

Insights into the PA Experience During COVID-19

Six Months Into the COVID-19 Pandemic

November 1, 2020 • August 2020 PA Practice Survey

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Methodology

From August 9–September 3, 2020, data were collected in a survey sent to a random sample of 5,887 PAs, with a response rate of 9.6%. Data contained within this report represent all PA respondents. A total of 667 PAs responded to the survey, and 579 responded to the questions within this report. The overall survey margin of error is 3.6% at a 95% confidence level. Response rates and margins of error vary by section and breakout.

Measures

On the tables that follow:

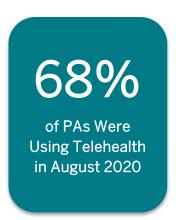
- "Respondents" is the number of respondents to a question.
- "Ratings" above a column of numbers indicates the number of ratings for an individual question.
- "Mean" is the average, or the sum of numerical scale responses divided by the total number of respondents.
- "Median" earnings are those at the 50th percentile, i.e., half of responses are equal to or above the median and half are equal to or below the median.
- "N" refers to the number of respondents and is generally the first column in the data tables. Totals do not always add up to 100% due to rounding.

Executive Summary

PA's Integration of Telehealth into Practice

Results from the August 2020 PA Practice Survey represent all individuals eligible to practice as PAs. These data illustrate the status of the PA profession six months into the COVID-19 pandemic. During this time period, there has been a rapid expansion of telehealth. From before the pandemic to the last week of April 2020, the number of Medicare beneficiaries receiving telemedicine increased from about 13,000 to 1.7 million.¹

The survey reveals that PAs are contributing to this expansion. At present, 68% of PAs are using telehealth, and almost one in five of these users report using it at least 26% of their clinical time. About one in three PAs are still not using telehealth at all (Table 2). The majority of PAs are familiar with telehealth to some degree, and only 14% are completely unfamiliar with telehealth (Table 3). About three-quarters of the PAs using telehealth are doing so for the first time (Table 5), which is higher than one in ten as of February 2020. Similarly, 72% of patients were receiving care in this way for the first time as of May 2020.² Of the PAs surveyed, only 26% said that education and training is



a barrier to integrating telehealth into their practice (Table 7). For the most part, PAs are knowledgeable about modern methods of conveniently delivering care to patients, and they are putting their knowledge to use during their clinical time.

Barriers and Concerns

PAs reported that most of their visits in the week preceding their response were predominately in-person. The remaining were by phone, video, or some combination (Table 11). PAs perceive patient connectivity to be the largest barrier for PA practice in telehealth. PAs see reimbursement as another top barrier to fully integrating telehealth into their practice. 32% of PAs said their practice had digital health/telehealth billing denied since March 1 and 15% still currently experience denials (Table 10). In addition, one in four have reduced phone-based visits since March due to poor reimbursement and one in eight have reduced video-based visits for the same reason. PAs also identified barriers that may be specific to their profession including legislation restricting practice (22%), lack of opportunities for PAs (18%), and supervision requirements in their state (12%; Table 7).

Poor reimbursement was one reason PAs stated they may have reduced use of telemedicine

89%

of PAs believe their patients are satisfied with the quality of care provided via telemedicine Despite the integration of telehealth into 68% of practices, PAs have some concerns with regard to quality of care and patient satisfaction. Some PAs fe that telemedicine is not conducive to quality of care: less than half (46%) agree that the quality of care that they are providing is as good as in-person care and one in five believe that the quality of care during telemedicine visits are not in line with clinical standards. Many of these concerns echo sentiments outlined in a recent Health Affairs blog post.³ The vast majority of PAs (89%; Table 9), however, are satisfied with the

level of care provided with telehealth, and a recent survey of patients indicated that 75% were satisfied with their care.²

Long-term Interest in Telehealth

Not all PAs are interested in integrating telehealth. In fact, PAs are split over their interest in integrating telehealth into their practice in the future. Reasons PAs indicated they are not interested in telehealth are that it is incongruent to their specialty (i.e., emergency medicine, urgent care) or they stress the importance of the physical exam (i.e., orthopedic exams, wound care). Both are valid reasons that telehealth may not be suitable for all clinicians. Patients, on the other hand, want telehealth to be part of their care moving forward, according to one recent survey.² This is echoed in resources from the Centers for Disease Control and Prevention.⁴ However, 68% of PAs see telehealth as an important solution to broad healthcare systems challenges (Table 8).

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PAs and patients alike say that telemedicine is here to stay.

With the ability to provide care to patients where they are, telehealth allows PAs to reach areas that typically have limited access to conventional office visits, such as medically underserved areas and health professional shortage areas.

Mental Health and Well Being

Ongoing stress can lead to both mental health and physical health issues.

Fighting on the frontlines of the COVID-19 pandemic is a recipe for stress, which could lead to both mental and physical health issues for all healthcare providers. The acknowledgement of this mental and physical toll, and a physician who died by suicide, led to the introduction of the Dr. Lorna Breen Health Care Provider Protection Act, a bill that calls for well-being training and the encouragement of mental health support for healthcare providers.⁵

76%

of PAs say that the stress level in their practice is the same or greater than that of the first month of the pandemic AAPA's survey reveals that stress levels for 76% of PAs are either the same or greater than where they were during the first month of the pandemic. The survey also revealed that 27% of PAs feel that they are adjusted to the stress (Table 16). Some practices (37%) are experiencing more stress than they did during the first month of the pandemic.

PAs were asked, based on their personal definitions of burnout, how they rated their overall level of burnout. Thirty five percent of PAs in August felt burned out in some way, including 3% who were completely burned out and were at the point that they needed

changes or needed to seek help (Table 17). Given that more than a third of PAs are experiencing symptoms of burnout or completely burned out, attention to the long-term effects of this crisis is warranted. ADA-noncompliant licensure application questions, such as one that will be mentioned later, might ostracize those affected by the growing mental health situation for healthcare providers.

Burnout is another unfortunate product of a prolonged stressful environment. For more information and resources on burnout and professional well-being, visit the <u>AAPA burnout resources page</u>.

With the stress on healthcare caused by COVID-19, it is no surprise that 35% of PAs reported some signs of burnout in August 2020.

Although no data exist on suicides in the PA profession, one can draw conclusions about the consequences of the lack of mental health support for healthcare providers by reviewing existing studies on physicians. According to one study, physicians who took their lives were less likely to be receiving mental health treatment compared with nonphysicians who took their lives even though depression was found to be a significant risk factor at approximately the same rate in both groups. Another study found that the suicide rate among male physicians is 1.41 times higher than the general male population. Among female physicians, the relative risk is even more pronounced — 2.27 times greater than the general female. These studies were conducted before the COVID-19 pandemic; now, during an especially stressful time period, mental health support is all the more important.

While data suggest that acknowledgement of mental health status is crucial, many states' medical licensure applications stigmatize mental illness, which could deter healthcare providers from seeking treatment. According to a 2018 analysis of the legality of including

questions related to mental health with regard to Americans with Disabilities Act (ADA), only 7 states did not include any questions related mental health on the licensure questionnaire, and 32 states and the District of Columbia included questions that do not conform to ADA standards in their questionnaires. South Dakota, for example, asks "Have you been treated, or do you have a diagnosis for any mental health condition." At AAPA 2020, a study examined whether PA licensure applications were consistent with the ADA. Half of the states' licensure applications were consistent with the ADA in terms of mental health.

It is not just the clinicians

The patients of PAs are also undergoing a stressful time. The patients of 82% of PAs are reportedly carrying a heavier than usual mental health burden (Table 13). PAs reported that, in the past four weeks from their response, they have been able to provide integrated and coordinated care, being attentive to both social and physical concerns across settings (Table 19). The data from this survey present evidence that show the necessity for a prepared approach to mental health support for everyone, PAs and patients alike, during a stress-inducing COVID-19 pandemic.

82%

of PAs say that their patients are carrying a heavier than usual mental health burden

The PA Experience 6 Months into the Pandemic

Exposure to COVID-19 is a component of these stressful environments under which PAs provide care. Since the start of the COVID-19 pandemic, about half of surveyed PAs have been diagnosing patients with COVID-19; this is no longer true for 4% of PAs (Table 12). Six percent of PAs have been infected with COVID-19 (Table 13).

PAs have also experienced changes in their patient workflow. About half of PAs are continuing to see a decrease in patient load due to COVID-19 (Table 13). Half of the PAs said that, in the month preceding the survey, they were able to provide care when their patients needed them; 43% said that they could provide comprehensive care for their patients, and 40% said that they could see their established patients (Table 19).

The impacts on patients are also apparent during this time. About half (46%) of PAs report that their patients with chronic conditions seem worse (Table 13). About half (52%) also reported that they have started to see the health impacts of deferred chronic care visits. About a quarter (23%) of PAs said their practice offers preventive and/or care for chronic conditions but patients are not scheduling them, and 61% said that schedules were unaffected during his time (Table 13).

PAs are starting to see the impact of deferred treatment.

Some PAs have seen changes to their employment and compensation. As of August, 4% of the PAs surveyed were still furloughed and 3% were still terminated and without a job (Table 14). In terms of hours and compensation, this is PA specific. For some, the hours have increased and others decreased. The same holds true for base compensation and bonuses (Table 15).

The Next Six Months

The first six months of the COVID-19 pandemic has been on fraught with many unknowns. We don't know if we are in the first wave or the third, whether reinfection is possible, and whether herd immunity will work. When PAs were asked about whether they were ready for a surge in COVID-19 cases, a surge in issues related to deferred care, and the upcoming flu season, more than three-quarters of PAs responded that their practices were either nervously or confidently ready (77%, 82%, and 76% respectively; Table 16). We will continue to monitor the next six months.

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About PAs

PAs are highly trained and qualified medical professionals, who diagnose illness, develop, and manage treatment plans, prescribe medications, and often serve as a patient's principal healthcare provider. They are educated at the master's degree level in the medical model over a 27-month-long period. There are more than 140,000 PAs in the U.S. who work in all medical settings and specialties. To learn more about PAs, go to aapa.org.

Data Tables

Table 1. PAs Clinically Practicing Since March 2020

| Clinically Practicing | N | Percent (%) |
|--|-----|-------------|
| Yes | 540 | 91.2 |
| No | 52 | 8.8 |
| Total | 592 | 100.0 |
| Source: August AAPA PA Practice Survey | | |

Question: Have you clinically practiced at any point during the COVID-19 pandemic (March 1, 2020 until now)?

Table 2. Amount PAs Currently Use Telemedicine

| Use o | f Telemedicine | N | Percent (%) |
|--------|--|-----|-------------|
| No, ne | ever | 170 | 31.5 |
| | Rarely (less than 5% of clinical time) | 143 | 26.5 |
| Yes | Sometimes (5-25% of clinical time) | 130 | 24.1 |
| res | Regularly (26-50% of clinical time) | 54 | 10.0 |
| | Most of the time (51%+ of clinical time) | 42 | 7.8 |
| Total | | 539 | 100.0 |

Question: Do you use telemedicine in your current practice?

Table 3. PA Familiarity with Telemedicine

| Familiarity with Telemedicine | N | Percent (%) |
|-------------------------------|-----|-------------|
| Extremely familiar | 73 | 13.5 |
| Very familiar | 100 | 18.6 |
| Familiar | 102 | 18.9 |
| Somewhat familiar | 187 | 34.7 |
| Completely unfamiliar | 77 | 14.3 |
| Total | 539 | 100.0 |

Question: Rate your level of familiarity/comfort with the practice of telemedicine.

Note: Totals do not always add up to 100% due to rounding.

Table 4. PA Interest in Incorporating Telemedicine into Their Practice

| Interest in Telemedicine | N | Percent (%) |
|--------------------------|-----|-------------|
| Extremely interested | 10 | 5.9 |
| Very interested | 13 | 7.7 |
| Interested | 26 | 15.4 |
| Somewhat interested | 46 | 27.2 |
| Not interested | 74 | 43.8 |
| Total | 169 | 100.0 |

Question: What is your level of interest in incorporating telemedicine into your practice?

This question was only show to PAs who responded "No, never" to using telemedicine in their current practice.

Table 5. PAs Who Have Used Telemedicine Prior to COVID-19

| Used Telemedicine Prior to March 2020 | N | Percent (%) |
|---------------------------------------|-----|-------------|
| Yes | 94 | 25.8 |
| No | 271 | 74.2 |
| Total | 365 | 100.0 |

Question: Did you use telehealth or telemedicine in your practice prior to COVID-19 becoming prevalent in the US in March 2020?

This question was only shown to PAs who responded "Yes" to using telemedicine in their current practice.

Table 6. Reasons PAs Began to Use Telemedicine COVID-19 Among Those Who Did Not Use It Prior

| Reasons | N | Percent (%) |
|---|-----|-------------|
| Began due to a necessity to maintain social distancing measure for nonemergent visits | 253 | 93.7 |
| Began due to furlough or reduction in hours | 15 | 5.6 |
| Other | 23 | 8.5 |
| Total | 270 | 100.0 |

Question: What was the reason you began using telemedicine after the COVID-19 pandemic started? This question was only shown to those PAs who indicated that they did not use telemedicine in their current practice prior to COVID-19.

Table 7. Barriers to PA Practice in Telemedicine

| Perceived barriers | N | Percent (%) |
|--|-----|-------------|
| Patient connectivity issues | 242 | 48.5 |
| Patient comfort/familiarity | 216 | 43.3 |
| Reimbursement for services | 207 | 41.5 |
| Access to equipment | 150 | 30.1 |
| Education/training | 128 | 25.7 |
| Unable to fit into your clinical workflow | 120 | 24.0 |
| Legislation restricting practice | 112 | 22.4 |
| Lack of opportunities for PAs | 90 | 18.0 |
| Support from leadership | 66 | 13.2 |
| Other state laws and regulations | 66 | 13.2 |
| Practice-Level/Practitioner technological gaps and needs | 62 | 12.4 |
| Supervision requirements in my state | 58 | 11.6 |
| Other competing clinical priorities | 48 | 9.6 |
| Other | 46 | 9.2 |
| Licensure requirements | 27 | 5.4 |
| Total | 499 | 100.0 |

Question: Please indicate perceived barriers to PA practice in telemedicine

Table 8. Perceived Importance of Telemedicine as a Solution to Healthcare System Challenges

| Importance | N | Percent (%) |
|----------------------|-----|-------------|
| Extremely important | 88 | 16.5 |
| Very important | 115 | 21.5 |
| Important | 163 | 30.5 |
| Somewhat important | 152 | 28.5 |
| Not at all important | 16 | 3.0 |
| Total | 534 | 100.0 |

Question: How important do you perceive telemedicine as a solution to broad healthcare system challenges?

Table 9. PA Perception of the Care Provided PA Telehealth

| | Total | Strongly agree | Agree | Disagree | Strongly disagree |
|---|-------|----------------|-------|----------|----------------------|
| Statement of Care | Ν | Percent (%) | | | |
| The quality of care I am providing via telehealth is as good as inperson care | 364 | 6.3 | 39.6 | 45.3 | 8.8 |
| The level of care I am providing via telehealth is in line with clinical standards | 362 | 12.7 | 67.4 | 16.3 | 3.6 |
| Patients are satisfied with the level of care I am providing via telehealth | 363 | 16.0 | 73.0 | 8.8 | 2.2 |
| I would like to continue to use telehealth in my practice after the COVID-19 pandemic is over | 362 | 22.7 | 46.7 | 21.0 | 9.7 |

Question: How much do you agree with the following statements?

Table 10. PAs Report of Reimbursement Challenges Related to Telehealth

| Reimbursement Experiences | Total N | No | Yes, and this is still occurring Percent (%) | Yes, but this is no longer occurring |
|---|------------|------|---|---|
| We have had digital health/telehealth billing denied | 345 | 67.8 | 14.8 | 17.4 |
| We have reduced phone-based care because payment is poor | 345 | 65.8 | 26.1 | 8.1 |
| We have reduced video-based care because payment is poor: | 345 | 79.1 | 12.5 | 8.4 |

Question: Have you experienced any of the following telehealth changes during the COVID-19 pandemic (March 1, 2020 until now)?

Table 11. Modes of Care Delivery in the Past Week (August)

| Mode | N | Percent (%) |
|---|-----|-------------|
| Video, phone, and in-person - about equal | 31 | 6.1 |
| Video and phone - about equal | 10 | 2.0 |
| Video and in-person - about equal | 11 | 2.1 |
| Phone and in-person - about equal | 20 | 3.9 |
| More video than anything | 20 | 3.9 |
| More phone than anything | 27 | 5.3 |
| More in-person than anything | 393 | 76.8 |
| Total | 512 | 100.0 |

Over the past week, would you say your modes of care delivery have been

Table 12. PAs Seeing Patients with COVID-19

| Type of Care | Total N | Yes, and this is still occurring | Yes, but this is no longer occurring Percent (%) | No |
|---|------------|--|--|------|
| I have tested patients for COVID-19 | 527 | 54.1 | 4.9 | 41.0 |
| I have diagnosed patients with COVID-19 (with or without a test result) | 528 | 48.1 | 3.8 | 48.1 |
| I have treated patients for COVID-19 | 528 | 42.6 | 4.7 | 52.7 |

Question: During the COVID-19 pandemic (March 1, 2020 until now), have any of the following occurred?

Table 13. PAs Who Have Experienced Changes in their Practice During the COVID-19 Pandemic

| | Total | Yes, and this is still occurring | Yes, but this is no longer occurring | No |
|---|---------------------------------|--|--------------------------------------|--------------------------------------|
| Changes | N | | Percent (%) | |
| I have become infected with COVID-19 | 522 | 2.9 | 3.1 | 94.1 |
| I have been cared for appropriately by my employer | 518 | 74.5 | 3.5 | 22.0 |
| I have gone without necessary Personal Protective Equipment (PPE) | 525 | 14.9 | 20.6 | 64.6 |
| I have canceled and/or postponed patient appointments due to the COVID-19 pandemic | 525 | 29.5 | 34.1 | 36.4 |
| My practice experienced a decrease in patient load due to COVID-19 | 526 | 47.3 | 39.2 | 13.5 |
| Physician supervisory or collaborative requirements have impeded my ability to provide care during the COVID-19 pandemic | 527 | 8.5 | 3.4 | 88.0 |
| My patients are carrying a heavier than usual mental health burden | 529 | 82.0 | 4.5 | 13.4 |
| My patients with chronic conditions seem worse | 518 | 46.3 | 3.9 | 49.8 |
| My practice's members have quit saying that COVID-19 made work unsafe for them | 514 | 20.6 | 14.0 | 65.4 |
| I have started seeing health impact of deferred chronic care visits | 525 | 52.2 | 8.4 | 39.4 |
| My practice offers preventive and/or chronic care but patients are not scheduling them | 518 | 22.6 | 16.8 | 60.6 |
| My practice experienced a decrease in patient load due to COVID-19 Physician supervisory or collaborative requirements have impeded my ability to provide care during the COVID-19 pandemic My patients are carrying a heavier than usual mental health burden My patients with chronic conditions seem worse My practice's members have quit saying that COVID-19 made work unsafe for them I have started seeing health impact of deferred chronic care visits My practice offers preventive and/or chronic care but patients are not | 527 529 518 514 525 | 8.5 82.0 46.3 20.6 52.2 | 3.4 4.5 3.9 14.0 8.4 | 88.0 13.4 49.8 65.4 39.4 |

During the COVID-19 pandemic (March 1, 2020 until now), have any of the following occurred?

Table 14. PAs Who Experienced Employment Changes During the COVID-19 Pandemic

| | Total | Yes, and this is still true | true | No |
|---|-------|-----------------------------|-------------|------|
| Changes | N | | Percent (%) | |
| Moved into a formal leadership position | 524 | 3.2 | 0.4 | 96.4 |
| Been furloughed (I will return to the same employer in the future) | 527 | 4.2 | 11.8 | 84.1 |
| Been terminated (lost job permanently) | 530 | 2.5 | 0.6 | 97.0 |
| Changed primary specialty | 525 | 3.6 | 0.8 | 95.6 |
| Changed primary setting (eg, outpatient surgical center moved to ICU) | 528 | 3.6 | 2.1 | 94.3 |
| Changed primary employer | 526 | 6.8 | 0.2 | 93.0 |
| Changed supervising or collaborating physician | 524 | 8.8 | 1.1 | 90.1 |
| Began volunteering in a medical capacity | 525 | 2.5 | 2.3 | 95.2 |

Have you experienced any of the following employment changes during the COVID-19 pandemic (March 1, 2020 until now)?

Table 15. PAs Who Experienced Changes in Hours or Compensation During the COVID 19 Pandemic

| | Total | Decreased | Remained the same | Increased |
|-------------------------------|-------|-----------|----------------------|-----------|
| Changes | N | | Percent (%) | |
| Hours worked | 531 | 37.1 | 47.1 | 15.8 |
| Base pay | 523 | 18.7 | 75.9 | 5.4 |
| Bonus (actual or anticipated) | 516 | 40.5 | 51.2 | 8.3 |

Note: Bonus may include annual and/or productivity-based bonus pay

Question: How have the following changed since COVID-19 emerged in the US (March 1, 2020 until now)?

Table 16. Comparison of Stress Among PAs in August 2020 and March 2020

| Level of Stress | N | Percent (%) |
|--|-----|-------------|
| It seems worse – we are struggling | 51 | 9.6 |
| It seems worse – but we are sadly now used to it | 144 | 27.1 |
| It's the same – but over time, harder to bear | 63 | 11.9 |
| It's the same – but over time, we've adjusted | 144 | 27.1 |
| It's getting better | 121 | 22.8 |
| Not applicable, we never felt it at all | 8 | 1.5 |
| Total | 531 | 100.0 |
| | | |

Question: How does in stress among staff and clinicians in your practice now compare with the first month of the pandemic?

Table 17. Self-Reported Burnout Among PAs in August 2020

| Level of Burnout | N | Percent (%) |
|---|-----|-------------|
| I enjoy my work. I have no symptoms of burnout | 64 | 14.9 |
| Occasionally I am under stress, and I don't always have as much energy as I once did, but I don't feel burned out | 215 | 50.0 |
| I am definitely burning out and have one or more symptoms of burnout, such as physical and emotional exhaustion | 110 | 25.6 |
| The symptoms of burnout that I'm experiencing won't go away. I think about frustration at work a lot | 30 | 7.0 |
| I feel completely burned out and often wonder if I can go on. I am at the point where I may need some changes or may need to seek some sort of help | 11 | 2.6 |
| Total | 430 | 100.0 |

Question: Overall, based on your definition of burnout, how would you rate your level of burnout?

Table 18. Percent of PAs Who Feel their Practices Are Ready for Surge in COVID-19 or the Flu

| | Total | Yes, we're confident | Somewhat, but we are nervous | No, we don't feel ready | We are spent— so not ready for that |
|--|-------|-------------------------|---------------------------------|----------------------------|---|
| Conditions | N | Percent (%) | | | |
| A surge in COVID-19 cases: | 529 | 25.3 | 51.8 | 18.3 | 4.5 |
| A surge in issues related to delayed/deferred care | 524 | 35.3 | 46.6 | 15.1 | 3.1 |
| The upcoming flu season | 523 | 24.3 | 51.6 | 18.2 | 5.9 |

Question: Do you feel your practice is ready for...

Table 19. Ability of PAs Practices to Care for Patients in Past Four Weeks

| | Total | Yes, without a doubt! | Sometimes the pandemic makes this hard | again after the pandemic | Pipe-dream: this hasn't been for a long time | N/A |
|---|-------|--------------------------|---|-----------------------------|---|------|
| Manner of Care | Ν | | Р | ercent (%) | | |
| First contact they contact us first when there is a need | 526 | 53.4 | 28.7 | 1.7 | 0.8 | 15.4 |
| Comprehensive addressing majority of needs | 523 | 43.0 | 39.8 | 2.9 | 1.7 | 12.6 |
| Continuous seeing my established patients | 524 | 39.1 | 32.6 | 3.4 | 0.0 | 24.8 |
| Coordinated integrating care across settings | 524 | 34.4 | 45.6 | 5.0 | 2.1 | 13.0 |
| Integrated attentive to both social and physical concerns | 523 | 34.2 | 44.4 | 4.8 | 4.0 | 12.6 |

Question: Over the past four weeks, have you been able to care for your patients in a way that was...

Respondent Demographics

Table 20. Gender

| Gender | N | Percent (%) |
|---------------------------|-----|-------------|
| Female | 402 | 70.0 |
| Male | 164 | 28.6 |
| I prefer to self-describe | 2 | 0.3 |
| I prefer not to answer | 6 | 1.0 |
| Total | 574 | 100.0 |

Question: What is your gender?

Table 21. Race

| Race | N | Percent (%) |
|---|-----|-------------|
| White | 482 | 84.0 |
| Asian | 28 | 4.9 |
| Black/African American | 18 | 3.1 |
| American Indian or Alaskan Native | 2 | 0.3 |
| Native Hawaiian or Other Pacific Islander | 0 | 0.0 |
| Two or more races | 13 | 2.3 |
| Other | 11 | 1.9 |
| I prefer not to answer | 20 | 3.5 |
| Total | 574 | 100.0 |

Question: Which of the following best describes your race?

Table 22. Ethnicity

| Ethnicity | N | Percent (%) |
|--|-----|-------------|
| Not of Hispanic, Latinx, or Spanish origin | 526 | 91.6 |
| Of Hispanic, Latinx, or Spanish origin | 29 | 5.1 |
| I prefer not to answer | 19 | 3.3 |
| Total | 574 | 100.0 |

Question: Are you of Hispanic, Latinx, or Spanish origin?

Table 23. Experience

| Years of Experience as a PA | N | Percent (%) |
|-----------------------------|-----|-------------|
| 0 to 1 year | 72 | 12.5 |
| 2 to 4 years | 127 | 22.1 |
| 5 to 9 years | 105 | 18.3 |
| 10 to 14 years | 92 | 16.0 |
| 15 to 19 years | 62 | 10.8 |
| 20 or more years | 116 | 20.2 |
| Total | 574 | 100.0 |

Question: How many years of experience do you have working as a PA?

Table 24. Role

| Primary Role | N | Percent (%) |
|-----------------------|-----|-------------|
| Clinician | 527 | 91.0 |
| Educator | 16 | 2.8 |
| Administrator/manager | 18 | 3.1 |
| Not currently working | 16 | 2.8 |
| Researcher | 2 | 0.3 |
| Total | 579 | 100.0 |

Question: Please indicate your primary role as a PA. Your primary role is the role you spend the most time in as a PA

Note: Totals do not always add up to 100% due to rounding.

Table 25. Specialty

| Primary Specialty | N | Percent (%) |
|----------------------------------|-----|-------------|
| Primary care | 127 | 22.0 |
| Internal medicine subspecialties | 57 | 9.9 |
| Pediatric subspecialties | 12 | 2.1 |
| Surgical subspecialties | 139 | 24.1 |
| Emergency medicine | 56 | 9.7 |
| All other specialties | 160 | 27.7 |
| No medical specialty | 26 | 4.5 |
| Total | 577 | 100.0 |

Question: Please indicate your **primary specialty** as a PA. Your primary specialty is the specialty you practice most as a PA. For example, if you worked three days a week in an emergency department and worked twice a month at an urgent care center, emergency medicine would be your primary specialty. If you were a full-time educator or in a position in which you did not practice clinically practice in any capacity, you may select "no medical specialty."

Table 26. Setting

| \mathbf{e} | | |
|---------------------------------------|-----|-------------|
| Primary Setting | N | Percent (%) |
| Outpatient clinic or physician office | 298 | 51.6 |
| Hospital | 194 | 33.6 |
| Urgent care center | 23 | 4.0 |
| Other | 62 | 10.7 |
| Total | 577 | 100.0 |

Question: Please indicate your **primary setting** in which you practice as a PA. For example: If you work in a hospital for 32 hours a week and an urgent care center for 8 hours a week, hospital is your primary setting.

Table 27. Hospital Setting

| Primary Specialty | N | Percent (%) |
|-----------------------------------|-----|-------------|
| Emergency department | 60 | 30.9 |
| Inpatient unit (not ICU/CCU) | 52 | 26.8 |
| Operating room | 32 | 16.5 |
| Intensive care/critical care unit | 25 | 12.9 |
| Outpatient unit | 12 | 6.2 |
| Other | 13 | 6.7 |
| Total | 194 | 100.0 |

Question: Which unit of the hospital do you spend the most time working within?

Note: This question was only show to PAs who indicated they worked within a hospital setting.

Table 28. Employer

| Primary Employer Type | N | Percent (%) |
|--|-----|-------------|
| Hospital (including academic medical center) | 188 | 32.6 |
| Physician practice: Single specialty group | 145 | 25.1 |
| Physician practice: Multispecialty group | 74 | 12.8 |
| Physician practice: Solo practice | 36 | 6.2 |
| Government | 28 | 4.9 |
| Federally Qualified Health Center | 21 | 3.6 |
| Self-employed or independent contractor | 19 | 3.3 |
| College or university | 15 | 2.6 |
| Other healthcare related corporation | 13 | 2.3 |
| Community Health Clinic | 6 | 1.0 |
| Certified Rural Health Clinic | 6 | 1.0 |
| НМО | 5 | 0.9 |
| Other | 21 | 3.6 |
| Total | 577 | 100 |

Question: Please indicate your **primary employer type**. For example: If you work for a hospital for 40 hours a week and for a consulting firm 8 hours a week, hospital is your primary employer.

Note: Totals do not always add up to 100% due to rounding.

Table 29. Type of Hospital Employer

| Primary Specialty | N | Percent (%) |
|---|-----|-------------|
| Academic medical center | 94 | 50.0 |
| Community hospital: Nongovernment nonprofit | 66 | 35.1 |
| Community hospital: Investor-owned for-profit | 12 | 6.4 |
| Community hospital: State or local government | 6 | 3.2 |
| Other | 13 | 6.7 |
| Total | 194 | 100.0 |

Question: You indicated that your employer is a hospital. Please indicate the type of hospital.

Note: This question was only show to PAs who indicated they worked for a hospital.