | 0 | 3 | 0 | 4 | 18 |
| Nevada | 1 | 8 | 0 | 1 | 1 | 2 | 2 | 15 |
| New Hampshire | 0 | 21 | 4 | 0 | 2 | 2 | 3 | 32 |
| New Jersey | 4 | 13 | 0 | 0 | 6 | 2 | 11 | 36 |
| New Mexico | 4 | 4 | 0 | 0 | 2 | 1 | 6 | 17 |
| New York | 3 | 98 | 14 | 3 | 17 | 3 | 16 | 154 |
| North Carolina | 3 | 70 | 13 | 2 | 12 | 3 | 68 | 171 |
| North Dakota | 0 | 1 | 1 | 1 | 1 | 0 | 4 | 8 |
| Ohio | 2 | 46 | 11 | 0 | 8 | 4 | 22 | 93 |
| Oklahoma | 0 | 18 | 0 | 1 | 3 | 2 | 11 | 35 |
| Oregon | 2 | 15 | 2 | 0 | 3 | 1 | 9 | 32 |
| Pennsylvania | 5 | 47 | 29 | 4 | 19 | 11 | 53 | 168 |
| Rhode Island | 0 | 4 | 1 | 0 | 1 | 1 | 2 | 9 |
| South Carolina | 0 | 36 | 3 | 1 | 4 | 2 | 10 | 56 |
| South Dakota | 0 | 2 | 0 | 1 | 1 | 0 | 3 | 7 |
| Tennessee | 1 | 23 | 3 | 0 | 2 | 1 | 9 | 39 |
| Texas | 2 | 52 | 11 | 2 | 20 | 8 | 67 | 162 |
| Utah | 1 | 2 | 3 | 1 | 1 | 1 | 16 | 25 |
| Vermont | 0 | 21 | 0 | 0 | 1 | 0 | 1 | 23 |
| Virginia | 2 | 57 | 3 | 0 | 8 | 3 | 28 | 101 |
| Washington | 0 | 42 | 9 | 0 | 6 | 2 | 16 | 75 |
| West Virginia | 0 | 6 | 2 | 0 | 1 | 2 | 12 | 23 |
| Wisconsin | 4 | 24 | 7 | 0 | 6 | 3 | 8 | 52 |
| Wyoming | 0 | 5 | 0 | 0 | 1 | 0 | 1 | 7 |

Six PAs residing outside the U.S. have earned a CAQ.
CAQ abbreviations: cardiovascular thoracic surgery (CVTS), emergency medicine (EM), hospital medicine (HM), orthopaedic surgery (ORTH), pediatrics (PED), psychiatry (PSY).
Note: The CAQ is a voluntary credential that board certified PAs can earn in 10 specialties. Dermatology, palliative medicine and hospice care, and obstetrics and gynecology were added in 2023. 2022 Statistical Profile of Board Certified PAs by State ©NCCPA 2024

CAQs Issued by State


## Future Data on Board Certified PAs

NCCPA pursues a research agenda that focuses on its core activities and the ongoing evaluation and improvement of its exams and certification program. NCCPA is also committed to collaborating with external researchers to share data in appropriate and ethical ways to further advance the health and safety of the public or otherwise conduct useful research related to board certified PAs. To facilitate research collaborations, NCCPA developed Policies for the Review of Requests for Data and External Research Collaboration and guidelines that describe the process external researchers must follow for submitting requests for data and how those requests will be reviewed. The policies and guidelines are provided on NCCPA's website at https://www.nccpa.net/resources/nccpa-research/.

This Statistical Profile will be updated and published annually. In addition, NCCPA provides supplementary reports that are currently available and updated annually. Those reports include:

- Statistical Profile of Board Certified PAs
- Statistical Profile of Board Certified PAs by Specialty
- Specialty Supplement Report on Secondary Specialty
- Statistical Profile of Recently Board Certified PAs

Please cite this report as follows:
National Commission on Certification of PAs, Inc. (2024, January). 2022 Statistical Profile of Board Certified PAs by State: An Annual Report of the National Commission on Certification of PAs. Retrieved Date, from https://www.nccpa.net/resources/nccpa-research/.

This study is exempt from IRB review pursuant to the terms of the U.S. Department of Health and Human Service’s Policy for Protection of Human Research Subjects at 45C.F.R. §46.101(b).

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Changed Specialties by State

|  | Have not changed specialties | 1 time | 2 to 3 times | 4 to 5 times | 6 to 10 times | Over 10 times |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| United States | 46.5\% | 22.7\% | 22.9\% | 6.2\% | 1.6\% | 0.1\% |
| Alabama | 45.8\% | 20.5\% | 26.1\% | 5.8\% | 1.9\% | 0.0\% |
| Alaska | 41.5\% | 26.0\% | 20.9\% | 9.9\% | 1.8\% | 0.0\% |
| Arizona | 43.0\% | 23.8\% | 22.9\% | 7.9\% | 2.2\% | 0.3\% |
| Arkansas | 51.8\% | 19.4\% | 21.3\% | 5.9\% | 1.6\% | 0.0\% |
| California | 44.9\% | 24.1\% | 23.5\% | 6.1\% | 1.5\% | 0.0\% |
| Colorado | 44.7\% | 23.9\% | 23.5\% | 6.4\% | 1.2\% | 0.3\% |
| Connecticut | 50.7\% | 21.3\% | 20.6\% | 6.3\% | 1.0\% | 0.1\% |
| Delaware | 49.8\% | 18.5\% | 24.4\% | 6.3\% | 1.0\% | 0.0\% |
| D.C. | 52.8\% | 26.9\% | 15.7\% | 2.8\% | 1.9\% | 0.0\% |
| Florida | 42.9\% | 22.4\% | 25.3\% | 7.3\% | 2.1\% | <0.1\% |
| Georgia | 44.6\% | 22.2\% | 23.5\% | 7.4\% | 2.1\% | 0.2\% |
| Hawaii | 40.3\% | 23.4\% | 24.9\% | 8.0\% | 3.5\% | 0.0\% |
| Idaho | 40.4\% | 23.8\% | 25.6\% | 8.5\% | 1.6\% | 0.0\% |
| Illinois | 50.7\% | 22.8\% | 20.0\% | 5.3\% | 1.1\% | 0.1\% |
| Indiana | 51.5\% | 22.9\% | 20.0\% | 4.8\% | 0.7\% | 0.1\% |
| lowa | 52.3\% | 22.9\% | 18.3\% | 5.7\% | 0.8\% | 0.0\% |
| Kansas | 47.7\% | 20.7\% | 24.5\% | 5.9\% | 1.2\% | 0.0\% |
| Kentucky | 45.2\% | 22.6\% | 24.3\% | 6.2\% | 1.6\% | 0.0\% |
| Louisiana | 46.6\% | 25.1\% | 21.2\% | 6.0\% | 0.9\% | 0.2\% |
| Maine | 39.6\% | 20.8\% | 28.1\% | 8.0\% | 3.3\% | 0.2\% |
| Maryland | 42.0\% | 22.2\% | 27.1\% | 6.5\% | 1.9\% | 0.2\% |
| Massachusetts | 54.5\% | 20.9\% | 19.6\% | 4.3\% | 0.8\% | 0.0\% |
| Michigan | 45.3\% | 24.7\% | 22.8\% | 5.6\% | 1.5\% | <0.1\% |
| Minnesota | 54.6\% | 22.6\% | 17.2\% | 4.6\% | 0.9\% | 0.1\% |
| Mississippi | 53.2\% | 18.2\% | 25.3\% | 3.2\% | 0.0\% | 0.0\% |
| Missouri | 48.6\% | 19.9\% | 24.4\% | 6.1\% | 1.0\% | 0.0\% |
| Montana | 42.6\% | 24.3\% | 23.8\% | 6.5\% | 2.8\% | 0.0\% |
| Nebraska | 48.9\% | 23.3\% | 21.4\% | 5.2\% | 1.2\% | 0.0\% |
| Nevada | 45.7\% | 19.1\% | 24.0\% | 9.1\% | 2.1\% | 0.2\% |
| New Hampshire | 47.1\% | 23.2\% | 22.8\% | 5.6\% | 1.0\% | 0.2\% |
| New Jersey | 49.6\% | 24.7\% | 19.2\% | 4.9\% | 1.6\% | 0.1\% |
| New Mexico | 41.6\% | 23.2\% | 22.1\% | 9.5\% | 3.7\% | 0.0\% |
| New York | 47.3\% | 22.7\% | 22.6\% | 5.9\% | 1.5\% | <0.1\% |
| North Carolina | 43.6\% | 22.9\% | 24.1\% | 6.9\% | 2.3\% | 0.2\% |
| North Dakota | 50.2\% | 16.7\% | 28.7\% | 3.8\% | 0.5\% | 0.0\% |
| Ohio | 50.0\% | 22.2\% | 20.7\% | 5.9\% | 1.2\% | 0.0\% |
| Oklahoma | 44.3\% | 22.7\% | 24.3\% | 6.9\% | 1.8\% | 0.0\% |
| Oregon | 48.9\% | 25.4\% | 19.4\% | 5.0\% | 1.3\% | 0.0\% |
| Pennsylvania | 49.3\% | 22.2\% | 21.6\% | 5.6\% | 1.3\% | 0.1\% |
| Rhode Island | 55.1\% | 21.2\% | 18.6\% | 4.2\% | 0.8\% | 0.0\% |
| South Carolina | 46.5\% | 20.8\% | 24.9\% | 6.3\% | 1.4\% | 0.0\% |
| South Dakota | 48.6\% | 19.6\% | 23.3\% | 6.3\% | 2.1\% | 0.0\% |
| Tennessee | 45.3\% | 21.3\% | 25.5\% | 6.3\% | 1.5\% | 0.1\% |
| Texas | 43.8\% | 22.0\% | 25.9\% | 6.5\% | 1.7\% | 0.1\% |
| Utah | 45.3\% | 22.2\% | 27.0\% | 4.9\% | 0.6\% | 0.0\% |
| Vermont | 43.5\% | 21.3\% | 27.1\% | 7.2\% | 0.5\% | 0.5\% |
| Virginia | 46.3\% | 23.8\% | 21.9\% | 6.0\% | 1.9\% | 0.1\% |
| Washington | 44.9\% | 24.5\% | 22.4\% | 6.3\% | 1.9\% | 0.0\% |
| West Virginia | 37.5\% | 21.6\% | 27.7\% | 10.4\% | 2.8\% | 0.0\% |
| Wisconsin | 50.5\% | 22.4\% | 20.6\% | 5.2\% | 1.4\% | 0.0\% |
| Wyoming | 44.9\% | 22.8\% | 20.9\% | 10.1\% | 1.3\% | 0.0\% |

# Changed Specialties Two or More Times During Career 



Employment Type by State

|  | Employee | Full or part owner | Independent contractor | Other* |
| :---: | :---: | :---: | :---: | :---: |
| United States | 93.4\% | 2.5\% | 3.2\% | 0.9\% |
| Alabama | 93.1\% | 2.4\% | 3.9\% | 0.6\% |
| Alaska | 92.7\% | 4.8\% | 1.9\% | 0.6\% |
| Arizona | 89.9\% | 3.0\% | 6.2\% | 0.9\% |
| Arkansas | 95.4\% | 0.4\% | 3.8\% | 0.4\% |
| California | 90.0\% | 3.6\% | 5.1\% | 1.3\% |
| Colorado | 92.9\% | 2.2\% | 3.2\% | 1.7\% |
| Connecticut | 96.2\% | 2.5\% | 0.7\% | 0.6\% |
| Delaware | 96.9\% | 2.6\% | 0.0\% | 0.5\% |
| D.C. | 96.2\% | 1.9\% | 0.9\% | 0.9\% |
| Florida | 88.9\% | 3.7\% | 6.5\% | 0.9\% |
| Georgia | 92.1\% | 2.1\% | 4.6\% | 1.2\% |
| Hawaii | 91.4\% | 3.2\% | 3.2\% | 2.2\% |
| Idaho | 87.9\% | 4.8\% | 5.9\% | 1.4\% |
| Illinois | 95.2\% | 2.0\% | 2.2\% | 0.6\% |
| Indiana | 97.9\% | 0.8\% | 1.0\% | 0.3\% |
| lowa | 95.3\% | 2.4\% | 1.6\% | 0.6\% |
| Kansas | 93.4\% | 1.7\% | 3.9\% | 1.0\% |
| Kentucky | 92.1\% | 3.1\% | 3.7\% | 1.1\% |
| Louisiana | 93.9\% | 3.0\% | 2.8\% | 0.3\% |
| Maine | 94.8\% | 1.2\% | 2.4\% | 1.7\% |
| Maryland | 93.4\% | 3.2\% | 2.6\% | 0.9\% |
| Massachusetts | 97.4\% | 1.3\% | 0.7\% | 0.7\% |
| Michigan | 93.2\% | 3.3\% | 2.6\% | 0.8\% |
| Minnesota | 96.9\% | 1.0\% | 1.3\% | 0.7\% |
| Mississippi | 95.1\% | 1.4\% | 3.5\% | 0.0\% |
| Missouri | 95.0\% | 2.0\% | 2.3\% | 0.8\% |
| Montana | 94.3\% | 1.8\% | 2.3\% | 1.6\% |
| Nebraska | 94.6\% | 2.7\% | 2.0\% | 0.8\% |
| Nevada | 87.8\% | 4.4\% | 6.4\% | 1.4\% |
| New Hampshire | 96.3\% | 1.7\% | 1.1\% | 0.9\% |
| New Jersey | 94.5\% | 2.5\% | 2.2\% | 0.8\% |
| New Mexico | 92.1\% | 3.7\% | 3.1\% | 1.1\% |
| New York | 94.2\% | 2.7\% | 2.5\% | 0.6\% |
| North Carolina | 93.0\% | 2.9\% | 3.1\% | 1.0\% |
| North Dakota | 94.3\% | 3.6\% | 2.1\% | 0.0\% |
| Ohio | 95.5\% | 1.6\% | 2.2\% | 0.8\% |
| Oklahoma | 91.8\% | 3.2\% | 4.0\% | 1.0\% |
| Oregon | 95.0\% | 1.8\% | 2.2\% | 1.0\% |
| Pennsylvania | 97.0\% | 1.1\% | 1.2\% | 0.7\% |
| Rhode Island | 97.0\% | 1.7\% | 0.9\% | 0.4\% |
| South Carolina | 94.1\% | 2.0\% | 2.7\% | 1.2\% |
| South Dakota | 94.3\% | 1.6\% | 3.2\% | 0.9\% |
| Tennessee | 89.7\% | 4.0\% | 4.7\% | 1.6\% |
| Texas | 90.4\% | 3.4\% | 5.3\% | 0.9\% |
| Utah | 93.1\% | 2.5\% | 3.6\% | 0.8\% |
| Vermont | 96.4\% | 0.5\% | 2.6\% | 0.5\% |
| Virginia | 94.0\% | 2.3\% | 2.3\% | 1.4\% |
| Washington | 94.2\% | 2.6\% | 2.4\% | 0.9\% |
| West Virginia | 97.1\% | 1.4\% | 1.4\% | 0.2\% |
| Wisconsin | 97.3\% | 1.0\% | 1.1\% | 0.5\% |
| Wyoming | 93.9\% | 0.7\% | 4.1\% | 1.4\% |

*Other employment types reported include: military assignment, retired but remaining certified,
volunteer as a PA in a clinical environment.

Employment Type: Employee


Treat Patients on Weekends and/or Evenings by State

|  | Yes | No |
| :---: | :---: | :---: |
| United States | 52.4\% | 47.6\% |
| Alabama | 51.9\% | 48.1\% |
| Alaska | 56.5\% | 43.5\% |
| Arizona | 49.9\% | 50.1\% |
| Arkansas | 36.0\% | 64.0\% |
| California | 48.9\% | 51.1\% |
| Colorado | 48.7\% | 51.3\% |
| Connecticut | 64.5\% | 35.5\% |
| Delaware | 57.9\% | 42.1\% |
| D.C. | 57.0\% | 43.0\% |
| Florida | 51.6\% | 48.4\% |
| Georgia | 47.8\% | 52.2\% |
| Hawaii | 48.6\% | 51.4\% |
| Idaho | 44.8\% | 55.2\% |
| Illinois | 55.6\% | 44.4\% |
| Indiana | 55.1\% | 44.9\% |
| lowa | 46.7\% | 53.3\% |
| Kansas | 50.4\% | 49.6\% |
| Kentucky | 48.1\% | 51.9\% |
| Louisiana | 53.9\% | 46.1\% |
| Maine | 52.6\% | 47.4\% |
| Maryland | 58.1\% | 41.9\% |
| Massachusetts | 53.3\% | 46.7\% |
| Michigan | 56.0\% | 44.0\% |
| Minnesota | 55.2\% | 44.8\% |
| Mississippi | 52.4\% | 47.6\% |
| Missouri | 49.5\% | 50.5\% |
| Montana | 54.1\% | 45.9\% |
| Nebraska | 50.5\% | 49.5\% |
| Nevada | 44.8\% | 55.2\% |
| New Hampshire | 57.8\% | 42.2\% |
| New Jersey | 63.0\% | 37.0\% |
| New Mexico | 45.8\% | 54.2\% |
| New York | 61.9\% | 38.1\% |
| North Carolina | 49.0\% | 51.0\% |
| North Dakota | 38.3\% | 61.7\% |
| Ohio | 55.2\% | 44.8\% |
| Oklahoma | 44.5\% | 55.5\% |
| Oregon | 47.3\% | 52.7\% |
| Pennsylvania | 56.0\% | 44.0\% |
| Rhode Island | 53.8\% | 46.2\% |
| South Carolina | 46.1\% | 53.9\% |
| South Dakota | 50.2\% | 49.8\% |
| Tennessee | 49.8\% | 50.2\% |
| Texas | 45.5\% | 54.5\% |
| Utah | 50.7\% | 49.3\% |
| Vermont | 48.5\% | 51.5\% |
| Virginia | 48.8\% | 51.2\% |
| Washington | 51.4\% | 48.6\% |
| West Virginia | 46.4\% | 53.6\% |
| Wisconsin | 50.6\% | 49.4\% |
| Wyoming | 50.0\% | 50.0\% |

## Treat Patients on Weekends and/or Evenings



## Changes in Work Environment by Specialty

|  | Competition for jobs with other healthcare professionals |  |  |  | Clinical opportunities available |  |  |  | Quality of working conditions |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Increased | No change | $\begin{gathered} \text { Decreas- } \\ \text { ed } \end{gathered}$ | NA* | $\begin{gathered} \hline \text { Increas- } \\ \text { ed } \end{gathered}$ | No change | $\begin{gathered} \text { Decreas- } \\ \text { ed } \end{gathered}$ | NA | $\begin{array}{\|c} \text { Increas- } \\ \text { ed } \end{array}$ | No change | $\begin{gathered} \text { Decreas- } \\ \text { ed } \end{gathered}$ | NA |
| United States | 25.4\% | 54.6\% | 3.4\% | 16.6\% | 26.0\% | 48.7\% | 12.9\% | 12.4\% | 10.8\% | 44.5\% | 37.5\% | 7.2\% |
| Alabama | 29.5\% | 51.0\% | 2.5\% | 17.1\% | 19.1\% | 51.5\% | 16.8\% | 12.7\% | 9.8\% | 54.8\% | 28.2\% | 7.2\% |
| Alaska | 17.6\% | 66.0\% | 4.0\% | 12.5\% | 25.4\% | 57.8\% | 7.3\% | 9.5\% | 12.6\% | 51.5\% | 28.5\% | 7.4\% |
| Arizona | 23.2\% | 57.0\% | 6.0\% | 14.8\% | 27.1\% | 49.5\% | 11.1\% | 12.3\% | 12.6\% | 44.8\% | 34.9\% | 7.7\% |
| Arkansas | 36.5\% | 46.2\% | 2.8\% | 14.5\% | 24.5\% | 38.6\% | 26.5\% | 10.4\% | 13.9\% | 46.1\% | 31.8\% | 8.2\% |
| California | 23.9\% | 55.8\% | 4.4\% | 15.9\% | 32.5\% | 45.2\% | 10.1\% | 12.2\% | 15.0\% | 45.9\% | 31.8\% | 7.3\% |
| Colorado | 26.3\% | 52.1\% | 3.3\% | 18.3\% | 23.3\% | 47.8\% | 14.9\% | 14.0\% | 10.0\% | 43.8\% | 39.0\% | 7.2\% |
| Connecticut | 18.3\% | 59.9\% | 5.0\% | 16.8\% | 31.6\% | 48.4\% | 8.2\% | 11.8\% | 9.8\% | 43.4\% | 40.7\% | 6.1\% |
| D.C. | 20.8\% | 61.5\% | 2.9\% | 15.4\% | 26.2\% | 58.3\% | 9.7\% | 5.8\% | 8.3\% | 48.1\% | 38.5\% | 2.9\% |
| Delaware | 20.2\% | 58.9\% | 4.1\% | 16.2\% | 31.5\% | 47.2\% | 11.7\% | 9.6\% | 10.6\% | 42.5\% | 42.5\% | 6.7\% |
| Florida | 31.3\% | 49.6\% | 2.0\% | 17.1\% | 24.6\% | 45.5\% | 15.8\% | 14.1\% | 11.5\% | 44.1\% | 35.1\% | 9.3\% |
| Georgia | 26.5\% | 52.6\% | 2.3\% | 18.6\% | 22.5\% | 47.8\% | 15.1\% | 14.6\% | 9.4\% | 47.2\% | 34.9\% | 8.5\% |
| Hawaii | 22.4\% | 55.2\% | 2.6\% | 19.8\% | 24.5\% | 45.3\% | 15.1\% | 15.1\% | 14.6\% | 43.2\% | 30.2\% | 12.0\% |
| Idaho | 25.5\% | 56.2\% | 5.0\% | 13.3\% | 23.5\% | 54.1\% | 13.1\% | 9.2\% | 11.6\% | 50.4\% | 33.0\% | 5.1\% |
| Illinois | 27.2\% | 51.3\% | 3.1\% | 18.3\% | 26.5\% | 46.8\% | 13.3\% | 13.4\% | 10.4\% | 45.2\% | 37.6\% | 6.8\% |
| Indiana | 28.8\% | 50.5\% | 1.5\% | 19.2\% | 19.4\% | 49.3\% | 17.4\% | 14.0\% | 9.5\% | 44.6\% | 37.9\% | 7.9\% |
| lowa | 28.0\% | 54.4\% | 2.5\% | 15.2\% | 17.1\% | 51.5\% | 20.2\% | 11.2\% | 7.0\% | 53.4\% | 34.0\% | 5.6\% |
| Kansas | 29.3\% | 51.1\% | 1.4\% | 18.2\% | 17.7\% | 48.7\% | 19.1\% | 14.5\% | 9.9\% | 46.3\% | 35.3\% | 8.5\% |
| Kentucky | 34.1\% | 51.6\% | 1.2\% | 13.2\% | 18.8\% | 50.0\% | 20.3\% | 10.9\% | 10.0\% | 48.4\% | 35.0\% | 6.7\% |
| Louisiana | 22.1\% | 63.4\% | 1.1\% | 13.4\% | 21.9\% | 55.0\% | 12.2\% | 10.8\% | 11.3\% | 54.2\% | 27.8\% | 6.7\% |
| Maine | 20.1\% | 54.7\% | 5.8\% | 19.4\% | 29.9\% | 46.4\% | 10.9\% | 12.8\% | 7.4\% | 33.2\% | 52.1\% | 7.4\% |
| Maryland | 21.7\% | 57.1\% | 4.0\% | 17.2\% | 30.6\% | 47.0\% | 9.4\% | 12.9\% | 11.0\% | 44.6\% | 36.9\% | 7.5\% |
| Massachusetts | 19.7\% | 56.4\% | 5.3\% | 18.6\% | 31.2\% | 48.6\% | 7.8\% | 12.4\% | 8.9\% | 42.1\% | 41.6\% | 7.4\% |
| Michigan | 26.2\% | 53.4\% | 2.5\% | 18.0\% | 21.8\% | 48.7\% | 16.7\% | 12.7\% | 8.7\% | 42.0\% | 42.5\% | 6.8\% |
| Minnesota | 23.2\% | 54.7\% | 4.7\% | 17.5\% | 25.9\% | 50.9\% | 11.4\% | 11.8\% | 8.5\% | 44.6\% | 41.3\% | 5.7\% |
| Mississippi | 28.7\% | 52.7\% | 4.0\% | 14.7\% | 21.6\% | 48.6\% | 19.6\% | 10.1\% | 12.8\% | 46.6\% | 34.5\% | 6.1\% |
| Missouri | 29.9\% | 53.5\% | 1.9\% | 14.6\% | 24.3\% | 49.4\% | 14.6\% | 11.8\% | 10.0\% | 45.3\% | 37.0\% | 7.6\% |
| Montana | 23.4\% | 59.9\% | 5.3\% | 11.3\% | 28.2\% | 52.5\% | 11.7\% | 7.6\% | 10.3\% | 44.1\% | 40.5\% | 5.1\% |
| Nebraska | 30.0\% | 52.9\% | 2.2\% | 15.0\% | 20.9\% | 51.0\% | 16.3\% | 11.8\% | 11.5\% | 52.5\% | 30.7\% | 5.3\% |
| Nevada | 26.3\% | 55.8\% | 3.3\% | 14.7\% | 25.3\% | 52.2\% | 11.9\% | 10.5\% | 13.1\% | 47.9\% | 32.8\% | 6.3\% |
| New Hampshire | 20.3\% | 57.4\% | 5.1\% | 17.3\% | 29.0\% | 49.7\% | 9.4\% | 11.9\% | 8.1\% | 42.2\% | 45.2\% | 4.5\% |
| New Jersey | 24.7\% | 58.8\% | 3.0\% | 13.5\% | 31.1\% | 48.3\% | 9.8\% | 10.8\% | 12.1\% | 45.1\% | 35.4\% | 7.4\% |
| New Mexico | 23.7\% | 50.3\% | 7.3\% | 18.8\% | 33.0\% | 43.5\% | 10.5\% | 13.0\% | 8.4\% | 42.0\% | 39.3\% | 10.3\% |
| New York | 23.6\% | 57.9\% | 3.8\% | 14.7\% | 32.2\% | 48.9\% | 8.3\% | 10.6\% | 11.0\% | 43.8\% | 39.6\% | 5.7\% |
| North Carolina | 23.3\% | 55.5\% | 2.7\% | 18.5\% | 23.6\% | 50.2\% | 12.1\% | 14.1\% | 8.8\% | 43.8\% | 39.6\% | 7.7\% |
| North Dakota | 27.5\% | 53.6\% | 3.9\% | 15.0\% | 14.0\% | 53.6\% | 22.7\% | 9.7\% | 7.8\% | 49.5\% | 36.9\% | 5.8\% |
| Ohio | 29.3\% | 50.7\% | 3.3\% | 16.7\% | 25.5\% | 46.3\% | 15.9\% | 12.3\% | 9.9\% | 44.1\% | 38.7\% | 7.3\% |
| Oklahoma | 29.3\% | 51.2\% | 1.9\% | 17.6\% | 18.3\% | 52.4\% | 14.6\% | 14.7\% | 11.1\% | 51.2\% | 30.5\% | 7.1\% |
| Oregon | 14.7\% | 55.3\% | 9.2\% | 20.8\% | 31.7\% | 46.7\% | 9.3\% | 12.3\% | 11.5\% | 40.3\% | 41.9\% | 6.4\% |
| Pennsylvania | 22.0\% | 57.7\% | 3.6\% | 16.7\% | 24.2\% | 51.8\% | 11.7\% | 12.2\% | 8.6\% | 40.7\% | 44.2\% | 6.5\% |
| Rhode Island | 19.1\% | 60.0\% | 4.3\% | 16.5\% | 34.9\% | 48.5\% | 7.0\% | 9.6\% | 12.7\% | 36.0\% | 45.6\% | 5.7\% |
| South Carolina | 29.3\% | 50.5\% | 2.5\% | 17.7\% | 21.0\% | 47.3\% | 17.2\% | 14.4\% | 11.8\% | 42.1\% | 37.5\% | 8.7\% |
| South Dakota | 37.6\% | 48.6\% | 1.8\% | 11.9\% | 13.2\% | 58.9\% | 20.6\% | 7.4\% | 11.5\% | 52.3\% | 29.4\% | 6.8\% |
| Tennessee | 32.8\% | 50.5\% | 2.3\% | 14.5\% | 21.0\% | 47.3\% | 20.0\% | 11.7\% | 11.8\% | 45.0\% | 35.8\% | 7.5\% |
| Texas | 29.8\% | 51.5\% | 2.3\% | 16.4\% | 24.7\% | 47.6\% | 14.9\% | 12.8\% | 14.1\% | 45.9\% | 31.6\% | 8.5\% |
| Utah | 27.2\% | 56.2\% | 2.0\% | 14.6\% | 24.4\% | 52.2\% | 12.4\% | 10.9\% | 15.0\% | 46.5\% | 32.5\% | 6.0\% |
| Vermont | 16.3\% | 57.6\% | 8.9\% | 17.2\% | 26.1\% | 49.8\% | 13.8\% | 10.3\% | 7.4\% | 38.9\% | 47.3\% | 6.4\% |
| Virginia | 23.2\% | 55.6\% | 3.4\% | 17.8\% | 24.8\% | 49.4\% | 12.5\% | 13.3\% | 9.8\% | 43.9\% | 37.7\% | 8.6\% |
| Washington | 22.2\% | 55.0\% | 6.7\% | 16.1\% | 30.0\% | 48.4\% | 10.3\% | 11.3\% | 10.6\% | 40.0\% | 42.1\% | 7.4\% |
| West Virginia | 28.6\% | 55.7\% | 1.5\% | 14.1\% | 20.4\% | 49.2\% | 20.0\% | 10.4\% | 7.2\% | 45.3\% | 42.4\% | 5.2\% |
| Wisconsin | 25.0\% | 54.4\% | 3.9\% | 16.7\% | 25.2\% | 49.7\% | 12.1\% | 13.1\% | 7.5\% | 42.7\% | 43.5\% | 6.3\% |
| Wyoming | 28.6\% | 51.3\% | 5.2\% | 14.9\% | 20.5\% | 54.5\% | 13.5\% | 11.5\% | 8.3\% | 58.3\% | 25.6\% | 7.7\% |

## Clinical Opportunities Available Increased



Total Educational Debt by State

|  | No <br> educational <br> debt | $\begin{gathered} \text { Less than } \\ \$ 50,000 \end{gathered}$ | $\begin{gathered} \$ 50,000 \text { to } \\ \$ 99,999 \end{gathered}$ | $\begin{gathered} \$ 100,000 \text { to } \\ \$ 149,999 \end{gathered}$ | $\begin{gathered} \$ 150,000 \text { to } \\ \$ 199,999 \end{gathered}$ | $\begin{aligned} & \$ 200,000 \text { or } \\ & \text { more } \end{aligned}$ | Not sure | Prefer not to answer |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| United States | 43.1\% | 11.3\% | 11.5\% | 13.6\% | 8.9\% | 6.0\% | 1.1\% | 4.5\% |
| Alabama | 44.6\% | 11.9\% | 13.2\% | 13.6\% | 7.0\% | 4.5\% | 1.3\% | 3.8\% |
| Alaska | 58.2\% | 10.3\% | 8.8\% | 6.9\% | 7.9\% | 3.0\% | 0.6\% | 4.2\% |
| Arizona | 41.2\% | 10.2\% | 10.2\% | 15.2\% | 11.1\% | 7.0\% | 1.0\% | 4.0\% |
| Arkansas | 38.6\% | 12.4\% | 16.8\% | 13.6\% | 12.0\% | 2.8\% | 1.2\% | 2.8\% |
| California | 42.5\% | 11.0\% | 9.5\% | 12.4\% | 8.9\% | 9.6\% | 1.3\% | 4.7\% |
| Colorado | 46.5\% | 11.4\% | 10.6\% | 13.5\% | 8.7\% | 4.8\% | 0.8\% | 3.7\% |
| Connecticut | 41.3\% | 10.3\% | 9.8\% | 12.8\% | 10.0\% | 10.2\% | 0.9\% | 4.8\% |
| Delaware | 36.8\% | 14.0\% | 12.5\% | 18.5\% | 8.5\% | 3.5\% | 2.0\% | 4.5\% |
| D.C. | 31.4\% | 14.3\% | 12.4\% | 15.3\% | 11.4\% | 9.5\% | 1.0\% | 4.8\% |
| Florida | 42.0\% | 11.0\% | 11.8\% | 13.3\% | 9.9\% | 7.0\% | 0.8\% | 4.3\% |
| Georgia | 44.8\% | 11.2\% | 11.1\% | 13.4\% | 9.3\% | 5.6\% | 0.7\% | 4.0\% |
| Hawaii | 52.3\% | 6.2\% | 10.8\% | 12.9\% | 6.2\% | 8.2\% | 0.0\% | 3.6\% |
| Idaho | 44.5\% | 12.3\% | 11.8\% | 13.1\% | 9.7\% | 4.4\% | 0.2\% | 4.0\% |
| Illinois | 42.3\% | 10.9\% | 10.1\% | 14.7\% | 10.2\% | 6.1\% | 0.8\% | 5.0\% |
| Indiana | 40.9\% | 10.3\% | 13.2\% | 16.3\% | 9.2\% | 3.8\% | 1.3\% | 5.0\% |
| lowa | 46.9\% | 12.5\% | 10.2\% | 13.2\% | 7.8\% | 3.8\% | 0.5\% | 5.2\% |
| Kansas | 51.8\% | 13.7\% | 13.3\% | 7.4\% | 5.4\% | 2.2\% | 1.4\% | 4.7\% |
| Kentucky | 42.7\% | 10.7\% | 14.4\% | 16.1\% | 7.1\% | 3.6\% | 0.4\% | 5.0\% |
| Louisiana | 40.1\% | 13.0\% | 14.0\% | 13.7\% | 8.2\% | 4.9\% | 1.3\% | 4.9\% |
| Maine | 42.9\% | 10.0\% | 9.7\% | 12.9\% | 11.8\% | 8.6\% | 0.5\% | 3.6\% |
| Maryland | 49.2\% | 13.0\% | 11.3\% | 9.8\% | 6.5\% | 4.3\% | 1.2\% | 4.7\% |
| Massachusetts | 38.0\% | 8.8\% | 10.0\% | 14.6\% | 12.8\% | 10.7\% | 1.5\% | 3.6\% |
| Michigan | 43.1\% | 11.6\% | 13.4\% | 14.8\% | 6.7\% | 4.5\% | 1.2\% | 4.7\% |
| Minnesota | 41.9\% | 10.5\% | 10.2\% | 16.5\% | 10.9\% | 5.7\% | 1.0\% | 3.3\% |
| Mississippi | 39.3\% | 6.6\% | 9.3\% | 17.3\% | 17.3\% | 7.3\% | 0.0\% | 2.7\% |
| Missouri | 38.4\% | 12.5\% | 15.3\% | 13.1\% | 9.3\% | 5.5\% | 0.6\% | 5.4\% |
| Montana | 46.7\% | 10.6\% | 7.3\% | 14.6\% | 10.9\% | 5.1\% | 1.0\% | 3.8\% |
| Nebraska | 47.6\% | 9.0\% | 11.3\% | 13.8\% | 7.7\% | 5.7\% | 1.0\% | 3.7\% |
| Nevada | 40.0\% | 10.0\% | 8.6\% | 15.0\% | 11.1\% | 8.8\% | 0.8\% | 5.7\% |
| New Hampshire | 36.3\% | 11.1\% | 8.3\% | 16.2\% | 11.8\% | 9.9\% | 0.8\% | 5.5\% |
| New Jersey | 37.6\% | 11.3\% | 10.5\% | 13.8\% | 10.6\% | 8.2\% | 1.9\% | 6.2\% |
| New Mexico | 47.7\% | 12.2\% | 11.2\% | 11.2\% | 8.8\% | 4.5\% | 0.8\% | 3.5\% |
| New York | 43.4\% | 12.9\% | 11.2\% | 12.3\% | 7.6\% | 5.6\% | 1.5\% | 5.5\% |
| North Carolina | 45.1\% | 11.2\% | 11.5\% | 13.5\% | 9.0\% | 4.7\% | 0.8\% | 4.2\% |
| North Dakota | 52.6\% | 12.4\% | 10.0\% | 10.1\% | 7.2\% | 3.8\% | 1.4\% | 2.4\% |
| Ohio | 38.1\% | 10.0\% | 13.4\% | 17.2\% | 11.6\% | 4.4\% | 0.8\% | 4.5\% |
| Oklahoma | 48.5\% | 13.8\% | 11.4\% | 11.4\% | 5.3\% | 4.2\% | 1.3\% | 4.1\% |
| Oregon | 40.6\% | 13.0\% | 11.0\% | 14.4\% | 8.4\% | 8.4\% | 1.2\% | 3.2\% |
| Pennsylvania | 36.0\% | 11.9\% | 13.8\% | 16.0\% | 9.4\% | 6.2\% | 1.8\% | 4.9\% |
| Rhode Island | 36.9\% | 11.0\% | 10.6\% | 13.5\% | 12.7\% | 7.6\% | 0.4\% | 7.2\% |
| South Carolina | 41.6\% | 10.9\% | 12.3\% | 15.0\% | 10.1\% | 5.2\% | 1.2\% | 3.6\% |
| South Dakota | 52.4\% | 8.8\% | 11.5\% | 10.4\% | 9.7\% | 3.0\% | 0.0\% | 4.2\% |
| Tennessee | 42.8\% | 9.9\% | 11.3\% | 13.7\% | 11.1\% | 6.4\% | 0.9\% | 3.8\% |
| Texas | 48.6\% | 11.3\% | 13.3\% | 11.8\% | 5.8\% | 3.7\% | 1.1\% | 4.4\% |
| Utah | 40.2\% | 11.0\% | 12.8\% | 14.5\% | 10.4\% | 6.3\% | 1.0\% | 3.9\% |
| Vermont | 47.8\% | 11.1\% | 5.3\% | 9.2\% | 11.6\% | 9.7\% | 1.0\% | 4.3\% |
| Virginia | 45.5\% | 10.7\% | 11.6\% | 14.0\% | 8.2\% | 4.8\% | 0.8\% | 4.4\% |
| Washington | 47.8\% | 11.3\% | 9.7\% | 12.1\% | 9.5\% | 5.4\% | 0.5\% | 3.6\% |
| West Virginia | 39.3\% | 10.7\% | 12.4\% | 14.8\% | 10.0\% | 6.6\% | 1.3\% | 4.9\% |
| Wisconsin | 45.2\% | 11.8\% | 11.8\% | 13.5\% | 7.6\% | 4.6\% | 1.0\% | 4.6\% |
| Wyoming | 51.6\% | 6.3\% | 10.7\% | 15.7\% | 6.3\% | 5.7\% | 0.0\% | 3.8\% |

Note: PAs were asked their total amount of educational debt including undergraduate, PA program, and other post education.

Total Educational Debt $\mathbf{\$ 1 0 0 , 0 0 0}$ or Greater


Non-Clinical Position in Secondary Position by State

|  | Faculty | Medical administration | Consulting | Speaking | Clinical trial research | Expert witness | Other* |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| United States | 26.6\% | 14.0\% | 7.3\% | 5.7\% | 3.6\% | 2.7\% | 14.7\% |
| Alabama | 22.2\% | 13.9\% | 8.3\% | 5.6\% | 2.8\% | 0.0\% | 13.9\% |
| Alaska | 14.3\% | 23.8\% | 14.3\% | 0.0\% | 0.0\% | 4.8\% | 23.8\% |
| Arizona | 29.4\% | 13.7\% | 7.8\% | 7.8\% | 2.9\% | 1.0\% | 18.6\% |
| Arkansas | 50.0\% | 7.1\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 7.1\% |
| California | 22.4\% | 12.7\% | 9.4\% | 5.0\% | 3.7\% | 2.3\% | 17.4\% |
| Colorado | 25.8\% | 10.1\% | 6.7\% | 5.6\% | 4.5\% | 1.1\% | 23.6\% |
| Connecticut | 19.0\% | 12.7\% | 3.8\% | 1.3\% | 2.5\% | 1.3\% | 11.4\% |
| Delaware | 22.2\% | 0.0\% | 11.1\% | 11.1\% | 0.0\% | 0.0\% | 0.0\% |
| D.C. | 27.3\% | 18.2\% | 9.1\% | 0.0\% | 0.0\% | 18.2\% | 9.1\% |
| Florida | 20.9\% | 12.5\% | 9.8\% | 6.1\% | 5.1\% | 2.7\% | 13.2\% |
| Georgia | 23.9\% | 14.1\% | 9.9\% | 8.5\% | 4.2\% | 2.8\% | 18.3\% |
| Hawaii | 23.1\% | 15.4\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 23.1\% |
| Idaho | 27.9\% | 7.0\% | 14.0\% | 7.0\% | 2.3\% | 4.7\% | 18.6\% |
| Illinois | 19.4\% | 21.4\% | 5.8\% | 4.9\% | 2.9\% | 1.9\% | 14.6\% |
| Indiana | 38.2\% | 4.4\% | 2.9\% | 4.4\% | 4.4\% | 0.0\% | 10.3\% |
| lowa | 39.5\% | 10.5\% | 2.6\% | 10.5\% | 7.9\% | 7.9\% | 7.9\% |
| Kansas | 26.9\% | 30.8\% | 3.8\% | 7.7\% | 0.0\% | 3.8\% | 19.2\% |
| Kentucky | 26.3\% | 5.3\% | 3.5\% | 3.5\% | 0.0\% | 0.0\% | 24.6\% |
| Louisiana | 14.9\% | 19.1\% | 8.5\% | 2.1\% | 4.3\% | 2.1\% | 17.0\% |
| Maine | 25.0\% | 7.1\% | 0.0\% | 3.6\% | 0.0\% | 0.0\% | 10.7\% |
| Maryland | 16.3\% | 16.3\% | 8.7\% | 6.5\% | 3.3\% | 2.2\% | 18.5\% |
| Massachusetts | 28.3\% | 14.5\% | 5.0\% | 2.5\% | 4.4\% | 3.1\% | 17.6\% |
| Michigan | 22.7\% | 15.6\% | 6.5\% | 4.5\% | 3.2\% | 7.8\% | 13.0\% |
| Minnesota | 26.5\% | 19.1\% | 7.4\% | 4.4\% | 1.5\% | 1.5\% | 10.3\% |
| Mississippi | 30.0\% | 40.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% |
| Missouri | 27.0\% | 13.5\% | 5.4\% | 8.1\% | 5.4\% | 2.7\% | 18.9\% |
| Montana | 26.1\% | 26.1\% | 8.7\% | 4.3\% | 4.3\% | 0.0\% | 13.0\% |
| Nebraska | 30.8\% | 7.7\% | 3.8\% | 0.0\% | 0.0\% | 0.0\% | 11.5\% |
| Nevada | 34.2\% | 13.2\% | 13.2\% | 10.5\% | 2.6\% | 2.6\% | 7.9\% |
| New Hampshire | 20.0\% | 17.1\% | 11.4\% | 5.7\% | 5.7\% | 0.0\% | 20.0\% |
| New Jersey | 34.7\% | 8.9\% | 6.5\% | 8.1\% | 7.3\% | 1.6\% | 12.9\% |
| New Mexico | 15.2\% | 12.1\% | 6.1\% | 6.1\% | 0.0\% | 3.0\% | 6.1\% |
| New York | 28.1\% | 12.8\% | 7.4\% | 5.9\% | 2.6\% | 3.3\% | 13.3\% |
| North Carolina | 22.7\% | 16.2\% | 8.3\% | 9.3\% | 4.6\% | 3.2\% | 14.4\% |
| North Dakota | 23.1\% | 15.4\% | 0.0\% | 7.7\% | 0.0\% | 0.0\% | 30.8\% |
| Ohio | 37.5\% | 10.3\% | 3.7\% | 5.9\% | 0.7\% | 2.2\% | 11.8\% |
| Oklahoma | 33.3\% | 9.1\% | 3.0\% | 9.1\% | 3.0\% | 3.0\% | 24.2\% |
| Oregon | 29.4\% | 13.7\% | 11.8\% | 3.9\% | 2.0\% | 3.9\% | 15.7\% |
| Pennsylvania | 38.2\% | 11.6\% | 6.5\% | 5.7\% | 3.1\% | 2.8\% | 13.0\% |
| Rhode Island | 50.0\% | 0.0\% | 7.1\% | 3.6\% | 10.7\% | 3.6\% | 7.1\% |
| South Carolina | 29.0\% | 14.5\% | 8.1\% | 6.5\% | 6.5\% | 3.2\% | 8.1\% |
| South Dakota | 14.3\% | 28.6\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 7.1\% |
| Tennessee | 35.8\% | 6.4\% | 2.8\% | 3.7\% | 0.9\% | 0.9\% | 16.5\% |
| Texas | 19.8\% | 19.5\% | 9.9\% | 5.8\% | 5.5\% | 1.7\% | 14.0\% |
| Utah | 27.0\% | 11.1\% | 11.1\% | 6.3\% | 6.3\% | 4.8\% | 11.1\% |
| Vermont | 25.0\% | 8.3\% | 8.3\% | 8.3\% | 8.3\% | 0.0\% | 41.7\% |
| Virginia | 26.6\% | 21.1\% | 8.6\% | 6.3\% | 3.9\% | 5.5\% | 14.8\% |
| Washington | 23.0\% | 16.0\% | 11.0\% | 8.0\% | 6.0\% | 5.0\% | 17.0\% |
| West Virginia | 33.3\% | 9.5\% | 2.4\% | 7.1\% | 0.0\% | 0.0\% | 19.0\% |
| Wisconsin | 22.7\% | 17.0\% | 2.3\% | 3.4\% | 1.1\% | 1.1\% | 10.2\% |
| Wyoming | 0.0\% | 25.0\% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 50.0\% |

*Other non-clinical positions include: health assessments, quality improvement/control, medical research, IT/medical informatics.
Note: Includes PAs who indicated they have a secondary non-clinical position in addition to their principal clinical PA position. $3.9 \%$ of PAs work in a secondary non-clinical position where they do not provide direct patient care.

Non-Clinical Secondary Position: Faculty



[^0]:    Note: PAs were asked to estimate their total income in the last calendar year from all PA positions combined.

[^1]:    *Primary care includes: Family medicine/General practice, Internal medicine-general and Pediatrics-general

[^2]:    Note: PAs were asked how many hours per week they work at their principal clinical position.

[^3]:    Note: PAs were asked how satisfied they are with different aspects of their career

[^4]:    Note: PAs were asked if they work with other health professionals in their principal clinical position. PAs could select multiple health professionals.

