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# *Virginia's Physical Therapist Workforce: 2020*

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Healthcare Workforce Data Center

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Virginia Department of Health Professions  
Healthcare Workforce Data Center  
Perimeter Center  
9960 Mayland Drive, Suite 300  
Richmond, VA 23233  
804-597-4213, 804-527-4466 (fax)  
E-mail: [HWDC@dhp.virginia.gov](mailto:HWDC@dhp.virginia.gov)

Follow us on Tumblr: [www.vahwdc.tumblr.com](http://www.vahwdc.tumblr.com)

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*Nearly 8,000 Physical Therapists 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!***

***Virginia Department of Health Professions***

**David E. Brown, DC**  
*Director*

**Barbara Allison-Bryan, MD**  
*Chief Deputy Director*

*Healthcare Workforce Data Center Staff:*

Elizabeth Carter, PhD  
*Director*

Yetty Shobo, PhD  
*Deputy Director*

Laura Jackson, MSHSA  
*Operations Manager*

Rajana Siva, MBA  
*Data Analyst*

Christopher Coyle  
*Research Assistant*

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## The Physical Therapy Workforce At a Glance:

### The Workforce

Licensees:	9,518
Virginia's Workforce:	7,903
FTEs:	6,449

### Background

Rural Childhood:	27%
HS Degree in VA:	42%
Prof. Degree in VA:	41%

### Current Employment

Employed in Prof.:	95%
Hold 1 Full-Time Job:	66%
Satisfied?:	93%

### Survey Response Rate

All Licensees:	83%
Renewing Practitioners:	98%

### Education

Doctorate:	69%
Masters:	16%

### Job Turnover

Switched Jobs:	7%
Employed Over 2 Yrs.:	59%

### Demographics

% Female:	73%
Diversity Index:	33%
Median Age:	39

### Finances

Median Income:	\$70k-\$80k
Health Insurance:	62%
Under 40 w/ Ed. Debt:	64%

### Primary Roles

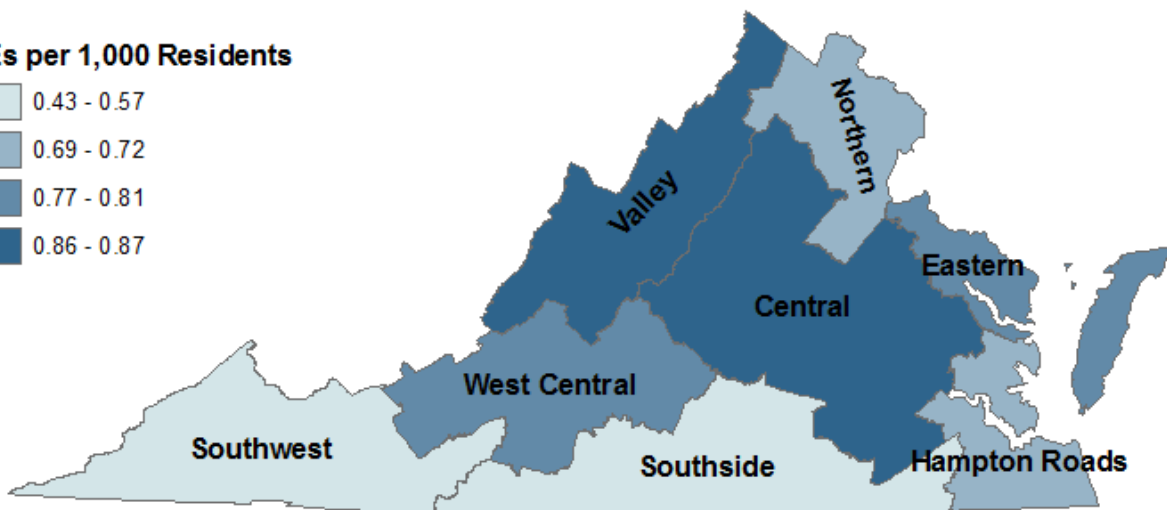
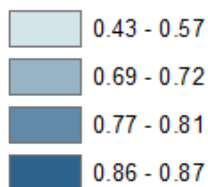
Patient Care:	85%
Administration:	5%
Education:	1%

Source: Va. Healthcare Workforce Data Center

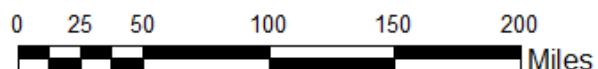
### Full-Time Equivalency Units Provided by Physical Therapists per 1,000 Residents by Virginia Performs Region

Source: Va Healthcare Work force Data Center

#### FTEs per 1,000 Residents



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



## Results in Brief

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This report contains the results of the 2020 Physical Therapy (PT) Workforce survey. Nearly 8,000 PTs voluntarily participated in this 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. These respondents represents 83% of the 9,518 PTs who are licensed in the state and 98% of renewing practitioners.

The HWDC estimates that 7,903 PTs participated in Virginia's workforce during the survey period, which is defined as those PTs who worked at least a portion of the year in the state or who live in the state and intend to return to work as a PT at some point in the future. This workforce provided 6,449 "full-time equivalency units," which the HWDC defines simply as working 2,000 hours per year.

Nearly three-quarters of all PTs are female, and the median age of this workforce is 39. In a random encounter between two PTs, there is a 33% chance that they would be of different races or ethnicities, a measure known as the diversity index. For those PTs who are under the age of 40, this diversity index falls to 32%. Both of these values are well below the comparable diversity index of 57% for Virginia's population as a whole. Meanwhile, more than one-quarter of all PTs grew up in rural areas, and 17% of this group of professionals currently work in non-metro areas of the state. In total, 8% of all PTs work in non-metro areas of Virginia.

Among all PTs, 95% are currently employed in the profession, 66% hold one full-time job, and 50% work between 40 and 49 hours per week. Meanwhile, 13% of PTs have experienced involuntary unemployment at some point in the past year, and 7% have experienced underemployment. More than 90% of all PTs are employed in the private sector, including 62% who work in for-profit establishments. The median annual income for Virginia's PTs is between \$70,000 and \$80,000. In addition, nearly 80% of PTs receive at least one employer-sponsored benefit, including 62% who have access to health insurance. Overall, 93% of PTs indicated that they are satisfied with their current employment situation, including 60% who indicated that they are "very satisfied."

## Summary of Trends

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In this section, all statistics for the current year are compared to the 2012 Physical Therapy workforce. The number of licensed PTs has increased by 43% (9,518 vs. 6,663). In addition, the size of Virginia's PT workforce has increased by 45% (7,903 vs. 5,434), and the number of FTEs provided by this workforce has increased by 35% (6,449 vs. 4,788). Virginia's renewing PTs are more likely to respond to this survey (98% vs. 89%).

The percentage of Virginia's PTs who are female has fallen (73% vs. 77%), and the median age of this workforce has declined as well (39 vs. 41). At the same time, the diversity index of Virginia's overall PT workforce has increased slightly (33% vs. 32%). However, the diversity index among those PTs who are under the age of 40 has declined (32% vs. 38%). This has occurred at a time when the diversity index of Virginia's overall population has increased (57% vs. 54%). There has been no change in the percentage of PTs who grew up in rural areas (27%), but this group of professionals is less likely to work in non-metro areas of the state (17% vs. 19%). In total, the percentage of all PTs who work in non-metro counties of Virginia has fallen (8% vs. 10%).

PTs are more likely to hold a doctoral degree (69% vs. 41%). Consequently, fewer PTs hold either a bachelor's degree (15% vs. 29%) or a master's degree (16% vs. 30%). At the same time, PTs are more likely to carry education debt (43% vs. 38%), and the median debt amount among those PTs with education debt has increased (\$80k-\$90k vs. \$50k-\$60k).

PTs are more likely to hold one full-time job (66% vs. 60%) and work between 40 and 49 hours per week (50% vs. 48%). Meanwhile, the one-year rates of involuntary unemployment (13% vs. 2%) and underemployment (7% vs. 2%) have both increased considerably. This increased employment instability is most likely due to the negative economic effects of the coronavirus pandemic. Although there has been no change in the median annual income of PTs (\$70k-\$80k), they are slightly more likely to receive at least one employer-sponsored benefit (79% vs. 77%). The percentage of PTs who indicated that they are satisfied with their current employment situation has fallen (93% vs. 97%), and this decline is even greater among those who indicated that they are "very satisfied" (60% vs. 70%).

**A Closer Look:**

Licensees		
License Status	#	%
Renewing Practitioners	7,728	81%
New Licensees	735	8%
Non-Renewals	1,055	11%
<b>All Licensees</b>	<b>9,518</b>	<b>100%</b>

Source: Va. Healthcare Workforce Data Center

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

**Definitions**

- 1. The Survey Period:** The survey was conducted in December 2020.
- 2. Target Population:** All PTs who held a Virginia license at some point in 2020.
- 3. Survey Population:** The survey was available to PTs who renewed their licenses online. It was not available to those who did not renew, including some PTs newly licensed in 2020.

**Response Rates**

Statistic	Non Respondents	Respondents	Response Rate
<b>By Age</b>			
Under 30	614	1,023	63%
30 to 34	378	1,479	80%
35 to 39	171	1,168	87%
40 to 44	107	997	90%
45 to 49	68	944	93%
50 to 54	69	792	92%
55 to 59	70	662	90%
60 and Over	175	801	82%
<b>Total</b>	<b>1,652</b>	<b>7,866</b>	<b>83%</b>
<b>New Licenses</b>			
Issued in 2020	484	251	34%
<b>Metro Status</b>			
Non-Metro	87	527	86%
Metro	731	5,604	89%
Not in Virginia	834	1,735	68%

Source: Va. Healthcare Workforce Data Center

**Response Rates**

Completed Surveys	<b>7,866</b>
Response Rate, All Licensees	<b>83%</b>
Response Rate, Renewals	<b>98%</b>

Source: Va. Healthcare Workforce Data Center

**At a Glance:**

Licensed PTs

Number:	9,518
New:	8%
Not Renewed:	11%

Response Rates

All Licensees:	83%
Renewing Practitioners:	98%

Source: Va. Healthcare Workforce Data Center

## At a Glance:

### Workforce

2020 PT Workforce: 7,903  
 FTEs: 6,449

### Utilization Ratios

Licensees in VA Workforce: 83%  
 Licensees per FTE: 1.48  
 Workers per FTE: 1.23

Source: Va. Healthcare Workforce Data Center

## Definitions

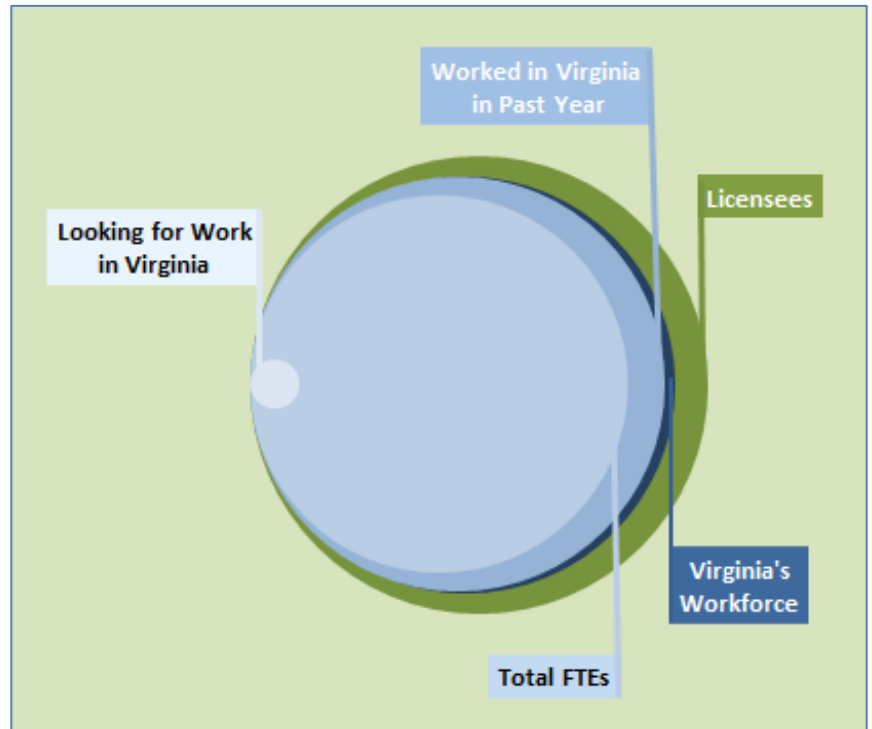
- 1. Virginia's Workforce:** A licensee with a primary or secondary work site in Virginia at any time in the past year or who indicated intent to return to Virginia's workforce at any point in the future.
- 2. Full-Time Equivalency Unit (FTE):** The HWDC uses 2,000 hours (40 hours for 50 weeks) as its 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 PT Workforce

Status	#	%
Worked in Virginia in Past Year	7,798	99%
Looking for Work in Virginia	106	1%
<b>Virginia's Workforce</b>	<b>7,903</b>	<b>100%</b>
<b>Total FTEs</b>	<b>6,449</b>	
<b>Licensees</b>	<b>9,518</b>	

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	374	28%	982	72%	1,356	19%
30 to 34	397	27%	1,050	73%	1,446	20%
35 to 39	261	26%	763	75%	1,024	14%
40 to 44	201	25%	604	75%	805	11%
45 to 49	219	29%	531	71%	751	10%
50 to 54	150	25%	455	75%	605	8%
55 to 59	125	24%	401	76%	525	7%
60 and Over	200	30%	471	70%	671	9%
<b>Total</b>	<b>1,927</b>	<b>27%</b>	<b>5,257</b>	<b>73%</b>	<b>7,184</b>	<b>100%</b>

Source: Va. Healthcare Workforce Data Center

Race & Ethnicity					
Race/ Ethnicity	Virginia*	PTs		PTs Under 40	
	%	#	%	#	%
White	61%	5,797	81%	3,112	82%
Black	19%	283	4%	143	4%
Hispanic	10%	196	3%	109	3%
Asian	7%	647	9%	317	8%
Two or More Races	3%	160	2%	101	3%
Other Race	0%	80	1%	32	1%
<b>Total</b>	<b>100%</b>	<b>7,164</b>	<b>100%</b>	<b>3,814</b>	<b>100%</b>

\*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

At a Glance:

**Gender**

% Female: 73%  
% Under 40 Female: 73%

**Age**

Median Age: 39  
% Under 40: 53%  
% 55 and Over: 17%

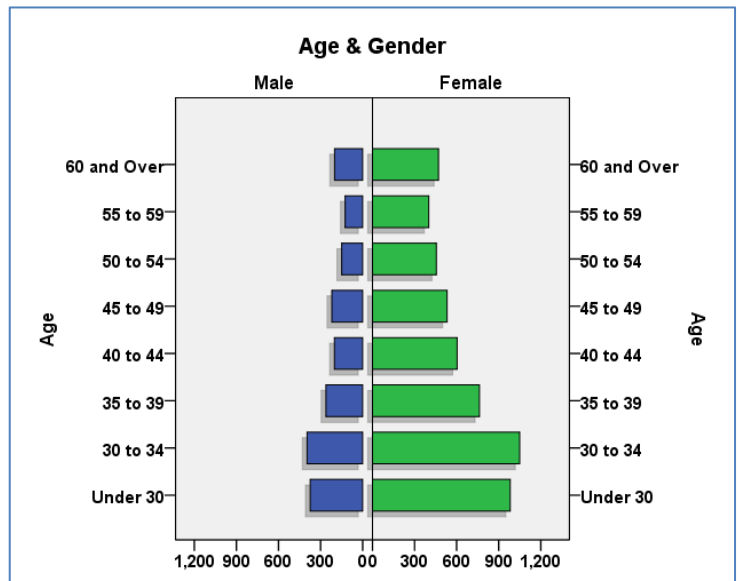
**Diversity**

Diversity Index: 33%  
Under 40 Div. Index: 32%

Source: Va. Healthcare Workforce Data Center

In a random encounter between two PTs, there is a 33% 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%.

More than half of all PTs are under the age 40, and 73% of these professionals are female. In addition, there is a 32% chance that two randomly chosen PTs from this group would be of different races or ethnicities.



Source: Va. Healthcare Workforce Data Center

## At a Glance:

### Childhood

Urban Childhood: 11%  
 Rural Childhood: 27%

### Virginia Background

HS in Virginia: 42%  
 Professional Edu. in VA: 41%  
 HS/Prof. Edu. in VA: 51%

### Location Choice

% Rural to Non-Metro: 17%  
 % Urban/Suburban to Non-Metro: 5%

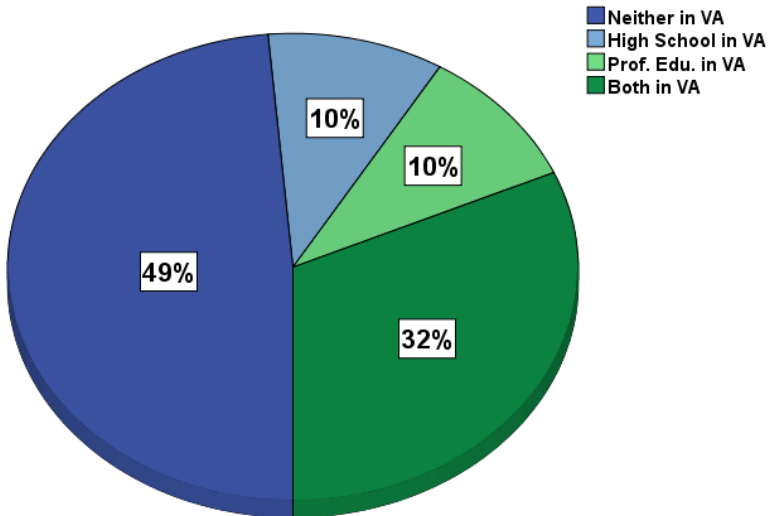
Source: Va. Healthcare Workforce Data Center

## A Closer Look:

Primary Location: USDA Rural Urban Continuum		Rural Status of Childhood Location		
Code	Description	Rural	Suburban	Urban
<b>Metro Counties</b>				
1	Metro, 1 Million+	20%	69%	12%
2	Metro, 250,000 to 1 Million	37%	55%	8%
3	Metro, 250,000 or Less	39%	53%	9%
<b>Non-Metro Counties</b>				
4	Urban, Pop. 20,000+, Metro Adjacent	59%	31%	10%
6	Urban, Pop. 2,500-19,999, Metro Adjacent	49%	39%	12%
7	Urban, Pop. 2,500-19,999, Non-Adjacent	65%	29%	6%
8	Rural, Metro Adjacent	50%	42%	8%
9	Rural, Non-Adjacent	46%	43%	10%
<b>Overall</b>		<b>27%</b>	<b>63%</b>	<b>11%</b>

Source: Va. Healthcare Workforce Data Center

### Educational Background in Virginia



Source: Va. Healthcare Workforce Data Center

More than one-quarter of all PTs grew up in rural areas, and 17% of these professionals currently work in non-metro counties. Overall, 8% of Virginia's PTs work in non-metro counties of the state.

## Top Ten States for Physical Therapist Recruitment

Rank	All Physical Therapists			
	High School	#	Professional School	#
1	Virginia	2,977	Virginia	2,929
2	Outside U.S./Canada	643	Pennsylvania	537
3	New York	515	New York	514
4	Pennsylvania	513	Outside U.S./Canada	478
5	Maryland	382	North Carolina	327
6	New Jersey	246	Florida	301
7	North Carolina	169	Washington, D.C.	199
8	Ohio	150	Massachusetts	199
9	Florida	143	Maryland	168
10	Massachusetts	116	California	115

Source: Va. Healthcare Workforce Data Center

*Among all PTs, 42% received their high school degree in Virginia, while 41% received their initial professional degree in the state.*

Rank	Licensed in the Past Five Years			
	High School	#	Professional School	#
1	Virginia	1,072	Virginia	1,089
2	Pennsylvania	182	Pennsylvania	199
3	Outside U.S./Canada	165	New York	161
4	New York	155	Florida	121
5	Maryland	128	Outside U.S./Canada	117
6	New Jersey	76	North Carolina	112
7	North Carolina	68	Washington, D.C.	72
8	Florida	56	Maryland	57
9	Ohio	54	Massachusetts	35
10	Georgia	34	West Virginia	35

Source: Va. Healthcare Workforce Data Center

*Among PTs who have been licensed in the past five years, 44% received their high school degree in Virginia, and 45% received their initial professional degree in the state.*

*Nearly one out of every five licensed PTs did not participate in Virginia's workforce in 2020. More than 90% of these professionals worked at some point in the past year, including 87% who currently work as PTs.*

### At a Glance:

#### Not in VA Workforce

Total:	1,631
% of Licensees:	17%
Federal/Military:	6%
VA Border State/DC:	24%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Highest Professional Degree		
Degree	#	%
Baccalaureate	1,072	15%
Masters	1,158	16%
Doctorate	4,892	69%
<b>Total</b>	<b>7,122</b>	<b>100%</b>

Source: Va. Healthcare Workforce Data Center

## At a Glance:

**Education**

Doctorate: 69%

Masters: 16%

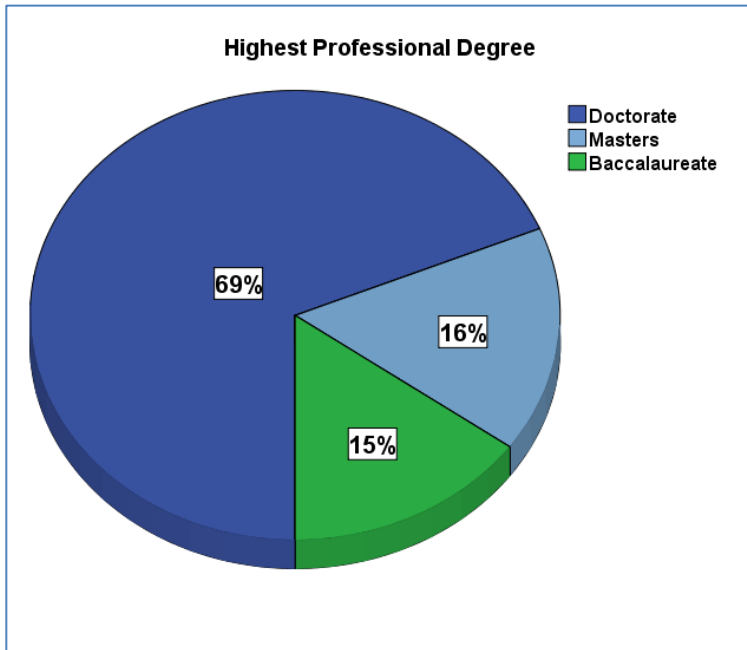
**Education Debt**

With Debt: 43%

Under Age 40 w/ Debt: 64%

Median Debt: \$80k-\$90k

Source: Va. Healthcare Workforce Data Center



Source: Va. Healthcare Workforce Data Center

*Nearly 70% of all PTs hold a doctoral degree as their highest professional degree.*

*More than 40% of all PTs carry education debt, including 64% of those who are under the age of 40. For those with education debt, the median debt amount is between \$80,000 and \$90,000.*

Education Debt				
Amount Carried	All PTs		PTs Under 40	
	#	%	#	%
<b>None</b>	3,701	57%	1,263	36%
<b>Less than \$20,000</b>	353	5%	179	5%
<b>\$20,000-\$39,999</b>	388	6%	234	7%
<b>\$40,000-\$59,999</b>	334	5%	252	7%
<b>\$60,000-\$79,999</b>	296	5%	239	7%
<b>\$80,000-\$99,999</b>	308	5%	268	8%
<b>\$100,000-\$119,999</b>	260	4%	233	7%
<b>\$120,000 or More</b>	868	13%	821	24%
<b>Total</b>	<b>6,508</b>	<b>100%</b>	<b>3,489</b>	<b>100%</b>

Source: Va. Healthcare Workforce Data Center

## At a Glance:

### Top Certifications

Orthopaedics:	7%
Clinical Instructor (APTA):	4%
Geriatrics:	2%

### Top Credentials:

Dry Needling:	16%
Exercise Therapy:	4%
Athletic Training:	3%

Source: Va. Healthcare Workforce Data Center

## A Closer Look:

APTA Recognition of Advanced Proficiency		
Proficiency Area	#	% of Workforce
<b>Orthopaedics</b>	540	7%
<b>Clinical Instructor (APTA)</b>	343	4%
<b>Geriatrics</b>	120	2%
<b>Neurology</b>	112	1%
<b>Sports</b>	79	1%
<b>Pediatrics</b>	66	1%
<b>Women’s Health</b>	27	0%
<b>Cardiovascular &amp; Pulmonary</b>	20	0%
<b>Clinical Electrophysiology</b>	6	0%
<b>Other</b>	222	3%
<b>At Least One Certification</b>	<b>1,353</b>	<b>17%</b>

Source: Va. Healthcare Workforce Data Center

Credentials		
Area	#	% of Workforce
<b>Dry Needling</b>	1,260	16%
<b>Exercise/Physical Therapy</b>	329	4%
<b>Athletic Training</b>	210	3%
<b>Lymphedema Therapy</b>	202	3%
<b>Early Intervention</b>	170	2%
<b>Massage Therapy</b>	55	1%
<b>Wound Care</b>	45	1%
<b>Orthotics</b>	28	0%
<b>Assistive Technology</b>	21	0%
<b>Nursing</b>	9	0%
<b>Art/Dance Therapy</b>	8	0%
<b>Occupational Therapy</b>	8	0%
<b>Prosthetics</b>	6	0%
<b>Chiropractry</b>	2	0%
<b>Other</b>	633	8%
<b>At Least One Credential</b>	<b>2,421</b>	<b>31%</b>

Source: Va. Healthcare Workforce Data Center

Nearly one out of every five PTs hold at least one APTA certification, while 31% of PTs hold at least one credential. Orthopaedics (APTA) is the most common certification proficiency area, while Dry Needling is the most common credentialed proficiency area.

## At a Glance:

### Employment

Employed in Profession: 95%  
 Involuntarily Unemployed: 1%

### Positions Held

1 Full-Time: 66%  
 2 or More Positions: 14%

### Weekly Hours:

40 to 49: 50%  
 60 or More: 3%  
 Less than 30: 16%

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	6,810	95%
Employed, NOT in a Physical Therapy-Related Capacity	89	1%
Not Working, Reason Unknown	0	0%
Involuntarily Unemployed	67	1%
Voluntarily Unemployed	158	2%
Retired	26	0%
<b>Total</b>	<b>7,151</b>	<b>100%</b>

Source: Va. Healthcare Workforce Data Center

*More than nine out of every ten PTs are currently employed in the profession, two-thirds hold one full-time job, and one-half work between 40 and 49 hours per week.*

Current Positions		
Positions	#	%
No Positions	251	4%
One Part-Time Position	1,197	17%
Two Part-Time Positions	313	4%
One Full-Time Position	4,634	66%
One Full-Time Position & One Part-Time Position	527	7%
Two Full-Time Positions	13	0%
More than Two Positions	124	2%
<b>Total</b>	<b>7,059</b>	<b>100%</b>

Source: Va. Healthcare Workforce Data Center

Current Weekly Hours		
Hours	#	%
0 Hours	251	4%
1 to 9 Hours	178	3%
10 to 19 Hours	410	6%
20 to 29 Hours	538	8%
30 to 39 Hours	1,348	19%
40 to 49 Hours	3,523	50%
50 to 59 Hours	562	8%
60 to 69 Hours	124	2%
70 to 79 Hours	35	0%
80 or More Hours	38	1%
<b>Total</b>	<b>7,007</b>	<b>100%</b>

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Annual Income		
Income Level	#	%
Volunteer Work Only	22	0%
Less than \$30,000	366	6%
\$30,000-\$39,999	196	3%
\$40,000-\$49,999	279	5%
\$50,000-\$59,999	436	7%
\$60,000-\$69,999	714	12%
\$70,000-\$79,999	1,309	22%
\$80,000-\$89,999	996	17%
\$90,000-\$99,999	644	11%
\$100,000-\$109,999	470	8%
\$110,000-\$119,999	207	4%
\$120,000 or More	269	5%
<b>Total</b>	<b>5,907</b>	<b>100%</b>

Source: Va. Healthcare Workforce Data Center

Job Satisfaction		
Level	#	%
Very Satisfied	4,185	60%
Somewhat Satisfied	2,317	33%
Somewhat Dissatisfied	365	5%
Very Dissatisfied	100	1%
<b>Total</b>	<b>6,966</b>	<b>100%</b>

Source: Va. Healthcare Workforce Data Center

At a Glance:

Earnings

Median Income: \$70k-\$80k

Benefits

Health Insurance: 62%

Retirement: 65%

Satisfaction

Satisfied: 93%

Very Satisfied: 60%

Source: Va. Healthcare Workforce Data Center

The median annual income of Virginia's PTs is between \$70,000 and \$80,000. In addition, nearly 80% of PTs receive at least one employer-sponsored benefit, including 62% of PTs who have access to health insurance.

Employer-Sponsored Benefits			
Benefit	#	%	% of Wage/Salary Employees
Paid Vacation	4,862	71%	76%
Retirement	4,417	65%	70%
Health Insurance	4,234	62%	66%
Dental Insurance	3,941	58%	62%
Paid Sick Leave	3,428	50%	54%
Group Life Insurance	2,711	40%	43%
Signing/Retention Bonus	762	11%	12%
<b>At Least One Benefit</b>	<b>5,411</b>	<b>79%</b>	<b>84%</b>

\*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 . . . ?	#	%
Work Two or More Positions at the Same Time?	1,185	15%
Experience Involuntary Unemployment?	1,017	13%
Switch Employers or Practices?	584	7%
Work Part-Time or Temporary Positions, but Would Have Preferred a Full-Time/Permanent Position?	556	7%
Experience Voluntary Unemployment?	507	6%
<b>Experienced At Least One</b>	<b>2,852</b>	<b>36%</b>

Source: Va. Healthcare Workforce Data Center

*More than one out of every ten PTs experienced involuntary unemployment at some point in the past year. By comparison, Virginia's average monthly unemployment rate was 6.3% during the same time period.<sup>1</sup>*

Location Tenure				
Tenure	Primary		Secondary	
	#	%	#	%
Not Currently Working at This Location	171	2%	113	7%
Less than 6 Months	523	8%	264	17%
6 Months to 1 Year	536	8%	162	11%
1 to 2 Years	1,616	24%	337	22%
3 to 5 Years	1,484	22%	274	18%
6 to 10 Years	1,065	16%	188	12%
More than 10 Years	1,466	21%	172	11%
<b>Subtotal</b>	<b>6,861</b>	<b>100%</b>	<b>1,511</b>	<b>100%</b>
Did Not Have Location	131		6,368	
Item Missing	912		24	
<b>Total</b>	<b>7,903</b>		<b>7,903</b>	

Source: Va. Healthcare Workforce Data Center

*More than half of all PTs receive a salary at their primary work location, while 36% receive an hourly wage.*

## At a Glance:

### Unemployment Experience

Involuntarily Unemployed: 13%

Underemployed: 7%

### Turnover & Tenure

Switched Jobs: 7%

New Location: 22%

Over 2 Years: 59%

Over 2 Yrs., 2<sup>nd</sup> Location: 42%

### Employment Type

Salary/Commission: 53%

Hourly Wage: 36%

Source: Va. Healthcare Workforce Data Center

*Among all PTs, nearly 60% have worked at their primary work location for more than two years.*

Employment Type		
Primary Work Site	#	%
Salary/Commission	3,022	53%
Hourly Wage	2,043	36%
By Contract	326	6%
Business/Practice Income	251	4%
Unpaid	28	0%
<b>Subtotal</b>	<b>5,670</b>	<b>100%</b>

Source: Va. Healthcare Workforce Data Center

<sup>1</sup> 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:	33%
Top 3 Regions:	75%
Lowest Region:	2%

### Locations

2 or More (2020):	22%
2 or More (Now*):	20%

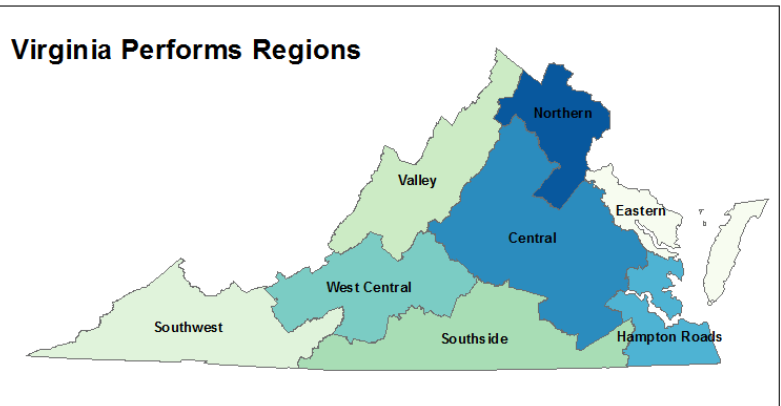
Source: Va. Healthcare Workforce Data Center

Three-quarters of all PTs work in Northern Virginia, Central Virginia, and Hampton Roads.

## A Closer Look:

Regional Distribution of Work Locations				
Virginia Performs Region	Primary Location		Secondary Location	
	#	%	#	%
Northern	2,247	33%	480	32%
Central	1,624	24%	314	21%
Hampton Roads	1,296	19%	248	16%
West Central	637	9%	135	9%
Valley	430	6%	90	6%
Southwest	241	4%	67	4%
Southside	165	2%	39	3%
Eastern	108	2%	29	2%
Virginia Border State/D.C.	45	1%	43	3%
Other U.S. State	52	1%	70	5%
Outside of the U.S.	2	0%	2	0%
<b>Total</b>	<b>6,847</b>	<b>100%</b>	<b>1,517</b>	<b>100%</b>
Item Missing	927		19	

Source: Va. Healthcare Workforce Data Center



While one out of every five PTs currently have multiple work locations, 22% have had multiple work locations over the past year.

Number of Work Locations				
Locations	Work Locations in 2020		Work Locations Now*	
	#	%	#	%
0	106	2%	244	4%
1	5,316	77%	5,304	76%
2	928	13%	912	13%
3	453	7%	400	6%
4	66	1%	39	1%
5	17	0%	10	0%
6 or More	67	1%	44	1%
<b>Total</b>	<b>6,953</b>	<b>100%</b>	<b>6,953</b>	<b>100%</b>

\*At the time of survey completion, December 2020.

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Sector	Location Sector			
	Primary Location		Secondary Location	
	#	%	#	%
<b>For-Profit</b>	4,073	62%	1,066	74%
<b>Non-Profit</b>	2,095	32%	309	21%
<b>State/Local Government</b>	298	5%	61	4%
<b>Veterans Administration</b>	56	1%	0	0%
<b>U.S. Military</b>	64	1%	10	1%
<b>Other Federal Gov't</b>	11	0%	3	0%
<b>Total</b>	<b>6,597</b>	<b>100%</b>	<b>1,449</b>	<b>100%</b>
<b>Did Not Have Location</b>	131		6,368	
<b>Item Missing</b>	1,175		85	

Source: Va. Healthcare Workforce Data Center

## At a Glance: (Primary Locations)

**Sector**

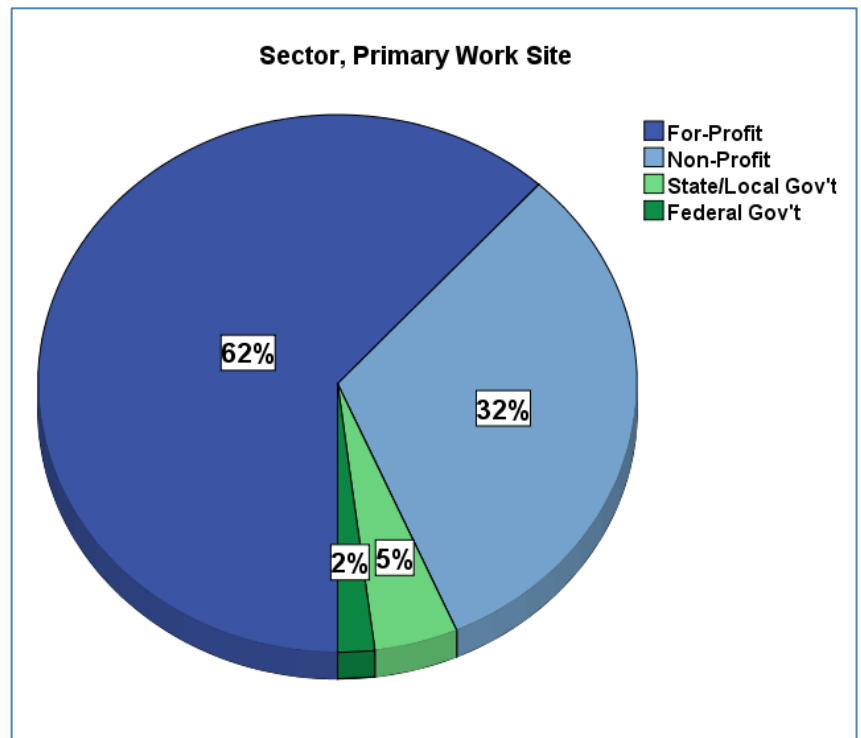
For-Profit:	62%
Federal:	2%

**Top Establishments**

Group Private Practice:	18%
Rehabilitation Facility:	15%
Home Health Care:	13%

Source: Va. Healthcare Workforce Data Center

More than 90% of all PTs work in the private sector, including 62% who work in for-profit establishments. Another 5% of PTs work for either state or local governments.



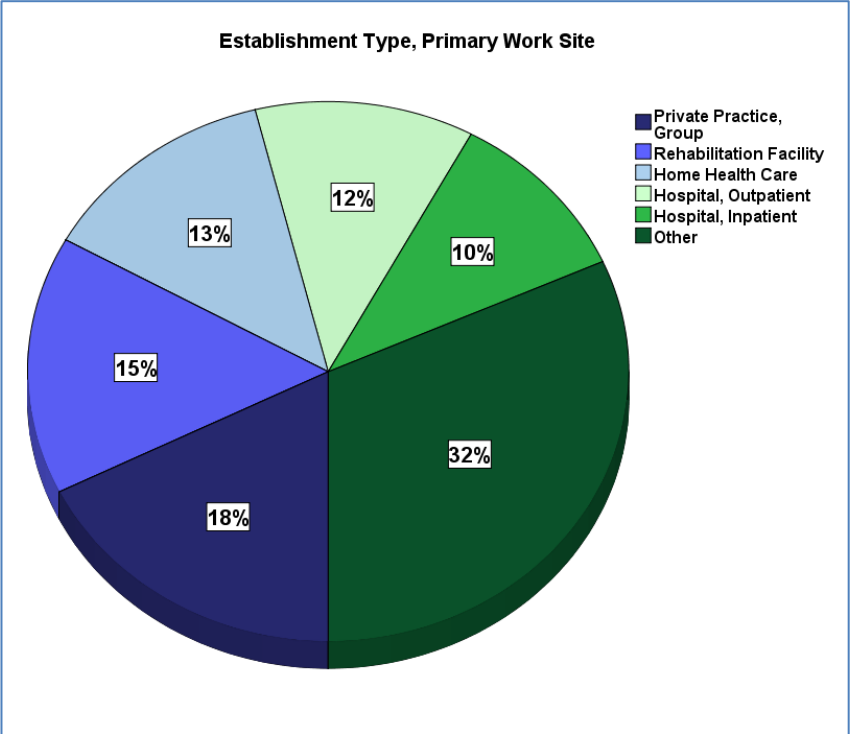
Source: Va. Healthcare Workforce Data Center

Location Type				
Establishment Type	Primary Location		Secondary Location	
	#	%	#	%
Private Practice, Group	1,135	18%	169	12%
Rehabilitation Facility, Outpatient Clinic	994	15%	139	10%
Home Health Care	834	13%	261	19%
General Hospital, Outpatient Department	759	12%	73	5%
General Hospital, Inpatient Department	670	10%	170	12%
Private Practice, Solo	470	7%	114	8%
Skilled Nursing Facility	396	6%	142	10%
Rehabilitation Facility, Residential/Inpatient	251	4%	76	5%
Academic Institution	169	3%	76	5%
Physician Office	152	2%	12	1%
Assisted Living or Continuing Care Facility	143	2%	38	3%
K-12 School System	140	2%	19	1%
Other	317	5%	119	8%
<b>Total</b>	<b>6,430</b>	<b>100%</b>	<b>1,408</b>	<b>100%</b>
<b>Did Not Have a Location</b>	131		6,368	

Nearly half of all PTs work in group private practices, outpatient rehabilitation facilities, and home health care establishments as their primary work location.

Source: Va. Healthcare Workforce Data Center

Among those PTs who also have a secondary work location, more than 40% work in home health care establishments, the inpatient department of hospitals, and group private practices.



Source: Va. Healthcare Workforce Data Center

## At a Glance: (Primary Locations)

### A Typical PT's Time

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

### Roles

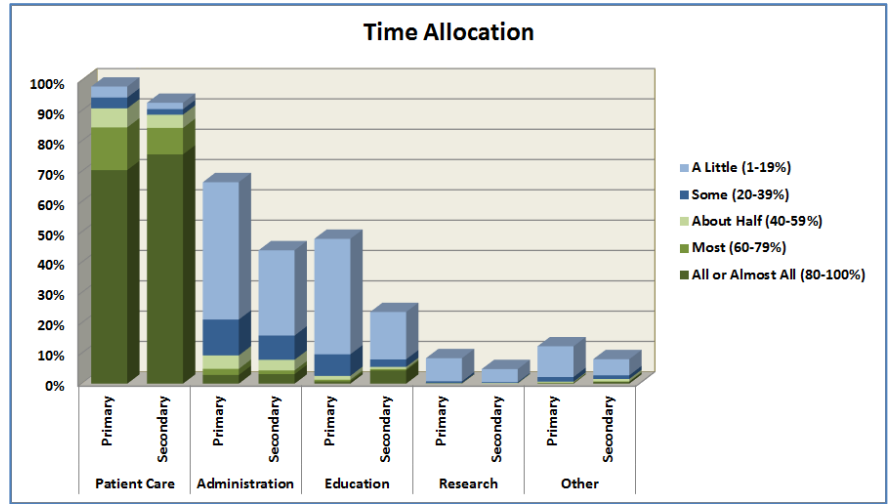
Patient Care: 85%  
Administration: 5%  
Education: 1%

### Patient Care PTs

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

Source: Va. Healthcare Workforce Data Center

## A Closer Look:



Source: Va. Healthcare Workforce Data Center

*PTs spend most of their time performing patient care activities. In fact, 85% of all PTs 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
<b>All or Almost All (80-100%)</b>	70%	76%	3%	3%	1%	4%	0%	0%	0%	1%
<b>Most (60-79%)</b>	14%	9%	2%	1%	1%	0%	0%	0%	0%	0%
<b>About Half (40-59%)</b>	6%	4%	4%	3%	1%	1%	0%	0%	0%	1%
<b>Some (20-39%)</b>	4%	2%	12%	8%	7%	2%	1%	0%	2%	1%
<b>A Little (1-19%)</b>	4%	2%	45%	28%	38%	16%	8%	4%	10%	5%
<b>None (0%)</b>	2%	7%	34%	56%	52%	76%	92%	95%	88%	92%

Source: Va. Healthcare Workforce Data Center

**A Closer Look:**

Retirement Expectations				
Expected Retirement Age	All PTs		PTs 50 and Over	
	#	%	#	%
<b>Under Age 50</b>	243	4%	-	-
<b>50 to 54</b>	351	6%	12	1%
<b>55 to 59</b>	843	13%	115	7%
<b>60 to 64</b>	1,903	30%	434	28%
<b>65 to 69</b>	2,035	32%	608	39%
<b>70 to 74</b>	509	8%	239	15%
<b>75 to 79</b>	128	2%	49	3%
<b>80 or Over</b>	51	1%	14	1%
<b>I Do Not Intend to Retire</b>	274	4%	88	6%
<b>Total</b>	<b>6,337</b>	<b>100%</b>	<b>1,559</b>	<b>100%</b>

Source: Va. Healthcare Workforce Data Center

**At a Glance:**

Retirement Expectations

**All PTs**

Under 65: 53%

Under 60: 23%

**PTs 50 and Over**

Under 65: 36%

Under 60: 8%

Time Until Retirement

Within 2 Years: 4%

Within 10 Years: 15%

Half the Workforce: By 2050

Source: Va. Healthcare Workforce Data Center

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

*Within the next two years, 25% of PTs expect to pursue additional educational opportunities, and 11% expect to increase their patient care hours.*

**Future Plans**

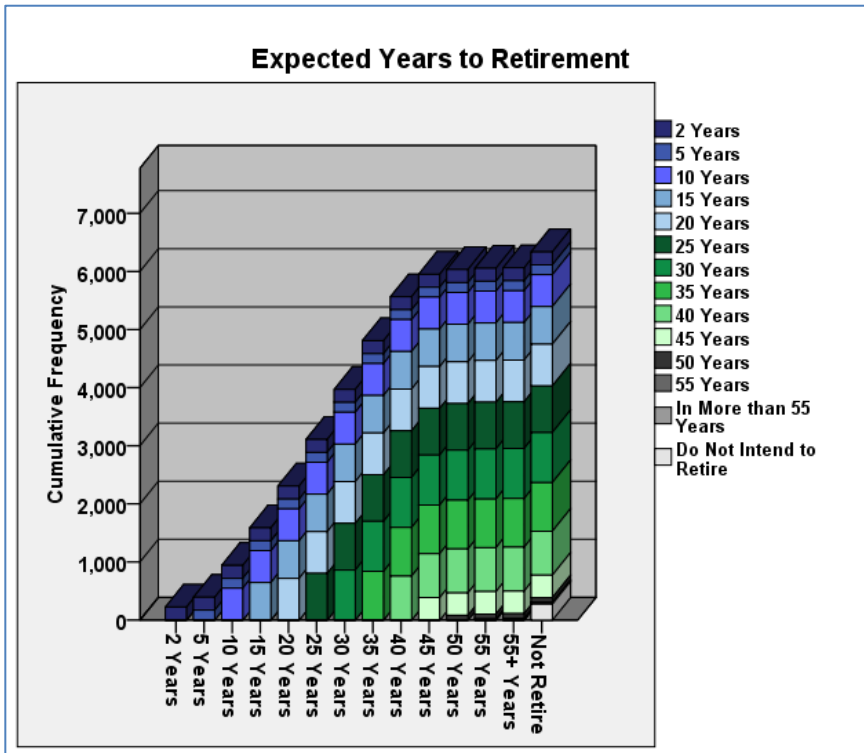
Two-Year Plans:	#	%
<b>Decrease Participation</b>		
<b>Decrease Patient Care Hours</b>	873	11%
<b>Leave Virginia</b>	341	4%
<b>Leave Profession</b>	132	2%
<b>Decrease Teaching Hours</b>	29	0%
<b>Increase Participation</b>		
<b>Pursue Additional Education</b>	1,956	25%
<b>Increase Patient Care Hours</b>	881	11%
<b>Increase Teaching Hours</b>	760	10%
<b>Certify for Direct Access</b>	565	7%
<b>Return to Virginia's Workforce</b>	73	1%

Source: Va. Healthcare Workforce Data Center

By comparing retirement expectations to age, we can estimate the maximum years to retirement for PTs. While only 4% of PTs expect to retire in the next two years, 15% expect to retire within the next decade. More than half of the current workforce expect to retire by 2050.

Time to Retirement			
Expect to Retire Within . . .	#	%	Cumulative %
2 Years	223	4%	4%
5 Years	170	3%	6%
10 Years	548	9%	15%
15 Years	647	10%	25%
20 Years	719	11%	36%
25 Years	803	13%	49%
30 Years	861	14%	63%
35 Years	838	13%	76%
40 Years	756	12%	88%
45 Years	387	6%	94%
50 Years	81	1%	95%
55 Years	23	0%	96%
In More than 55 Years	8	0%	96%
Do Not Intend to Retire	274	4%	100%
<b>Total</b>	<b>6,337</b>	<b>100%</b>	

Source: Va. Healthcare Workforce Data Center



Using these estimates, retirement will begin to reach 10% of the current workforce every five years by 2035. Retirement will peak at 14% of the current workforce in 2050 before declining to under 10% of the current workforce again around 2065.

Source: Va. Healthcare Workforce Data Center

## At a Glance:

### FTEs

Total: 6,449  
 FTEs/1,000 Residents<sup>2</sup>: 0.756  
 Average: 0.83

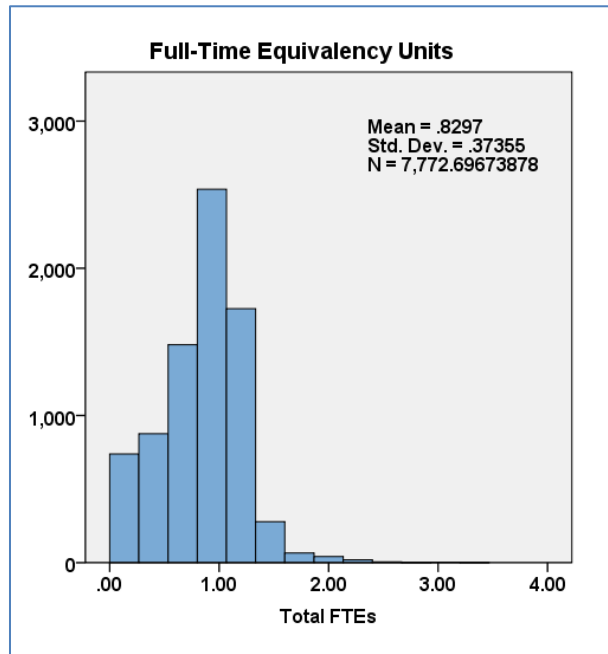
### Age & Gender Effect

Age, *Partial Eta*<sup>2</sup>: Small  
 Gender, *Partial Eta*<sup>2</sup>: Small

*Partial Eta*<sup>2</sup> Explained:  
*Partial Eta*<sup>2</sup> is a statistical  
 measure of effect size.

Source: Va. Healthcare Workforce Data Center

## A Closer Look:

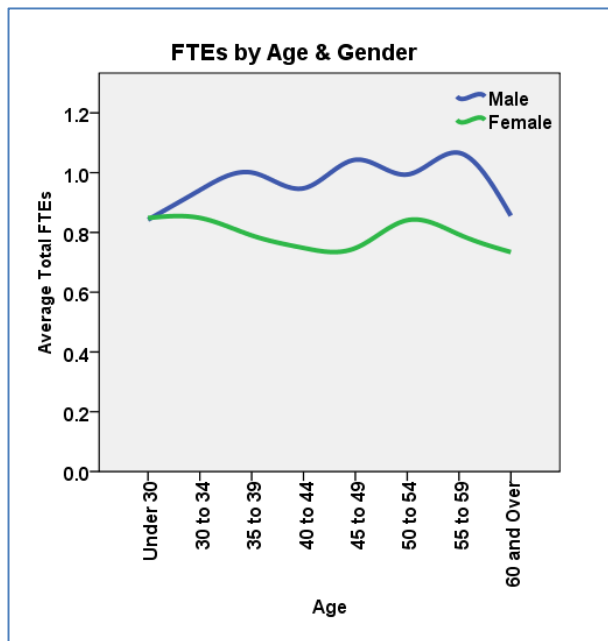


Source: Va. Healthcare Workforce Data Center

The typical PT provided 0.88 FTEs in 2020, or approximately 35 hours per week for 50 weeks. Although FTEs appear to vary by age and gender, statistical tests did not verify that a difference exists.<sup>3</sup>

Full-Time Equivalency Units		
Age	Average	Median
<b>Age</b>		
Under 30	0.84	0.96
30 to 34	0.87	0.96
35 to 39	0.85	0.88
40 to 44	0.78	0.80
45 to 49	0.80	0.80
50 to 54	0.87	0.84
55 to 59	0.86	0.87
60 and Over	0.74	0.67
<b>Gender</b>		
Male	0.95	1.03
Female	0.80	0.88

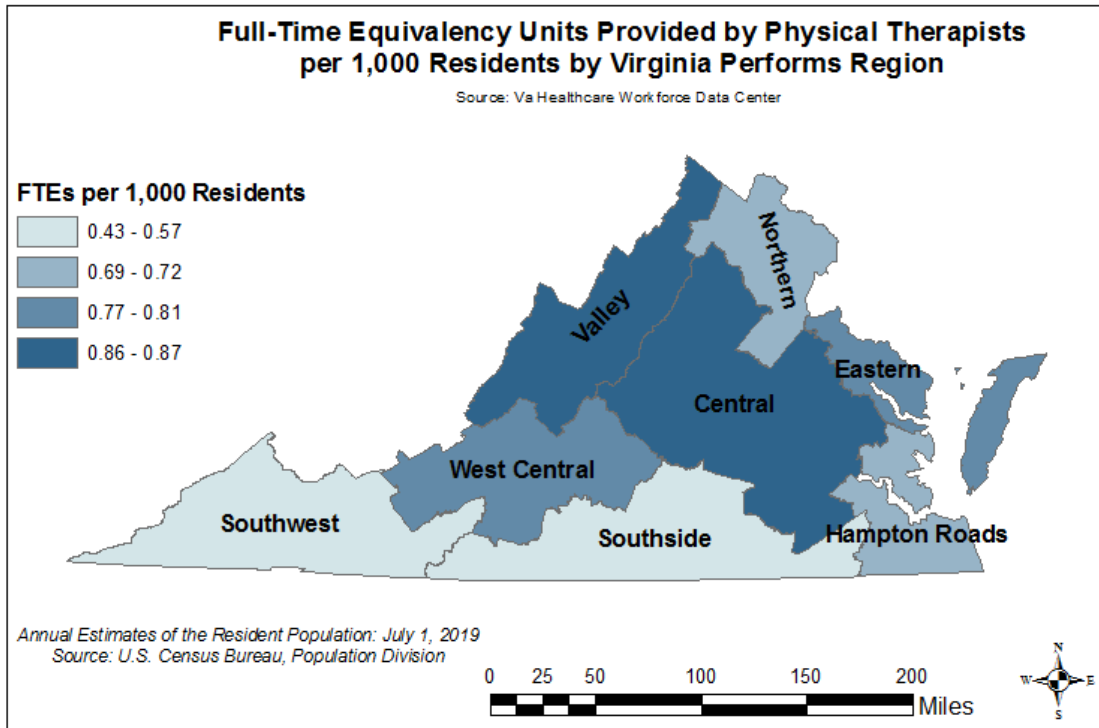
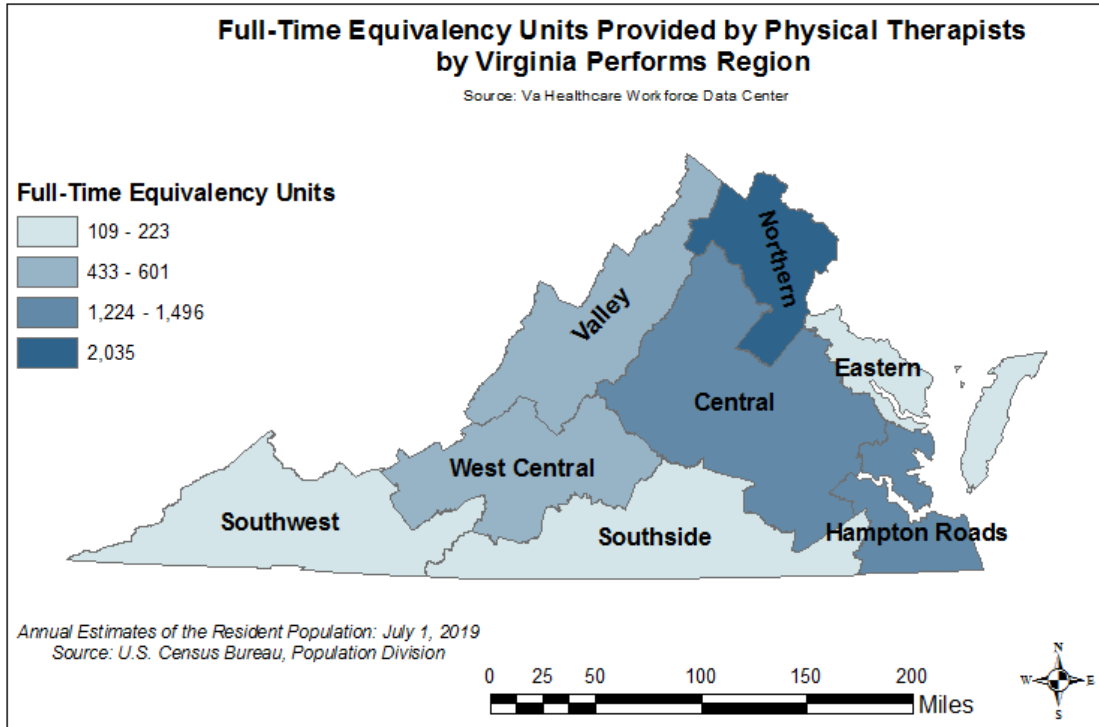
Source: Va. Healthcare Workforce Data Center



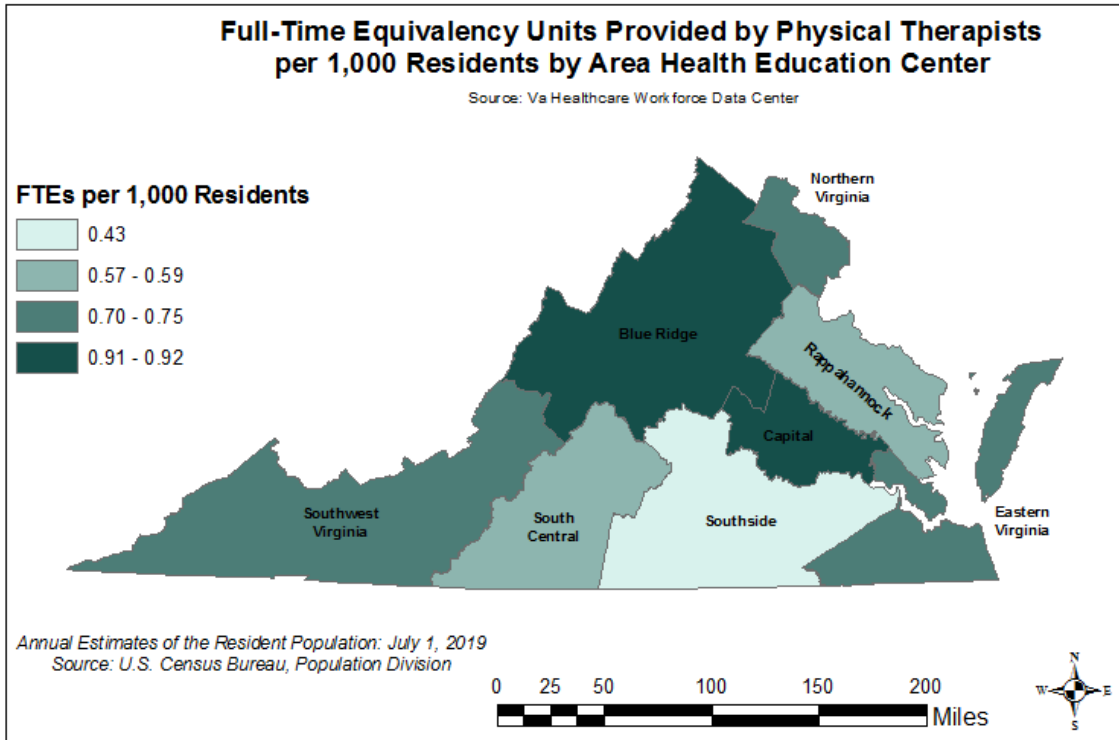
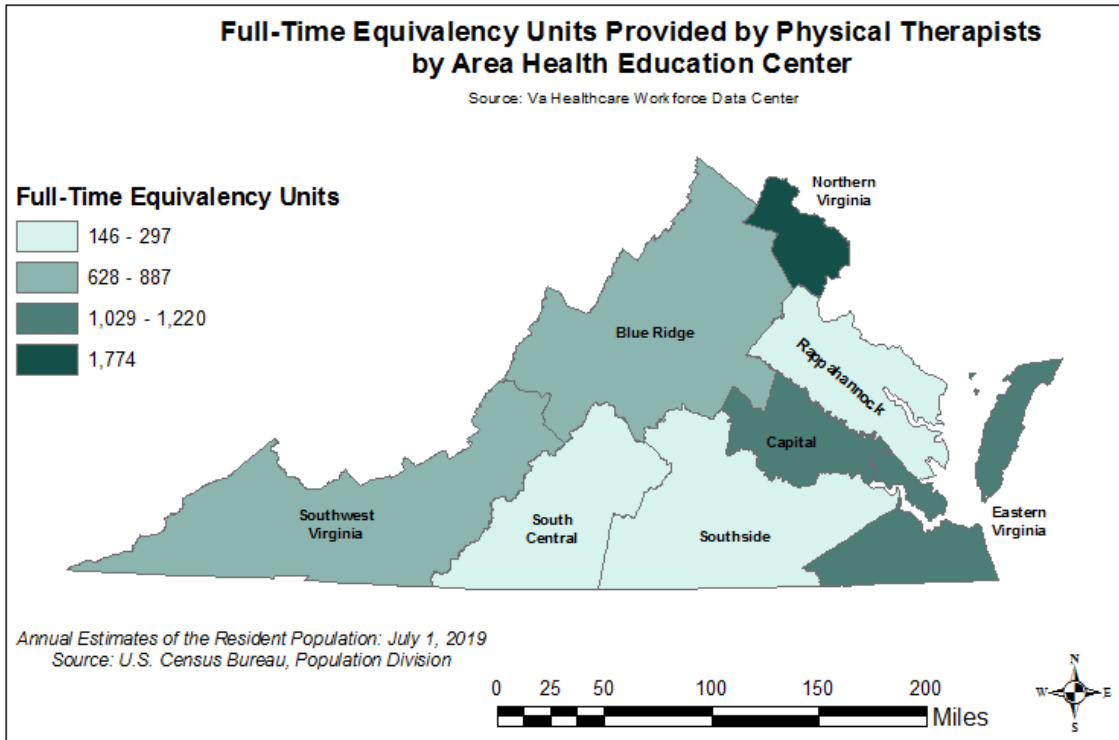
Source: Va. Healthcare Workforce Data Center

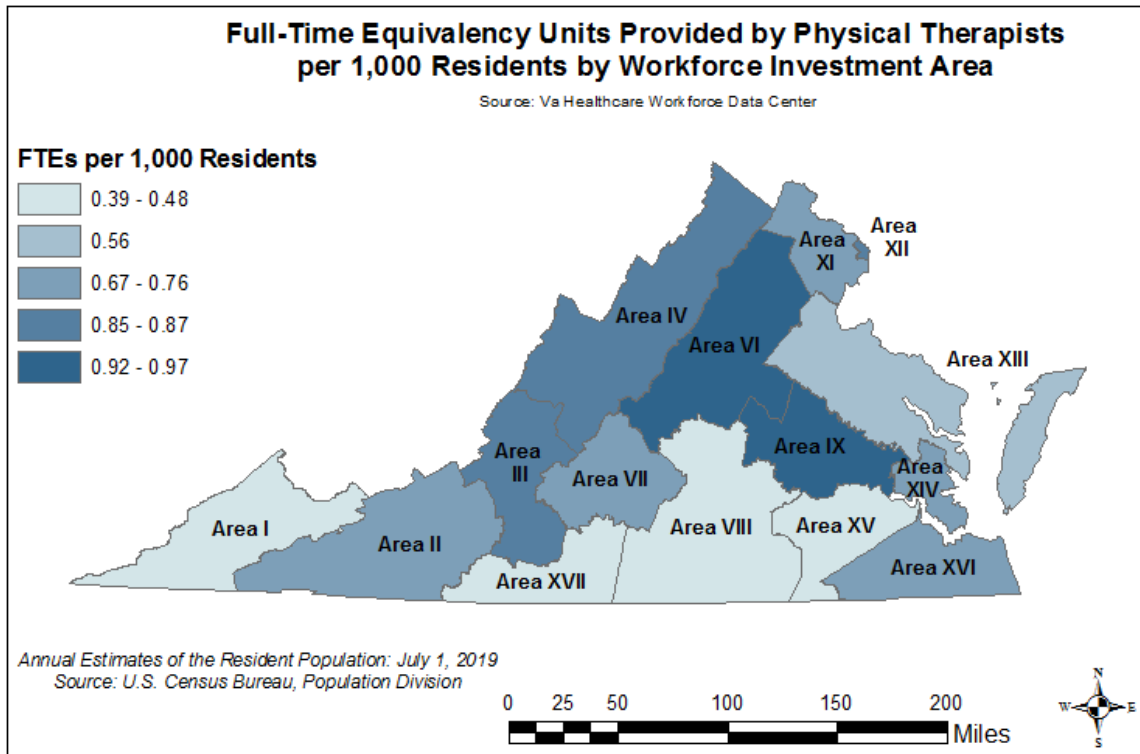
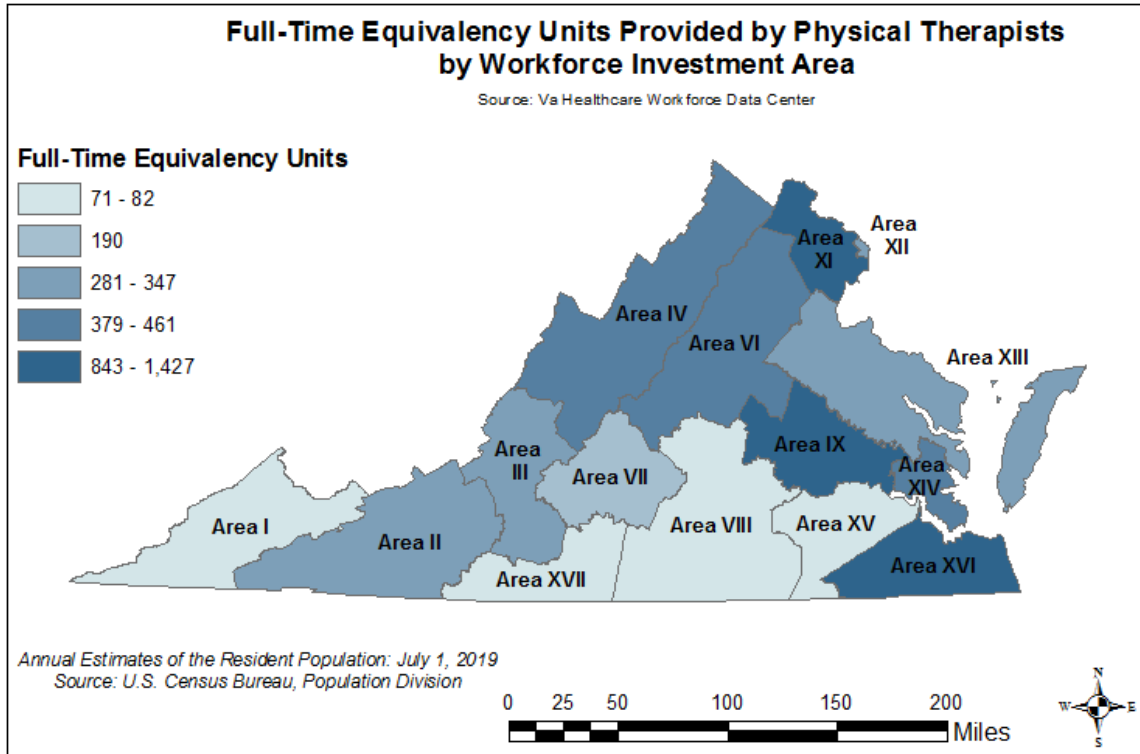
<sup>2</sup> Number of residents in 2019 was used as the denominator.

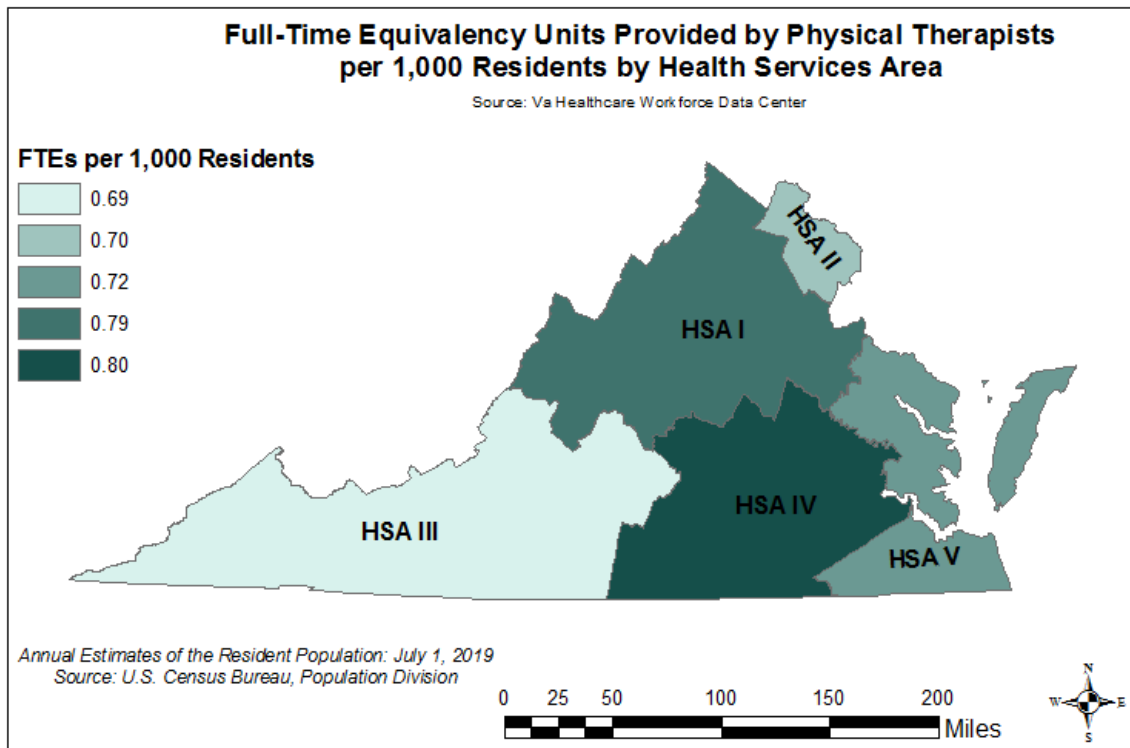
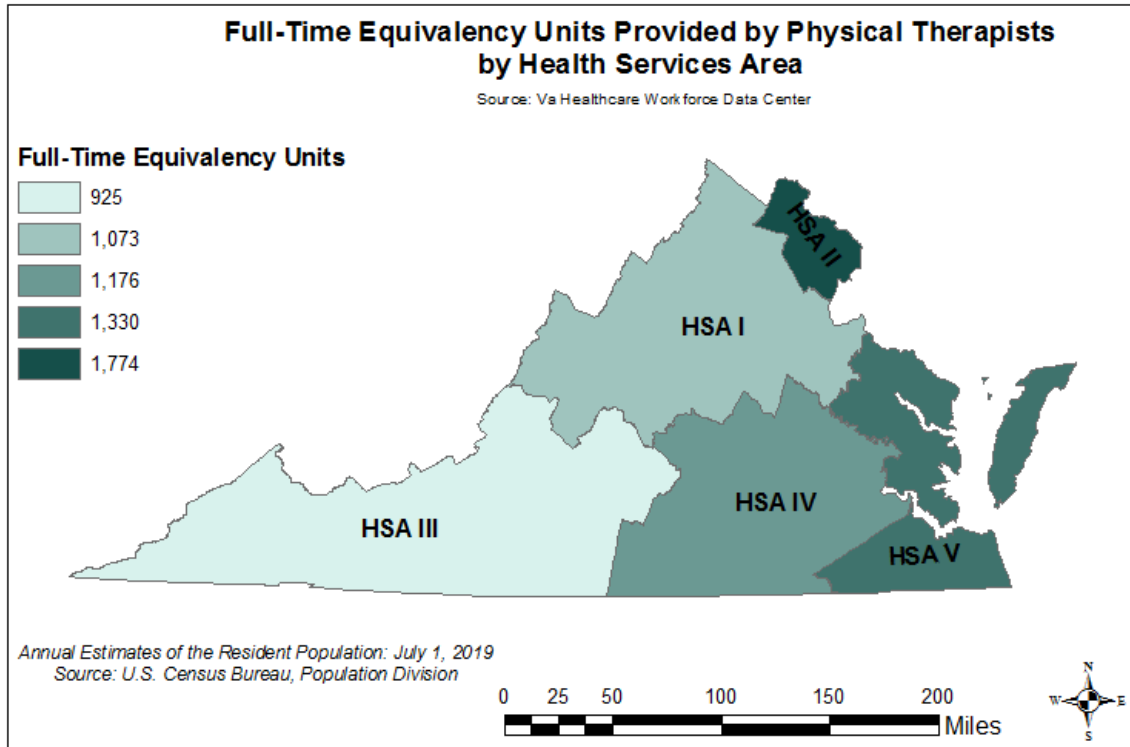
<sup>3</sup> Due to assumption violations in Mixed between-within ANOVA (Levene's Test and Interaction effect were significant).

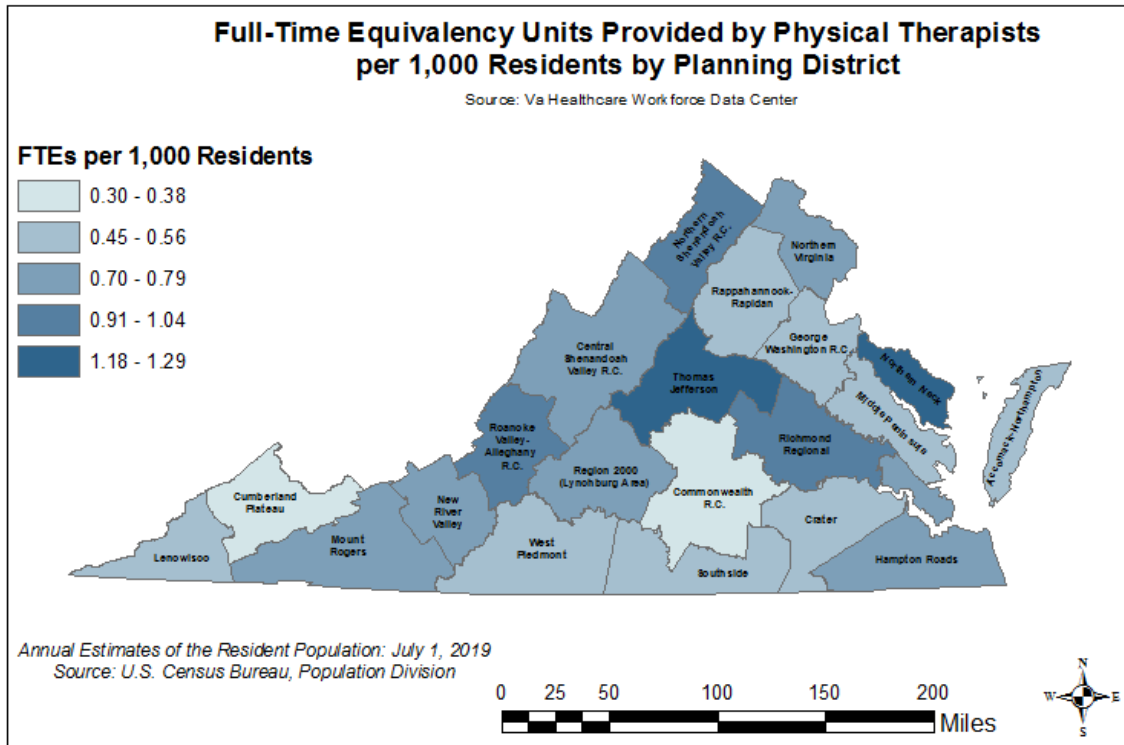
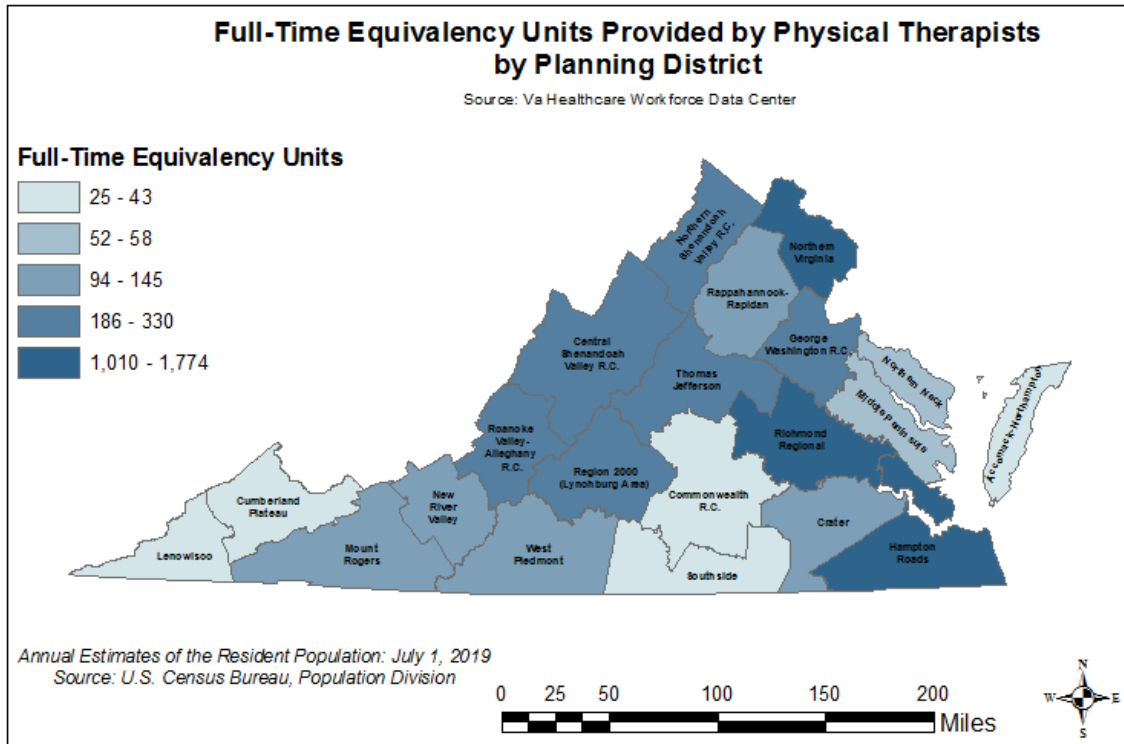












## Appendices

### Weights

Rural Status	Location Weight			Total Weight	
	#	Rate	Weight	Min.	Max.
<b>Metro, 1 Million+</b>	4,878	88.81%	1.126	0.998	1.489
<b>Metro, 250,000 to 1 Million</b>	613	86.95%	1.150	1.019	1.521
<b>Metro, 250,000 or Less</b>	844	87.56%	1.142	1.012	1.510
<b>Urban, Pop. 20,000+, Metro Adj.</b>	87	89.66%	1.115	0.988	1.475
<b>Urban, Pop. 20,000+, Non-Adj.</b>	0	NA	NA	NA	NA
<b>Urban, Pop. 2,500-19,999, Metro Adj.</b>	221	86.88%	1.151	1.020	1.522
<b>Urban, Pop. 2,500-19,999, Non-Adj.</b>	108	90.74%	1.102	0.976	1.457
<b>Rural, Metro Adj.</b>	130	77.69%	1.287	1.140	1.702
<b>Rural, Non-Adj.</b>	68	85.29%	1.172	1.039	1.550
<b>Virginia Border State/D.C.</b>	947	67.16%	1.489	1.319	1.969
<b>Other U.S. State</b>	1,622	67.76%	1.476	1.308	1.952

Source: Va. Healthcare Workforce Data Center

Age	Age Weight			Total Weight	
	#	Rate	Weight	Min.	Max.
<b>Under 30</b>	1,637	62.49%	1.600	1.457	1.969
<b>30 to 34</b>	1,857	79.64%	1.256	1.144	1.545
<b>35 to 39</b>	1,339	87.23%	1.146	1.044	1.411
<b>40 to 44</b>	1,104	90.31%	1.107	1.009	1.363
<b>45 to 49</b>	1,012	93.28%	1.072	0.976	1.319
<b>50 to 54</b>	861	91.99%	1.087	0.990	1.338
<b>55 to 59</b>	732	90.44%	1.106	1.007	1.361
<b>60 and Over</b>	976	82.07%	1.218	1.110	1.499

Source: Va. Healthcare Workforce Data Center

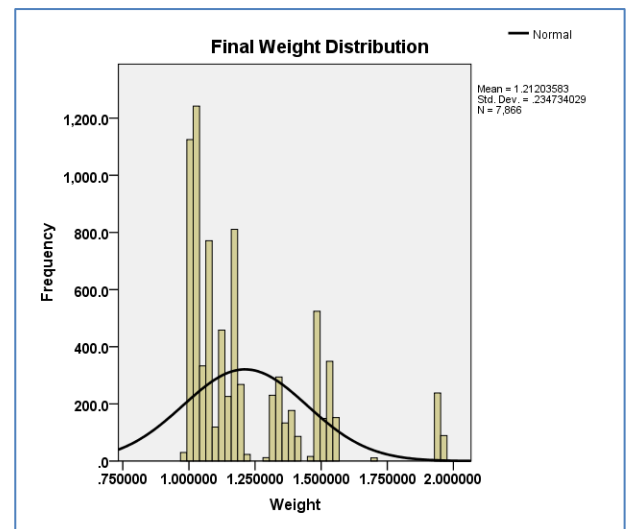
See the Methods section on the HWDC website for details on HWDC methods:

<https://www.dhp.virginia.gov/PublicResources/HealthcareWorkforceDataCenter/>

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

Age Weight x Rural Weight x Response Rate =  
Final Weight.

**Overall Response Rate: 0.826434**



Source: Va. Healthcare Workforce Data Center