
Virginia's Physical Therapist Assistant Workforce: 2018

Healthcare Workforce Data Center

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More than 3,000 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 PTA Workforce At a Glance:

The Workforce

Licensees:	3,730
Virginia's Workforce:	3,387
FTEs:	2,802

Background

Rural Childhood:	45%
HS Degree in VA:	63%
Prof. Degree in VA:	76%

Current Employment

Employed in Prof.:	96%
Hold 1 Full-Time Job:	64%
Satisfied?:	97%

Survey Response Rate

All Licensees:	83%
Renewing Practitioners:	98%

Education

Associate:	97%
Bachelors:	2%

Job Turnover

Switched Jobs in 2018:	9%
Employed Over 2 Yrs:	56%

Demographics

% Female:	76%
Diversity Index:	32%
Median Age:	40

Finances

Median Inc.:	\$50k-\$60k
Health Benefits:	58%
Under 40 w/ Ed Debt:	58%

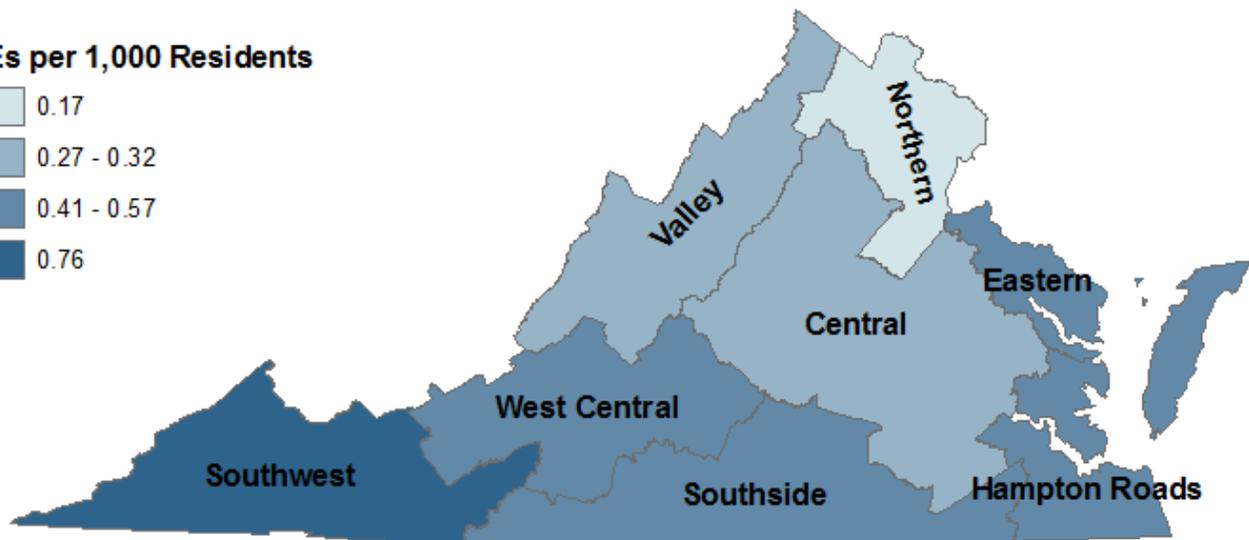
Primary Roles

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

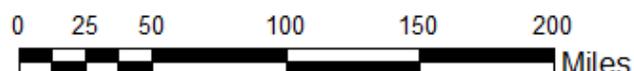
Full Time Equivalency Units Provided by Physical Therapist Assistants per 1,000 Residents by Virginia Performs Region

Source: Va Healthcare Work force Data Center

FTEs per 1,000 Residents



Annual Estimates of the Resident Population: July 1, 2017
Source: U.S. Census Bureau, Population Division



Results in Brief

More than 3,000 physical therapist assistants (PTAs) voluntarily took part in the 2018 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 survey respondents represent 83% of the 3,730 PTAs who are licensed in the state and 98% of renewing practitioners.

The HWDC estimates that 3,387 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 2,802 "full-time equivalency units" during the survey time period, which the HWDC defines simply as working 2,000 hours.

More than three-quarters of all PTAs are female, and the median age of this workforce is 40. In a random encounter between two PTAs, there is a 32% chance that they would be of different races or ethnicities, a measure known as the diversity index. For Virginia's population as a whole, this same probability is 56%. Among those PTAs who are under the age of 40, the diversity index increases to 37%. More than 40% of all PTAs grew up in a rural area, and more than one-third of these professionals currently work in non-metro areas of the state. Overall, 19% of PTAs work in non-metro areas of Virginia. Meanwhile, 63% of PTAs went to high school in Virginia, and 76% of PTAs also received their initial professional degree in the state.

Nearly 40% of PTAs currently have education debt, including 58% of those PTAs who are under the age of 40. Among PTAs with education debt, the median debt amount is between \$20,000 and \$22,000. At the same time, the typical PTA earns between \$50,000 and \$60,000 per year. In addition, 80% of PTAs receive at least one employer-sponsored benefit, including 58% who have access to a health insurance plan. Nearly two-thirds of all PTAs hold one full-time job, and 45% work between 40 and 49 hours per week. Nearly one-quarter of PTAs work in skilled nursing facilities, while another 22% are employed at home health care establishments. Meanwhile, 1% of PTAs have been involuntarily unemployed at some point in the past year, and 5% have been underemployed.

Summary of Trends

Since 2014, the number of licensed PTAs in Virginia has increased by 23% (3,730 vs. 3,025). In addition, the response rate among these licensees has also increased (83% vs. 76%). At the same time, the size of Virginia's PTA workforce has increased by 26% (3,387 vs. 2,695). This workforce has increased the number of FTEs provided in the state by 24% (2,802 vs. 2,264).

Over the past five years, the percentage of Virginia's PTA workforce that is female has declined (76% vs. 79%). In addition, Virginia's PTAs have become younger as the median age of this workforce has fallen (40 vs. 42). This workforce has also become more diverse given its higher diversity index (32% vs. 29%). The diversity index among those PTAs who are under the age of 40 has also increased (37% vs. 33%).

Virginia's PTAs are more likely to carry education debt (39% vs. 35%), and the median debt amount that is carried by these professionals has also increased (\$20,000-\$22,000 vs. \$18,000-\$20,000). Although there has been no change in the median annual income of Virginia's PTAs, they are slightly more likely to receive at least one employer-sponsored benefit (80% vs. 79%). This includes those PTAs who have access to a retirement plan (59% vs. 54%) and health insurance (58% vs. 56%).

The employment picture of Virginia's PTAs has also improved somewhat since 2014. Involuntary unemployment has declined (1% vs. 3%) as well as the rate of underemployment (5% vs. 6%). On the other hand, relatively fewer PTAs hold one full-time job (64% vs. 65%) and fewer PTAs work between 40 and 49 hours per week (45% vs. 47%). Although a majority of PTAs still work in skilled nursing facilities, their percentage has fallen since 2014 (24% vs. 27%). Instead, more PTAs work in either home health care establishments (22% vs. 19%) or outpatient rehabilitation facilities (19% vs. 15%).

A Closer Look:

Licensees		
License Status	#	%
Renewing Practitioners	3,071	82%
New Licensees	306	8%
Non-Renewals	353	9%
All Licensees	3,730	100%

Source: Va. Healthcare Workforce Data Center

Definitions

- 1. The Survey Period:** The survey was conducted in December 2018.
- 2. Target Population:** All PTAs who held a Virginia license at some point in 2018.
- 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 2018.

HWDC surveys tend to achieve very high response rates. Nearly all renewing PTAs submitted a survey. These represent 83% of PTAs who held a license at some point in 2018.

Response Rates

Completed Surveys	3,090
Response Rate, All Licensees	83%
Response Rate, Renewals	98%

Source: Va. Healthcare Workforce Data Center

Response Rates

Statistic	Response Rates		Response Rate
	Non Respondents	Respondent	
By Age			
Under 30	207	480	70%
30 to 34	116	538	82%
35 to 39	70	408	85%
40 to 44	41	380	90%
45 to 49	52	454	90%
50 to 54	43	309	88%
55 to 59	33	281	90%
60 and Over	78	240	76%
Total	640	3,090	83%
New Licenses			
Issued in 2018	218	88	29%
Metro Status			
Non-Metro	62	498	89%
Metro	373	2,196	86%
Not in Virginia	205	396	66%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Licensed PTAs

Number: 3,730
 New: 8%
 Not Renewed: 9%

Response Rates

All Licensees: 83%
 Renewing Practitioners: 98%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Workforce

2018 PTA Workforce: 3,387
 FTEs: 2,802

Utilization Ratios

Licensees in VA Workforce: 91%
 Licensees per FTE: 1.33
 Workers per FTE: 1.21

Source: Va. Healthcare Workforce Data Center

Definitions

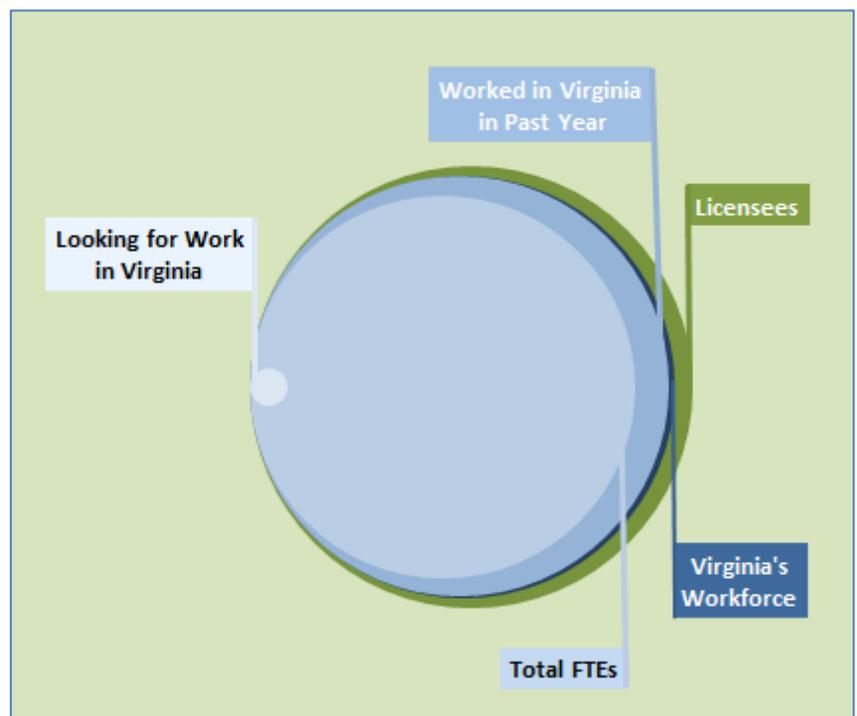
- 1. Virginia’s Workforce:** A licensee with a primary or secondary work site in Virginia at any time in the past year or who indicated intent to return to Virginia’s workforce at any point in the future.
- 2. Full Time Equivalency Unit (FTE):** The HWDC uses 2,000 (40 hours for 50 weeks) as its baseline 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	3,359	99%
Looking for Work in Virginia	27	1%
Virginia's Workforce	3,387	100%
Total FTEs	2,802	
Licensees	3,730	

Source: Va. Healthcare Workforce Data Center

This report uses weighting to estimate the figures in this report. Unless otherwise noted, figures refer to the Virginia Workforce only. For more information on HWDC’s methodology visit:

www.dhp.virginia.gov/hwdc



Source: Va. Healthcare Workforce Data Center

A Closer Look:

Age & Gender						
Age	Male		Female		Total	
	#	% Male	#	% Female	#	% in Age Group
Under 30	151	25%	463	75%	614	20%
30 to 34	161	29%	400	71%	561	18%
35 to 39	109	26%	313	74%	422	13%
40 to 44	76	21%	282	79%	358	11%
45 to 49	93	23%	318	77%	411	13%
50 to 54	52	19%	225	81%	277	9%
55 to 59	49	20%	199	80%	248	8%
60 +	57	24%	179	76%	236	8%
Total	748	24%	2,378	76%	3,126	100%

Source: Va. Healthcare Workforce Data Center

Race & Ethnicity					
Race/ Ethnicity	Virginia*	PTAs		PTAs Under 40	
	%	#	%	#	%
White	62%	2,570	82%	1,262	79%
Black	19%	228	7%	138	9%
Asian	6%	99	3%	56	3%
Other Race	0%	28	1%	13	1%
Two or More Races	3%	85	3%	56	3%
Hispanic	9%	131	4%	81	5%
Total	100%	3,142	100%	1,605	100%

*Population data in this chart is from the US Census, Annual Estimates of the Resident Population by Sex, Race, and Hispanic Origin for the United States, States, and Counties: July 1, 2017.

Source: Va. Healthcare Workforce Data Center

At a Glance:

Gender

% Female: 76%
% Under 40 Female: 74%

Age

Median Age: 40
% Under 40: 51%
% 55+: 15%

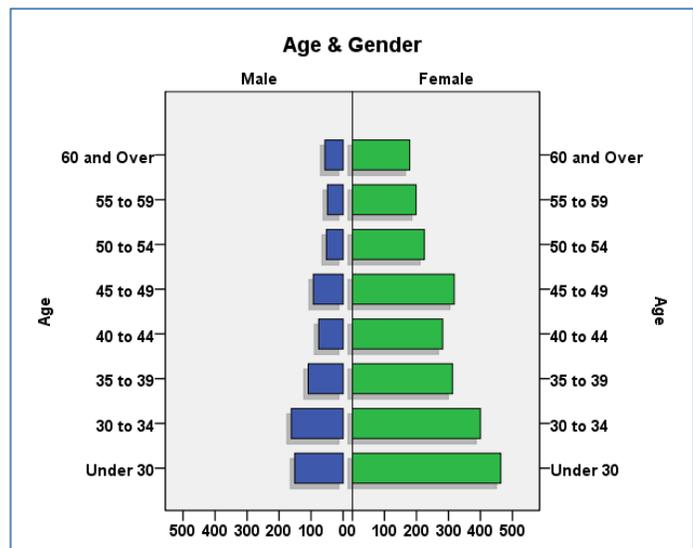
Diversity

Diversity Index: 32%
Under 40 Div. Index: 37%

Source: Va. Healthcare Workforce Data Center

In a chance encounter between two PTAs, there is a 32% chance that they would be of a different race/ethnicity (a measure known as the diversity index). For Virginia's population as a whole, the comparable number is 56%.

More than half of all PTAs are under the age of 40, and 74% of these professionals are female. In addition, the diversity index among these professionals is 37%.



Source: Va. Healthcare Workforce Data Center

At a Glance:

Childhood

Urban Childhood: 11%
 Rural Childhood: 45%

Virginia Background

HS in Virginia: 63%
 Prof. Education in VA: 76%
 HS/Prof. Edu. in VA: 80%

Location Choice

% Rural to Non-Metro: 34%
 % Urban/Suburban to Non-Metro: 8%

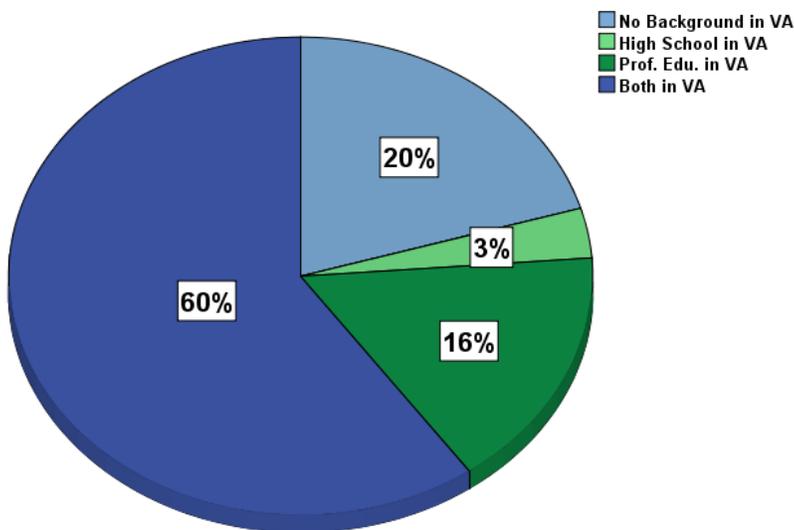
Source: Va. Healthcare Workforce Data Center

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+	28%	58%	14%
2	Metro, 250,000 to 1 Million	56%	34%	9%
3	Metro, 250,000 or Less	59%	33%	8%
Non-Metro Counties				
4	Urban Pop 20,000+, Metro Adjacent	82%	10%	9%
6	Urban Pop, 2,500-19,999, Metro Adjacent	76%	18%	6%
7	Urban Pop, 2,500-19,999, Non-Adjacent	91%	7%	2%
8	Rural, Metro Adjacent	60%	34%	6%
9	Rural, Non-Adjacent	69%	24%	7%
Overall		45%	44%	11%

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. Overall, 19% of Virginia's PTA workforce work in non-metro counties of the state.

Top Ten States for PTA Recruitment

Rank	All PTAs			
	High School	#	PTA School	#
1	Virginia	1,984	Virginia	2,317
2	Pennsylvania	131	West Virginia	79
3	Outside U.S./Canada	119	Pennsylvania	73
4	New York	110	New York	68
5	West Virginia	90	North Carolina	58
6	North Carolina	72	Maryland	49
7	Maryland	63	Ohio	44
8	Ohio	56	Florida	44
9	New Jersey	44	Kentucky	26
10	Florida	43	Tennessee	26

Nearly two-thirds of PTAs received their high school degree in Virginia, while 76% received their initial professional degree in the state.

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 74% received their initial professional degree in the state.

Rank	Licensed in the Past 5 Years			
	High School	#	PTA School	#
1	Virginia	714	Virginia	816
2	Outside U.S./Canada	46	West Virginia	41
3	West Virginia	36	Maryland	22
4	Pennsylvania	28	Pennsylvania	21
5	Maryland	27	Florida	19
6	New York	25	Ohio	17
7	North Carolina	23	North Carolina	16
8	Ohio	22	New York	14
9	California	17	Kentucky	12
10	Florida	17	Tennessee	11

Source: Va. Healthcare Workforce Data Center

Nearly 10% of licensed PTAs did not participate in Virginia's workforce in 2018. However, 91% of these PTAs worked at some point in the past year, including 85% who currently work as PTAs.

At a Glance:

Not in VA Workforce

Total:	342
% of Licensees:	9%
Federal/Military:	5%
VA Border State/DC:	15%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Education

Associate of Applied Sci.: 82%

Associate of Science: 15%

Educational Debt

Carry Debt: 39%

Under age 40 with Debt: 58%

Median Debt: \$20k-\$22k

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Highest Professional Degree		
Degree	#	%
Certificate	13	0%
Associate of Applied Science	2,581	82%
Associate of Science	464	15%
Baccalaureate	58	2%
Other	22	1%
Total	3,139	100%

Source: Va. Healthcare Workforce Data Center

Highest Non-Professional Degree		
Degree	#	%
Certificate	257	10%
Associate of Applied Science	691	26%
Associate of Science	231	9%
Baccalaureate	1,097	41%
Masters	112	4%
Doctorate/Professional	9	0%
Other	299	11%
Total	2,697	100%

Source: Va. Healthcare Workforce Data Center

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

Nearly 40% of PTAs currently have education debt, including 58% of those under the age of 40. For those PTAs with education debt, the median debt burden is between \$20,000 and \$22,000.

Amount Carried	All PTAs		PTAs Under 40	
	#	%	#	%
None	1,743	61%	618	42%
Less than \$4,000	111	4%	70	5%
\$4,000-\$7,999	101	4%	69	5%
\$8,000-\$11,999	139	5%	99	7%
\$12,000-\$15,999	77	3%	55	4%
\$16,000-\$19,999	86	3%	69	5%
\$20,000-\$23,999	113	4%	81	6%
\$24,000-\$27,999	92	3%	75	5%
\$28,000 or More	413	14%	327	22%
Total	2,875	100%	1,463	100%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Top Certifications

Geriatrics:	3%
Women's Health:	2%
At Least One Cert.:	6%

Top Credentials

Massage Therapy:	3%
Exercise Physiology:	2%
At Least One Cred.:	17%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

APTA Recognition of Advanced Proficiency Certificates		
Proficiency Area	#	%
Geriatrics	95	3%
Women's Health	80	2%
Neuromuscular	53	2%
Acute Care	27	1%
Education	26	1%
Aquatic	23	1%
Cardiovascular & Pulmonary	23	1%
Sports	11	0%
Pediatric	10	0%
Oncology	9	0%
At Least One Certification	191	6%

Source: Va. Healthcare Workforce Data Center

Credentials		
Proficiency Area	#	%
Massage Therapy	109	3%
Exercise Physiology	84	2%
Athletic Training	49	1%
Kinesiotherapy	31	1%
Nursing	22	1%
Medical Assistant	7	0%
Art/Dance Therapy	5	0%
Occupational Therapy	4	0%
Orthotic/Prosthetic Fitter	2	0%
Orthopedic Technician	2	0%
Credentials, Other	295	9%
At Least One Credential	572	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 message therapy is the most common credential.

At a Glance:

Employment

Employed in Profession: 96%
 Involuntarily Unemployed: <1%

Positions Held

1 Full-Time: 64%
 2 or More Positions: 18%

Weekly Hours

40 to 49: 45%
 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	3,011	96%
Employed, NOT in a Physical Therapy Related Capacity	52	2%
Not Working, Reason Unknown	0	0%
Involuntarily Unemployed	7	< 1%
Voluntarily Unemployed	51	2%
Retired	5	0%
Total	3,126	100%

Source: Va. Healthcare Workforce Data Center

More than 95% of licensed PTAs are currently employed in the profession. In addition, nearly two-thirds of all PTAs currently hold one full-time job, and 45% work between 40 and 49 hours per week.

Current Positions		
Positions	#	%
No Positions	63	2%
One Part-Time Position	492	16%
Two Part-Time Positions	133	4%
One Full-Time Position	1,992	64%
One Full-Time Position & One Part-Time Position	340	11%
Two Full-Time Positions	2	0%
More than Two Positions	73	2%
Total	3,095	100%

Source: Va. Healthcare Workforce Data Center

Current Weekly Hours		
Hours	#	%
0 Hours	63	2%
1 to 9 Hours	86	3%
10 to 19 Hours	142	5%
20 to 29 Hours	275	9%
30 to 39 Hours	960	31%
40 to 49 Hours	1,389	45%
50 to 59 Hours	90	3%
60 to 69 Hours	21	1%
70 to 79 Hours	16	1%
80 or More Hours	17	1%
Total	3,059	100%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Income		
Annual Earnings	#	%
Volunteer Work Only	12	0%
Less than \$10,000	66	3%
\$10,000-\$19,999	75	3%
\$20,000-\$29,999	111	4%
\$30,000-\$39,999	234	9%
\$40,000-\$49,999	607	23%
\$50,000-\$59,999	747	28%
\$60,000-\$69,999	434	17%
\$70,000-\$79,999	230	9%
\$80,000-\$89,999	83	3%
\$90,000-\$99,999	15	1%
\$100,000 or More	21	1%
Total	2,635	100%

Source: Va. Healthcare Workforce Data Center

At a Glance:

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

Benefits
Health Insurance: 58%
Retirement: 59%

Satisfaction
Satisfied: 97%
Very Satisfied: 69%

Source: Va. Healthcare Workforce Data Center

Job Satisfaction		
Level	#	%
Very Satisfied	2,120	69%
Somewhat Satisfied	846	28%
Somewhat Dissatisfied	70	2%
Very Dissatisfied	32	1%
Total	3,067	100%

Source: Va. Healthcare Workforce Data Center

The typical PTA earns between \$50,000 and \$60,000 per year. In addition, 80% 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	2,209	73%	76%
Retirement	1,788	59%	61%
Health Insurance	1,754	58%	60%
Dental Insurance	1,654	55%	57%
Paid Sick Leave	1,552	52%	54%
Group Life Insurance	1,117	37%	38%
Signing/Retention Bonus	164	5%	6%
At Least One Benefit	2,417	80%	83%

*From any employer at time of survey.

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Underemployment in Past Year		
In The Past Year Did You . . . ?	#	%
Experience Involuntary Unemployment?	50	1%
Experience Voluntary Unemployment?	156	5%
Work Part-Time or Temporary Positions, But Would Have Preferred a Full-Time/Permanent Position?	184	5%
Work Two or More Positions at the Same Time?	656	19%
Switch Employers or Practices?	300	9%
Experienced At Least One	1,064	31%

Source: Va. Healthcare Workforce Data Center

Only 1% of Virginia's PTAs experienced involuntary unemployment at some point in 2018. By comparison, Virginia's average monthly unemployment rate was 3.0%.¹

Location Tenure				
Tenure	Primary		Secondary	
	#	%	#	%
Not Currently Working At This Location	60	2%	68	8%
Less Than 6 Months	208	7%	139	16%
6 Months to 1 Year	278	9%	132	15%
1 to 2 Years	799	26%	192	22%
3 to 5 Years	701	23%	182	21%
6 to 10 Years	485	16%	91	10%
More Than 10 Years	515	17%	75	9%
Subtotal	3,047	100%	879	100%
Did Not Have Location	40		2,487	
Item Missing	300		21	
Total	3,387		3,387	

Source: Va. Healthcare Workforce Data Center

More than half of all PTAs have worked at their primary work location for more than two years.

Nearly three-quarters of all PTAs receive an hourly wage at their primary work location, while 17% receive a salary or commission.

At a Glance:

Unemployment Experience

Involuntarily Unemployed: 1%

Underemployed: 5%

Turnover & Tenure

Switched Jobs: 9%

New Location: 25%

Over 2 Years: 56%

Over 2 Yrs, 2nd Location: 40%

Employment Type

Hourly Wage: 74%

Salary/Commission: 17%

Source: Va. Healthcare Workforce Data Center

Employment Type		
Primary Work Site	#	%
Hourly Wage	1,883	74%
Salary/Commission	425	17%
By Contract	207	8%
Business/Practice Income	15	1%
Unpaid	7	0%
Subtotal	2,537	100%

Source: Va. Healthcare Workforce Data Center

¹ As reported by the US Bureau of Labor Statistics. The non-seasonally adjusted monthly unemployment rate fell from 3.7% in January 2018 to 2.6% in December 2018. The unemployment rate from December 2018 was still preliminary at the time of publication.

At a Glance:

Concentration

Top Region:	25%
Top 3 Regions:	59%
Lowest Region:	2%

Locations

2 or More (Past Year):	29%
2 or More (Now*):	27%

Source: Va. Healthcare Workforce Data Center

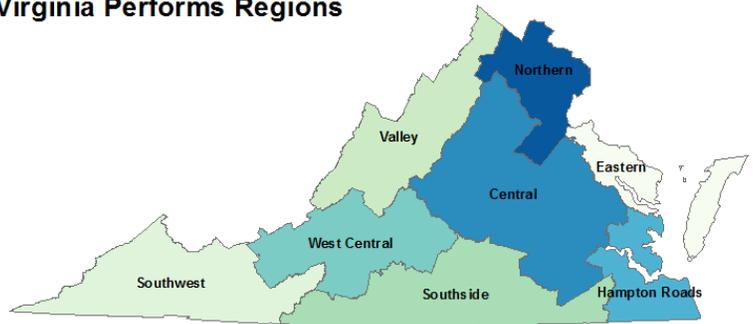
Nearly three out of every five PTAs work in either Hampton Roads, Northern Virginia, or Central Virginia.

A Closer Look:

Regional Distribution of Work Locations				
Virginia Performs Region	Primary Location		Secondary Location	
	#	%	#	%
Central	484	16%	144	16%
Eastern	70	2%	22	2%
Hampton Roads	757	25%	208	23%
Northern	558	18%	153	17%
Southside	180	6%	52	6%
Southwest	315	10%	97	11%
Valley	191	6%	51	6%
West Central	452	15%	131	15%
Virginia Border State/DC	12	0%	4	0%
Other US State	23	1%	26	3%
Outside of the US	0	0%	1	0%
Total	3,042	100%	889	100%
Item Missing	303		13	

Source: Va. Healthcare Workforce Data Center

Virginia Performs Regions



More than one-quarter of all PTAs currently have multiple work locations, and 29% have had multiple work locations over the past year.

Locations	Number of Work Locations			
	Work Locations in 2018		Work Locations Now*	
	#	%	#	%
0	27	1%	62	2%
1	2,139	70%	2,190	71%
2	468	15%	450	15%
3	297	10%	285	9%
4	53	2%	24	1%
5	29	1%	19	1%
6 or More	53	2%	37	1%
Total	3,066	100%	3,066	100%

*At the time of survey completion, December 2018.

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Sector	Location Sector			
	Primary Location		Secondary Location	
	#	%	#	%
For-Profit	2,130	72%	717	84%
Non-Profit	643	22%	94	11%
State/Local Government	109	4%	28	3%
Veterans Administration	16	1%	1	0%
U.S. Military	50	2%	11	1%
Other Federal Government	5	0%	3	0%
Total	2,953	100%	854	100%
Did Not Have Location	40		2,487	
Item Missing	394		45	

Source: Va. Healthcare Workforce Data Center

At a Glance: (Primary Locations)

Sector

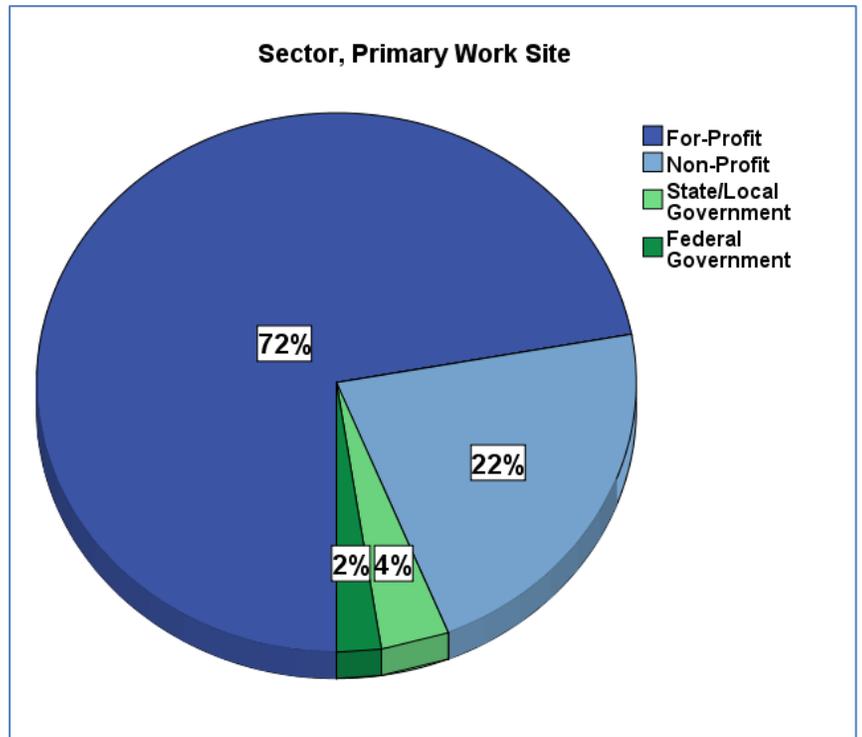
For Profit:	72%
Federal:	2%

Top Establishments

Skilled Nursing Facility:	24%
Home Health Care:	22%
Outpatient Rehab.:	19%

Source: Va. Healthcare Workforce Data Center

Nearly 95% of all PTAs work in the private sector, including 72% who work at for-profit establishments. Another 2% of Virginia's PTA workforce are employed by the federal government.



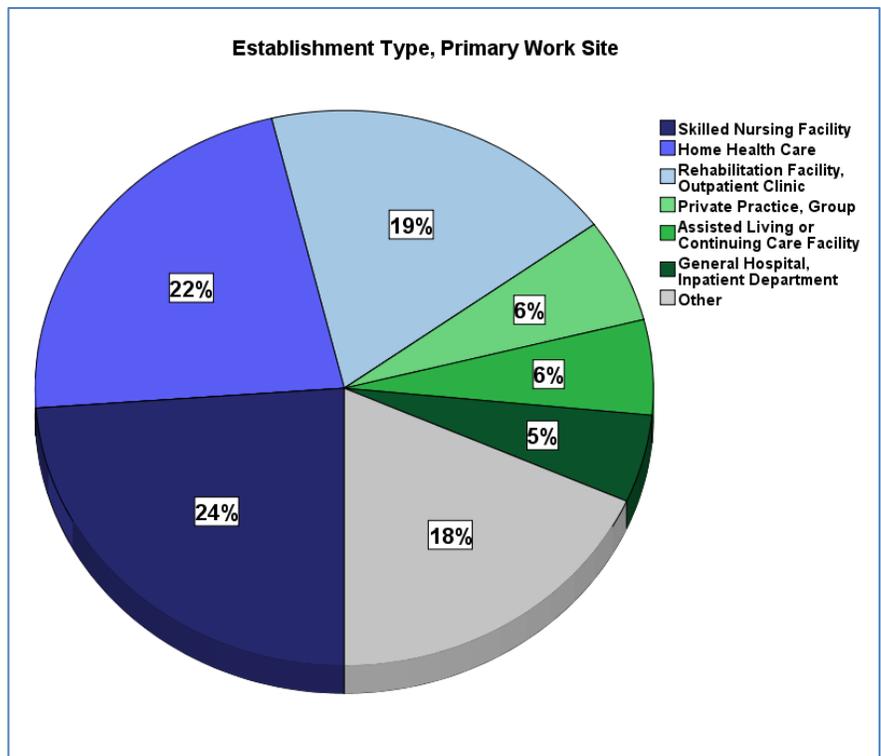
Source: Va. Healthcare Workforce Data Center

Establishment Type	Location Type			
	Primary Location		Secondary Location	
	#	%	#	%
Skilled Nursing Facility	686	24%	241	29%
Home Health Care	643	22%	198	24%
Rehabilitation Facility, Outpatient Clinic	539	19%	99	12%
Private Practice, Group	174	6%	40	5%
Assisted Living or Continuing Care Facility	159	6%	68	8%
General Hospital, Inpatient Department	147	5%	47	6%
General Hospital, Outpatient Department	125	4%	10	1%
Rehabilitation Facility, Residential/Inpatient	122	4%	63	7%
Private Practice, Solo	83	3%	24	3%
K-12 School System	36	1%	6	1%
Academic Institution	30	1%	12	1%
Physician Office	21	1%	1	0%
Other	110	4%	33	4%
Total	2,875	100%	842	100%

Nearly one-quarter of all PTAs work in skilled nursing facilities. Another 22% work in home health care establishments.

Source: Va. Healthcare Workforce Data Center

Among PTAs who also have a secondary work location, 29% work at skilled nursing facilities and 24% work at home health care establishments.



Source: Va. Healthcare Workforce Data Center

At a Glance: (Primary Locations)

A Typical PTA's Time

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

Roles

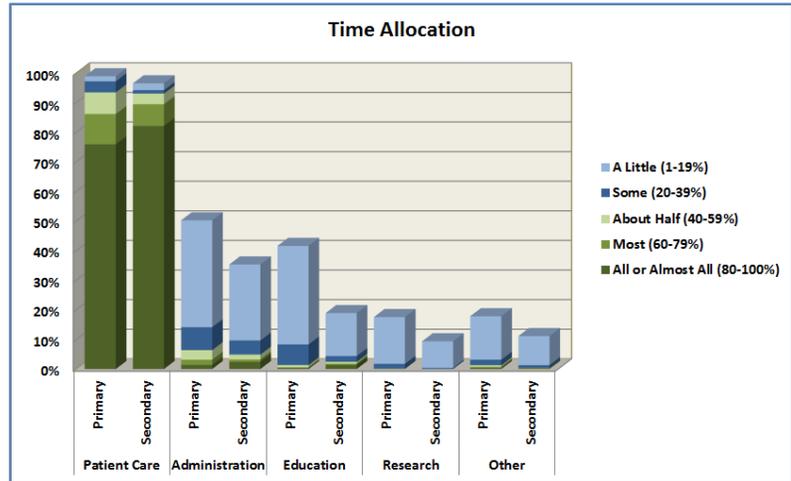
Patient Care: 86%
Administrative: 3%
Education: 1%

Patient Care PTAs

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

Source: Va. Healthcare Workforce Data Center

A Closer Look:



Source: Va. Healthcare Workforce Data Center

The typical PTA spends nearly all of her time in patient care activities. In fact, 86% of all PTAs fill a patient care role, defined as spending at least 60% of her 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%	1%	2%	0%	1%	0%	0%	0%	0%
Most (60-79%)	10%	7%	2%	1%	0%	0%	0%	0%	0%	0%
About Half (40-59%)	7%	4%	3%	2%	1%	1%	0%	0%	1%	0%
Some (20-39%)	4%	1%	8%	5%	7%	2%	2%	0%	2%	1%
A Little (1-19%)	2%	2%	36%	26%	33%	15%	16%	9%	15%	10%
None (0%)	1%	3%	50%	65%	58%	81%	82%	91%	82%	88%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Retirement Expectations				
Expected Retirement Age	All PTAs		PTAs Over 50	
	#	%	#	%
Under Age 50	131	5%	-	-
50 to 54	129	5%	4	1%
55 to 59	348	13%	43	7%
60 to 64	777	28%	176	27%
65 to 69	921	34%	294	45%
70 to 74	225	8%	82	13%
75 to 79	38	1%	11	2%
80 or Over	25	1%	6	1%
I Do Not Intend to Retire	150	5%	37	6%
Total	2,745	100%	653	100%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Retirement Expectations

All PTAs

Under 65: 50%
Under 60: 22%

PTAs 50 and Over

Under 65: 34%
Under 60: 7%

Time Until Retirement

Within 2 Years: 3%
Within 10 Years: 14%
Half the Workforce: By 2048

Source: Va. Healthcare Workforce Data Center

Half of all PTAs expect to retire before the age of 65. Among PTAs who are age 50 and over, 34% still expect to retire by age 65.

Within the next two years, 27% of all PTAs expect to pursue additional educational opportunities, and 13% expect to increase their patient care hours.

Future Plans

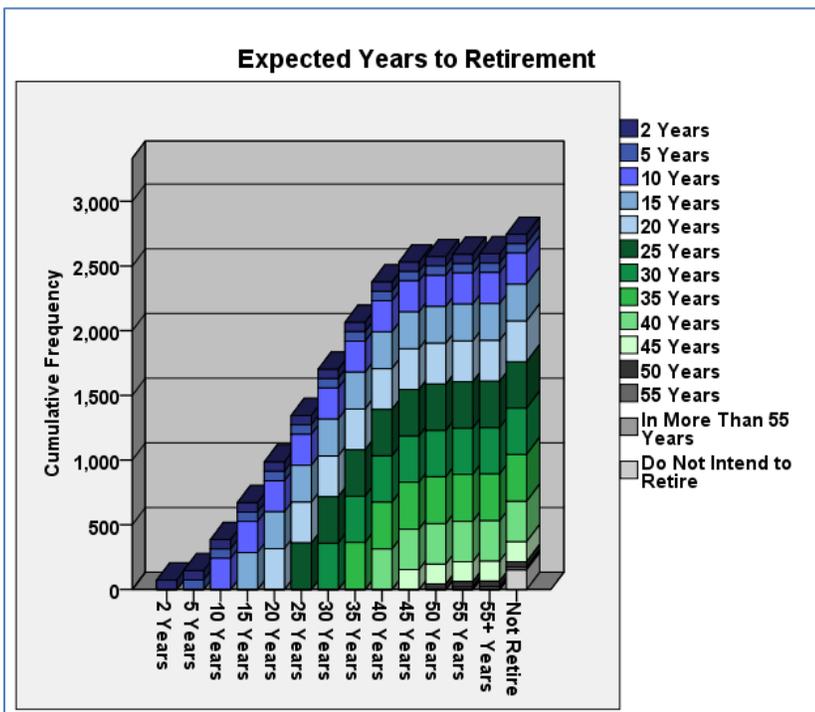
Two Year Plans:	#	%
Decrease Participation		
Leave Profession	49	1%
Leave Virginia	131	4%
Decrease Patient Care Hours	233	7%
Decrease Teaching Hours	16	0%
Increase Participation		
Increase Patient Care Hours	439	13%
Increase Teaching Hours	295	9%
Pursue Additional Education	902	27%
Return to Virginia's Workforce	16	0%

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 14% expect to retire in the next ten years. Half of the current PTA workforce expect to retire by 2048.

Time to Retirement			
Expect to Retire Within . . .	#	%	Cumulative %
2 Years	72	3%	3%
5 Years	73	3%	5%
10 Years	240	9%	14%
15 Years	285	10%	24%
20 Years	315	11%	36%
25 Years	359	13%	49%
30 Years	357	13%	62%
35 Years	363	13%	61%
40 Years	312	11%	87%
45 Years	153	6%	92%
50 Years	42	2%	94%
55 Years	18	1%	94%
In More Than 55 Years	4	0%	94%
Do Not Intend to Retire	150	5%	100%
Total	2,745	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 starting in 2033. Retirement will peak at 13% of the current workforce between 2043 and 2053 before declining to under 10% of the current workforce again around 2063.

At a Glance:

FTEs

Total: 2,802
 FTEs/1,000 Residents²: 0.33
 Average: 0.84

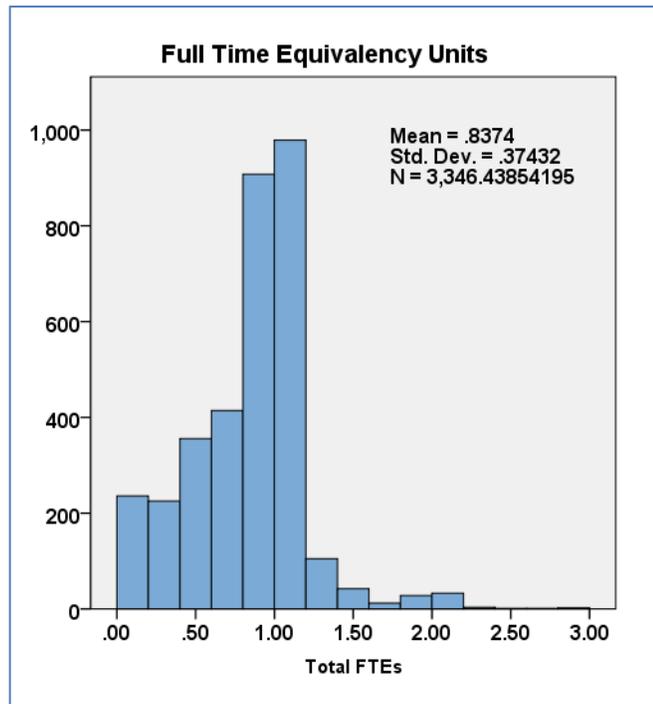
Age & Gender Effect

Age, Partial Eta³: Small
 Gender, Partial Eta³: Small

Partial Eta³ Explained:
 Partial Eta³ is a statistical measure of effect size.

Source: Va. Healthcare Workforce Data Center

A Closer Look:

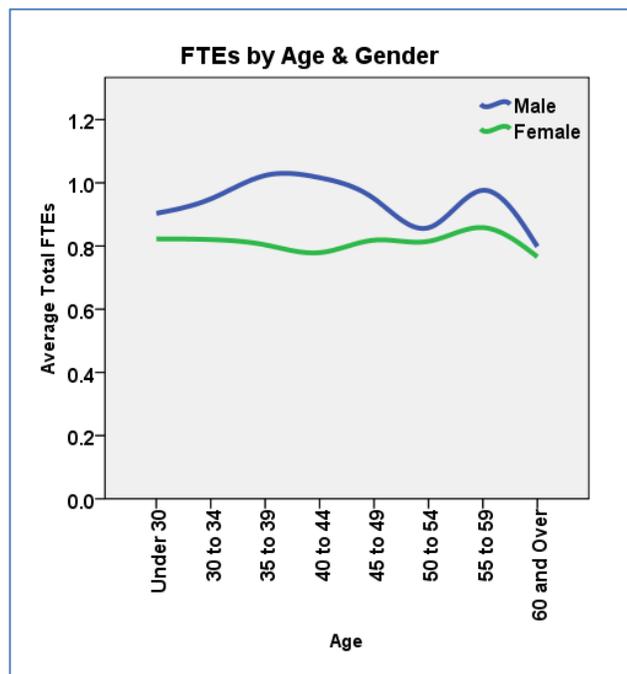


Source: Va. Healthcare Workforce Data Center

The typical PTA provided 0.93 FTEs in 2018, or approximately 37 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	0.84	0.93
30 to 34	0.86	0.96
35 to 39	0.87	0.94
40 to 44	0.83	0.89
45 to 49	0.84	0.85
50 to 54	0.86	0.94
55 to 59	0.83	0.91
60 and Over	0.74	0.68
Gender		
Male	0.94	0.99
Female	0.81	0.90

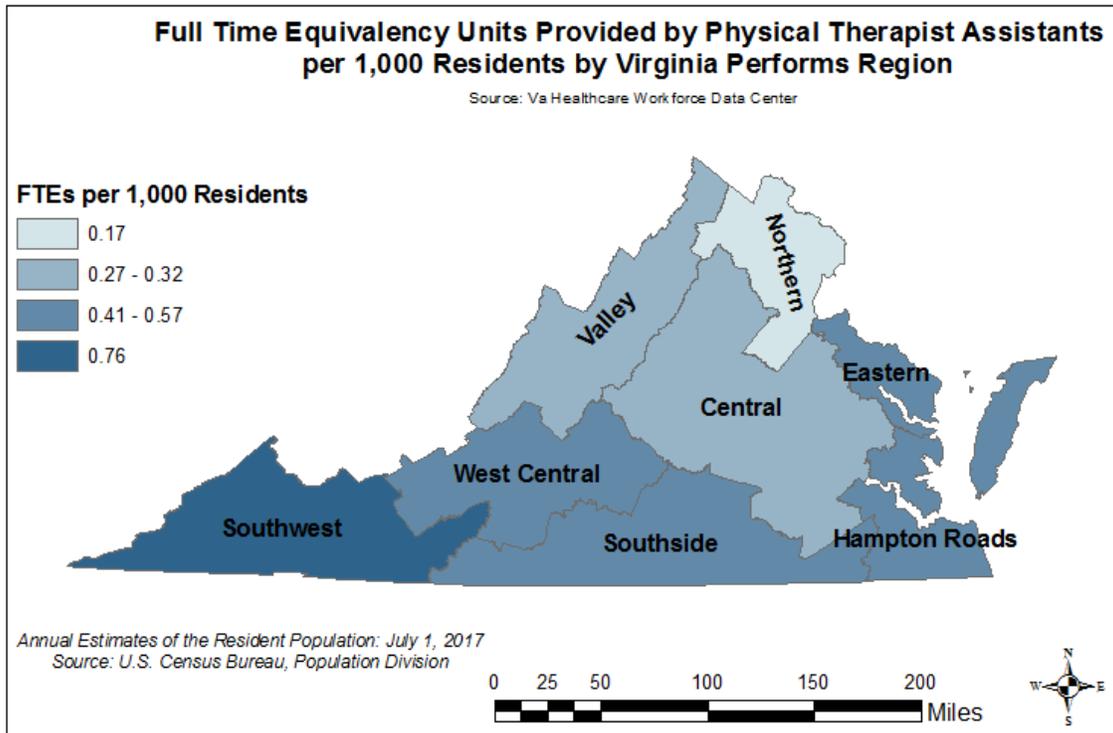
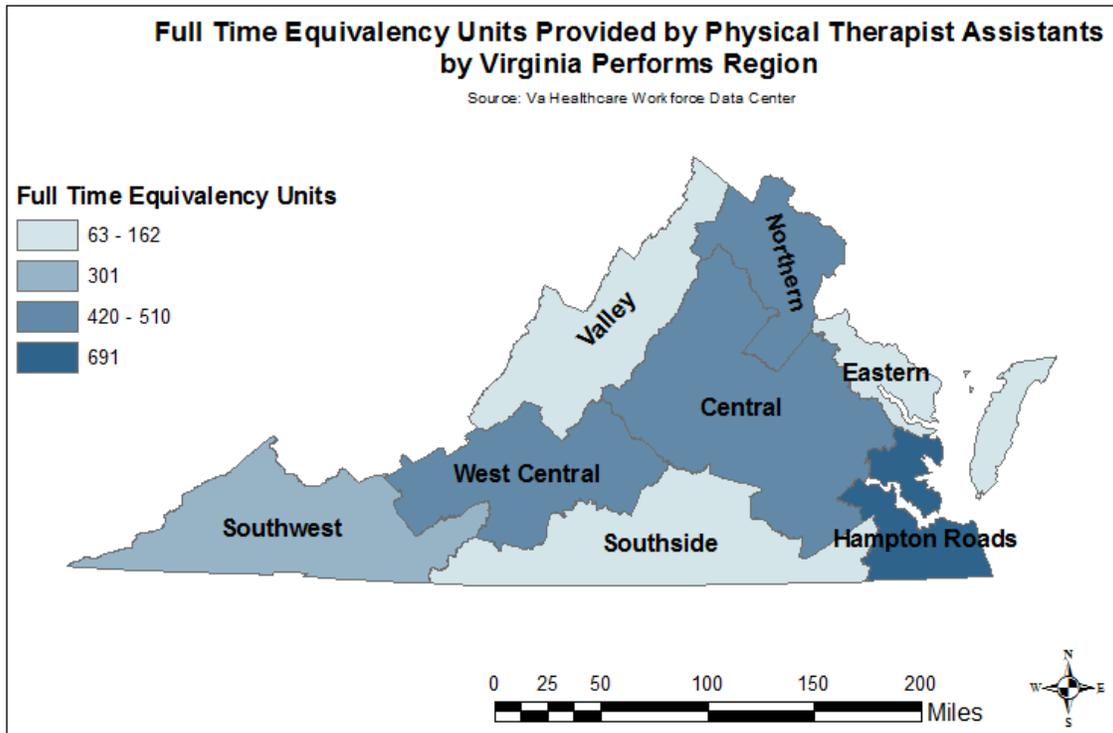
Source: Va. Healthcare Workforce Data Center

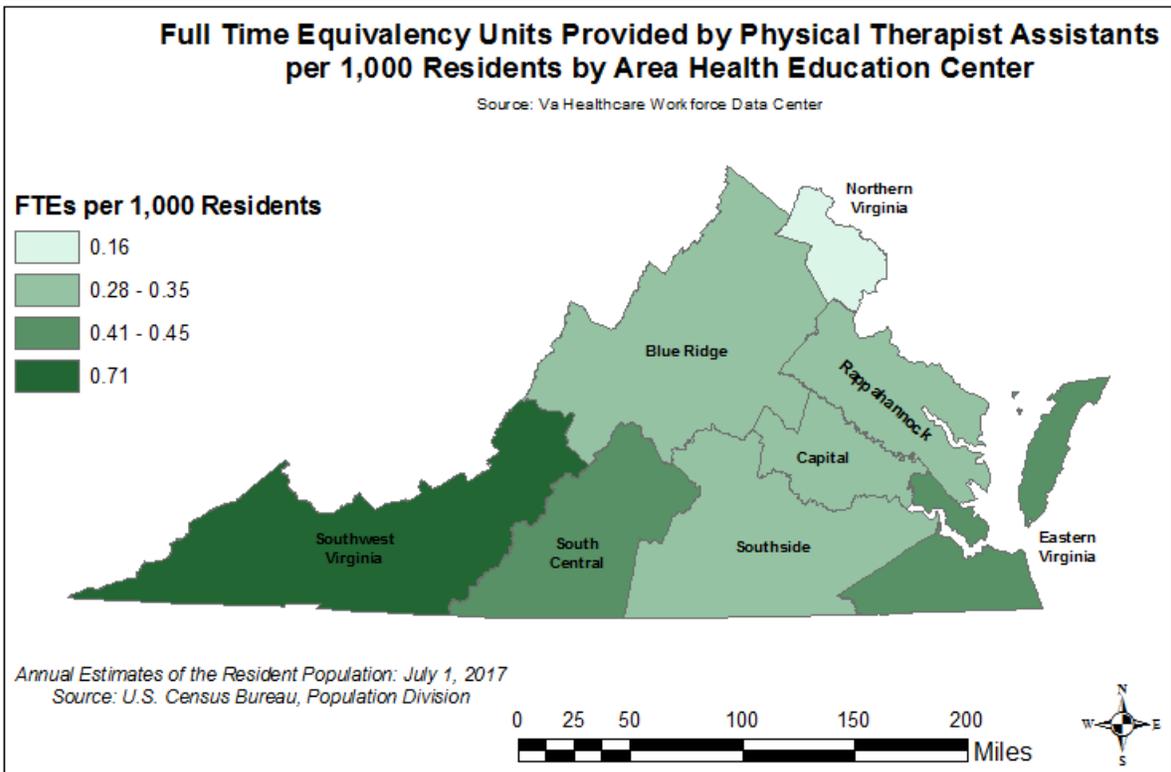
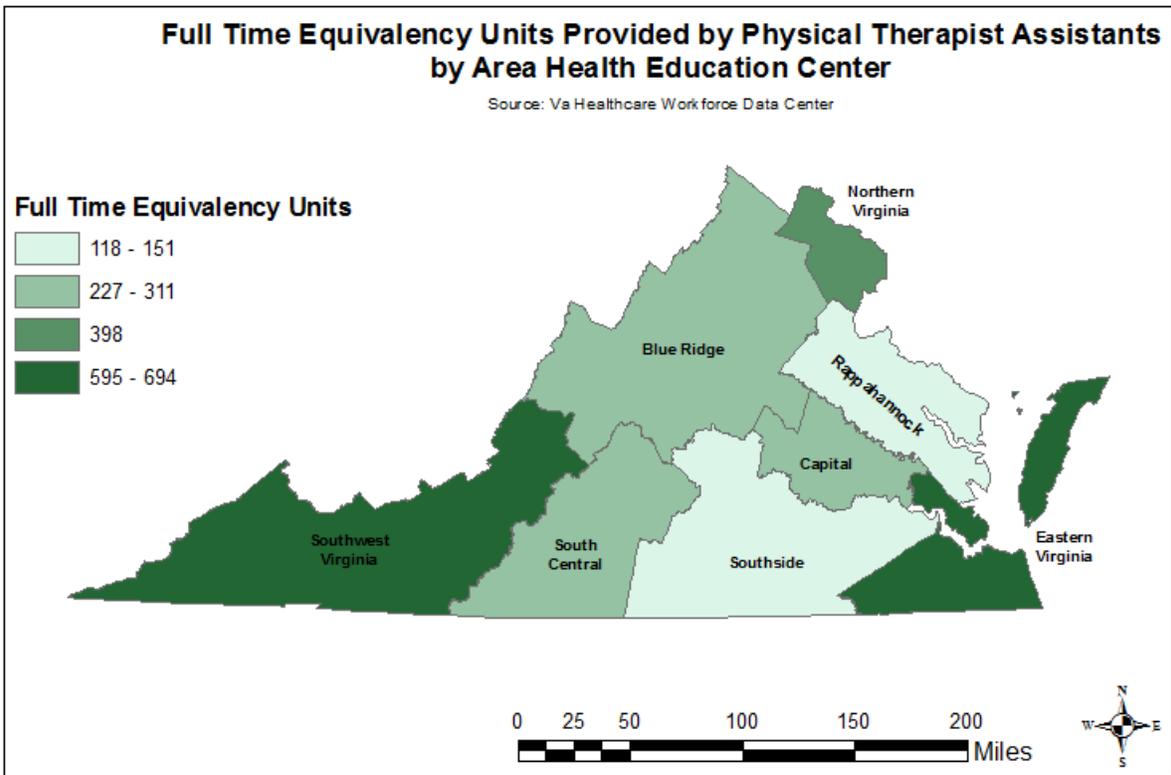


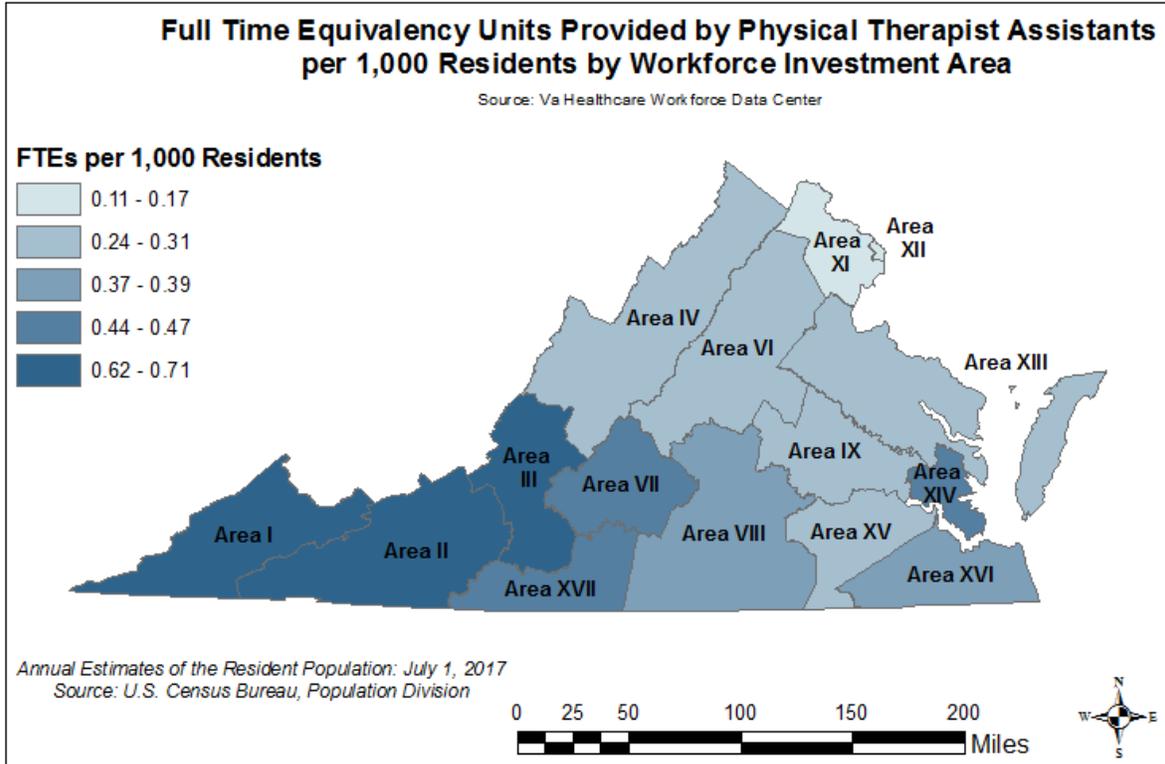
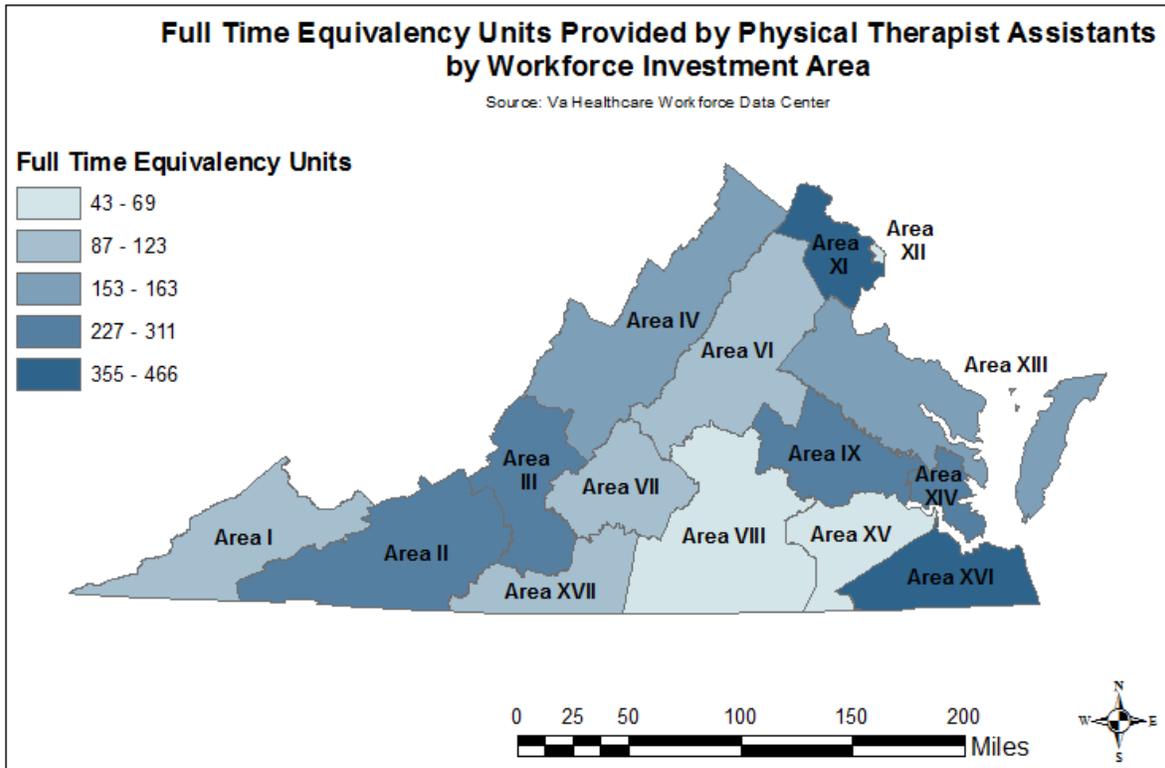
Source: Va. Healthcare Workforce Data Center

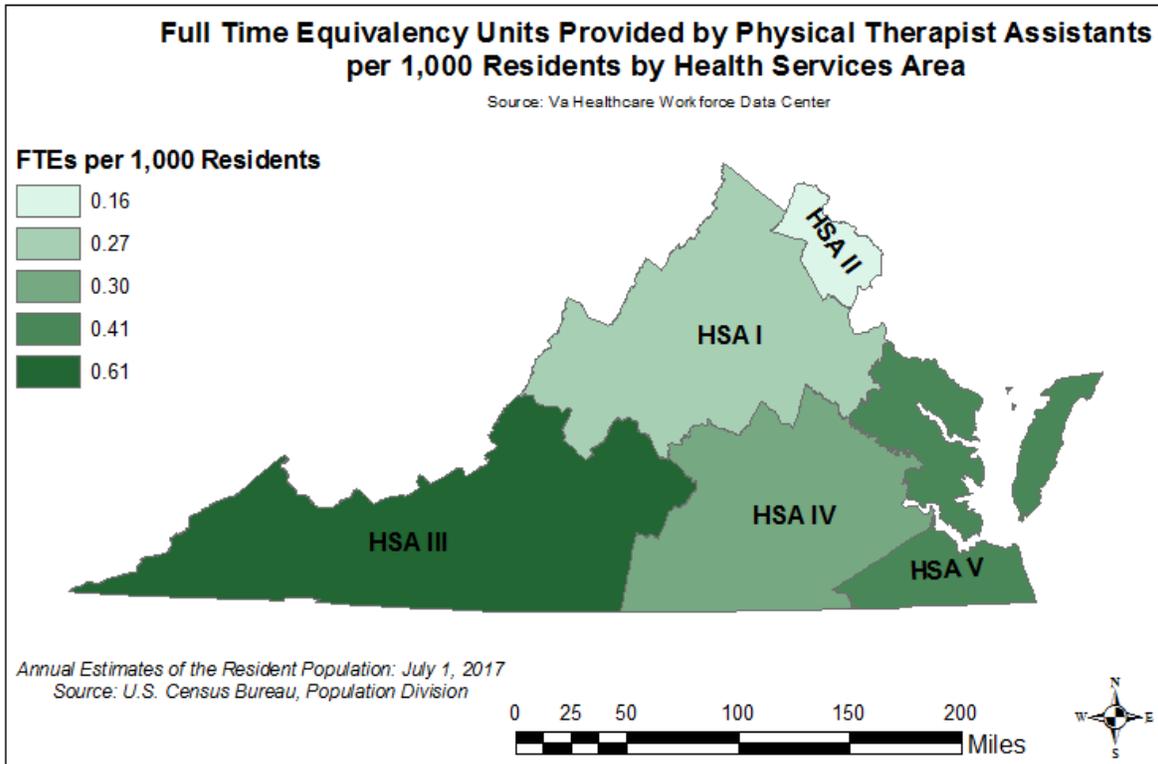
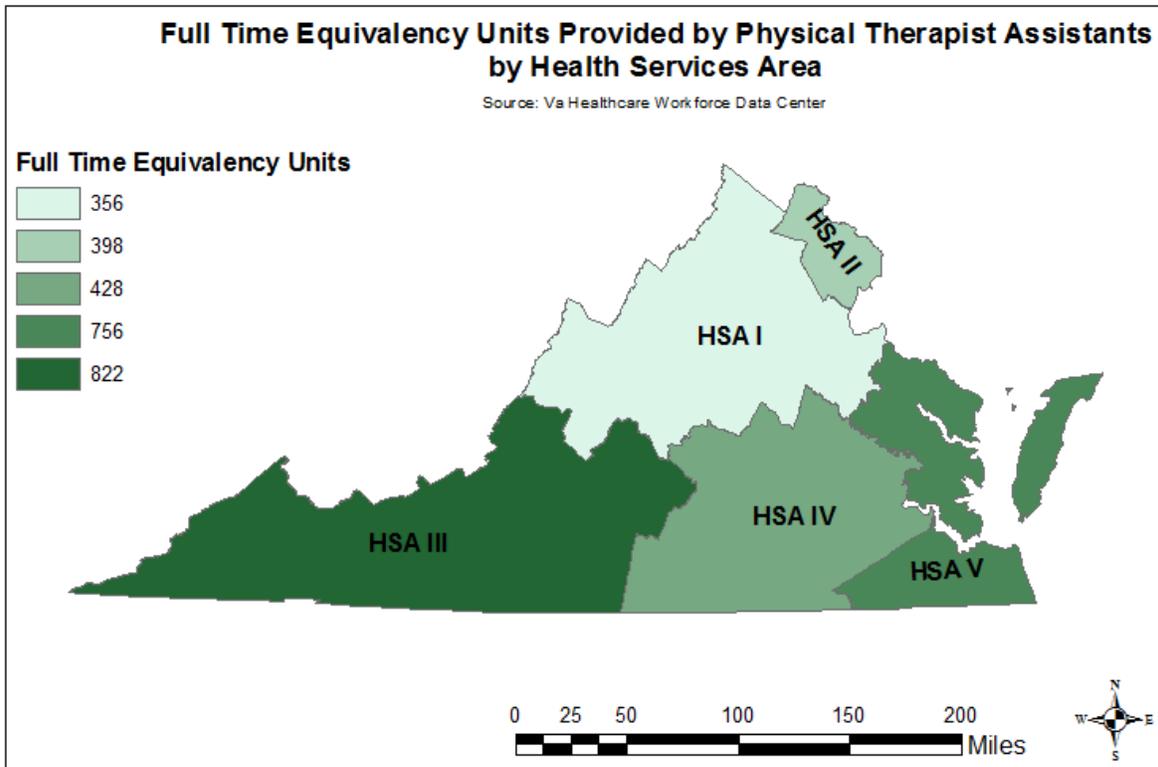
² Number of residents in 2017 was used as the denominator.

³ Due to assumption violations in Mixed between-within ANOVA (Levene's Test and Interaction effect are significant).









Appendices

Appendix A: Weights

Rural Status	Location Weight			Total Weight	
	#	Rate	Weight	Min	Max
Metro, 1 Million+	1,863	84.27%	1.186624	1.089084	1.406949
Metro, 250,000 to 1 Million	466	87.77%	1.139364	1.045709	1.350914
Metro, 250,000 or Less	240	90.42%	1.105991	1.015079	1.311344
Urban Pop 20,000+, Metro Adj	82	97.56%	1.025	0.940745	1.215315
Urban Pop 20,000+, Non-Adj	0	NA	NA	NA	NA
Urban Pop, 2,500-19,999, Metro Adj	179	86.59%	1.154839	1.059911	1.369262
Urban Pop, 2,500-19,999, Non-Adj	159	89.31%	1.119718	1.027678	1.32762
Rural, Metro Adj	94	85.11%	1.175	1.078415	1.393166
Rural, Non-Adj	46	89.13%	1.121951	1.029727	1.330268
Virginia Border State/DC	291	68.04%	1.469697	1.348888	1.742581
Other US State	310	63.87%	1.565657	1.43696	1.856358

Source: Va. Healthcare Workforce Data Center

Age	Age Weight			Total Weight	
	#	Rate	Weight	Min	Max
Under 30	687	69.87%	1.43125	1.215315	1.856358
30 to 34	654	82.26%	1.215613	1.032212	1.576673
35 to 39	478	85.36%	1.171569	0.994813	1.519546
40 to 44	421	90.26%	1.107895	0.940745	1.43696
45 to 49	506	89.72%	1.114537	0.946386	1.445576
50 to 54	352	87.78%	1.139159	0.967292	1.47751
55 to 59	314	89.49%	1.117438	1.023822	1.449337
60 and Over	318	75.47%	1.325	1.125096	1.718549

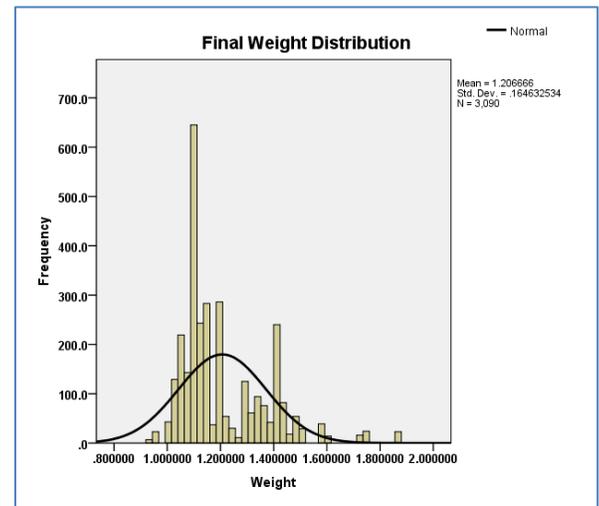
Source: Va. Healthcare Workforce Data Center

See the Methods section on the HWDC website for details on HWDC Methods:
www.dhp.virginia.gov/hwdc/

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: 0.828418



Source: Va. Healthcare Workforce Data Center