
Virginia's Physical Therapist Assistant Workforce: 2020

Healthcare Workforce Data Center

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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 your ongoing cooperation.

Thank You!

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The Physical Therapist Assistant Workforce At a Glance:

The Workforce

Licensees:	3,979
Virginia's Workforce:	3,584
FTEs:	2,728

Background

Rural Childhood:	43%
HS Degree in VA:	65%
Prof. Degree in VA:	77%

Current Employment

Employed in Prof.:	91%
Hold 1 Full-Time Job:	66%
Satisfied?:	91%

Survey Response Rate

All Licensees:	83%
Renewing Practitioners:	97%

Education

Associate:	97%
Baccalaureate:	1%

Job Turnover

Switched Jobs:	6%
Employed Over 2 Yrs.:	60%

Demographics

% Female:	76%
Diversity Index:	34%
Median Age:	40

Finances

Median Income:	\$50k-\$60k
Health Insurance:	60%
Under 40 w/ Ed. Debt:	56%

Primary Roles

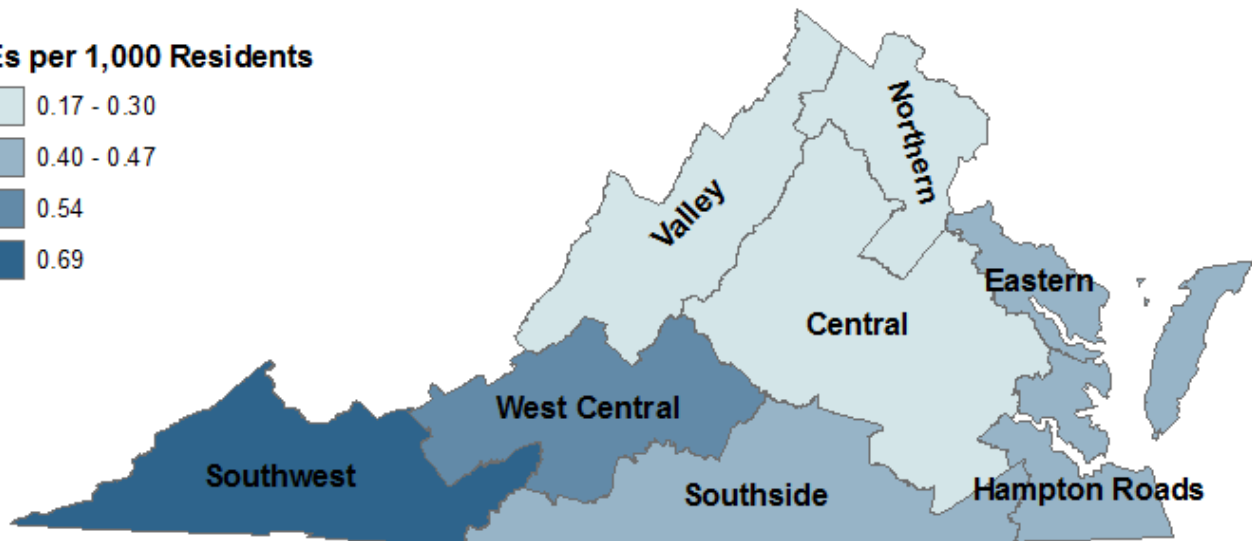
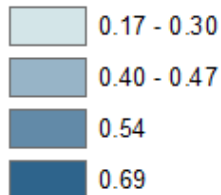
Patient Care:	86%
Administration:	3%
Other:	1%

Source: Va. Healthcare Workforce Data Center

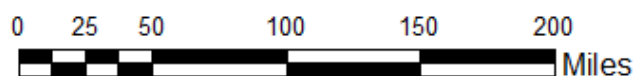
Full-Time Equivalency Units Provided by Physical Therapist Assistants per 1,000 Residents by Virginia Performs Region

Source: Va Healthcare Workforce Data Center

FTEs per 1,000 Residents



Annual Estimates of the Resident Population: July 1, 2019
Source: U.S. Census Bureau, Population Division



More than 3,300 physical therapist assistants (PTAs) took part in the 2020 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 every December on even-numbered years for PTAs. These respondents represent 83% of the 3,979 PTAs licensed in the state and 97% of renewing practitioners.

The HWDC estimates that 3,584 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 2,728 "full-time equivalency units" during the survey time period, which the HWDC defines simply as working 2,000 hours per year.

More than three-quarters of all PTAs are female, although this percentage falls to 73% for those PTAs who are under the age of 40. In a random encounter between two PTAs, there is a 34% chance that they would be of different races or ethnicities, a measure known as the diversity index. Among those PTAs who are under the age of 40, this diversity index increases to 37%. Both of these values are well below the comparable diversity index of 57% for Virginia's population as a whole. Among all PTAs, 43% grew up in rural areas, and 34% of this group of professionals currently work in non-metro areas of the state. In total, 18% of all PTAs work in non-metro areas of Virginia.

More than 90% of all PTAs are currently employed in the profession, two-thirds hold one full-time job, and 38% work between 40 and 49 hours per week. Meanwhile, 17% of all PTAs have experienced involuntary unemployment at some point in the past year, and 9% have experienced underemployment. More than 90% of all PTAs work in the private sector, including 72% who are employed in for-profit establishments. The median annual income for Virginia's PTA workforce is between \$50,000 and \$60,000. In addition, more than four out of every five PTAs receive at least one employer-sponsored benefit, including 60% who have access to health insurance. More than 90% of all PTAs indicated that they are satisfied with their current work situation, including 58% 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 50% (3,979 vs. 2,653). In addition, the size of Virginia's PTA workforce has increased by 51% (3,584 vs. 2,377), and the number of FTEs provided by this workforce has grown by 33% (2,728 vs. 2,046). Virginia renewing PTAs are more likely to respond to this survey (97% vs. 87%).

Although still a majority of all PTAs in the state, the percentage of PTAs who are female has declined (76% vs. 79%), and this decline is even greater among those PTAs who are under the age of 40 (73% vs. 80%). At the same time, the diversity index of this workforce has increased (34% vs. 28%) at a time when the state's overall population is also becoming more diverse (57% vs. 54%). Virginia's PTAs are less likely to have grown up in rural areas (43% vs. 46%), and this group of professionals is less likely to work in non-metro areas of the state (34% vs. 37%). In total, the percentage of all PTAs who work in non-metro areas 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 (82% vs. 78%) instead of an Associate of Science (15% vs. 19%). At the same time, PTAs are more likely to carry education debt (38% vs. 32%), and this is also the case among those PTAs who are under the age of 40 (56% vs. 49%). The median debt amount among those PTAs with education debt has doubled (\$22k-\$24k vs. \$10k-\$12k).

PTAs are less likely to be currently employed in the profession (91% vs. 95%), hold one full-time job (66% vs. 68%), or work between 40 and 49 hours per week (38% vs. 52%). Meanwhile, the one-year rates of involuntary unemployment (17% vs. 2%) and underemployment (9% vs. 4%) have both increased substantially. This increased employment instability is most likely due to the negative economic effects of the coronavirus pandemic. The percentage of PTAs who indicated that they are satisfied with their current work situation has fallen (91% vs. 97%), and this decline is even larger among those who indicated that they are "very satisfied" (58% vs. 72%).

A Closer Look:

Licensees		
License Status	#	%
Renewing Practitioners	3,323	84%
New Licensees	280	7%
Non-Renewals	376	9%
All Licensees	3,979	100%

Source: Va. Healthcare Workforce Data Center

HWDC surveys tend to achieve very high response rates. Nearly all renewing PTAs submitted a survey. These represent 83% of all PTAs who held a license at some point in 2020.

Definitions

- The Survey Period:** The survey was conducted in December 2020.
- Target Population:** All PTAs who held a Virginia license at some point in 2020.
- 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 2020.

Response Rates			
Statistic	Non Respondents	Respondents	Response Rate
By Age			
Under 30	229	491	68%
30 to 34	105	580	85%
35 to 39	72	481	87%
40 to 44	53	391	88%
45 to 49	49	406	89%
50 to 54	50	366	88%
55 to 59	34	299	90%
60 and Over	86	287	77%
Total	678	3,301	83%
New Licensees			
Issued in 2020	236	44	16%
Metro Status			
Non-Metro	78	530	87%
Metro	405	2,355	85%
Not in Virginia	195	416	68%

Source: Va. Healthcare Workforce Data Center

Response Rates	
Completed Surveys	3,301
Response Rate, All Licensees	83%
Response Rate, Renewals	97%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Licensed PTAs

Number: 3,979
 New: 7%
 Not Renewed: 9%

Response Rates

All Licensees: 83%
 Renewing Practitioners: 97%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Workforce

2020 PTA Workforce: 3,584
 FTEs: 2,728

Utilization Ratios

Licensees in VA Workforce: 90%
 Licensees per FTE: 1.46
 Workers per FTE: 1.31

Source: Va. Healthcare Workforce Data Center

Definitions

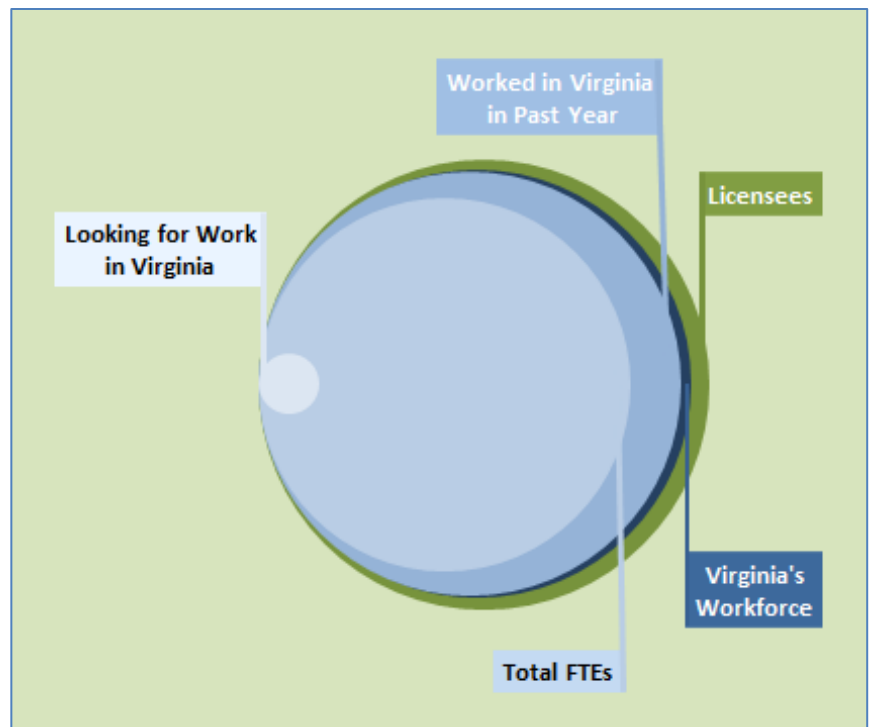
- 1. Virginia's Workforce:** A licensee with a primary or secondary work site in Virginia at any time in the past year or who indicated intent to return to Virginia's workforce at any point in the future.
- 2. Full-Time Equivalency Unit (FTE):** The HWDC uses 2,000 (40 hours for 50 weeks) as its baseline 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	3,513	98%
Looking for Work in Virginia	72	2%
Virginia's Workforce	3,584	100%
Total FTEs	2,728	
Licensees	3,979	

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/>



Source: Va. Healthcare Workforce Data Center

A Closer Look:

Age & Gender						
Age	Male		Female		Total	
	#	% Male	#	% Female	#	% in Age Group
Under 30	152	24%	489	76%	642	19%
30 to 34	173	30%	404	70%	577	17%
35 to 39	123	27%	340	74%	463	14%
40 to 44	90	24%	290	76%	380	11%
45 to 49	87	24%	282	77%	369	11%
50 to 54	72	21%	266	79%	338	10%
55 to 59	44	17%	223	84%	267	8%
60 and Over	65	24%	206	76%	271	8%
Total	807	24%	2,499	76%	3,307	100%

Source: Va. Healthcare Workforce Data Center

Race & Ethnicity					
Race/ Ethnicity	Virginia*	PTAs		PTAs Under 40	
	%	#	%	#	%
White	61%	2,673	81%	1,328	79%
Black	19%	264	8%	149	9%
Hispanic	10%	150	5%	85	5%
Asian	7%	101	3%	50	3%
Two or More Races	3%	100	3%	66	4%
Other Race	0%	28	1%	13	1%
Total	100%	3,315	100%	1,690	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, 2019.

Source: Va. Healthcare Workforce Data Center

More than half of all PTAs are under the age of 40, and 73% of these professionals are female. In addition, the diversity index among this group of PTAs is 37%.

At a Glance:

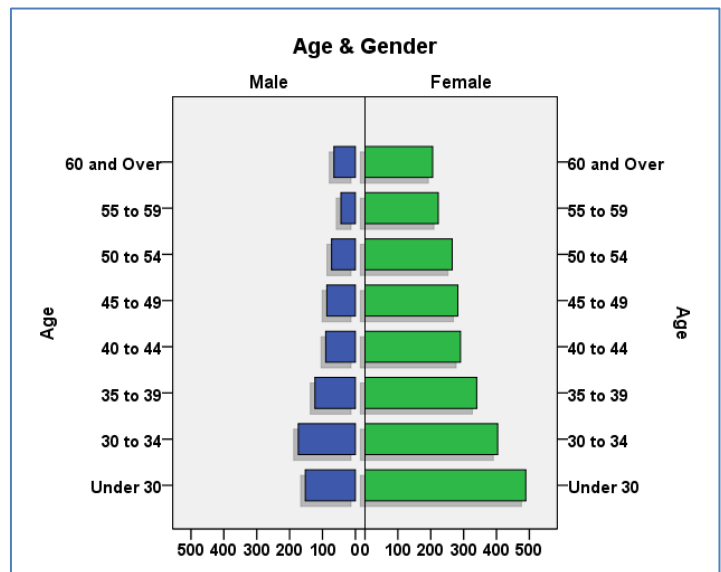
Gender
 % Female: 76%
 % Under 40 Female: 73%

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

Diversity
 Diversity Index: 34%
 Under 40 Div. Index: 37%

Source: Va. Healthcare Workforce Data Center

In a chance encounter between two PTAs, there is a 34% 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 57%.



Source: Va. Healthcare Workforce Data Center

At a Glance:

Childhood

Urban Childhood: 10%
 Rural Childhood: 43%

Virginia Background

HS in Virginia: 65%
 Professional Edu. in VA: 77%
 HS/Prof. Edu. in VA: 80%

Location Choice

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

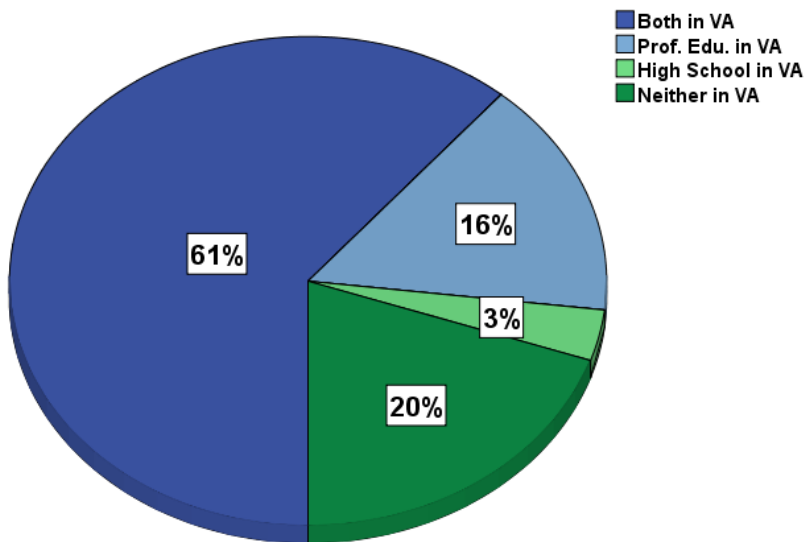
Source: Va. Healthcare Workforce Data Center

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+	26%	62%	12%
2	Metro, 250,000 to 1 Million	58%	34%	8%
3	Metro, 250,000 or Less	57%	36%	7%
Non-Metro Counties				
4	Urban, Pop. 20,000+, Metro Adjacent	79%	13%	8%
6	Urban, Pop. 2,500-19,999, Metro Adjacent	79%	20%	2%
7	Urban, Pop. 2,500-19,999, Non-Adjacent	92%	3%	5%
8	Rural, Metro Adjacent	62%	32%	6%
9	Rural, Non-Adjacent	73%	23%	3%
Overall		43%	47%	10%

Source: Va. Healthcare Workforce Data Center

Educational Background in Virginia



Source: Va. Healthcare Workforce Data Center

More than 40% of PTAs grew up in self-described rural areas, and 34% of these professionals currently work in non-metro counties of Virginia. In total, 18% of all PTAs work in non-metro counties of the state.

Top Ten States for Physical Therapist Assistant Recruitment

Rank	All Physical Therapist Assistants			
	High School	#	Professional School	#
1	Virginia	2,141	Virginia	2,480
2	Pennsylvania	130	West Virginia	94
3	Outside U.S./Canada	123	North Carolina	68
4	New York	106	Pennsylvania	68
5	West Virginia	85	New York	61
6	North Carolina	79	Ohio	54
7	Maryland	62	Florida	52
8	Ohio	61	Maryland	44
9	Florida	50	Tennessee	27
10	New Jersey	43	Kentucky	25

Source: Va. Healthcare Workforce Data Center

Nearly two-thirds of PTAs received their high school degree in Virginia, while 77% received their initial professional degree in the state.

Among PTAs who have been licensed in the past five years, 64% received their high school degree in Virginia, while 74% received their initial professional degree in the state.

Rank	Licensed in the Past Five Years			
	High School	#	Professional School	#
1	Virginia	701	Virginia	798
2	Outside U.S./Canada	39	West Virginia	47
3	West Virginia	35	Ohio	26
4	Pennsylvania	33	North Carolina	23
5	Maryland	27	Florida	23
6	North Carolina	27	Maryland	21
7	Ohio	26	Pennsylvania	18
8	New York	24	New York	13
9	Florida	21	South Carolina	13
10	Michigan	15	Tennessee	8

Source: Va. Healthcare Workforce Data Center

One out of every ten licensed PTAs did not participate in Virginia's workforce in 2020. However, 84% of these PTAs worked at some point in the past year, including 70% who currently work as PTAs.

At a Glance:

Not in VA Workforce

Total:	394
% of Licensees:	10%
Federal/Military:	5%
VA Border State/DC:	15%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Education

Associate of Applied Science: 82%
 Associate of Science: 15%

Education Debt

Carry Debt: 38%
 Under Age 40 with Debt: 56%
 Median Debt: \$22k-\$24k

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Highest Professional Degree		
Degree	#	%
Certificate	18	1%
Associate of Applied Science	2,698	82%
Associate of Science	506	15%
Baccalaureate	49	1%
Other	31	1%
Total	3,303	100%

Source: Va. Healthcare Workforce Data Center

More than 80% of all PTAs hold an Associate of Applied Science as their highest professional degree, while 15% hold an Associate of Science degree.

Highest Non-Professional Degree		
Degree	#	%
Certificate	242	8%
Associate of Applied Science	725	25%
Associate of Science	268	9%
Baccalaureate	1,234	43%
Masters	111	4%
Doctorate/Professional	15	1%
Other	271	9%
Total	2,866	100%

Source: Va. Healthcare Workforce Data Center

Nearly 40% of PTAs currently have education debt, including 56% 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	1,835	62%	667	44%
Less than \$4,000	90	3%	57	4%
\$4,000-\$7,999	93	3%	63	4%
\$8,000-\$11,999	122	4%	85	6%
\$12,000-\$15,999	99	3%	73	5%
\$16,000-\$19,999	74	2%	60	4%
\$20,000-\$23,999	108	4%	86	6%
\$24,000-\$27,999	81	3%	58	4%
\$28,000 or More	466	16%	371	24%
Total	2,968	100%	1,520	100%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Top Certifications

Geriatrics:	3%
Women's Health:	2%
Neuromuscular:	1%

Top Credentials

Massage Therapy:	3%
Exercise Physiology:	3%
Athletic Training:	2%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

APTA Recognition of Advanced Proficiency Certificates		
Proficiency Area	#	% of Workforce
Geriatrics	101	3%
Women's Health	76	2%
Neuromuscular	35	1%
Education	34	1%
Aquatic	32	1%
Acute Care	24	1%
Cardiovascular & Pulmonary	15	0%
Pediatric	9	0%
Sports	9	0%
Oncology	7	0%
At Least One Certification	220	6%

Source: Va. Healthcare Workforce Data Center

Credentials		
Proficiency Area	#	% of Workforce
Massage Therapy	105	3%
Exercise Physiology	94	3%
Athletic Training	60	2%
Kinesiotherapy	38	1%
Nursing	23	1%
Medical Assistant	9	0%
Art/Dance Therapy	5	0%
Orthotic/Prosthetic Fitter	4	0%
Occupational Therapy	2	0%
Other	314	9%
At Least One Credential	605	17%

Source: Va. Healthcare Workforce Data Center

More than 5% of Virginia's PTAs currently hold at least one APTA certificate, and 17% hold at least one credential. Geriatrics is the most common APTA certification, and massage therapy is the most common credential.

At a Glance:

Employment

Employed in Profession: 91%
 Involuntarily Unemployed: 3%

Positions Held

1 Full-Time: 66%
 2 or More Positions: 11%

Weekly Hours

40 to 49: 38%
 60 or More: 1%
 Less than 30: 17%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Current Work Status		
Status	#	%
Employed, Capacity Unknown	2	0%
Employed in a Physical Therapy-Related Capacity	2,984	91%
Employed, NOT in a Physical Therapy-Related Capacity	102	3%
Not Working, Reason Unknown	0	0%
Involuntarily Unemployed	108	3%
Voluntarily Unemployed	86	3%
Retired	15	1%
Total	3,298	100%

Source: Va. Healthcare Workforce Data Center

More than 90% of PTAs are currently employed in the profession, two-thirds hold one full-time job, and 38% work between 40 and 49 hours per week.

Current Positions		
Positions	#	%
No Positions	209	6%
One Part-Time Position	523	16%
Two Part-Time Positions	136	4%
One Full-Time Position	2,152	66%
One Full-Time Position & One Part-Time Position	197	6%
Two Full-Time Positions	3	0%
More than Two Positions	35	1%
Total	3,255	100%

Source: Va. Healthcare Workforce Data Center

Current Weekly Hours		
Hours	#	%
0 Hours	209	7%
1 to 9 Hours	121	4%
10 to 19 Hours	158	5%
20 to 29 Hours	268	8%
30 to 39 Hours	1,100	34%
40 to 49 Hours	1,233	38%
50 to 59 Hours	74	2%
60 to 69 Hours	17	1%
70 to 79 Hours	6	0%
80 or More Hours	19	1%
Total	3,205	100%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Annual Income		
Income Level	#	%
Volunteer Work Only	13	1%
Less than \$10,000	108	4%
\$10,000-\$19,999	71	3%
\$20,000-\$29,999	123	5%
\$30,000-\$39,999	250	9%
\$40,000-\$49,999	606	23%
\$50,000-\$59,999	712	27%
\$60,000-\$69,999	460	17%
\$70,000-\$79,999	226	8%
\$80,000-\$89,999	83	3%
\$90,000-\$99,999	16	1%
\$100,000 or More	19	1%
Total	2,687	100%

Source: Va. Healthcare Workforce Data Center

At a Glance:

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

Benefits
Health Insurance: 60%
Retirement: 60%

Satisfaction
Satisfied: 91%
Very Satisfied: 58%

Source: Va. Healthcare Workforce Data Center

Job Satisfaction		
Level	#	%
Very Satisfied	1,862	58%
Somewhat Satisfied	1,047	33%
Somewhat Dissatisfied	203	6%
Very Dissatisfied	92	3%
Total	3,203	100%

Source: Va. Healthcare Workforce Data Center

The typical PTA earns between \$50,000 and \$60,000 per year. In addition, 82% of PTAs receive at least one employer-sponsored benefit, including 60% who have access to health insurance.

Employer-Sponsored Benefits			
Benefit	#	%	% of Wage/Salary Employees
Paid Vacation	2,241	75%	74%
Retirement	1,789	60%	60%
Health Insurance	1,787	60%	60%
Dental Insurance	1,692	57%	57%
Paid Sick Leave	1,507	51%	51%
Group Life Insurance	1,073	36%	36%
Signing/Retention Bonus	147	5%	5%
At Least One Benefit	2,438	82%	81%

*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?	613	17%
Work Two or More Positions at the Same Time?	485	14%
Work Part-Time or Temporary Positions, But Would Have Preferred a Full-Time/Permanent Position?	336	9%
Experience Voluntary Unemployment?	236	7%
Switch Employers or Practices?	214	6%
Experienced At Least One	1,387	39%

Source: Va. Healthcare Workforce Data Center

Nearly one out of every five PTAs experienced involuntary unemployment at some point in 2020. By comparison, Virginia's average monthly unemployment rate was 6.3%.¹

Location Tenure				
Tenure	Primary		Secondary	
	#	%	#	%
Not Currently Working At This Location	166	5%	69	10%
Less than 6 Months	179	6%	95	14%
6 Months to 1 Year	185	6%	62	9%
1 to 2 Years	730	23%	167	25%
3 to 5 Years	863	27%	146	21%
6 to 10 Years	459	14%	81	12%
More than 10 Years	588	19%	61	9%
Subtotal	3,170	100%	681	100%
Did Not Have Location	87		2,870	
Item Missing	327		33	
Total	3,584		3,584	

Source: Va. Healthcare Workforce Data Center

Three-fourths of all PTAs receive an hourly wage at their primary work location, while 16% either receive a salary or work on commission.

At a Glance:

Unemployment Experience

Involuntarily Unemployed: 17%
Underemployed: 9%

Turnover & Tenure

Switched Jobs: 6%
New Location: 16%
Over 2 Years: 60%
Over 2 Yrs., 2nd Location: 42%

Employment Type

Hourly Wage: 75%
Salary/Commission: 16%

Source: Va. Healthcare Workforce Data Center

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

Employment Type		
Primary Work Site	#	%
Hourly Wage	1,937	75%
Salary/Commission	419	16%
By Contract	183	7%
Business/Practice Income	30	1%
Unpaid	5	0%
Subtotal	2,574	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 11.0%.

At a Glance:

Concentration

Top Region:	25%
Top 3 Regions:	61%
Lowest Region:	2%

Locations

2 or More (Past Year):	22%
2 or More (Now*):	19%

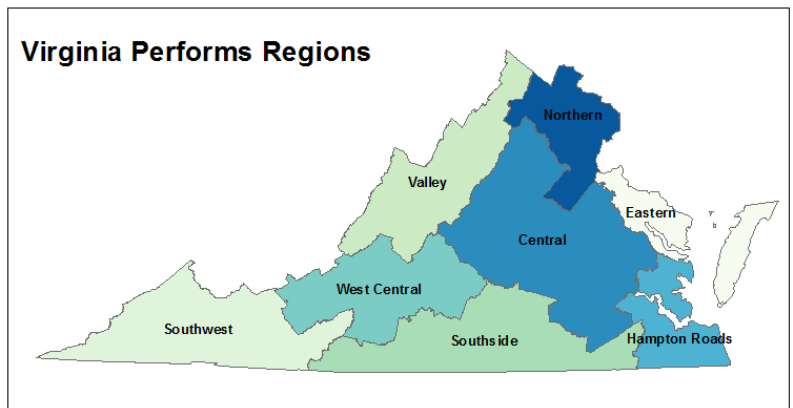
Source: Va. Healthcare Workforce Data Center

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	
	#	%	#	%
Hampton Roads	796	25%	157	22%
Northern	586	19%	131	19%
Central	548	17%	121	17%
West Central	464	15%	98	14%
Southwest	310	10%	65	9%
Valley	185	6%	38	5%
Southside	180	6%	40	6%
Eastern	70	2%	18	3%
Virginia Border State/D.C.	7	0%	8	1%
Other U.S. State	14	0%	23	3%
Outside of the U.S.	1	0%	1	0%
Total	3,161	100%	700	100%
Item Missing	335		14	

Source: Va. Healthcare Workforce Data Center



Nearly one-fifth of all PTAs currently have multiple work locations, while 22% have had multiple work locations over the past year.

Number of Work Locations				
Locations	Work Locations in 2020		Work Locations Now*	
	#	%	#	%
0	72	2%	209	7%
1	2,443	76%	2,390	74%
2	388	12%	359	11%
3	237	7%	218	7%
4	24	1%	15	1%
5	20	1%	7	0%
6 or More	38	1%	23	1%
Total	3,221	100%	3,221	100%

*At the time of survey completion, December 2020.

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Sector	Location Sector			
	Primary Location		Secondary Location	
	#	%	#	%
For-Profit	2,175	72%	524	80%
Non-Profit	683	23%	105	16%
State/Local Government	96	3%	26	4%
Veterans Administration	18	1%	1	0%
U.S. Military	50	2%	2	0%
Other Federal Gov't	10	0%	1	0%
Total	3,032	100%	659	100%
Did Not Have Location	87		2,870	
Item Missing	465		56	

Source: Va. Healthcare Workforce Data Center

At a Glance: (Primary Locations)

Sector

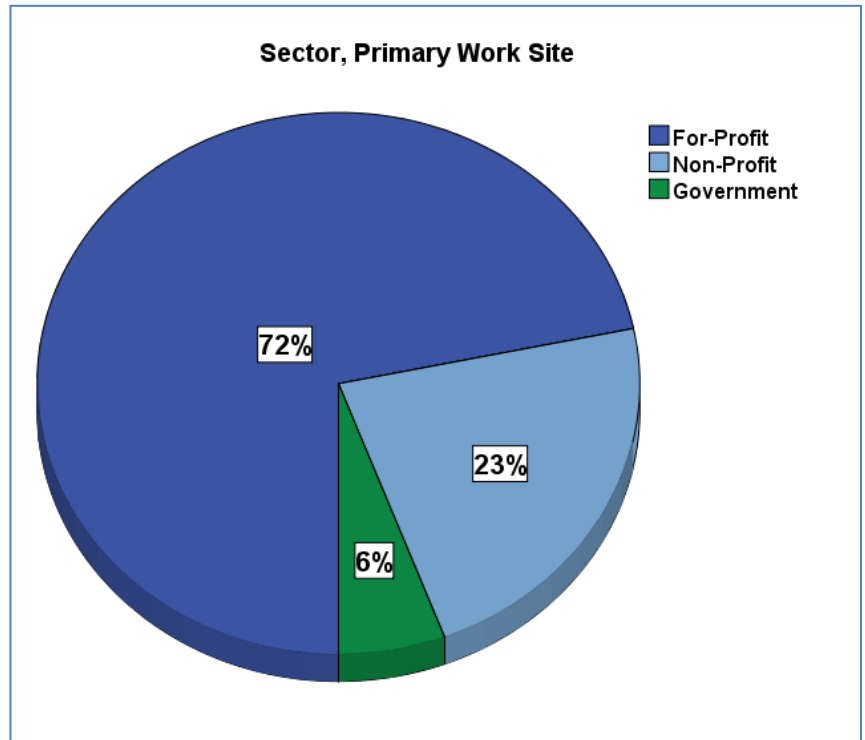
For-Profit:	72%
Federal:	3%

Top Establishments

Home Health Care:	24%
Skilled Nursing Facility:	20%
Outpatient Rehab.:	18%

Source: Va. Healthcare Workforce Data Center

More than 90% of all PTAs work in the private sector, including 72% who work in for-profit establishments. Another 3% of Virginia's PTAs work for state or local governments.



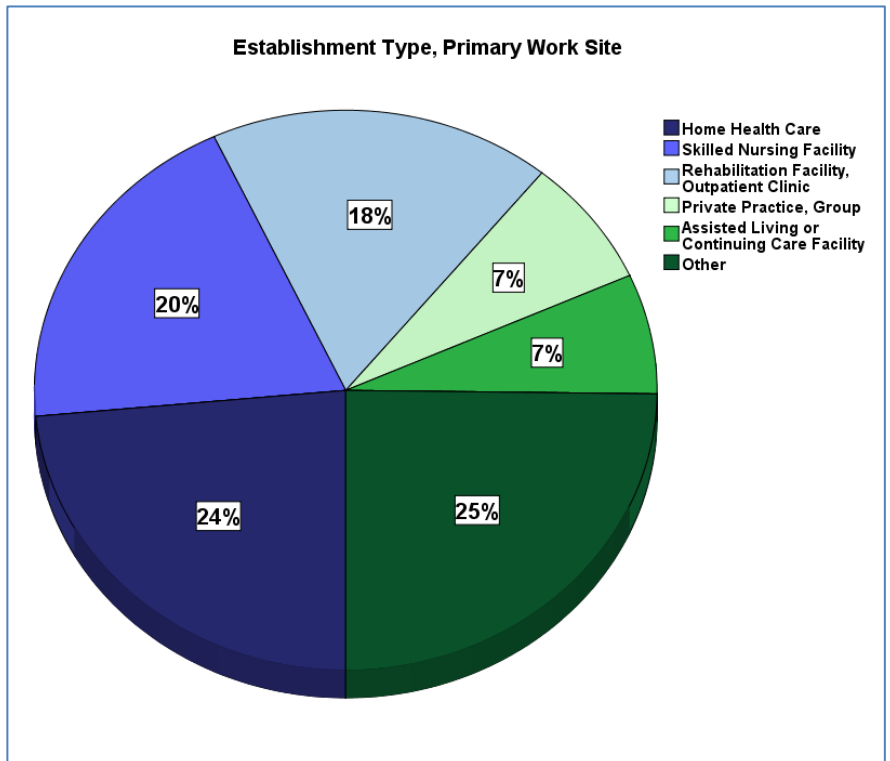
Source: Va. Healthcare Workforce Data Center

Location Type				
Establishment Type	Primary Location		Secondary Location	
	#	%	#	%
Home Health Care	695	24%	170	27%
Skilled Nursing Facility	577	20%	144	23%
Rehabilitation Facility, Outpatient Clinic	526	18%	57	9%
Private Practice, Group	219	7%	37	6%
Assisted Living or Continuing Care Facility	205	7%	52	8%
General Hospital, Outpatient Department	163	6%	16	3%
General Hospital, Inpatient Department	158	5%	40	6%
Rehabilitation Facility, Residential/Inpatient	135	5%	47	7%
Private Practice, Solo	89	3%	14	2%
K-12 School System	36	1%	3	0%
Physician Office	29	1%	2	0%
Academic Institution	18	1%	13	2%
Other	103	3%	43	7%
Total	2,953	100%	638	100%
Did Not Have a Location	87		2,870	

Nearly one-quarter of all PTAs work in home health care establishments. Another 20% work in skilled nursing facilities.

Source: Va. Healthcare Workforce Data Center

Among PTAs who also have a secondary work location, 27% work in home health care establishments. Another 23% work in skilled nursing facilities.



Source: Va. Healthcare Workforce Data Center

At a Glance: (Primary Locations)

A Typical PTA's Time

Patient Care: 90%-99%

Roles

Patient Care: 86%

Administrative: 3%

Other: 1%

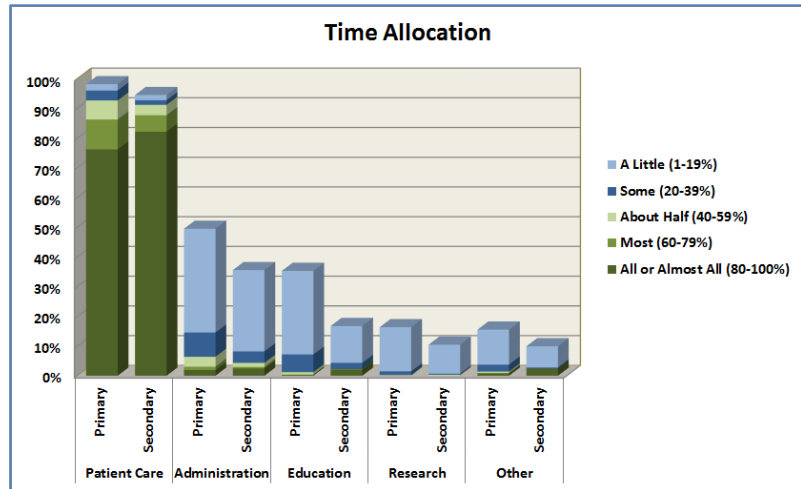
Patient Care PTAs

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 nearly all 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%)	76%	82%	2%	2%	0%	2%	0%	0%	1%	2%
Most (60-79%)	10%	6%	1%	1%	0%	0%	0%	0%	0%	0%
About Half (40-59%)	6%	3%	3%	1%	1%	0%	0%	0%	0%	0%
Some (20-39%)	3%	2%	8%	4%	6%	2%	1%	0%	2%	0%
A Little (1-19%)	2%	2%	35%	27%	28%	12%	15%	10%	12%	7%
None (0%)	2%	6%	51%	64%	65%	83%	84%	89%	84%	90%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Retirement Expectations				
Expected Retirement Age	All PTAs		PTAs Over 50	
	#	%	#	%
Under Age 50	192	7%	-	-
50 to 54	174	6%	9	1%
55 to 59	329	12%	58	8%
60 to 64	805	28%	214	29%
65 to 69	940	33%	304	41%
70 to 74	223	8%	93	13%
75 to 79	29	1%	14	2%
80 or Over	22	1%	5	1%
I Do Not Intend to Retire	126	4%	41	6%
Total	2,842	100%	738	100%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Retirement Expectations

All PTAs

Under 65: 53%
Under 60: 24%

PTAs 50 and Over

Under 65: 38%
Under 60: 9%

Time Until Retirement

Within 2 Years: 3%
Within 10 Years: 16%
Half the Workforce: By 2045

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, 38% still expect to retire by the age of 65.

Within the next two years, 23% of all PTAs expect to pursue additional educational opportunities, and 15% expect to increase their patient care hours.

Future Plans

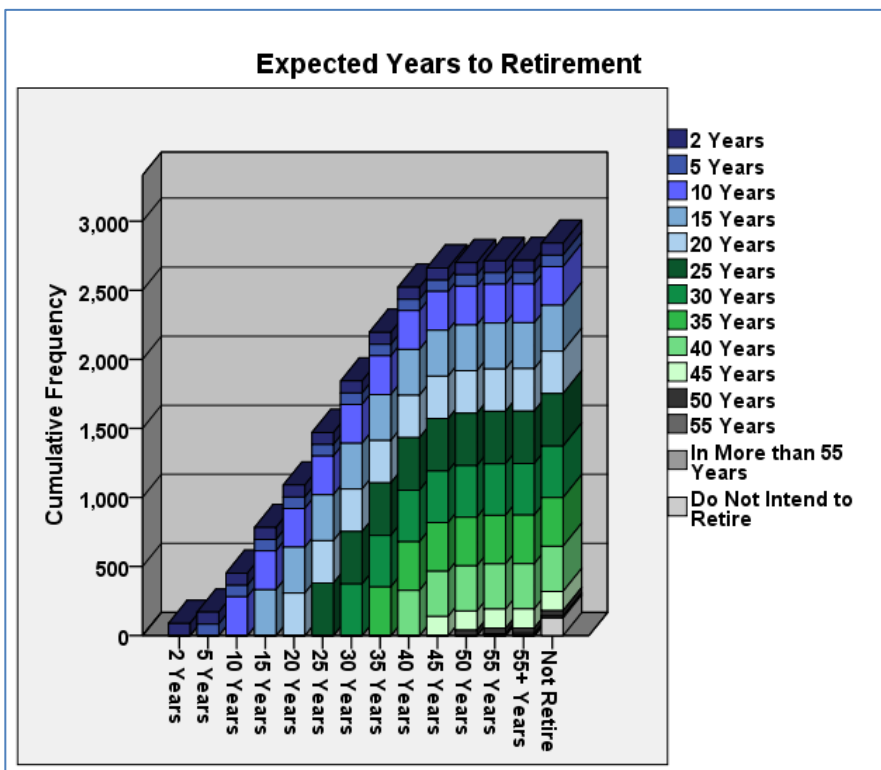
Two-Year Plans:	#	%
Decrease Participation		
Decrease Patient Care Hours	264	7%
Leave Virginia	166	5%
Leave Profession	112	3%
Decrease Teaching Hours	17	0%
Increase Participation		
Pursue Additional Education	812	23%
Increase Patient Care Hours	540	15%
Increase Teaching Hours	285	8%
Return to Virginia's Workforce	47	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 16% expect to retire in the next ten years. Half of the current PTA workforce expect to retire by 2045.

Time to Retirement			
Expect to Retire Within . . .	#	%	Cumulative %
2 Years	88	3%	3%
5 Years	82	3%	6%
10 Years	281	10%	16%
15 Years	332	12%	28%
20 Years	307	11%	38%
25 Years	380	13%	52%
30 Years	373	13%	65%
35 Years	352	12%	77%
40 Years	327	12%	89%
45 Years	139	5%	94%
50 Years	39	1%	95%
55 Years	14	0%	95%
In More than 55 Years	2	0%	96%
Do Not Intend to Retire	126	4%	100%
Total	2,842	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 2030. Retirement will peak at 13% of the current workforce around 2045 before declining to under 10% of the current workforce again around 2065.

At a Glance:

FTEs

Total: 2,728
 FTEs/1,000 Residents²: 0.32
 Average: 0.78

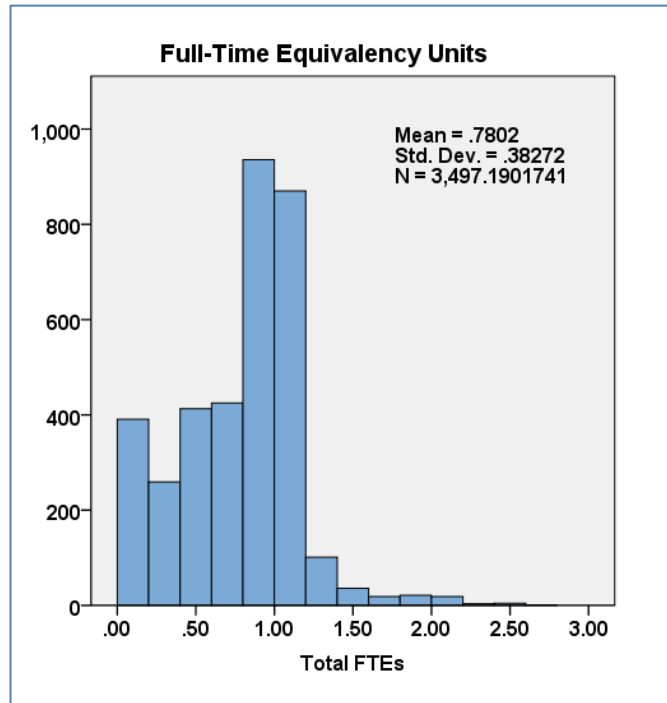
Age & Gender Effect

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:

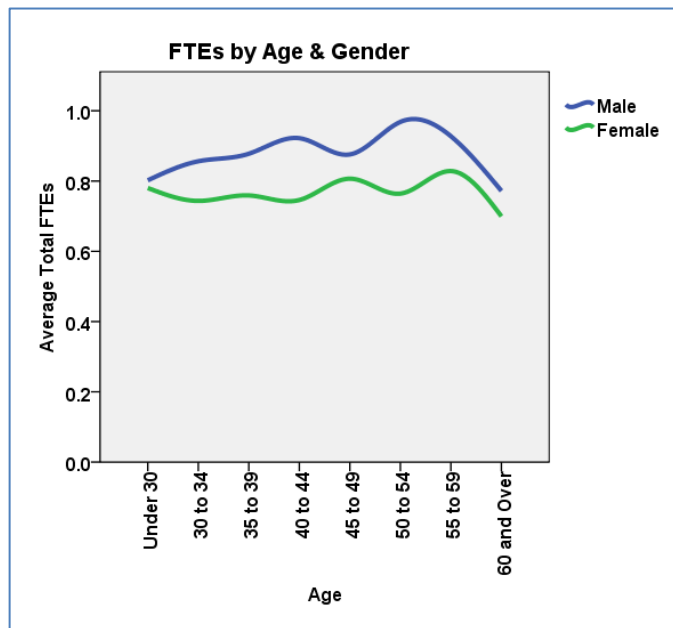


Source: Va. Healthcare Workforce Data Center

The typical PTA provided 0.85 FTEs in 2020, or approximately 34 hours per week for 50 weeks. Although FTEs appear to vary by age and gender, statistical tests did not verify that a difference exists.³

Full-Time Equivalency Units		
Age	Average	Median
Age		
Under 30	0.79	0.87
30 to 34	0.75	0.84
35 to 39	0.78	0.84
40 to 44	0.80	0.91
45 to 49	0.83	0.88
50 to 54	0.81	0.84
55 to 59	0.81	0.83
60 and Over	0.68	0.70
Gender		
Male	0.87	0.95
Female	0.77	0.84

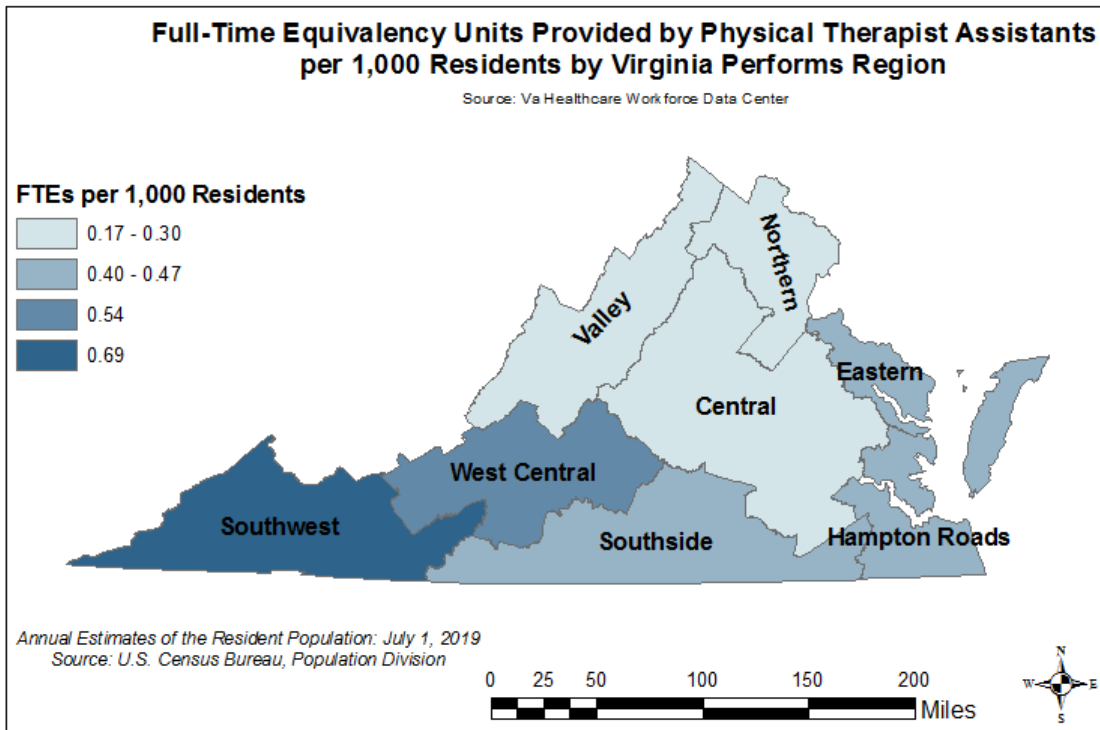
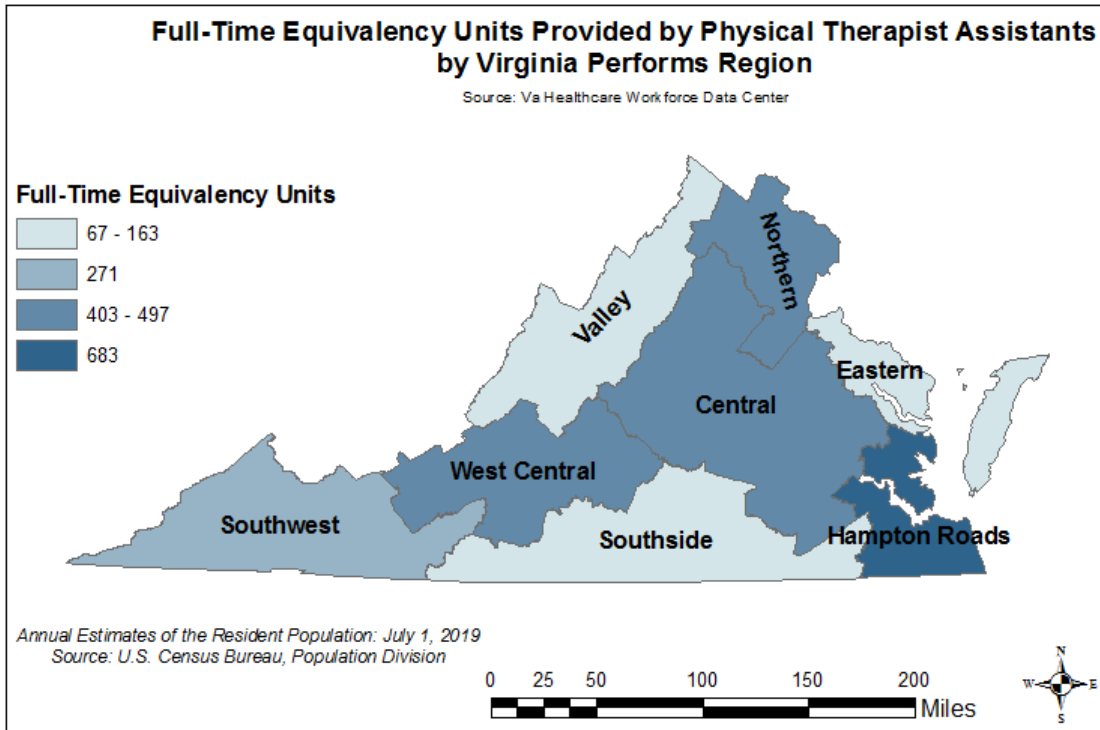
Source: Va. Healthcare Workforce Data Center

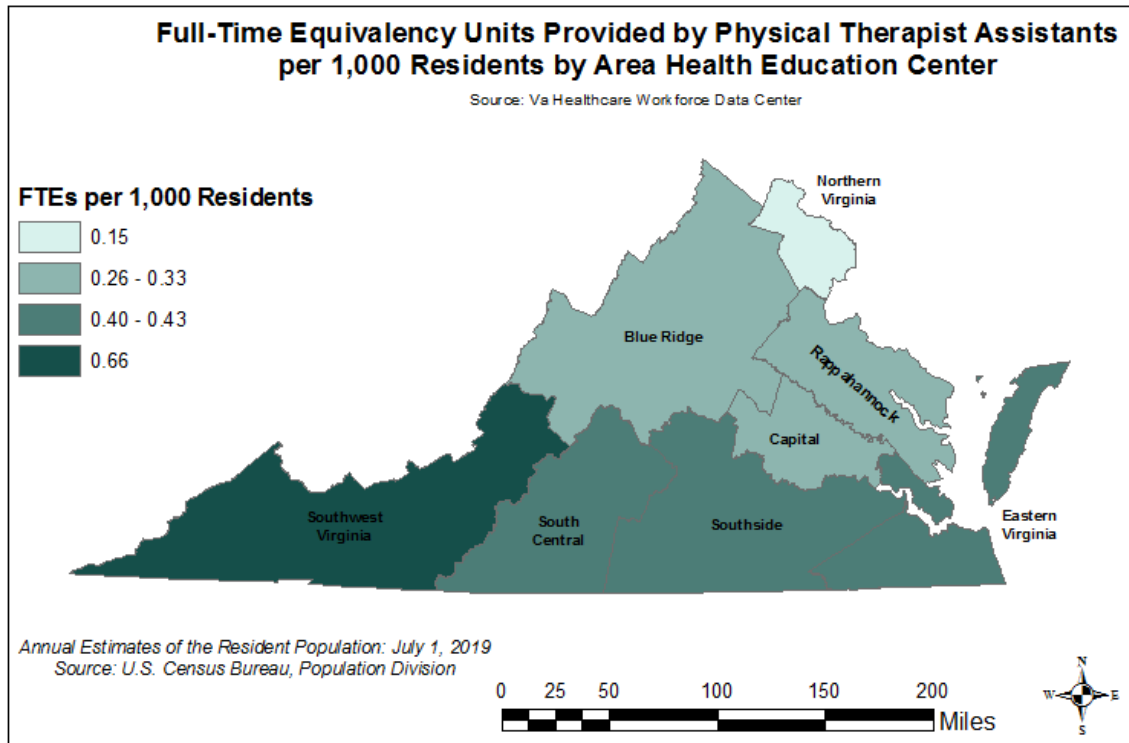
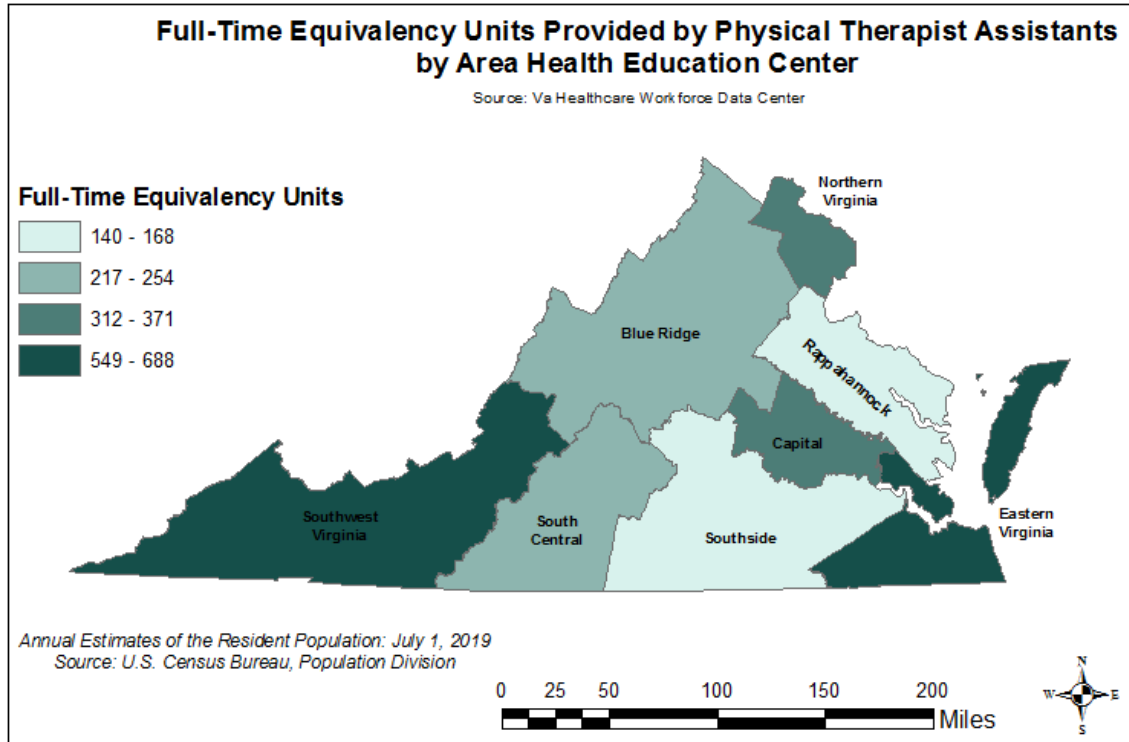


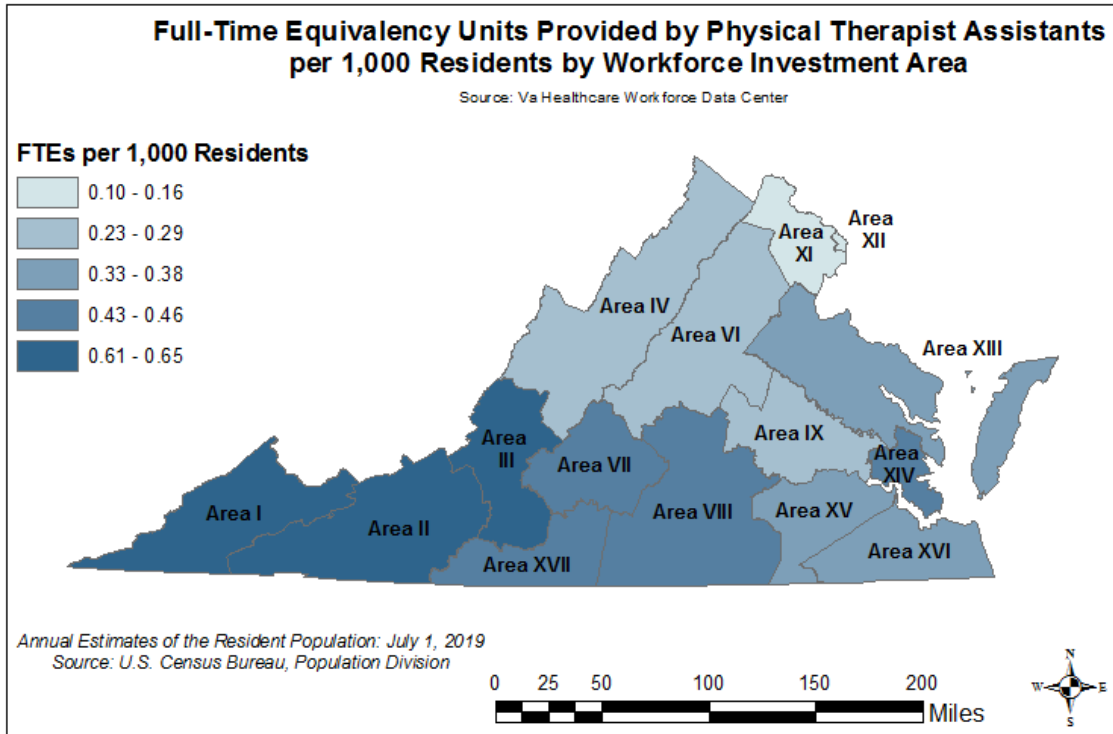
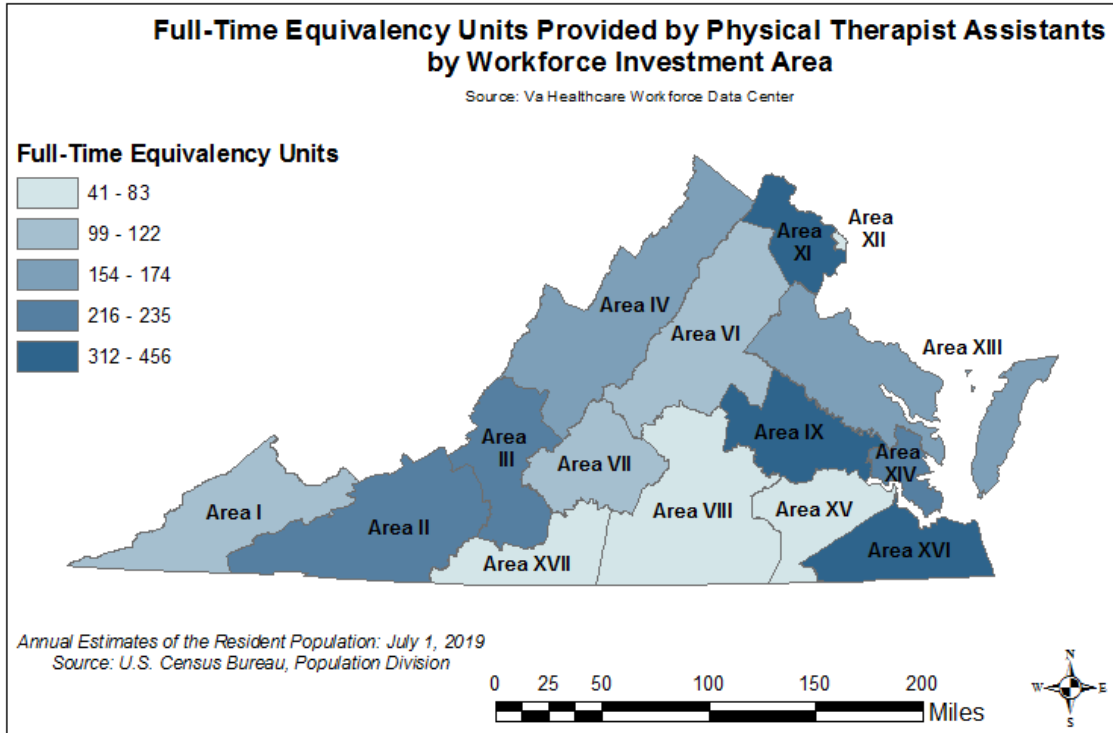
Source: Va. Healthcare Workforce Data Center

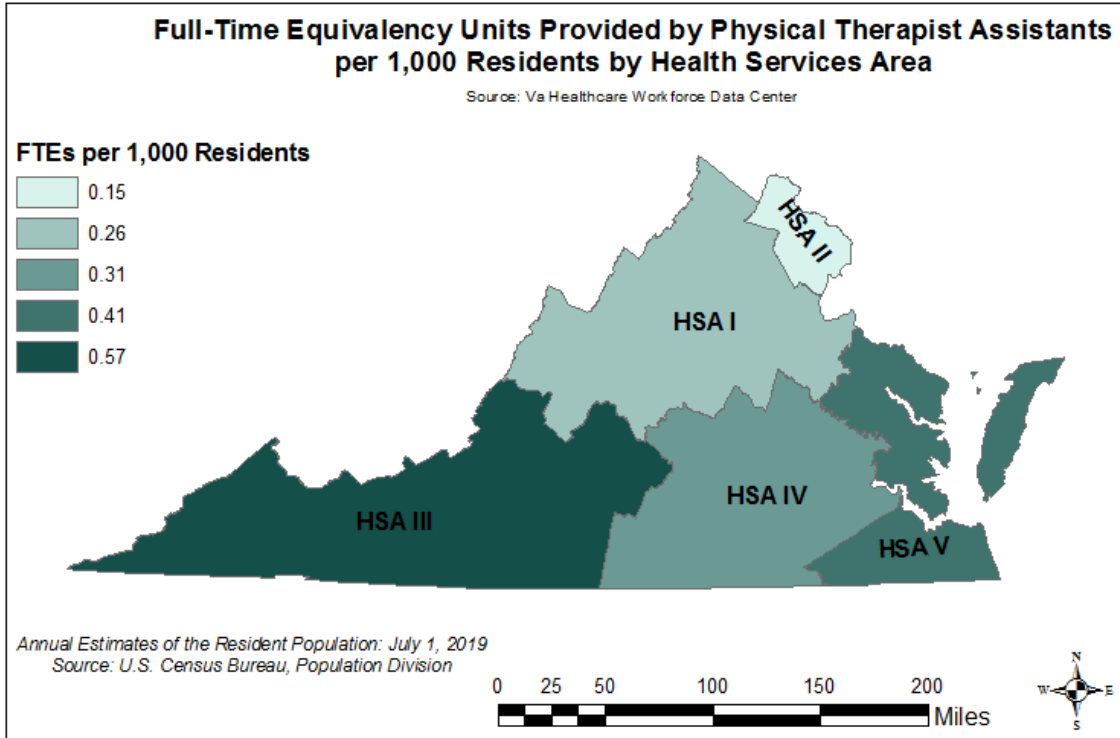
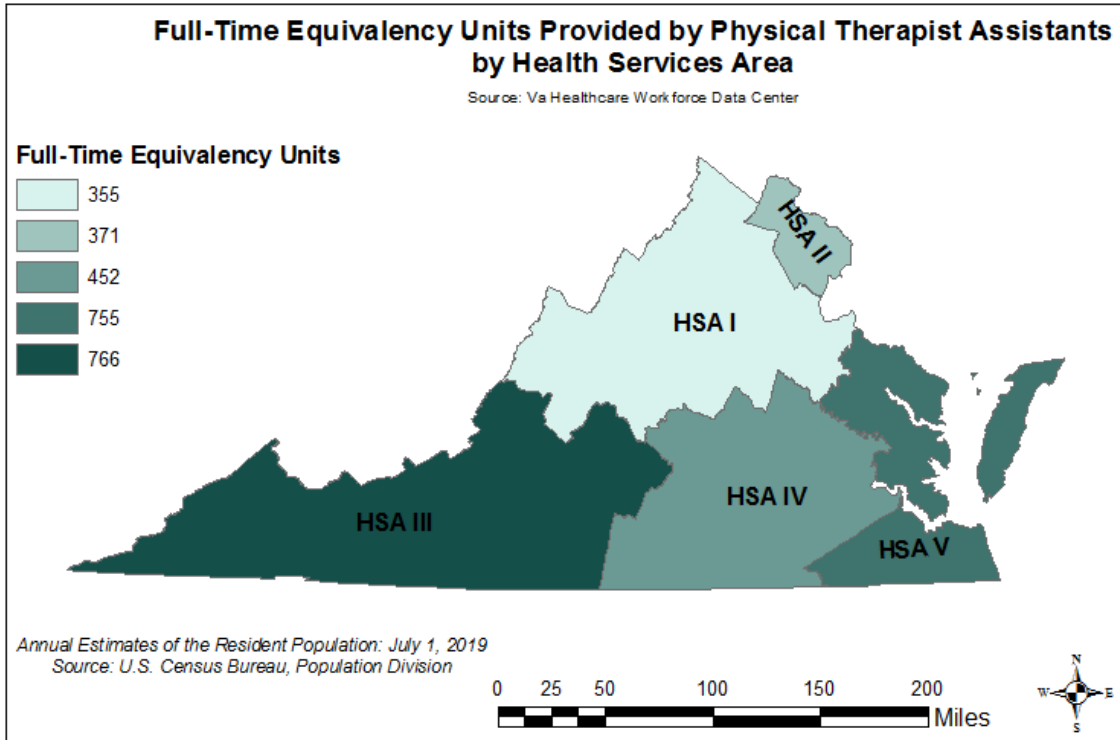
² Number of residents in 2019 was used as the denominator.

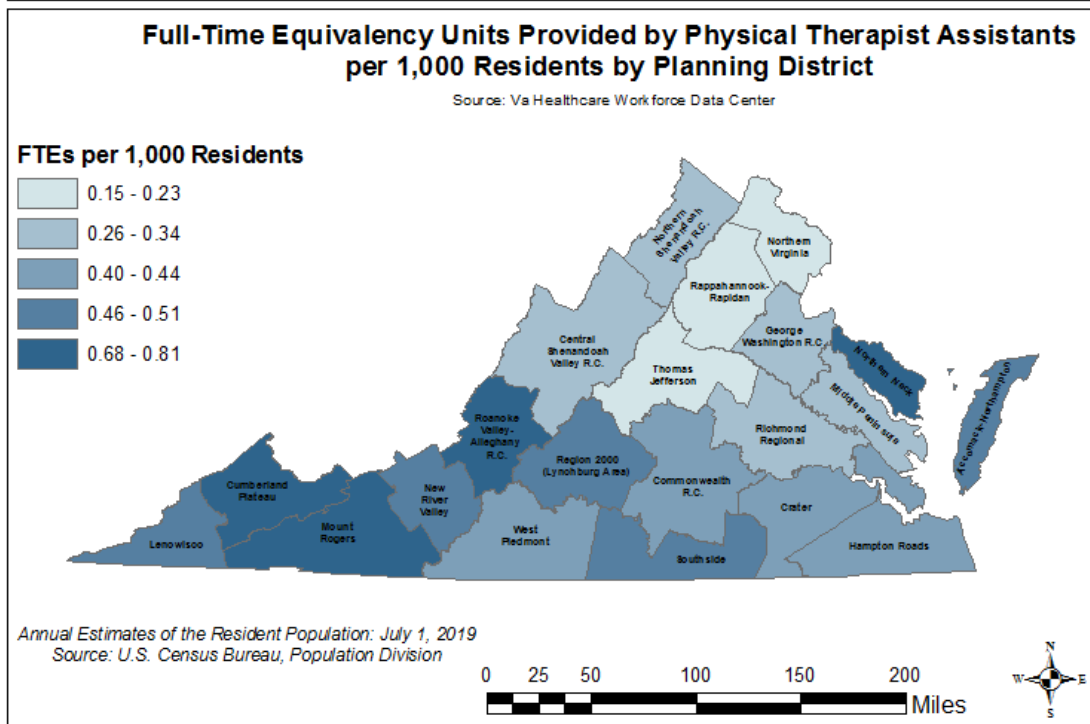
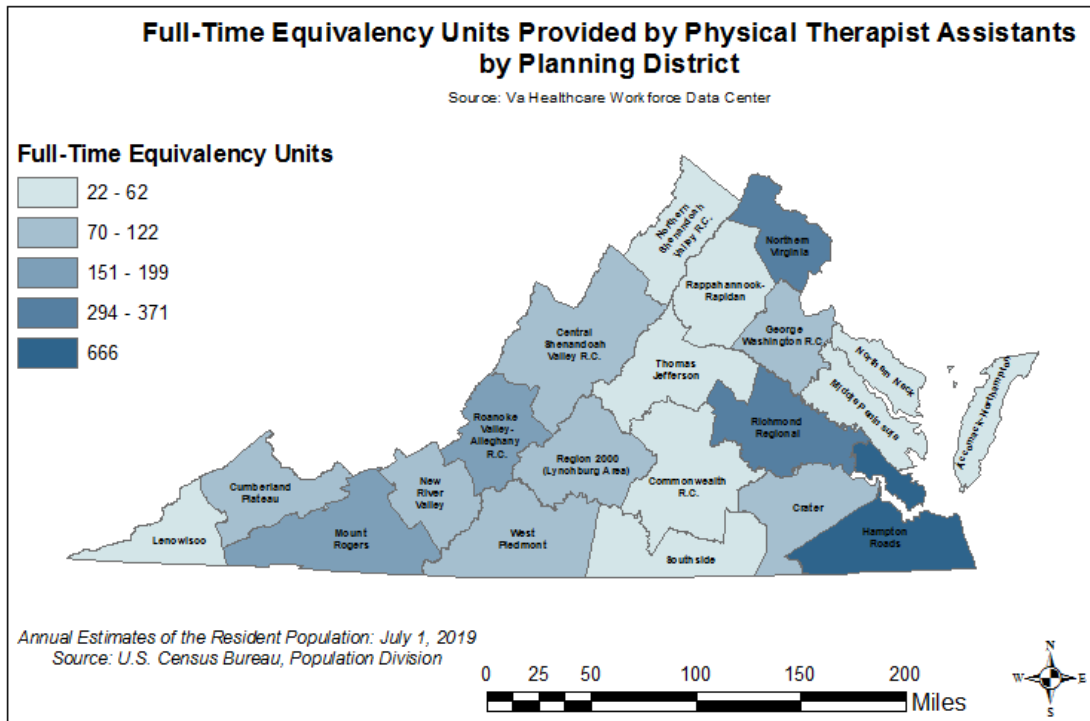
³ Due to assumption violations in Mixed between-within ANOVA (Levene's Test was significant).











Appendices

Appendix A: Weights

Rural Status	Location Weight			Total Weight	
	#	Rate	Weight	Min.	Max.
Metro, 1 Million+	2,017	84.58%	1.182	1.092	1.438
Metro, 250,000 to 1 Million	484	87.60%	1.142	1.055	1.389
Metro, 250,000 or Less	259	86.87%	1.151	1.064	1.400
Urban, Pop. 20,000+, Metro Adj.	86	93.02%	1.075	0.993	1.308
Urban, Pop. 20,000+, Non-Adj.	0	NA	NA	NA	NA
Urban, Pop. 2,500-19,999, Metro Adj.	197	84.26%	1.187	1.096	1.444
Urban, Pop. 2,500-19,999, Non-Adj.	163	90.80%	1.101	1.018	1.340
Rural, Metro Adj.	106	82.08%	1.218	1.126	1.482
Rural, Non-Adj.	56	87.50%	1.143	1.056	1.390
Virginia Border State/D.C.	298	69.46%	1.440	1.330	1.751
Other U.S. State	313	66.77%	1.498	1.384	1.822

Source: Va. Healthcare Workforce Data Center

Age	Age Weight			Total Weight	
	#	Rate	Weight	Min.	Max.
Under 30	720	68.19%	1.466	1.308	1.822
30 to 34	685	84.67%	1.181	1.053	1.467
35 to 39	553	86.98%	1.150	1.025	1.428
40 to 44	444	88.06%	1.136	1.013	1.411
45 to 49	455	89.23%	1.121	0.999	1.392
50 to 54	416	87.98%	1.137	1.014	1.412
55 to 59	333	89.79%	1.114	0.993	1.384
60 and Over	373	76.94%	1.300	1.159	1.615

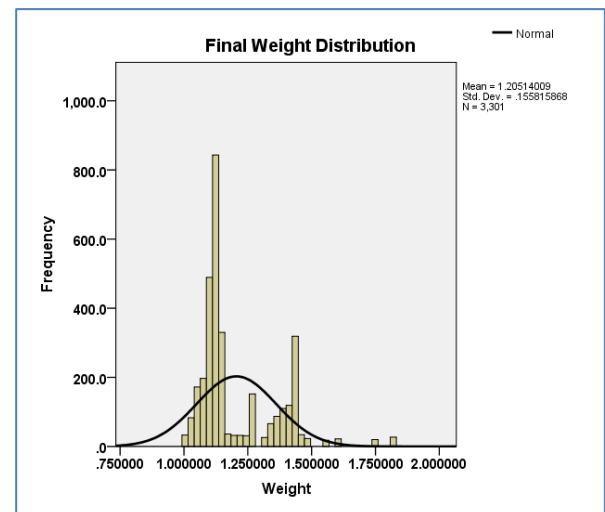
Source: Va. Healthcare Workforce Data Center

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: 0.829605



Source: Va. Healthcare Workforce Data Center