



2022

# INDIANA PHYSICIAN ASSISTANT HEALTH WORKFORCE DATA REPORT`



# ACKNOWLEDGEMENTS

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# TABLE OF CONTENTS

## Contents

<b>ACKNOWLEDGEMENTS</b> .....	<b>2</b>
<b>TABLE OF CONTENTS</b> .....	<b>3</b>
<b>EXECUTIVE SUMMARY</b> .....	<b>4</b>
<b>INTRODUCTION</b> .....	<b>5</b>
<b>METHODOLOGY</b> .....	<b>5</b>
<b>DATA COLLECTION</b> .....	<b>5</b>
<b>DATA MANAGEMENT PROCEDURES</b> .....	<b>5</b>
<b>SECTION I: TOTAL LICENSES</b> .....	<b>7</b>
<b>TOTAL RENEWALS</b> .....	<b>7</b>
<b>EMPLOYMENT STATUS AND PRACTICE LOCATION</b> .....	<b>7</b>
<b>SECTION II: ACTIVELY PRACTICING PHYSICIAN ASSISTANTS</b> .....	<b>8</b>
<b>REPORTING SAMPLE</b> .....	<b>8</b>
<b>DEMOGRAPHICS</b> .....	<b>9</b>
<b>EDUCATION</b> .....	<b>10</b>
<b>PRACTICE CHARACTERISTICS</b> .....	<b>12</b>
<b>PRACTICE SETTING AND HOURS IN PATIENT CARE</b> .....	<b>12</b>
<b>PATIENT PANEL</b> .....	<b>15</b>
<b>SECTION III: GEOGRAPHIC DISTRIBUTION</b> .....	<b>17</b>

# EXECUTIVE SUMMARY

Physician assistants (PAs) are licensed healthcare professionals who, under the supervision of a physician, can perform physical examinations, provide diagnoses and treatment, offer counseling on preventive healthcare, assist in surgeries, and prescribe medications. PAs may also engage in education, research, and administrative services as part of their practice. The 2022 Indiana Physician Assistants Data Report presents an overview of licensed PAs in Indiana, highlighting significant findings related to their demographics, education, and practice characteristics.

In 2022, a total of 1,320 PAs were identified as actively practicing in Indiana. Demographically, Indiana PAs were predominantly being female, White, non-Hispanic. However, female PAs exhibited slightly greater racial diversity and ethnic diversity than their male counterparts. A significant proportion of PAs held advanced qualifications, with the majority having a master's degree as their qualifying and highest education. Most completed their education within Indiana, while one-fifth pursued their qualifications in other states.

Regarding employment characteristics, a significant majority of PAs reported Patient Care/Documentation as their primary field, and just under half of PAs reported providing telehealth services. Most PAs reported having one practice location, and the majority reported their practice setting as an Office/Clinic – Single Specialty Group.

The highest proportion of PAs reported their supervising physician having a surgical subspecialty. Additionally, the majority of PAs reported working over 37 hours per week in their primary practice settings and more than 33 hours in direct patient care. Over the next two years, the majority of PAs in Indiana indicated their intention to maintain their current employment status.

The most frequently mentioned population group served by PAs was adults, followed by geriatric individuals ages 65 and older. Additionally, the most commonly reported services provided by PAs were Dementia/Alzheimer's Care, Addiction Counseling, and Screening for Addiction. Geographically, over one-fifth of counties in Indiana experienced limited accessibility to PA professionals. Rural counties encountered greater challenges in accessing PA services compared to urban counties.

This report provides a snapshot of Indiana's PA workforce and can be used to inform workforce development initiatives and related policies. For further information on Indiana's PA workforce, please contact the Bowen Center for Health Workforce Research and Policy at [bowenctr@iu.edu](mailto:bowenctr@iu.edu).

# INTRODUCTION

Physician assistants (PAs) are integral members of the healthcare team in many hospitals and clinical practices as they provide healthcare services under the direction and supervision of a licensed physician.<sup>1</sup> Moreover, PAs have played effective roles in delivering primary care services in various settings and have thus become an important component of the U.S. healthcare workforce.<sup>2</sup> Understanding the PA workforce's demographic characteristics, education characteristics, practice characteristics, and settings is vital to inform health workforce policy and support the identification of workforce shortages.

The Bowen Center for Health Workforce Research and Policy (Bowen Center) supports the State of Indiana in developing sustainable data management processes and publishing timely workforce data which can be used to inform policy and planning. This 2022 Indiana Physician Assistants Data Report presents an overview of the supply and characteristics of licensed PAs in the state, highlighting significant findings related to their demographics, education, and practice characteristics.

## METHODOLOGY

### DATA COLLECTION

The supplemental survey questions administered to PAs during the 2022 license renewal cycle can be found on IUPUI ScholarWorks at <https://hdl.handle.net/1805/26908>. Supplemental survey data collected during the renewal period and basic licensure data (name, license number, etc.) were extracted and exported into separate text files by the Indiana Professional Licensing Agency (PLA) after the close of the license renewal period.

### DATA MANAGEMENT PROCEDURES

Supplemental survey data were cleaned and coded per processes outlined in the Bowen Center data management procedures (available at: <http://hdl.handle.net/1805/16704>). After completing these procedures, the survey data file was merged into the licensure data file by unique license number to create a 2022 Physician Assistants Workforce Master File. This Master File was then uploaded to the Indiana Health Professions Database. Verification and geocoding of license address and self-reported practice address(es) were provided by Melissa Data, Inc.

Additional variables were generated through data management processes. The full-time equivalency (FTE) was generated for each reported practice location based on self-reported hours in direct patient care, as outlined in Table 1. Address cleaning and geocoding procedures also resulted in additional variables related to geographic location, such as county and the associated rurality based on criteria outlined by the United States Department of Agriculture (more information can be found here: <https://www.ers.usda.gov/data-products/rural-urban-commuting-area-codes/documentation/>).

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<sup>1</sup> What is a Physician Assistant? Tufts University School of Medicine, <https://medicine.tufts.edu/academics/physician-assistant/pa-program-overview/what-physician-assistant>

<sup>2</sup> Cawley JF. Physician Assistants and Their Role in Primary Care. Policy Forum, May 12.

**Table 1.** Conversion Strategy for Reported Hours in Patient Care

Reported hours in patient care	Conversion
0 hours in patient care/Not applicable	0.0 FTE
1 - 4 hours in patient care	0.1 FTE
5 - 8 hours in patient care	0.2 FTE
9 - 12 hours in patient care	0.3 FTE
13 - 16 hours in patient care	0.4 FTE
17 - 20 hours in patient care	0.5 FTE
21 - 24 hours in patient care	0.6 FTE
25 - 28 hours in patient care	0.7 FTE
29 - 32 hours in patient care	0.8 FTE
33 - 36 hours in patient care	0.9 FTE
37 - 40 hours in patient care	1.0 FTE
41 or more hours in patient care	1.0 FTE

## LIMITATIONS

There are some limitations to this report that should be noted. First, the information presented is largely based on self-reported data, which introduces the potential for response bias. This bias, however, is likely diminished through the statutory requirement for PAs to provide specified information during online renewal and their attestation that all information provided is accurate. Additionally, changes to the survey tools over the last several biennial license renewal surveys limit longitudinal analysis. Considerations are being made to minimize future changes to supplemental survey questions to ensure confidence in longitudinal analyses.

## REPORT STRUCTURE

This report includes three sections of summary data:

### **Section I: Total Licenses**

### **Section II: Actively Practicing Physician Assistants**

### **Section III: Geographic Distribution**

This data report provides a snapshot of Indiana’s PA workforce. This information should only be used for informing workforce planning. Additional data can be viewed or requested online at Bowen Health Workforce – Information Portal ([bowenportal.org](http://bowenportal.org)).

# SECTION I: TOTAL LICENSES

## TOTAL RENEWALS

Of the 2,442 PAs who renewed their license in 2022, 1,575 (64.5%) renewed their license electronically and responded to the supplemental survey questions. However, one additional licensee did not complete their online license renewal. Overall, 2,388 (97.8%) of all renewals had an active license, 886 of which were offline renewals that did not receive the supplemental license renewal survey. Table 1.1 provides an in-depth look at PA license status for 2022.

**Table 1.1** License Status of Physician Assistants Licensed in Indiana, Based on Renewal Status

	Survey Respondents (Online Renewals)		Offline Renewals		Non-Respondents		Total	
	N	%	N	%	N	%	N	%
Total	1,575		866		1		2,442	
<b>License Status</b>								
Active	1,522	96.6	866	100.0	0	0.0	2,338	97.8
Valid to Practice While Under Review	0	0.0	0	0.0	0	0.0	0	0.0
Probation	2	0.1	0	0.0	0	0.0	2	0.1
Other Inactive/Invalid Status	51	3.2	0	0.0	1	100.0	51	2.1

**Source:** Indiana Physician Assistant License and Supplemental Survey Data, 2022

## EMPLOYMENT STATUS AND PRACTICE LOCATION

Of the 1,575 PAs who renewed their license online and responded to the supplemental survey, nearly all (94.5%) reported actively working in a position that requires a physician assistant license. An additional 40 (2.5%) PAs reported not currently working but seeking work in a position that requires a physician assistant license. Table 1.2 provides a full description of the reported employment status of Indiana in 2022.

**Table 1.2** License Status of Physician Assistants Licensed in Indiana, Based on Renewal Status

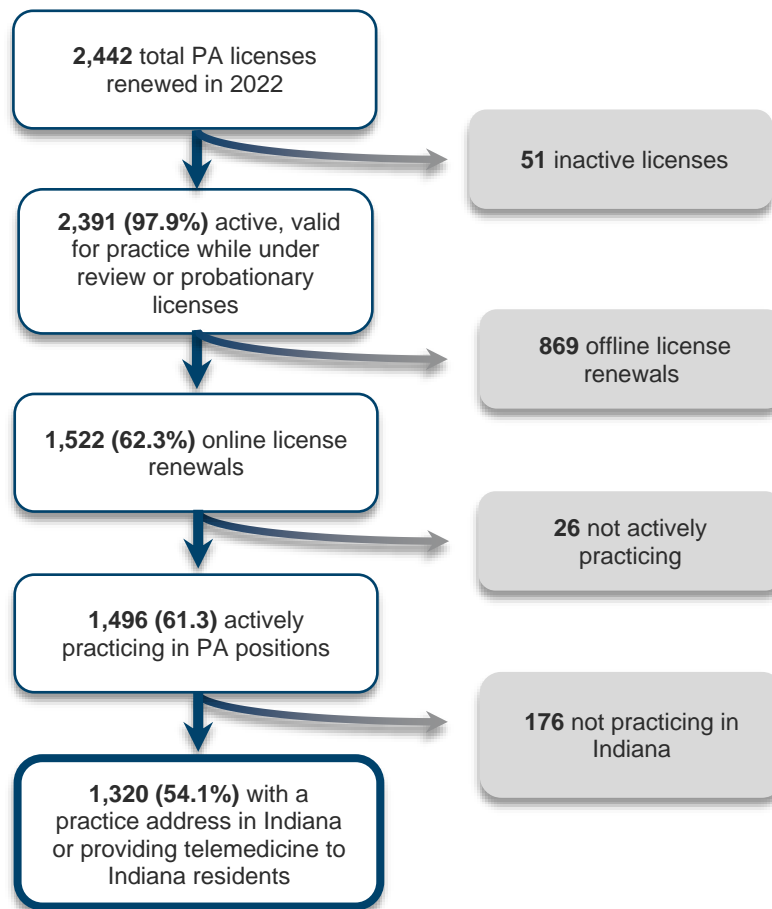
	N	%
Total	1,575	
<b>License Status</b>		
Actively working in a position that requires a physician assistant license	1,489	94.5
Actively working in a physician assistant related field that does not require a physician assistant license	7	0.4
Actively working in a non-physician assistant field that does not require a physician assistant license	13	0.8
Not currently working, disabled	4	0.3
Not currently working, seeking work in a position that requires a physician assistant license	40	2.5
Not currently working, seeking work in a position that does not require a physician assistant license	3	0.2
Student	0	0.0
Leave of absence or sabbatical	16	1.0
Retired	3	0.2

**Source:** Indiana Physician Assistant License and Supplemental Survey Data, 2022

# SECTION II: ACTIVELY PRACTICING PHYSICIAN ASSISTANTS

## REPORTING SAMPLE

To produce a reporting sample of PAs that accurately represents Indiana’s PA workforce, the strategy outlined in Figure 2.1 was used. The 2022 Indiana PA reporting sample includes PAs who, 1) had an active license status, 2) renewed their license online, 3) reported actively practicing, and 4) reported providing telehealth to Indiana residents or have a reported practice address in Indiana. Of the 2,442 PAs who renewed their Indiana license in 2022, 1,320 (54.1%) met all criteria for inclusion in the reporting sample.



**Figure 2.1** Results of sample selection criteria for Indiana Physician Assistants



## DEMOGRAPHICS

Demographically, Indiana PAs are predominantly characterized as being female (N = 986, 74.7%), under the age 35, White (91.7%), and non-Hispanic (97.7%) (Table 2.1). Based on average age, female PAs were slightly younger than their male counterparts. Female PAs also exhibited slightly greater racial diversity (8.7% non-White for females versus 7.2% non-White for males) and slightly greater ethnic diversity (2.5% Hispanic or Latino for females versus 1.5% for males).

**Table 2.1:** Physician Assistant Demographic Characteristics

	Female		Male		Total	
	N	%	N	%	N	%
<b>Total</b>	<b>986</b>		<b>334</b>		<b>1,320</b>	
<b>Mean Age</b>	<b>36.4</b>		<b>41.8</b>		<b>37.8</b>	
<b>Age Group</b>						
Under 35	522	52.9	106	31.7	628	47.6
35 – 44	298	30.2	109	32.6	407	30.8
45 – 54	111	11.3	69	20.7	180	13.6
55 – 64	38	3.9	40	12.0	78	5.9
65 and Older	11	1.1	8	2.4	19	1.4
Age Unavailable	6	0.6	2	0.6	8	0.6
<b>Race</b>						
White	900	91.3	310	92.8	1,210	91.7
Black or African American	18	1.8	8	2.4	26	2.0
Asian	31	3.1	5	1.5	36	2.7
American Indian or Alaska Native	0	0.0	1	0.3	1	0.1
Native Hawaiian/Pacific Islander	1	0.1	1	0.3	2	0.2
Some Other Race	15	1.5	8	2.4	23	1.7
Multiracial	21	2.1	1	0.3	22	1.7
<b>Ethnicity</b>						
Not Hispanic or Latino	961	97.5	329	98.5	1290	97.7
Hispanic or Latino	25	2.5	5	1.5	30	2.3

**Source:** Indiana Physician Assistant Re-Licensure Survey, 2022

**Notes:** Age was calculated by measuring the difference between the survey completion date and the respondent's date of birth provided by PLA.

## EDUCATION

A significant proportion of PAs reported holding advanced qualifications, with the majority (82.3%) reporting that they obtained a master's degree as their qualifying education, followed by a bachelor's degree (14.2%). Just over half of Indiana PAs also (N = 742, 56.2%) completed their education within Indiana, while 23.4% (N = 309) acquired their qualifications in contiguous states and 20.4% (N = 269) pursued their qualifications in other states.

When reporting their highest level of education, most (85.5%) PAs still reported having a master's degree, 2.1% reported holding doctoral degrees (Table 2.3). It should be noted that PAs who reported a bachelor's degree or lower as their highest education may represent historical changes in educational requirements for this profession, a trend that is discussed further in the 2022 PA Policy Brief.<sup>3</sup>

Nearly all PAs (93.6) reported not completing any post-graduate training, though very few reported trainings in Emergency Medicine (1.1%) and another specialty not listed (2.1%).

**Table 2.2:** Physician Assistant Education Characteristics

Qualifying Degree	Indiana		Contiguous States		Other US State		Another Country (not US)		Total	
	N	%	N	%	N	%	N	%	N	%
Certificate/diploma	5	0.7	4.0	1.5	12.0	3.9	0	0.0	21	1.6
Associate degree	1	0.1	13.0	4.8	3.0	1.0	0	0.0	17	1.3
Bachelor's degree	126	17	34.0	12.6	27.0	8.7	0	0.0	187	14.2
Master's degree	605	81.5	217.0	80.7	265.0	85.8	0	0.0	1,087	82.3
Doctorate degree	1	0.1	1.0	0.4	0.0	0.0	0	0.0	2	0.2
Military training certification	0	0.0	0.0	0	0.0	0.0	0	0.0	0	0.0
Other	4	0.5	0.0	0	2.0	0.6	0	0.0	6	0.5
<b>Total</b>	<b>742</b>	<b>100.0</b>	<b>269</b>	<b>100.0</b>	<b>309</b>	<b>100.0</b>	<b>0</b>	<b>0.0</b>	<b>1,320</b>	<b>100.0</b>

**Source:** Indiana Physician Assistant Re-Licensure Survey, 2022

**Notes:** Contiguous states include Illinois, Kentucky, Michigan, and Ohio.

**Table 2.3:** Physician Assistant Post-Graduate Training Specialty

	N	%
<b>Total</b>	<b>1,320</b>	
<b>Highest Education</b>		
Certificate/diploma	7	0.5
Associate Degree	5	0.4
Bachelor's Degree	149	11.3
Master's Degree	1,128	85.5
Doctorate Degree	28	2.1
Military training certification	1	0.0
Other	3	0.2

<sup>3</sup> Jones PE. Physician assistant education in the United States. Acad Med. 2007 Sep;82(9):882-7.

**Table 2.3: Physician Assistant Post-Graduate Training Specialty**

	N	%
<b>Post-Graduate Training Specialty</b>		
No Post-Graduate Training Completed	1,235	93.6
Acute Care Medicine	0	0.0
Cardiology	0	0.0
Cardiothoracic	2	0.2
Critical Care/Trauma	0	0.0
Emergency Medicine	14	1.1
Family Medicine	9	0.7
Hematology/Oncology	2	0.2
Hospitalist	4	0.3
Internal Medicine	5	0.4
Neonatology	4	0.3
Neurosurgery	0	0.0
OB-GYN	0	0.0
Orthopedic Surgery	8	0.6
Otolaryngology	1	0.1
Pediatrics	2	0.2
Psychiatry	3	0.2
Surgery	4	0.3
Urgent Care	0	0.0
Urology	0	0.0
Other	27	2.1

**Source:** Indiana Physician Assistant Re-Licensure Survey, 2022

# PRACTICE CHARACTERISTICS

## PRACTICE SETTING AND HOURS IN PATIENT CARE

Most Indiana PAs (95.5%) reported Patient Care/Documentation as their primary field of practice, and nearly half (46.1%) reported providing telehealth services (Table 2.4). Additionally, the majority of Indiana PAs indicated their intention to maintain their current employment status (89.9%), while less than 10% planned to either increase (6.7%) or reduce (2.7%) their working hours.

While PAs in Indiana report working in several primary practice settings, the highest percentage reported practicing in Office/Clinic – Single Specialty Group (23.0%), followed by Hospital – Inpatient (18.9%) (Table 2.5). A notable percentage (79.4%) of Indiana PAs did not report a secondary practice.

Though Indiana PAs reported a diversity of specialties for their supervising physician, over one-fourth (27.6%) reported practicing in Surgical Subspecialties, followed by 16.0% in Family Medicine/General Practice, and 15.3% in Emergency Medicine (Table 2.6). The majority of PAs also reported working more than 37 hours per week in their primary practice settings (61.9%, N = 817), while 56.4% (N = 745) reported working more than 33 hours in direct patient care (Table 2.7).

**Table 2.4:** Physician Assistant Employment Characteristics

	N	%
<b>Total</b>	<b>1,320</b>	
<b>Primary Field at Primary Practice</b>		
Patient Care/Documentation	1,260	95.5
Teaching/Precepting/Orienting	8	0.6
Supervision/Management/Administration	13	1.0
Research	0	0.0
Other	10	0.8
Not applicable	29	2.2
<b>Employment Plans</b>		
No planned change	1,187	89.9
Increase hours in the physician assistant field	89	6.7
Decrease hours in the physician assistant field	36	2.7
Leave employment in the field of physician assistant	8	0.6
<b>Provide Telemedicine Services</b>		
Yes	609	46.1
No	711	53.9

**Source:** Indiana Physician Assistant Re-Licensure Survey, 2022

**Table 2.5:** Physician Assistant Practice Characteristics

	Primary Practice		Primary Practice	
	N	%	N	%
<b>Total</b>	<b>1,320</b>		<b>1,320</b>	
<b>Primary Practice Setting</b>				
Office/Clinic – Solo Practice	99	7.5	19	1.4
Office/Clinic – Partnership	102	7.7	18	1.4
Office/Clinic – Single Specialty Group	303	23.0	47	3.6
Office/Clinic – Multi Specialty Group	149	11.3	34	2.6
Hospital – Ambulatory Care Center	11	0.8	3	0.2
Hospital – Emergency Department	179	13.6	67	5.1
Hospital – Inpatient	250	18.9	38	2.9
Hospital – Outpatient	82	6.2	11	0.8
Federal Government Hospital	5	0.4	0	0.0
Research Laboratory	0	0.0	1	0.1
Medical School	1	0.1	4	0.3
Nursing Home or Extended Care Facility	15	1.1	6	0.5
Home Health Setting	8	0.6	3	0.2
Hospice Care	0	0.0	0	0.0
Federal/State/Community Health Center(s)	17	1.3	0	0.0
Local Health Department	2	0.2	0	0.0
Telemedicine	24	1.8	0	0.0
Volunteer in a Free Clinic	0	0.0	1	0.1
Other	49	3.7	20	1.5
Not Applicable	24	1.8	1,048	79.4

**Source:** Indiana Physician Assistant Re-Licensure Survey, 2022

**Table 2.6:** Physician Assistant, Specialty of Supervising Physician

	Primary Practice		Secondary Practice	
	N	%	N	%
<b>Total</b>	<b>1,320</b>		<b>1,320</b>	
<b>Supervising Physician Specialty</b>				
Adolescent Medicine	0	0.0	0	0.0
Anesthesiology	3	0.2	1	0.1
Critical Care Medicine	11	0.8	0	0.0
Dermatology	63	4.8	14	1.1
Emergency Medicine	202	15.3	80	6.1
Family Medicine/General Practice	211	16.0	24	1.8
General Pediatrics	8	0.6	4	0.3
Gynecology Only	6	0.5	1	0.1
Hospital Medicine (Hospitalist)	66	5.0	10	0.8
Internal Medicine Subspecialties*	153	11.6	26	2.2
Neurology	16	1.2	3	0.2
Not Applicable	14	1.1	1,021	77.4
Obstetrics & Gynecology	14	1.1	3	0.2
Occupational Medicine	20	1.5	6	0.5
Ophthalmology	2	0.2	0	0.0

**Table 2.6:** Physician Assistant, Specialty of Supervising Physician

	Primary Practice		Secondary Practice	
	N	%	N	%
Other	82	6.2	31	2.3
Otolaryngology	14	1.1	4	0.3
Pathology	1	0.1	0	0.0
Pediatric Subspecialties	12	0.9	1	0.1
Physical Medicine/Rehabilitation	17	1.3	3	0.2
Psychiatry	22	1.7	2	0.2
Radiation Oncology	3	0.2	0	0.0
Radiology	17	1.3	0	0.0
Surgical Subspecialties*	363	27.6	86	6.5

**Source:** Indiana Physician Assistant Re-Licensure Survey, 2022

\* See the 2020 Physician Assistant Supplemental Survey for the complete list of internal medicine and surgical subspecialties.

**Table 2.7:** Physician Assistant Hours per Week in Patient Care

	Primary Practice		Primary Practice	
	N	%	N	%
<b>Total</b>	1,320	100.0	1,320	100.0
<b>Total House per week at practice</b>				
0 hours per week	2	0.2	64	4.8
1-4 hours per week	8	0.6	49	3.7
5-8 hours per week	21	1.6	65	4.9
9-12 hours per week	26	2.0	57	4.3
13-16 hours per week	22	1.7	18	1.4
17-20 hours per week	43	3.3	14	1.1
21-24 hours per week	63	4.8	21	1.6
25-28 hours per week	54	4.1	2	0.2
29-32 hours per week	75	5.7	3	0.2
33-36 hours per week	161	12.2	1	0.1
37-40 hours per week	508	38.5	5	0.4
41 or more hours per week	309	23.4	6	0.5
Not Applicable	28	2.1	1,015	76.9
<b>Hours spent in Direct Patient Care</b>				
0 hours per week	4	0.3	68	5.2
1-4 hours per week	12	0.9	55	4.2
5-8 hours per week	27	2.0	69	5.2
9-12 hours per week	46	3.5	53	4.0
13-16 hours per week	33	2.5	15	1.1
17-20 hours per week	101	7.7	11	0.8
21-24 hours per week	89	6.7	20	1.5
25-28 hours per week	71	5.4	2	0.2
29-32 hours per week	159	12.0	2	0.2
33-36 hours per week	287	21.7	2	0.2
37-40 hours per week	324	24.5	6	0.5
41 or more hours per week	134	10.2	2	0.2
Not Applicable	33	2.5	1,015	76.9

**Source:** Indiana Physician Assistant Re-Licensure Survey, 2022

## PATIENT PANEL

When reporting on population served, the most frequently mentioned population served by PAs was adults (95.8%, N = 1,264), with 46% of these PAs also reporting that they offer telehealth services (Table 2.8). Following adults, 84.0% (N = 1,109) of PAs indicated providing services to geriatric individuals, and 44.3% of these PAs also reported providing telehealth services.

The most commonly reported services provided by PAs were Dementia/Alzheimer's Care (N = 119), Addiction Counseling (N = 107), and Screening for Addiction (N = 84). Almost half (45.4%, N = 54) of those offering Dementia/Alzheimer's Care, 54.2% (N = 58) of those providing Addiction Counseling, and 61.9% (N = 52) of those offering Screening for Addiction also reported providing telehealth in their practice.

**Table 2.8a:** Pediatric Populations Served by Physician Assistants, by Telehealth Status

Telehealth	Newborns		Children (ages 2 – 10)		Adolescents (ages 11 – 19)		Unique Count PA's Serving these Populations	
	N	%	N	%	N	%	N	%
Yes	147	36.6	281	42.1	384	44.4	386	44.2
No	255	63.4	386	57.9	481	55.6	487	55.8
<b>Total</b>	<b>402</b>	<b>100.0</b>	<b>667</b>	<b>100.0</b>	<b>865</b>	<b>100.0</b>	<b>873</b>	<b>100.0</b>

Source: Indiana Physician Assistant Re-Licensure Survey, 2022

**Table 2.8b:** Adult and Special Populations Served by Physician Assistants, by Telehealth Status

Telehealth	Adults		Geriatric		Pregnant Women		Inmates		Disabled Persons		Individuals in Recovery		Unique Count PA's Serving these Population	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Yes	581	46.0	491	44.3	240	39.3	99	26.8	284	41.2	128	34.5	589	46.0
No	683	54.0	618	55.7	370	60.7	270	73.2	406	58.8	243	65.5	691	54.0
<b>Total</b>	<b>1,264</b>	<b>100.0</b>	<b>1,109</b>	<b>100.0</b>	<b>610</b>	<b>100.0</b>	<b>369</b>	<b>100.0</b>	<b>690</b>	<b>100.0</b>	<b>371</b>	<b>100.0</b>	<b>1,280</b>	<b>100.0</b>

Source: Indiana Physician Assistant Re-Licensure Survey, 2022

**Table 2.9a:** Addiction-Related Services Provided by Physician Assistants, by Telehealth Status

Telehealth	Screening for Addiction (ex: SBIRT)		Addiction Counseling		MAT Treatment - Methadone		MAT Treatment - Buprenorphine		MAT Treatment - Naltrexone		Treatment for OUD-affected Pregnancies		Unique Count PA's Providing these Services	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Yes	52	61.9	58	54.2	4	50.0	26	81.3	23	82.1	11	64.7	93	55.4
No	32	38.1	49	45.8	4	50.0	6	18.8	5	17.9	6	35.3	75	44.6
<b>Total</b>	<b>84</b>	<b>100.0</b>	<b>107</b>	<b>100.0</b>	<b>8</b>	<b>100.0</b>	<b>32</b>	<b>100.0</b>	<b>28</b>	<b>100.0</b>	<b>17</b>	<b>100.0</b>	<b>168</b>	<b>100.0</b>

Source: Indiana Physician Assistant Re-Licensure Survey, 2022

**Table 2.9b:** Maternity Care Services Provided by Physician Assistants, by Telehealth Status

Telehealth	Screening for High-Risk Pregnancies		High-Risk Pregnancy Services		Labor and Delivery Services		Pre-Natal Services		Post-Natal Services		Unique Count PA's Providing these Services	
	N	%	N	%	N	%	N	%	N	%	N	%
Yes	16	55.2	9	32.1	5	33.3	16	39.0	17	41.5	28	43.1
No	13	44.8	19	67.9	10	66.7	25	61.0	24	58.5	37	56.9
<b>Total</b>	<b>29</b>	<b>100.0</b>	<b>28</b>	<b>100.0</b>	<b>15</b>	<b>100.0</b>	<b>41</b>	<b>100.0</b>	<b>41</b>	<b>100.0</b>	<b>65</b>	<b>100.0</b>

Source: Indiana Physician Assistant Re-Licensure Survey, 2022

**Table 2.9c:** Other Services Provided by Physician Assistants, by Telehealth Status

Telehealth	Dementia/ Alzheimer's Care		Hepatitis C Treatment/ Management		HIV/AIDS Treatment/ Management		Unique Count PA's Providing these Services	
	N	%	N	%	N	%	N	%
Yes	54	45.4	28	58.3	12	36.4	85	52.1
No	65	54.6	20	41.7	21	63.6	78	47.9
<b>Total</b>	<b>119</b>	<b>100.0</b>	<b>48</b>	<b>100.0</b>	<b>33</b>	<b>100.0</b>	<b>163</b>	<b>100.0</b>

Source: Indiana Physician Assistant Re-Licensure Survey, 2022



## SECTION III: GEOGRAPHIC DISTRIBUTION

Geographically, 20 counties had no reported FTE for Indiana PAs (Table 3.1, Figure 3.1). Additionally, Lawrence County stands out with an exceptionally high population-to-FTE ratio: 113,425:1. In summary, 22.8% of Indiana counties either lack sufficient PA capacity or have no direct access to licensed PA professionals.

Rural counties tend to have higher ratios or complete absences of PAs compared to urban counties, indicating potential barriers to healthcare access. For instance, urban counties like Marion, Lake, and Allen have lower resident-per-PA FTE ratios compared to rural counties such as Benton, Jay, and Rush, which have no reported PAs, indicating significant challenges in accessing PAs' healthcare services. These disparities underscore the necessity for targeted interventions to address the unique healthcare requirements across Indiana's counties.

**Table 3.1:** Physician Assistant Workforce Capacity and Distribution

County Name	Rurality	Population	Total PAs	FTE	Resident per PA FTE
Adams	Rural	35,777	4	2.4	14,907
Allen	Urban	379,299	128	106.4	3,564
Bartholomew	Urban	83,779	14	14.3	5,858
Benton	Urban	8,748	0	0.0	-
Blackford	Rural	11,758	0	0.0	-
Boone	Urban	67,843	6	4.7	14,434
Brown	Urban	15,092	0	0.0	-
Carroll	Urban	20,257	0	0.0	-
Cass	Rural	37,689	2	2.4	15,703
Clark	Urban	118,302	14	8.1	14,605
Clay	Urban	26,225	0	0.0	-
Clinton	Rural	32,399	0	0.0	-
Crawford	Rural	10,577	0	0.0	-
Daviess	Rural	33,351	3	2.7	12,352
Dearborn	Urban	49,458	12	2.8	17,663
Decatur	Rural	26,559	1	1.0	26,559
DeKalb	Rural	43,475	2	1.1	39,522
Delaware	Urban	114,135	17	14.5	7,871
Dubois	Rural	42,736	7	5.6	7,631
Elkhart	Urban	206,341	13	10.9	18,930
Fayette	Rural	23,102	0	0.4	57,755
Floyd	Urban	78,522	24	14.5	5,415
Fountain	Rural	16,346	1	0.5	32,692
Franklin	Rural	22,758	3	2.1	10,837
Fulton	Rural	19,974	0	0.0	-
Gibson	Rural	33,659	1	0.8	42,073
Grant	Rural	65,769	1	1.2	54,807
Greene	Rural	31,922	1	0.6	53,203
Hamilton	Urban	338,011	89	78.7	4,294
Hancock	Urban	78,168	6	4.0	19,542

**Table 3.1:** Physician Assistant Workforce Capacity and Distribution

County Name	Rurality	Population	Total PAs	FTE	Resident per PA FTE
Harrison	Urban	40,515	2	1.1	36,831
Hendricks	Urban	170,311	43	35.2	4,838
Henry	Rural	47,972	10	7.1	6,756
Howard	Urban	82,544	13	10.2	8,092
Huntington	Rural	36,520	6	4.8	7,608
Jackson	Rural	44,231	12	8.3	5,329
Jasper	Urban	33,562	0	0.0	-
Jay	Rural	20,436	0	0.0	-
Jefferson	Rural	32,308	9	5.6	5,769
Jennings	Rural	27,735	2	2.0	13,867
Johnson	Urban	158,167	43	33.1	4,778
Knox	Rural	36,594	5	4.3	8,510
Kosciusko	Rural	79,456	9	7.7	10,318
LaGrange	Rural	39,614	3	2.4	16,505
Lake	Urban	485,493	86	57.3	8,472
LaPorte	Urban	109,888	4	3.9	28,176
Lawrence	Rural	45,370	0	0.4	113,425
Madison	Urban	129,569	14	11.7	11,074
Marion	Urban	964,582	390	317.1	3,041
Marshall	Rural	46,258	1	1.0	46,258
Martin	Rural	10,255	0	0.0	-
Miami	Rural	35,516	0	0.0	-
Monroe	Urban	148,431	29	27.3	5,437
Montgomery	Rural	38,338	2	2.6	14,745
Morgan	Urban	70,489	6	6.0	11,748
Newton	Urban	13,984	0	0.0	-
Noble	Rural	47,744	2	1.8	26,524
Ohio	Urban	5,875	0	0.0	-
Orange	Rural	19,646	0	0.0	-
Owen	Urban	20,799	0	0.0	-
Parke	Rural	16,937	1	1.0	16,937
Perry	Rural	19,169	0	0.0	-
Pike	Rural	12,389	0	0.0	-
Porter	Urban	170,389	15	12.4	13,741
Posey	Urban	25,427	0	0.0	-
Pulaski	Rural	12,353	0	0.0	-
Putnam	Urban	37,576	5	4.5	8,350
Randolph	Rural	24,665	0	0.0	-
Ripley	Rural	28,324	3	1.5	18,882
Rush	Rural	16,581	0	0.0	-
Scott	Urban	23,873	3	2.3	10,379
Shelby	Urban	44,729	8	7.3	6,127
Spencer	Rural	20,277	0	0.0	-
St. Joseph	Urban	271,826	39	36.5	7,447
Starke	Rural	22,995	0	0.0	-

**Table 3.1:** Physician Assistant Workforce Capacity and Distribution

County Name	Rurality	Population	Total PAs	FTE	Resident per PA FTE
Steuben	Rural	34,594	3	2.6	13,305
Sullivan	Urban	20,669	0	0.0	-
Switzerland	Rural	10,751	0	0.0	-
Tippecanoe	Urban	195,732	27	23.2	8,436
Tipton	Rural	15,148	0	0.0	-
Union	Urban	7,054	0	0.0	-
Vanderburgh	Urban	181,451	36	26.7	6,795
Vermillion	Urban	15,498	0	0.0	-
Vigo	Urban	107,038	34	27.3	3,920
Wabash	Rural	30,996	2	1.5	20,664
Warren	Rural	8,265	1	0.2	41,325
Warrick	Urban	62,998	11	10.4	6,057
Washington	Urban	28,036	0	0.4	70,090
Wayne	Rural	65,884	22	18.8	3,504
Wells	Urban	28,296	1	0.9	31,440
White	Rural	24,102	0	0.0	-
Whitley	Urban	33,964	1	0.8	42,455

**Source:** Indiana Physician Assistant Re-Licensure Survey, 2022; American Community Survey 5-year estimate, 2015

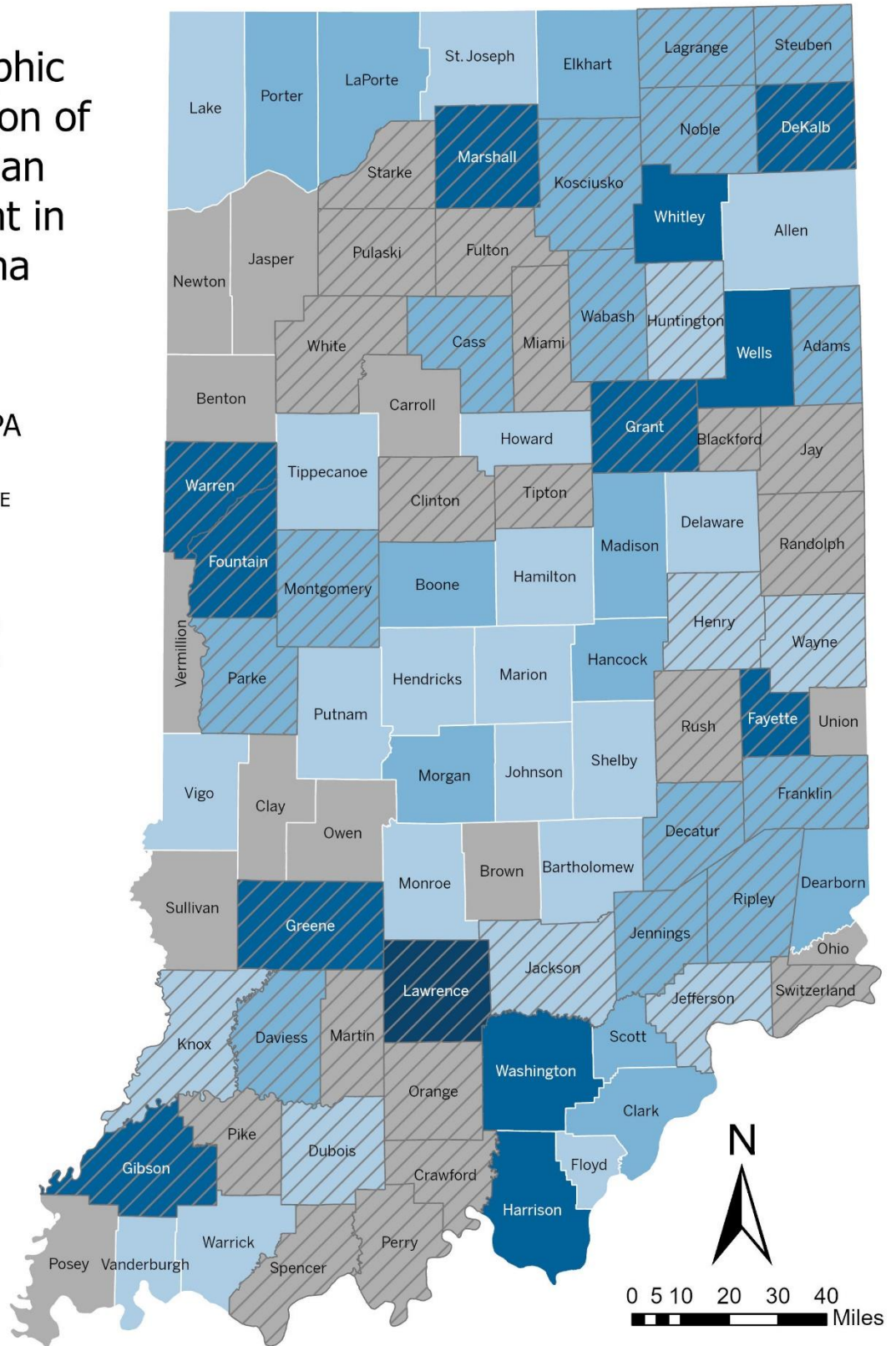
**Notes:** Population to provider ratio could not be counted in counties where there was no reported physician assistant FTE.

Figure 3.1 Geographic Distribution of Physician Assistants in Indiana

# Geographic Distribution of Physician Assistant in Indiana

## Resident Per PA FTE

- No Reported FTE
- 0-8,510
- 8,510-28,176
- 28,176-70,090
- 70,090-113,425
- Non-Metro Area



Source: Indiana Physician Assistant Re-Licensure Survey, 2022. US Department of Agriculture, Rural-Urban Continuum codes, 2019. Notes: Residents per PA FTE ratio could not be counted in counties where there was no reported PA FTE

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