
Virginia's Physical Therapist Assistant Workforce: 2022

Healthcare Workforce Data Center

February 2023

Virginia Department of Health Professions
Healthcare Workforce Data Center
Perimeter Center
9960 Mayland Drive, Suite 300
Henrico, VA 23233
804-597-4213, 804-527-4434 (fax)
E-mail: HWDC@dhp.virginia.gov

Follow us on Tumblr: www.vahwdc.tumblr.com

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More than 3,300 Physical Therapist Assistants voluntarily participated in this survey. Without their efforts, the work of the center would not be possible. The Department of Health Professions, the Healthcare Workforce Data Center, and the Board of Physical Therapy express our sincerest appreciation for their ongoing cooperation.

Thank You!

Virginia Department of Health Professions

Arne W. Owens, MS
Director

James L. Jenkins, Jr., RN
Chief Deputy Director

Healthcare Workforce Data Center Staff:

Yetty Shobo, PhD
Director

Barbara Hodgdon, PhD
Deputy Director

Rajana Siva, MBA
Data Analyst

Christopher Coyle, BA
Research Assistant

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The Physical Therapist Assistant Workforce At a Glance:

The Workforce

Licensees:	4,095
Virginia's Workforce:	3,754
FTEs:	3,049

Background

Rural Childhood:	43%
HS Degree in VA:	66%
Prof. Degree in VA:	79%

Current Employment

Employed in Prof.:	94%
Hold 1 Full-Time Job:	66%
Satisfied?:	94%

Survey Response Rate

All Licensees:	83%
Renewing Practitioners:	99%

Education

Associate:	97%
Baccalaureate:	2%

Job Turnover

Switched Jobs:	10%
Employed Over 2 Yrs.:	58%

Demographics

% Female:	74%
Diversity Index:	36%
Median Age:	40

Finances

Median Income:	\$50k-\$60k
Health Insurance:	58%
Under 40 w/ Ed. Debt:	57%

Primary Roles

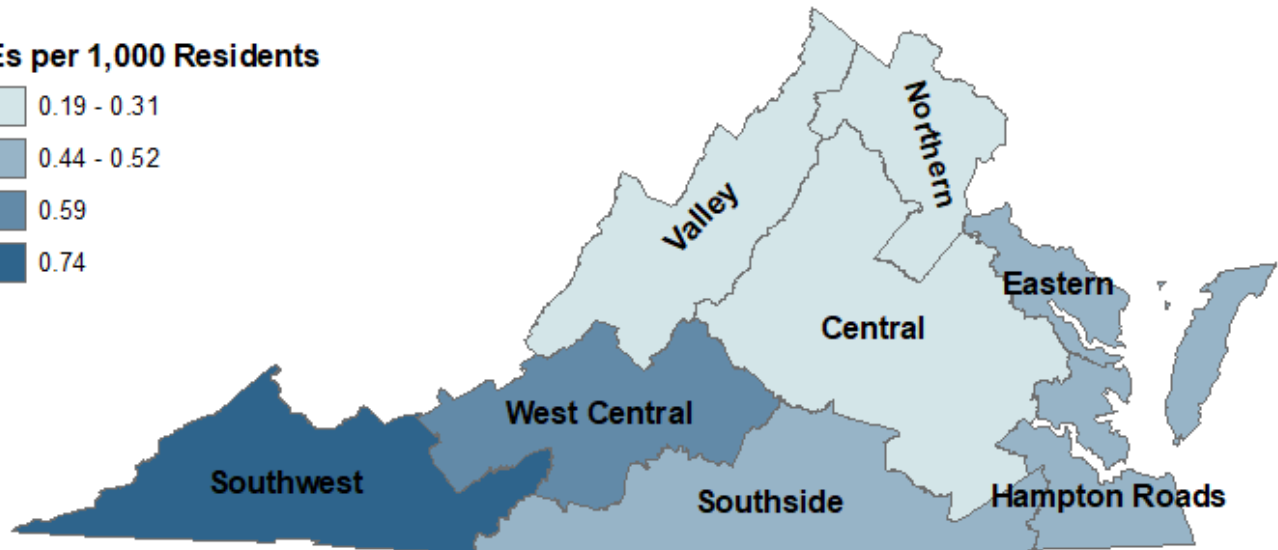
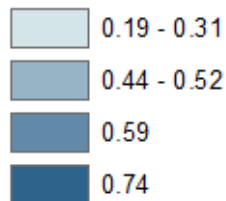
Patient Care:	86%
Administration:	3%
Education:	1%

Source: Va. Healthcare Workforce Data Center

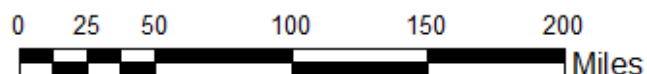
Full-Time Equivalency Units Provided by Physical Therapist Assistants per 1,000 Residents by Virginia Performs Region

Source: Va Healthcare Workforce Data Center

FTEs per 1,000 Residents



Annual Estimates of the Resident Population: July 1, 2021
Source: U.S. Census Bureau, Population Division



In total, 3,380 physical therapist assistants (PTAs) took part in the 2022 Physical Therapist Assistant Workforce Survey. The Virginia Department of Health Professions' Healthcare Workforce Data Center (HWDC) administers the survey during the license renewal process, which takes place in December of even-numbered years for PTAs. These respondents represent 83% of the 4,095 PTAs licensed in the state and 99% of renewing practitioners.

The HWDC estimates that 3,754 PTAs participated in Virginia's workforce during the survey period, which is defined as those who worked at least a portion of the year in the state or who live in the state and intend to return to work in the profession at some point in the future. Virginia's PTA workforce provided 3,049 "full-time equivalency units" during the survey time period, which the HWDC defines simply as working 2,000 hours per year.

While 74% of all PTAs are female, this percentage falls to 71% for those PTAs who are under the age of 40. The median age of the PTA workforce is 40. In a random encounter between two PTAs, there is a 36% chance that they would be of different races or ethnicities, a measure known as the diversity index. This diversity index increases to 38% for those PTAs who are under the age of 40. This makes Virginia's PTA workforce less diverse than the state's population as a whole, which has a comparable diversity index of 58%. Among all PTAs, 43% grew up in a rural area, and 34% of PTAs who grew up in a rural area currently work in a non-metro area of the state. In total, 18% of all PTAs work in a non-metro area of Virginia.

Among all PTAs, 94% are currently employed in the profession, 66% hold one full-time job, and 43% work between 40 and 49 hours per week. More than seven out of every ten PTAs work in the for-profit sector, while another 23% work in the non-profit sector. The median annual income for Virginia's PTA workforce is between \$50,000 and \$60,000. In addition, 79% of PTAs receive at least one employer-sponsored benefit, including 58% who have access to health insurance. More than nine out of every ten PTAs indicated that they are satisfied with their current work situation, including 60% who indicated that they are "very satisfied."

Summary of Trends

In this section, all statistics for the current year are compared to the 2012 Physical Therapist Assistant workforce. The number of licensed PTAs has increased by 54% (4,095 vs. 2,653). In addition, the size of Virginia's PTA workforce has increased by 58% (3,754 vs. 2,377), and the number of FTEs provided by this workforce has grown by 49% (3,049 vs. 2,046). Virginia renewing PTAs are more likely to respond to this survey (99% vs. 87%).

The percentage of PTAs who are female has declined (74% vs. 79%), and this decline is even greater among those PTAs who are under the age of 40 (71% vs. 80%). The diversity index of this workforce has increased (36% vs. 28%) during a time in which the state's overall population has also become more diverse (58% vs. 54%). Virginia's PTAs are less likely to have grown up in a rural area (43% vs. 46%), and PTAs who grew up in a rural area are less likely to work in a non-metro area of the state (34% vs. 37%). In total, the percentage of all PTAs who work in a non-metro area of Virginia has fallen (18% vs. 22%).

Virginia's PTAs are more likely to pursue an Associate of Applied Science as their highest professional degree (81% vs. 78%) instead of an Associate of Science (16% vs. 19%). At the same time, PTAs are more likely to carry education debt (40% vs. 32%), a trend that is also occurring among PTAs who are under the age of 40 (57% vs. 49%). The median debt amount among those PTAs with education debt has increased significantly (\$22k-\$24k vs. \$10k-\$12k).

PTAs are less likely to be currently employed in the profession (94% vs. 95%), hold one full-time job (66% vs. 68%), or work between 40 and 49 hours per week (43% vs. 52%). PTAs are also slightly more likely to have experienced underemployment (5% vs. 4%). PTAs are relatively more likely to work in the non-profit sector (23% vs. 21%) as opposed to the for-profit sector (71% vs. 72%). The percentage of PTAs who indicated that they are satisfied with their current work situation has fallen (94% vs. 97%), and this decline is even larger among those who indicated that they are "very satisfied" (60% vs. 72%).

A Closer Look:

Licensees		
License Status	#	%
Renewing Practitioners	3,329	81%
New Licensees	228	6%
Non-Renewals	538	13%
All Licensees	4,095	100%

Source: Va. Healthcare Workforce Data Center

HWDC surveys tend to achieve very high response rates. Among all renewing PTAs, 99% submitted a survey. These represent 83% of the 4,095 PTAs who held a license at some point in 2022.

Definitions

- 1. The Survey Period:** The survey was conducted in December 2022.
- 2. Target Population:** All PTAs who held a Virginia license at some point in 2022.
- 3. Survey Population:** The survey was available to PTAs who renewed their licenses online. It was not available to those who did not renew, including some PTAs newly licensed in 2022.

Response Rates			
Statistic	Non Respondents	Respondents	Response Rate
By Age			
Under 30	176	505	74%
30 to 34	136	577	81%
35 to 39	93	503	84%
40 to 44	52	420	89%
45 to 49	48	380	89%
50 to 54	44	413	90%
55 to 59	44	273	86%
60 and Over	122	309	72%
Total	715	3,380	83%
New Licensees			
Issued in 2022	137	91	40%
Metro Status			
Non-Metro	86	539	86%
Metro	435	2,454	85%
Not in Virginia	194	387	67%

Source: Va. Healthcare Workforce Data Center

Response Rates	
Completed Surveys	3,380
Response Rate, All Licensees	83%
Response Rate, Renewals	99%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Licensed PTAs

Number:	4,095
New:	6%
Not Renewed:	13%

Response Rates

All Licensees:	83%
Renewing Practitioners:	99%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Workforce

2022 PTA Workforce: 3,754
 FTEs: 3,049

Utilization Ratios

Licensees in VA Workforce: 92%
 Licensees per FTE: 1.34
 Workers per FTE: 1.23

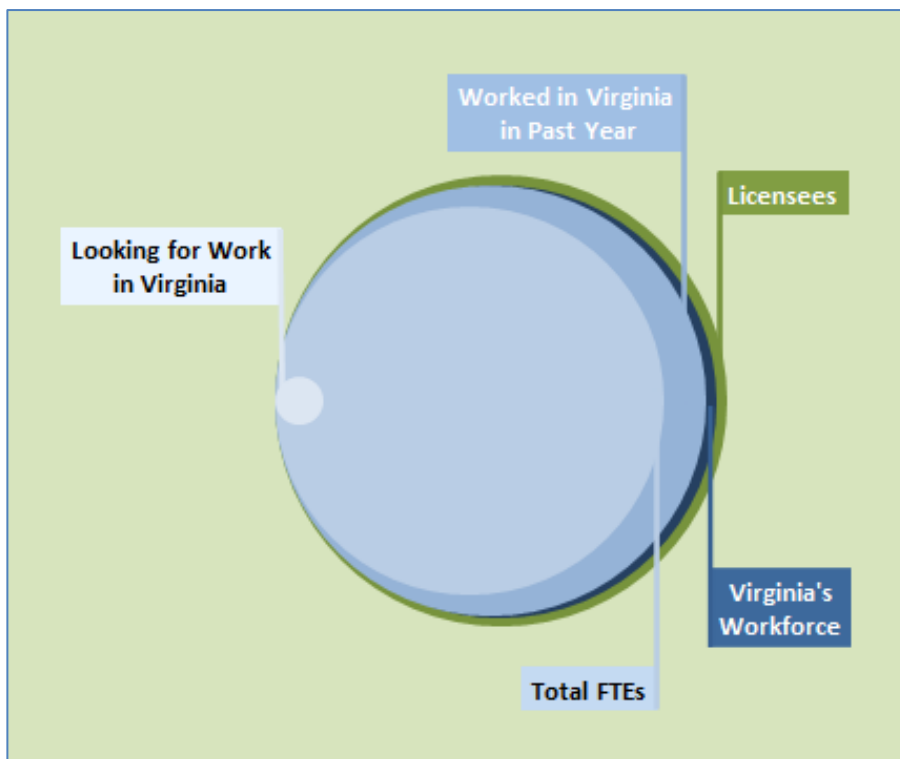
Source: Va. Healthcare Workforce Data Center

Definitions

- 1. Virginia’s Workforce:** A licensee with a primary or secondary work site in Virginia at any time in the past year or who indicated intent to return to Virginia’s workforce at any point in the future.
- 2. Full-Time Equivalency Unit (FTE):** The HWDC uses 2,000 (40 hours for 50 weeks) as its baseline measure for FTEs.
- 3. Licensees in VA Workforce:** The proportion of licensees in Virginia’s Workforce.
- 4. Licensees per FTE:** An indication of the number of licensees needed to create 1 FTE. Higher numbers indicate lower licensee participation.
- 5. Workers per FTE:** An indication of the number of workers in Virginia’s workforce needed to create 1 FTE. Higher numbers indicate lower utilization of available workers.

Virginia's PTA Workforce		
Status	#	%
Worked in Virginia in Past Year	3,705	99%
Looking for Work in Virginia	49	1%
Virginia's Workforce	3,754	100%
Total FTEs	3,049	
Licensees	4,095	

Source: Va. Healthcare Workforce Data Center



Source: Va. Healthcare Workforce Data Center

Weighting is used to estimate the figures in this report. Unless otherwise noted, figures refer to the Virginia Workforce only. For more information on the HWDC’s methodology, visit: <https://www.dhp.virginia.gov/PublicResources/HealthcareWorkforceDataCenter/>

A Closer Look:

Age & Gender						
Age	Male		Female		Total	
	#	% Male	#	% Female	#	% in Age Group
Under 30	168	27%	461	73%	629	18%
30 to 34	199	32%	424	68%	623	18%
35 to 39	139	27%	383	73%	522	15%
40 to 44	103	26%	290	74%	394	11%
45 to 49	79	22%	278	78%	357	10%
50 to 54	82	22%	290	78%	372	11%
55 to 59	55	21%	203	79%	258	7%
60 and Over	69	22%	241	78%	310	9%
Total	895	26%	2,570	74%	3,466	100%

Source: Va. Healthcare Workforce Data Center

Race & Ethnicity					
Race/Ethnicity	Virginia*	PTAs		PTAs Under 40	
	%	#	%	#	%
White	60%	2,764	80%	1,390	78%
Black	19%	278	8%	139	8%
Asian	7%	115	3%	59	3%
Other Race	0%	41	1%	17	1%
Two or More Races	3%	104	3%	66	4%
Hispanic	10%	173	5%	108	6%
Total	100%	3,476	100%	1,778	100%

*Population data in this chart is from the U.S. Census, Annual Estimates of the Resident Population by Sex, Race, and Hispanic Origin for the United States, States, and Counties: July 1, 2021.

Source: Va. Healthcare Workforce Data Center

At a Glance:

Gender

% Female: 74%
 % Under 40 Female: 71%

Age

Median Age: 40
 % Under 40: 51%
 % 55 and Over: 16%

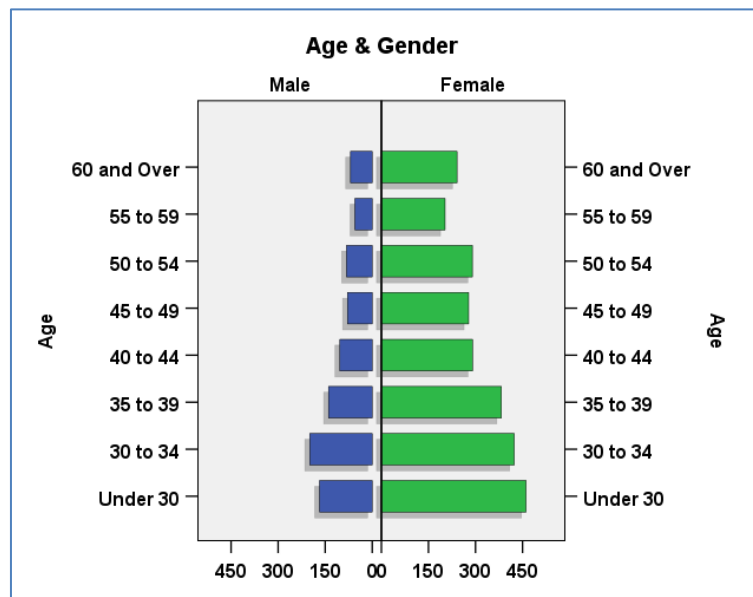
Diversity

Diversity Index: 36%
 Under 40 Div. Index: 38%

Source: Va. Healthcare Workforce Data Center

In a chance encounter between two PTAs, there is a 36% chance that they would be of different races or ethnicities (a measure known as the diversity index). For Virginia's population as a whole, the comparable number is 58%.

Among all PTAs, 51% are under the age of 40, and 71% of PTAs who are under the age of 40 are female. In addition, the diversity index among PTAs who are under the age of 40 is 38%.



Source: Va. Healthcare Workforce Data Center

At a Glance:

Childhood

Urban Childhood: 11%
 Rural Childhood: 43%

Virginia Background

HS in Virginia: 66%
 Professional Edu. in VA: 79%
 HS/Prof. Edu. in VA: 82%

Location Choice

% Rural to Non-Metro: 34%
 % Urban/Suburban to Non-Metro: 6%

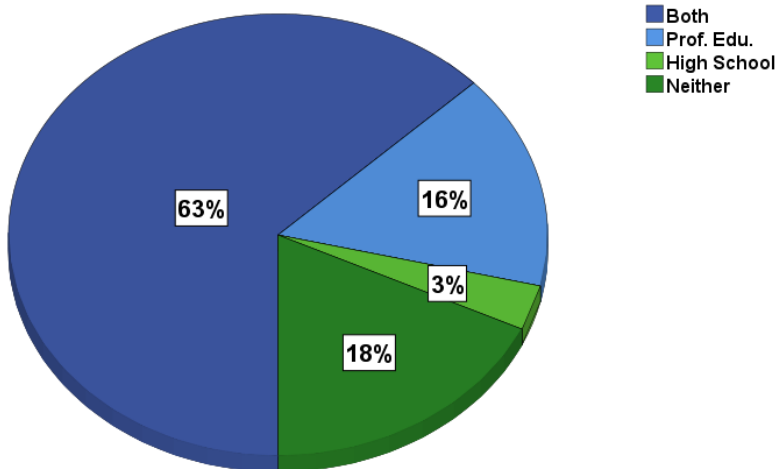
Source: Va. Healthcare Workforce Data Center

A Closer Look:

Primary Location: USDA Rural Urban Continuum		Rural Status of Childhood Location		
Code	Description	Rural	Suburban	Urban
Metro Counties				
1	Metro, 1 Million+	25%	61%	14%
2	Metro, 250,000 to 1 Million	59%	33%	8%
3	Metro, 250,000 or Less	60%	33%	7%
Non-Metro Counties				
4	Urban, Pop. 20,000+, Metro Adjacent	80%	16%	4%
6	Urban, Pop. 2,500-19,999, Metro Adjacent	81%	15%	4%
7	Urban, Pop. 2,500-19,999, Non-Adjacent	92%	5%	3%
8	Rural, Metro Adjacent	67%	25%	8%
9	Rural, Non-Adjacent	73%	25%	2%
Overall		43%	46%	11%

Source: Va. Healthcare Workforce Data Center

Educational Background in Virginia



Source: Va. Healthcare Workforce Data Center

Among all PTAs, 43% grew up in a self-described rural area, and 34% of PTAs who grew up in a rural area currently work in a non-metro county of Virginia. In total, 18% of all PTAs work in a non-metro county of the state.

Top Ten States for Physical Therapist Assistant Recruitment

Rank	All Physical Therapist Assistants			
	High School	#	Professional School	#
1	Virginia	2,294	Virginia	2,659
2	Pennsylvania	128	West Virginia	82
3	Outside U.S./Canada	122	Pennsylvania	78
4	New York	103	North Carolina	68
5	North Carolina	86	New York	57
6	Maryland	82	Florida	50
7	West Virginia	64	Maryland	49
8	Ohio	58	Ohio	46
9	Florida	57	Massachusetts	24
10	New Jersey	40	Texas	21

Source: Va. Healthcare Workforce Data Center

Among all PTAs, 66% received their high school degree in Virginia, while 79% received their initial professional degree in the state.

Rank	Licensed in the Past Five Years			
	High School	#	Professional School	#
1	Virginia	657	Virginia	762
2	Pennsylvania	38	West Virginia	29
3	Maryland	36	North Carolina	25
4	North Carolina	33	Florida	23
5	Florida	26	Pennsylvania	22
6	Outside U.S./Canada	22	Ohio	18
7	Ohio	22	Maryland	17
8	New York	18	California	12
9	California	17	Texas	9
10	West Virginia	16	Michigan	8

Source: Va. Healthcare Workforce Data Center

Among PTAs who have been licensed in the past five years, 64% received their high school degree in Virginia, while 75% received their initial professional degree in the state.

Nearly one out of every ten licensed PTAs did not participate in Virginia's workforce in 2022. Nearly nine out of every ten of these PTAs worked at some point in the past year, including 75% who currently work as PTAs.

At a Glance:

Not in VA Workforce

Total:	340
% of Licensees:	8%
Federal/Military:	8%
VA Border State/DC:	14%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Education

Associate of Applied Science: 81%
 Associate of Science: 16%

Education Debt

Carry Debt: 40%
 Under Age 40 with Debt: 57%
 Median Debt: \$22k-\$24k

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Highest Professional Degree		
Degree	#	%
Certificate	20	1%
Associate of Applied Science	2,806	81%
Associate of Science	554	16%
Baccalaureate	62	2%
Other	22	1%
Total	3,464	100%

Source: Va. Healthcare Workforce Data Center

More than four out of every five PTAs hold an Associate of Applied Science as their highest professional degree, while another 16% hold an Associate of Science degree.

Highest Non-Professional Degree		
Degree	#	%
Certificate	227	7%
Associate of Applied Science	725	24%
Associate of Science	272	9%
Baccalaureate	1,382	45%
Masters	129	4%
Doctorate/Professional	16	1%
Other	316	10%
Total	3,067	100%

Source: Va. Healthcare Workforce Data Center

Two out of every five PTAs currently have education debt, including 57% of those under the age of 40. For those PTAs with education debt, the median debt amount is between \$22,000 and \$24,000.

Education Debt				
Amount Carried	All PTAs		PTAs Under 40	
	#	%	#	%
None	1,869	60%	683	43%
Less than \$4,000	87	3%	59	4%
\$4,000-\$7,999	94	3%	64	4%
\$8,000-\$11,999	144	5%	88	6%
\$12,000-\$15,999	93	3%	75	5%
\$16,000-\$19,999	85	3%	68	4%
\$20,000-\$23,999	137	4%	105	7%
\$24,000-\$27,999	99	3%	72	5%
\$28,000 or More	483	16%	373	24%
Total	3,091	100%	1,587	100%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Top Certifications

Geriatrics:	3%
Women’s Health:	3%
Neuromuscular:	2%

Top Credentials

Exercise Physiology:	3%
Massage Therapy:	3%
Athletic Training:	1%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

APTA Recognition of Advanced Proficiency Certificates		
Proficiency Area	#	% of Workforce
Geriatrics	126	3%
Women's Health	96	3%
Neuromuscular	57	2%
Aquatic	30	1%
Acute Care	29	1%
Education	28	1%
Cardiovascular & Pulmonary	21	1%
Oncology	12	0%
Sports	8	0%
Pediatric	6	0%
At Least One Certification	232	6%

Source: Va. Healthcare Workforce Data Center

Credentials		
Proficiency Area	#	% of Workforce
Exercise Physiology	112	3%
Massage Therapy	105	3%
Athletic Training	54	1%
Kinesiotherapy	46	1%
Nursing	20	1%
Medical Assistant	8	0%
Art/Dance Therapy	6	0%
Orthopedic Technician	2	0%
Orthotic/Prosthetic Fitter	2	0%
Orthotic/Prosthetic Technician	1	0%
Other	289	8%
At Least One Credential	597	16%

Source: Va. Healthcare Workforce Data Center

Among all PTAs, 6% currently hold at least one APTA certificate, and 16% hold at least one credential. Geriatrics is the most common APTA certification, and exercise physiology is the most common credential.

At a Glance:

Employment

Employed in Profession: 94%
 Involuntarily Unemployed: < 1%

Positions Held

1 Full-Time: 66%
 2 or More Positions: 15%

Weekly Hours

40 to 49: 43%
 60 or More: 2%
 Less than 30: 16%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Current Work Status		
Status	#	%
Employed, Capacity Unknown	0	0%
Employed in a Physical Therapy-Related Capacity	3,260	94%
Employed, NOT in a Physical Therapy-Related Capacity	102	3%
Not Working, Reason Unknown	0	0%
Involuntarily Unemployed	9	< 1%
Voluntarily Unemployed	91	3%
Retired	11	< 1%
Total	3,472	100%

Source: Va. Healthcare Workforce Data Center

Among all PTAs, 94% are currently employed in the profession, 66% hold one full-time job, and 43% work between 40 and 49 hours per week.

Current Positions		
Positions	#	%
No Positions	111	3%
One Part-Time Position	563	16%
Two Part-Time Positions	139	4%
One Full-Time Position	2,266	66%
One Full-Time Position & One Part-Time Position	284	8%
Two Full-Time Positions	3	0%
More than Two Positions	77	2%
Total	3,443	100%

Source: Va. Healthcare Workforce Data Center

Current Weekly Hours		
Hours	#	%
0 Hours	111	3%
1 to 9 Hours	75	2%
10 to 19 Hours	180	5%
20 to 29 Hours	295	9%
30 to 39 Hours	1,122	33%
40 to 49 Hours	1,460	43%
50 to 59 Hours	90	3%
60 to 69 Hours	23	1%
70 to 79 Hours	11	0%
80 or More Hours	20	1%
Total	3,387	100%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Annual Income		
Income Level	#	%
Volunteer Work Only	12	0%
Less than \$10,000	84	3%
\$10,000-\$19,999	61	2%
\$20,000-\$29,999	126	4%
\$30,000-\$39,999	219	8%
\$40,000-\$49,999	528	18%
\$50,000-\$59,999	782	27%
\$60,000-\$69,999	582	20%
\$70,000-\$79,999	320	11%
\$80,000-\$89,999	117	4%
\$90,000-\$99,999	19	1%
\$100,000 or More	26	1%
Total	2,875	100%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Earnings
Median Income: \$50k-\$60k

Benefits
Health Insurance: 58%
Retirement: 60%

Satisfaction
Satisfied: 94%
Very Satisfied: 60%

Source: Va. Healthcare Workforce Data Center

Job Satisfaction		
Level	#	%
Very Satisfied	2,035	60%
Somewhat Satisfied	1,149	34%
Somewhat Dissatisfied	148	4%
Very Dissatisfied	45	1%
Total	3,378	100%

Source: Va. Healthcare Workforce Data Center

The typical PTA earns between \$50,000 and \$60,000 per year. In addition, 79% of PTAs receive at least one employer-sponsored benefit, including 58% who have access to health insurance.

Employer-Sponsored Benefits			
Benefit	#	%	% of Wage/Salary Employees
Paid Vacation	2,313	71%	72%
Retirement	1,944	60%	60%
Health Insurance	1,878	58%	58%
Dental Insurance	1,800	55%	55%
Paid Sick Leave	1,519	47%	46%
Group Life Insurance	1,121	34%	35%
Signing/Retention Bonus	187	6%	6%
At Least One Benefit	2,570	79%	79%

*From any employer at time of survey.

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Employment Instability in the Past Year		
In The Past Year, Did You . . . ?	#	%
Experience Involuntary Unemployment?	77	2%
Experience Voluntary Unemployment?	192	5%
Work Part-Time or Temporary Positions, but Would Have Preferred a Full-Time/Permanent Position?	197	5%
Work Two or More Positions at the Same Time?	611	16%
Switch Employers or Practices?	386	10%
Experience at Least One?	1,114	30%

Source: Va. Healthcare Workforce Data Center

Only 2% of Virginia's PTAs experienced involuntary unemployment at some point in 2022. By comparison, Virginia's average monthly unemployment rate was 2.9%.¹

Location Tenure				
Tenure	Primary		Secondary	
	#	%	#	%
Not Currently Working at This Location	87	3%	76	9%
Less than 6 Months	264	8%	153	19%
6 Months to 1 Year	393	12%	118	15%
1 to 2 Years	678	20%	158	20%
3 to 5 Years	747	22%	155	19%
6 to 10 Years	548	16%	79	10%
More than 10 Years	632	19%	71	9%
Subtotal	3,349	100%	810	100%
Did Not Have Location	72		2,914	
Item Missing	333		30	
Total	3,754		3,754	

Source: Va. Healthcare Workforce Data Center

Nearly three-quarters of all PTAs receive an hourly wage at their primary work location, while 19% either receive a salary or work on commission.

At a Glance:

Unemployment Experience

Involuntarily Unemployed: 2%
Underemployed: 5%

Turnover & Tenure

Switched Jobs: 10%
New Location: 28%
Over 2 Years: 58%
Over 2 Yrs., 2nd Location: 38%

Employment Type

Hourly Wage: 73%
Salary/Commission: 19%

Source: Va. Healthcare Workforce Data Center

Nearly three out of every five PTAs have worked at their primary work location for more than two years.

Employment Type		
Primary Work Site	#	%
Salary/Commission	465	19%
Hourly Wage	1,828	73%
By Contract	167	7%
Business/Practice Income	28	1%
Unpaid	5	0%
Subtotal	2,494	100%

Source: Va. Healthcare Workforce Data Center

¹ As reported by the U.S. Bureau of Labor Statistics. The non-seasonally adjusted monthly unemployment rate fluctuated between a low of 2.5% and a high of 3.4%. At the time of publication, the unemployment rate for December 2022 was still preliminary.

At a Glance:

Concentration

Top Region:	26%
Top 3 Regions:	62%
Lowest Region:	2%

Locations

2 or More (Past Year):	25%
2 or More (Now*):	22%

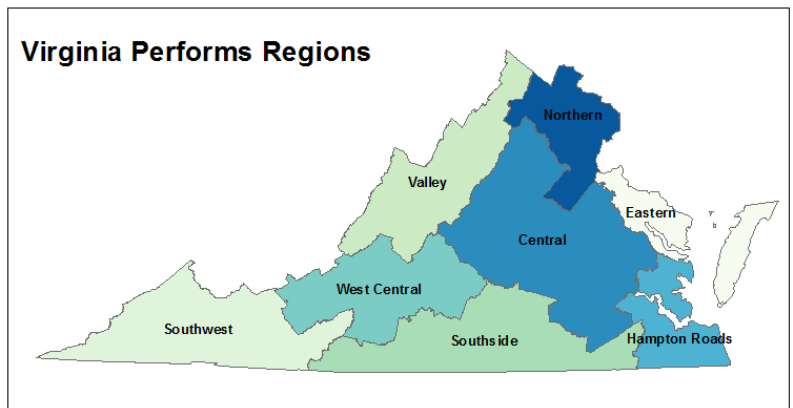
Source: Va. Healthcare Workforce Data Center

More than three out of every five PTAs work in Hampton Roads, Northern Virginia, and Central Virginia.

A Closer Look:

Regional Distribution of Work Locations				
Virginia Performs Region	Primary Location		Secondary Location	
	#	%	#	%
Central	595	18%	139	17%
Eastern	81	2%	20	2%
Hampton Roads	861	26%	167	20%
Northern	629	19%	173	21%
Southside	189	6%	51	6%
Southwest	286	9%	61	7%
Valley	192	6%	48	6%
West Central	482	14%	127	15%
Virginia Border State/D.C.	8	0%	5	1%
Other U.S. State	15	0%	32	4%
Outside of the U.S.	3	0%	0	0%
Total	3,341	100%	823	100%
Item Missing	342		17	

Source: Va. Healthcare Workforce Data Center



Source: Va. Healthcare Workforce Data Center

Among all PTAs, 22% currently have multiple work locations, while 25% have had multiple work locations over the past year.

Number of Work Locations				
Locations	Work Locations in 2022		Work Locations Now*	
	#	%	#	%
0	49	1%	109	3%
1	2,499	74%	2,531	75%
2	486	14%	452	13%
3	270	8%	239	7%
4	38	1%	26	1%
5	11	0%	8	0%
6 or More	31	1%	19	1%
Total	3,384	100%	3,384	100%

*At the time of survey completion, December 2022.

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Sector	Location Sector			
	Primary Location		Secondary Location	
	#	%	#	%
For-Profit	2,304	71%	621	80%
Non-Profit	738	23%	102	13%
State/Local Government	99	3%	37	5%
Veterans Administration	18	1%	0	0%
U.S. Military	54	2%	11	1%
Other Federal Gov't	12	0%	1	0%
Total	3,225	100%	772	100%
Did Not Have Location	72		2,914	
Item Missing	458		67	

Source: Va. Healthcare Workforce Data Center

At a Glance: (Primary Locations)

Sector

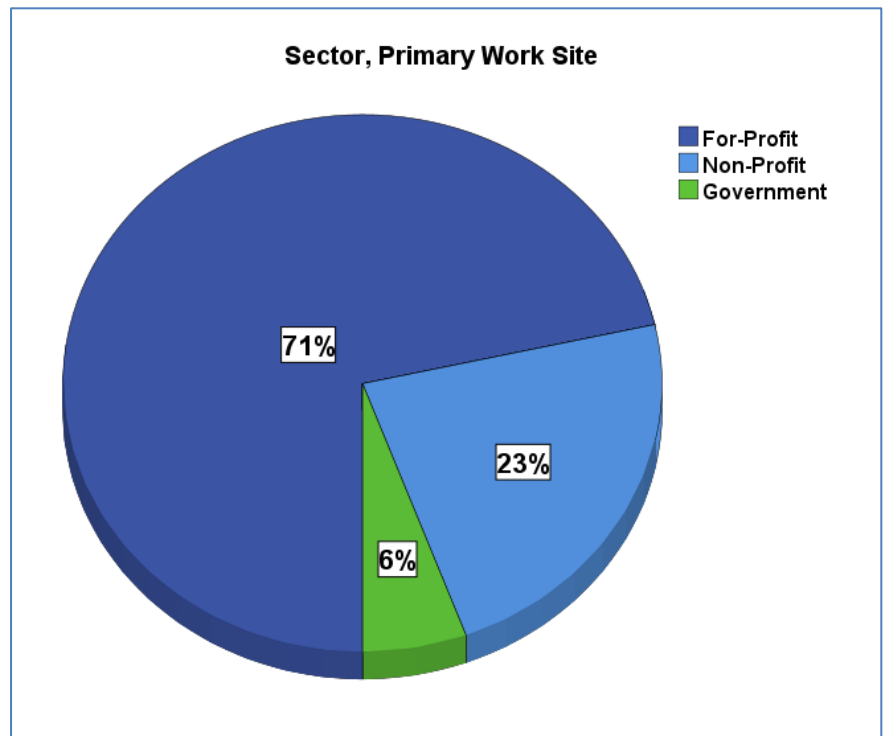
For-Profit:	71%
Federal:	3%

Top Establishments

Home Health Care:	23%
Outpatient Rehab.:	20%
Skilled Nursing Facility:	17%

Source: Va. Healthcare Workforce Data Center

Among all PTAs, 71% work in the for-profit sector, while another 23% work in the non-profit sector.



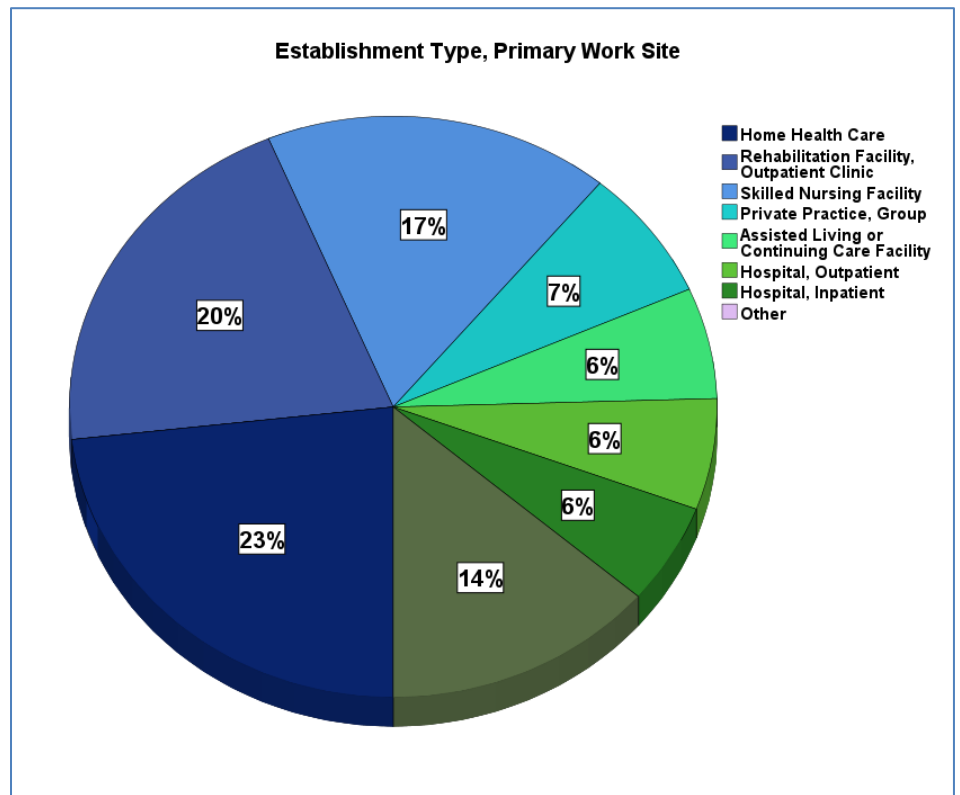
Source: Va. Healthcare Workforce Data Center

Establishment Type	Location Type			
	Primary Location		Secondary Location	
	#	%	#	%
Home Health Care	740	23%	195	25%
Rehabilitation Facility, Outpatient Clinic	653	20%	105	14%
Skilled Nursing Facility	552	17%	177	23%
Private Practice, Group	234	7%	40	5%
Assisted Living or Continuing Care Facility	197	6%	58	8%
General Hospital, Outpatient Department	197	6%	22	3%
General Hospital, Inpatient Department	179	6%	48	6%
Rehabilitation Facility, Residential/Inpatient	135	4%	47	6%
Private Practice, Solo	106	3%	16	2%
K-12 School System	34	1%	3	0%
Academic Institution	20	1%	14	2%
Physician Office	16	1%	0	0%
Other	125	4%	43	6%
Total	3,188	100%	768	100%
Did Not Have a Location	72		2,914	

Source: Va. Healthcare Workforce Data Center

Nearly one-quarter of all PTAs work in a home health care establishment. Another 20% work in the outpatient clinic of a rehabilitation facility.

Among PTAs who also have a secondary work location, 25% work in a home health care establishment, while 23% work in a skilled nursing facility.



Source: Va. Healthcare Workforce Data Center

At a Glance: (Primary Locations)

Languages Offered

Spanish:	25%
Chinese:	8%
French:	8%

Means of Communication

Virtual Translation:	50%
Other Staff Members:	35%
Onsite Translation:	24%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Languages Offered		
Language	#	% of Workforce
Spanish	941	25%
Chinese	312	8%
French	309	8%
Korean	301	8%
Tagalog/Filipino	300	8%
Arabic	285	8%
Vietnamese	276	7%
Hindi	272	7%
Persian	216	6%
Urdu	201	5%
Amharic, Somali, or Other Afro-Asiatic Languages	170	5%
Pashto	170	5%
Others	193	5%
At Least One Language	1,120	30%

Source: Va. Healthcare Workforce Data Center

One-quarter of all PTAs are employed at a primary work location that offers Spanish language services for patients.

Means of Language Communication

Provision	#	% of Workforce with Language Services
Virtual Translation Services	559	50%
Other Staff Member is Proficient	388	35%
Onsite Translation Service	269	24%
Respondent is Proficient	203	18%
Other	54	5%

Source: Va. Healthcare Workforce Data Center

One-half of all PTAs who are employed at a primary work location that offers language services for patients provide it through a virtual translation service.

At a Glance: (Primary Locations)

A Typical PTA's Time

Patient Care: 90%-99%
Administration: 1%-9%

Roles

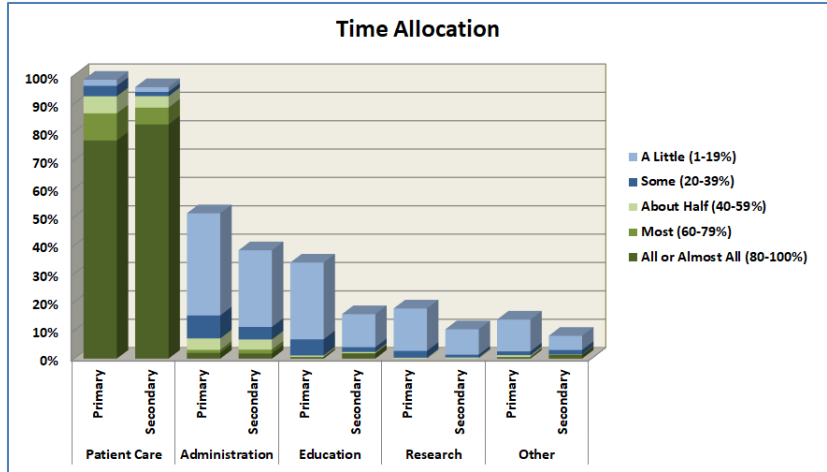
Patient Care: 86%
Administration: 3%
Education: 1%

Patient Care PTAs

Median Admin. Time: 0%
Avg. Admin. Time: 1%-9%

Source: Va. Healthcare Workforce Data Center

A Closer Look:



Source: Va. Healthcare Workforce Data Center

PTAs typically spend most of their time in patient care activities. In fact, 86% of all PTAs fill a patient care role, defined as spending at least 60% of their time in that activity.

Time Allocation										
Time Spent	Patient Care		Admin.		Education		Research		Other	
	Pri. Site	Sec. Site	Pri. Site	Sec. Site	Pri. Site	Sec. Site	Pri. Site	Sec. Site	Pri. Site	Sec. Site
All or Almost All (80-100%)	77%	83%	2%	2%	1%	2%	0%	0%	0%	1%
Most (60-79%)	10%	6%	1%	1%	0%	0%	0%	0%	0%	0%
About Half (40-59%)	6%	4%	4%	4%	1%	0%	0%	0%	1%	0%
Some (20-39%)	4%	2%	8%	4%	6%	2%	2%	1%	1%	2%
A Little (1-19%)	2%	2%	36%	27%	27%	12%	15%	9%	11%	5%
None (0%)	2%	4%	49%	62%	66%	84%	82%	90%	86%	92%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Retirement Expectations				
Expected Retirement Age	All PTAs		PTAs Over 50	
	#	%	#	%
Under Age 50	226	8%	-	-
50 to 54	165	6%	5	1%
55 to 59	370	12%	72	9%
60 to 64	798	27%	215	27%
65 to 69	961	32%	350	43%
70 to 74	227	8%	111	14%
75 to 79	40	1%	12	1%
80 or Over	24	1%	10	1%
I Do Not Intend to Retire	152	5%	33	4%
Total	2,965	100%	808	100%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Retirement Expectations

All PTAs

Under 65: 53%
Under 60: 26%

PTAs 50 and Over

Under 65: 36%
Under 60: 10%

Time Until Retirement

Within 2 Years: 3%
Within 10 Years: 15%
Half the Workforce: By 2047

Source: Va. Healthcare Workforce Data Center

More than half of all PTAs expect to retire before the age of 65. Among PTAs who are age 50 and over, 36% still expect to retire by the age of 65.

Within the next two years, 22% of all PTAs expect to pursue additional educational opportunities, and 11% expect to increase their patient care hours.

Future Plans

Two-Year Plans:	#	%
Decrease Participation		
Leave Profession	109	3%
Leave Virginia	125	3%
Decrease Patient Care Hours	330	9%
Decrease Teaching Hours	6	0%
Increase Participation		
Increase Patient Care Hours	402	11%
Increase Teaching Hours	317	8%
Pursue Additional Education	821	22%
Return to the Workforce	35	1%

Source: Va. Healthcare Workforce Data Center

By comparing retirement expectation to age, we can estimate the maximum years to retirement for PTAs. Only 3% of PTAs expect to retire within the next two years, while 15% expect to retire in the next ten years. Half of the current PTA workforce expect to retire by 2047.

Time to Retirement			
Expect to Retire Within . . .	#	%	Cumulative %
2 Years	92	3%	3%
5 Years	89	3%	6%
10 Years	275	9%	15%
15 Years	340	11%	27%
20 Years	384	13%	40%
25 Years	439	15%	55%
30 Years	353	12%	67%
35 Years	366	12%	79%
40 Years	292	10%	89%
45 Years	147	5%	94%
50 Years	31	1%	95%
55 Years	1	0%	95%
In More than 55 Years	5	0%	95%
Do Not Intend to Retire	152	5%	100%
Total	2,965	100%	

Source: Va. Healthcare Workforce Data Center



Source: Va. Healthcare Workforce Data Center

Using these estimates, retirement will begin to reach 10% of the current workforce every five years by 2037. Retirement will peak at 15% of the current workforce around 2047 before declining to under 10% of the current workforce again around 2067.

At a Glance:

FTEs

Total: 3,049
 FTEs/1,000 Residents²: 0.35
 Average: 0.83

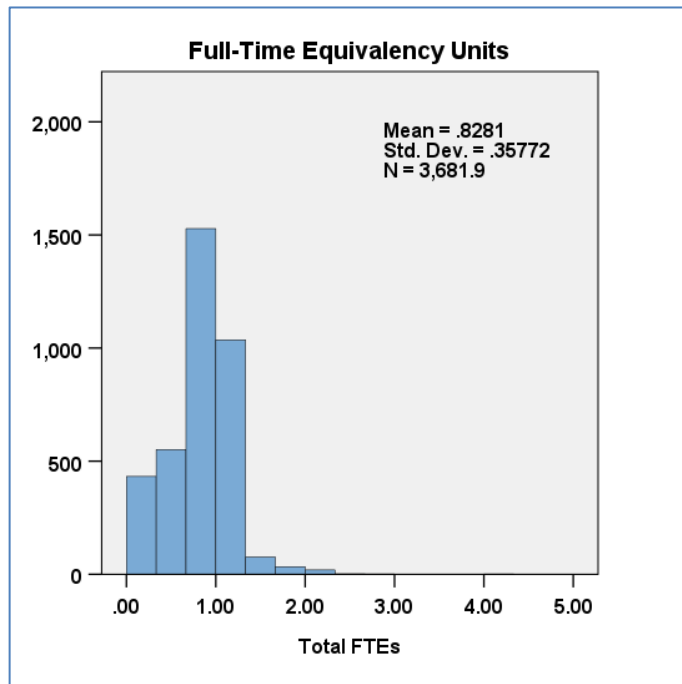
Age & Gender Effect

Age, *Partial Eta*²: Small
 Gender, *Partial Eta*²: Small

*Partial Eta*² Explained:
*Partial Eta*² is a statistical
 measure of effect size.

Source: Va. Healthcare Workforce Data Center

A Closer Look:

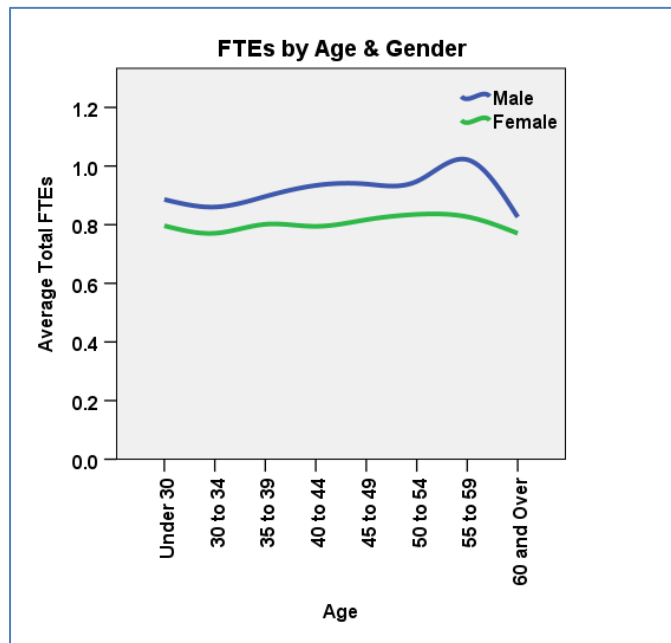


Source: Va. Healthcare Workforce Data Center

The typical PTA provided 0.93 FTEs in 2022, or approximately 37 hours per week for 50 weeks. Statistical tests verified that FTEs vary by both age and gender.

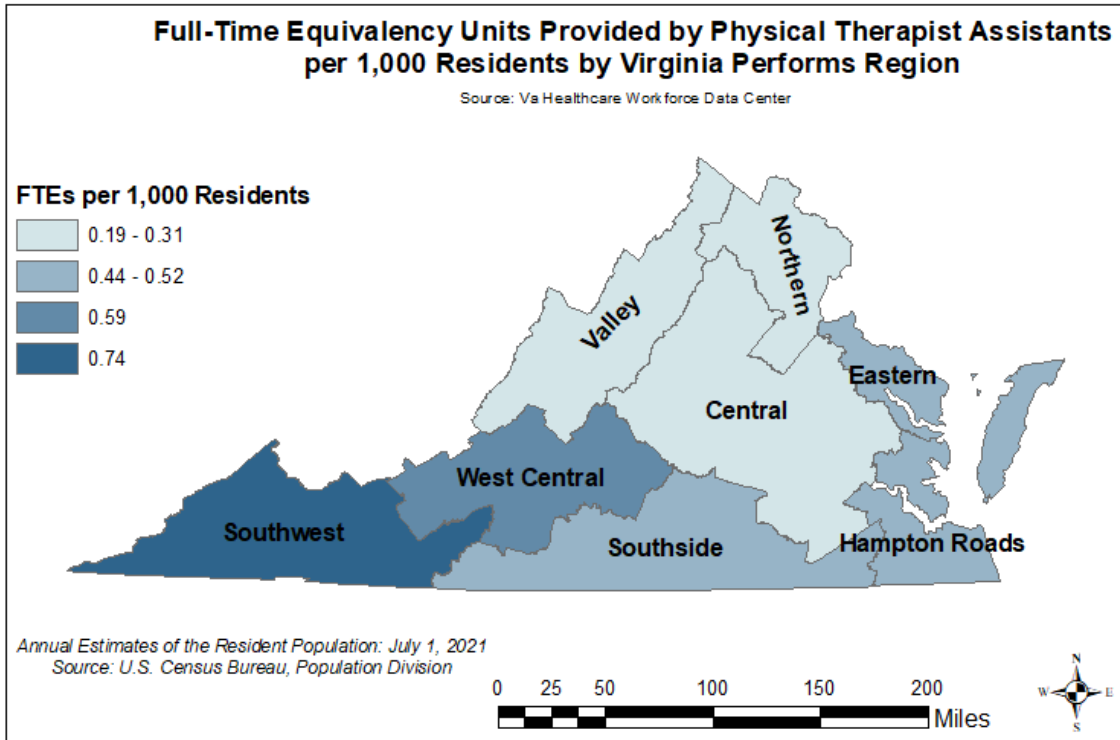
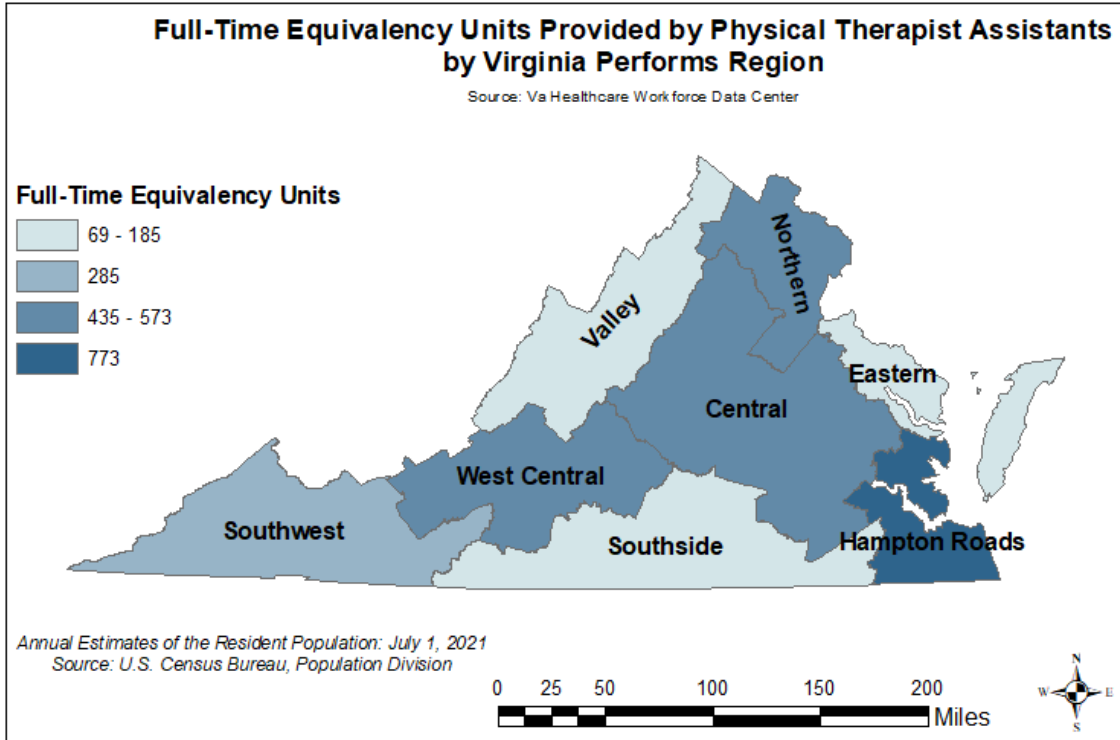
Full-Time Equivalency Units		
Age	Average	Median
Age		
Under 30	0.82	0.92
30 to 34	0.80	0.89
35 to 39	0.83	0.89
40 to 44	0.83	0.89
45 to 49	0.85	0.96
50 to 54	0.87	0.96
55 to 59	0.82	0.87
60 and Over	0.81	0.94
Gender		
Male	0.90	0.96
Female	0.80	0.89

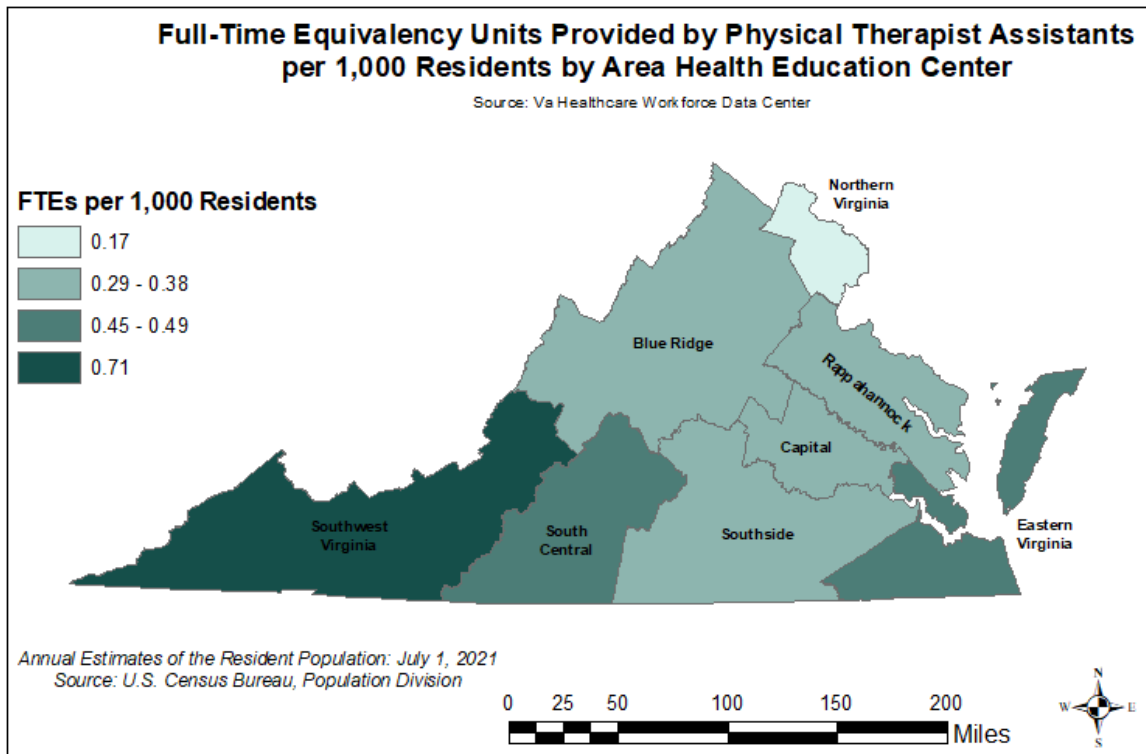
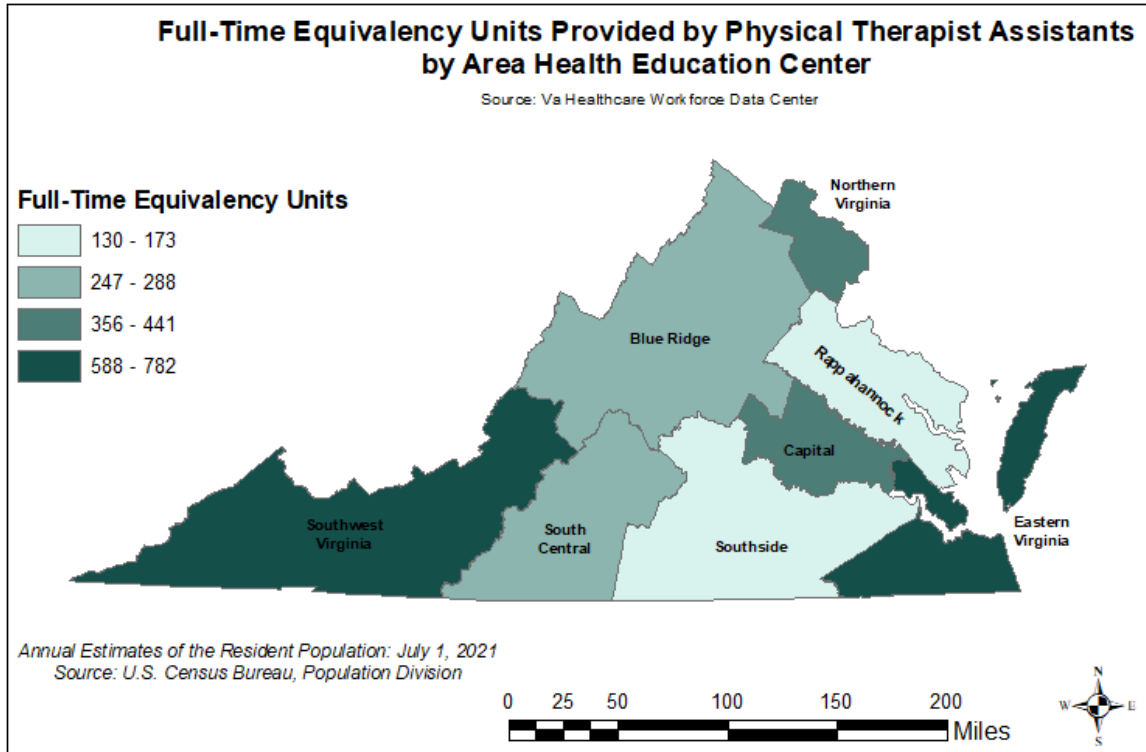
Source: Va. Healthcare Workforce Data Center

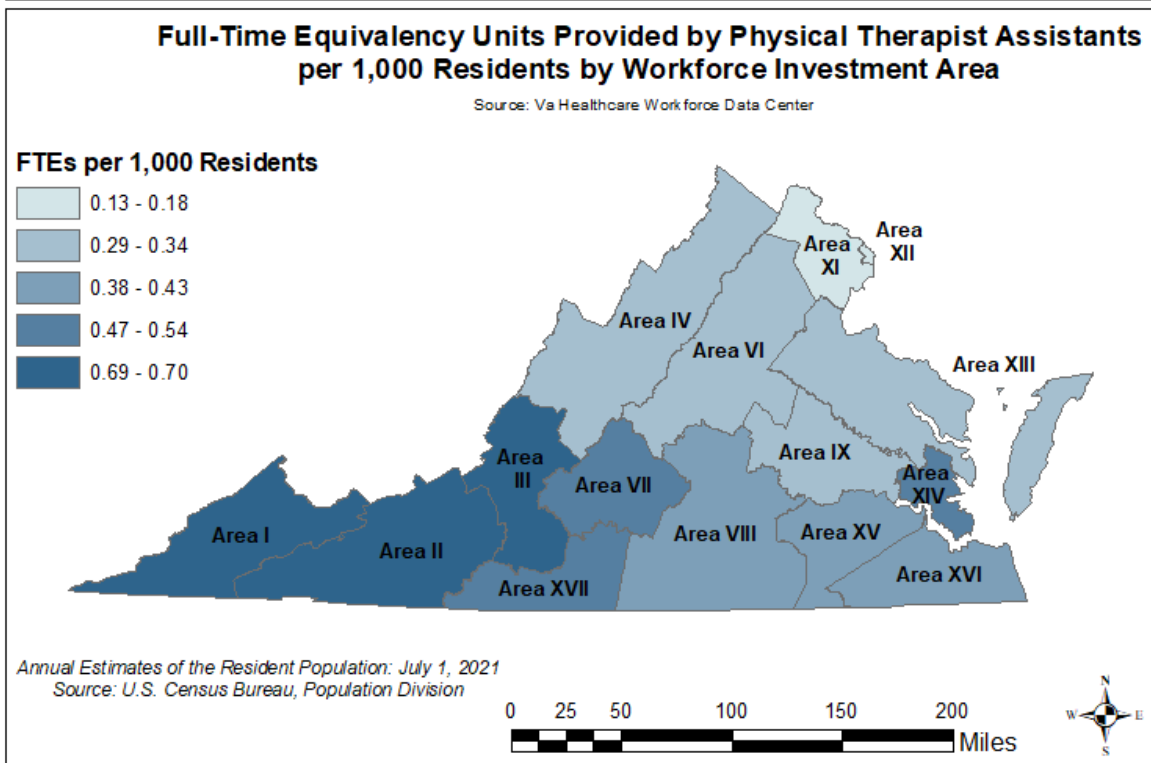
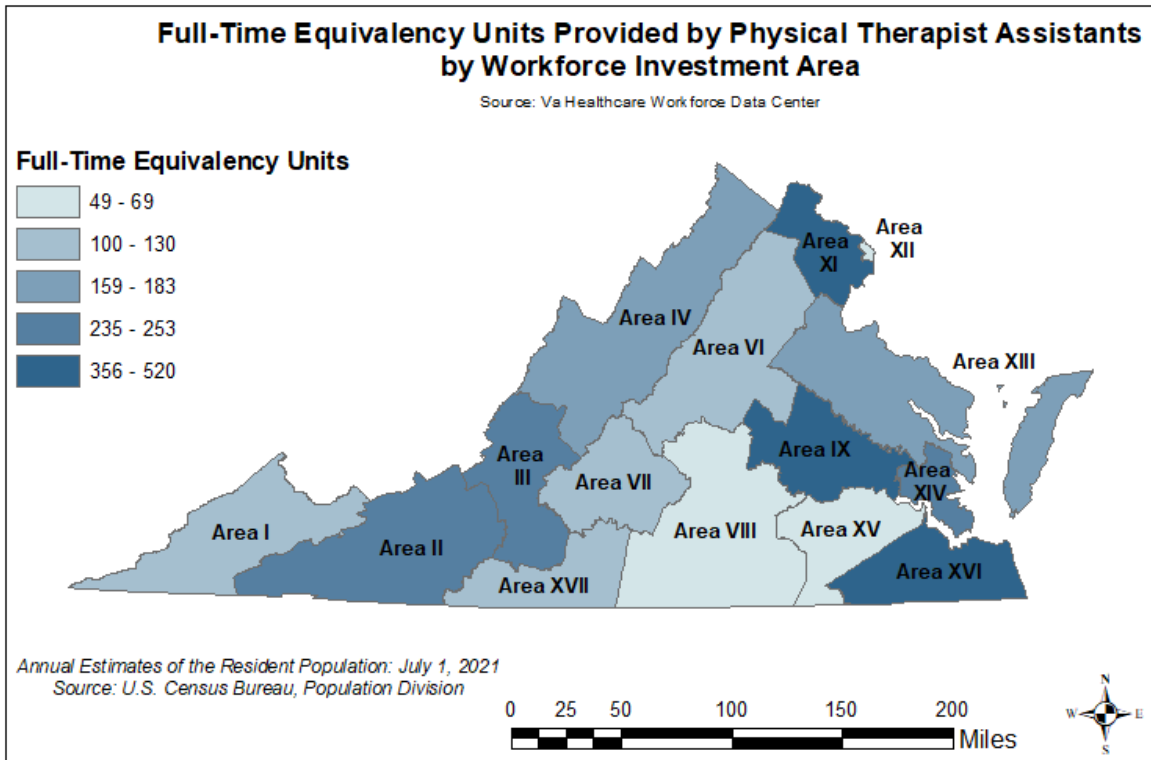


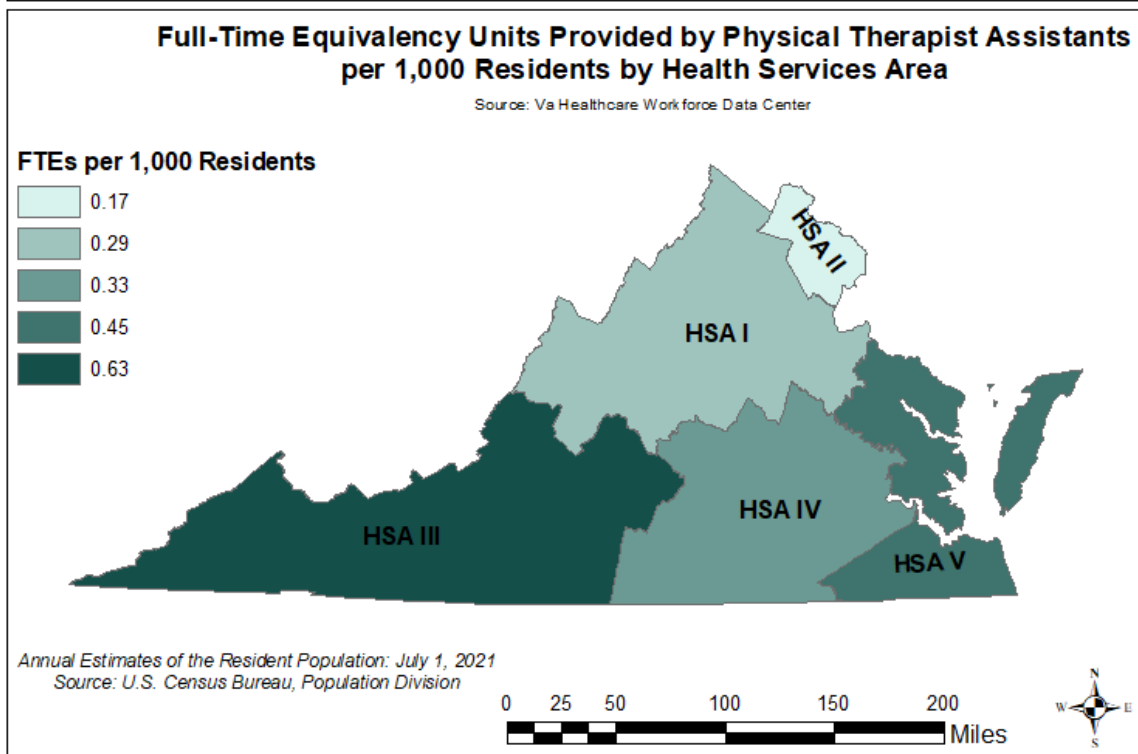
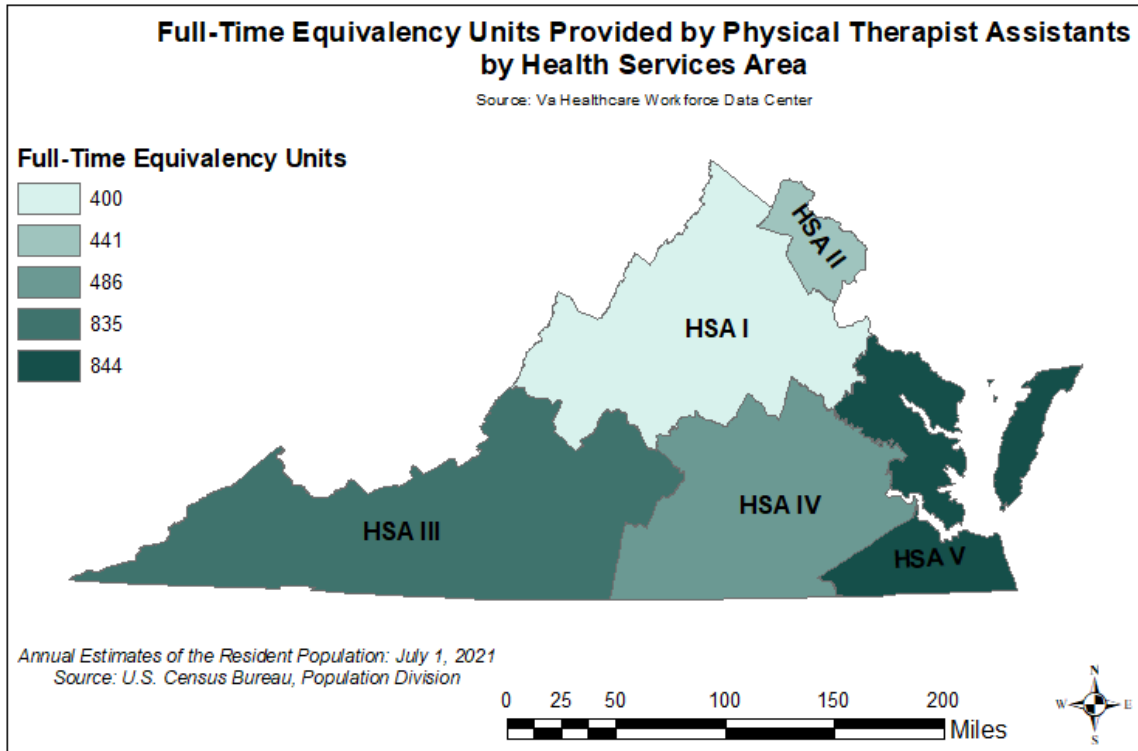
Source: Va. Healthcare Workforce Data Center

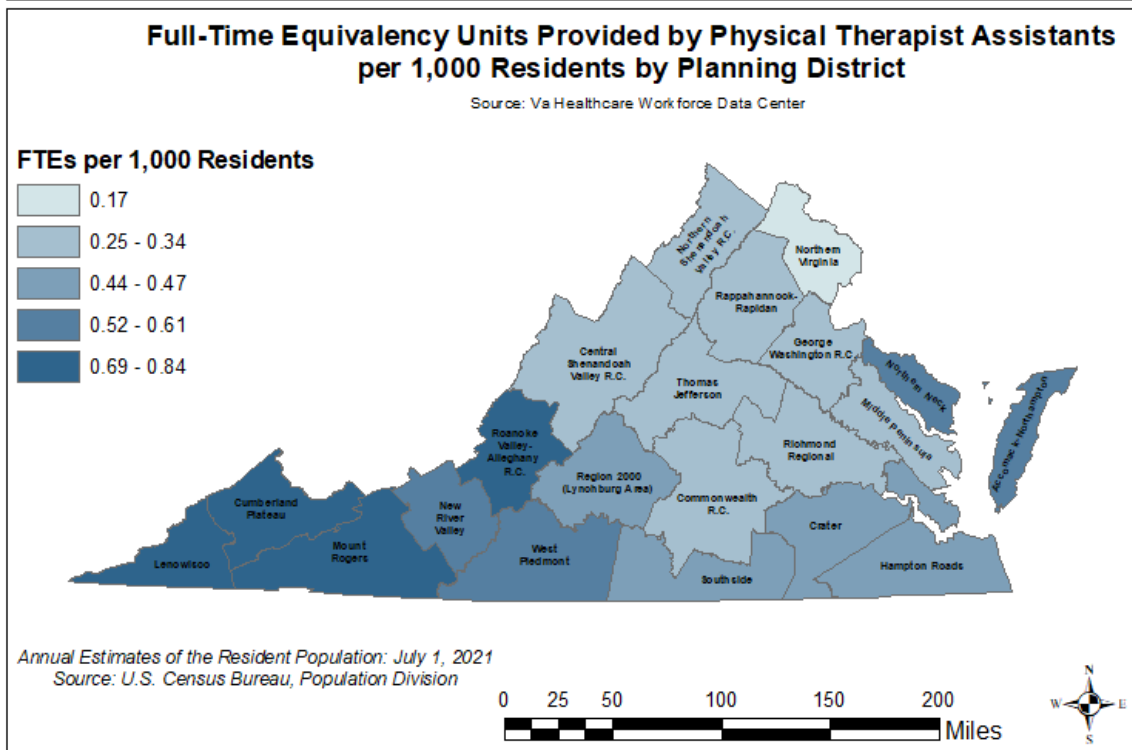
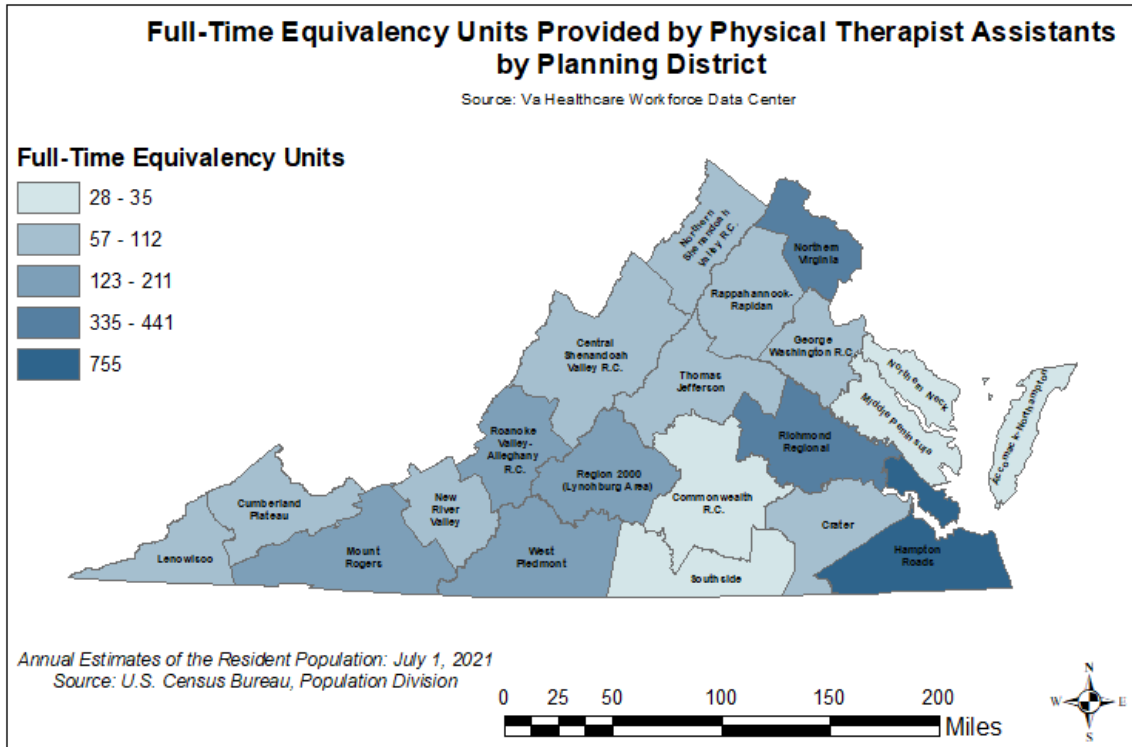
² Number of residents in 2021 was used as the denominator.











Appendices

Appendix A: Weights

Rural Status	Location Weight			Total Weight	
	#	Rate	Weight	Min.	Max.
Metro, 1 Million+	2,121	84.16%	1.188	1.085	1.368
Metro, 250,000 to 1 Million	498	88.76%	1.127	1.029	1.297
Metro, 250,000 or Less	270	84.07%	1.189	1.086	1.369
Urban, Pop. 20,000+, Metro Adj.	94	86.17%	1.160	1.060	1.336
Urban, Pop. 20,000+, Non-Adj.	0	NA	NA	NA	NA
Urban, Pop. 2,500-19,999, Metro Adj.	202	85.64%	1.168	1.066	1.344
Urban, Pop. 2,500-19,999, Non-Adj.	168	87.50%	1.143	1.044	1.316
Rural, Metro Adj.	107	85.98%	1.163	1.062	1.339
Rural, Non-Adj.	54	85.19%	1.174	1.072	1.352
Virginia Border State/D.C.	293	68.26%	1.465	1.338	1.687
Other U.S. State	288	64.93%	1.540	1.407	1.773

Source: Va. Healthcare Workforce Data Center

Age	Age Weight			Total Weight	
	#	Rate	Weight	Min.	Max.
Under 30	681	74.16%	1.349	1.254	1.714
30 to 34	713	80.93%	1.236	1.149	1.571
35 to 39	596	84.40%	1.185	1.102	1.506
40 to 44	472	88.98%	1.124	1.045	1.429
45 to 49	428	88.79%	1.126	1.047	1.432
50 to 54	457	90.37%	1.107	1.029	1.407
55 to 59	317	86.12%	1.161	1.080	1.476
60 and Over	431	71.69%	1.395	1.297	1.773

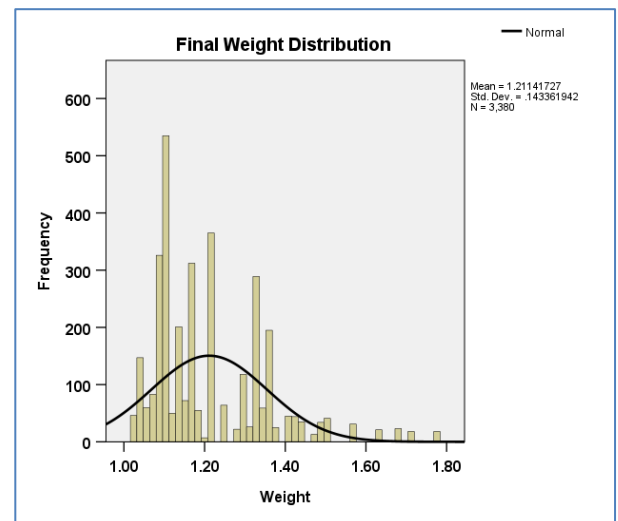
Source: Va. Healthcare Workforce Data Center

See the Methods section on the HWDC website for details on HWDC methods: <https://www.dhp.virginia.gov/PublicResources/HealthcareWorkforceDataCenter/>

Final weights are calculated by multiplying the two weights and the overall response rate:

$$\text{Age Weight} \times \text{Rural Weight} \times \text{Response Rate} = \text{Final Weight.}$$

Overall Response Rate: 0.825397



Source: Va. Healthcare Workforce Data Center