
Virginia's Physical Therapist Assistant Workforce: 2014

Healthcare Workforce Data Center

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2,289 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:	3,025
Virginia's Workforce:	2,695
FTEs:	2,264

Background

Rural Childhood:	46%
HS Degree in VA:	61%
Prof. Degree in VA:	75%

Current Employment

Employed in Prof.:	96%
Hold 1 Full-time Job:	67%
Satisfied?:	97%

Survey Response Rate

All Licensees:	76%
Renewing Practitioners:	90%

Education

Associate or Higher:	98%
Bachelors:	1%

Job Turnover

Switched Jobs in 2014:	10%
Employed over 2 yrs:	57%

Demographics

% Female:	79%
Diversity Index:	29%
Median Age:	42

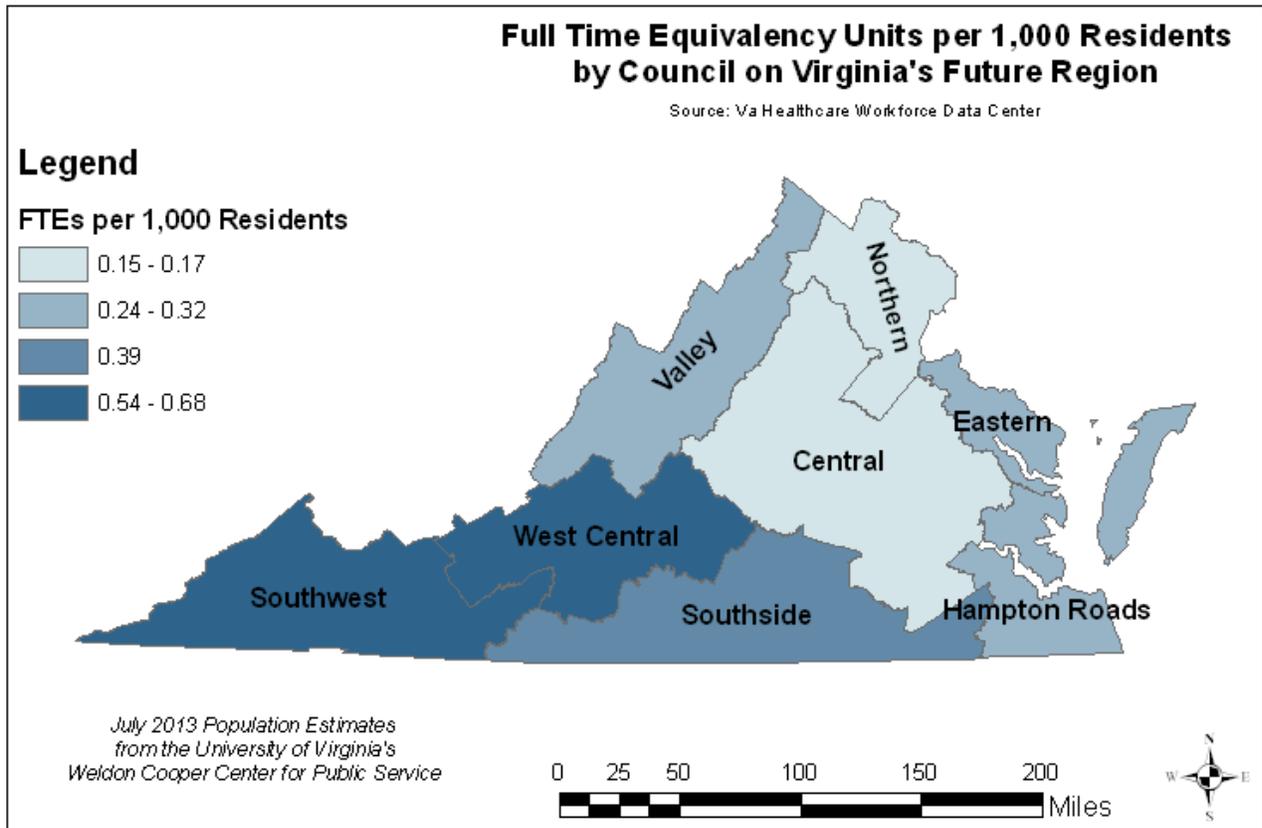
Finances

Median Inc.:	\$50k-\$60k
Health Benefits:	58%
Under 40 w/ Ed debt:	54%

Primary Roles

Patient Care:	89%
Administration:	3%
Other:	1%

Source: Va. Healthcare Workforce Data Center



2,289 physical therapist assistants (PTAs) voluntarily took part in the 2014 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 76% of the 3,025 PTAs who are licensed in the state and 90% of renewing practitioners.

The HWDC estimates that 2,695 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 2,264 "full-time equivalency units" during the survey time period, which the HWDC defines simply as working 2,000 hours a year (or 40 hours per week for 50 weeks with 2 weeks off).

Nearly 80% of PTAs are female, and the median age of all PTAs is 42. In a random encounter between two PTAs, there is a 29% chance that they would be of different races or ethnicities, a measure known as the diversity index. For the Virginia population as a whole, this same probability is 54%.

Nearly half of all PTAs grew up in a rural area, and approximately one-third of these professionals currently work in non-Metro areas of the state. Overall, 21% of PTAs work in non-Metro areas of the state. Meanwhile, 61% of PTAs went to high school in Virginia, and 75% also received their professional degree in the state.

80% of all PTAs in the state earned an Associate of Applied Science degree as their highest professional degree. 35% of all PTAs currently have educational debt, including 54% of those PTAs who are under the age of 40. For those PTAs with education debt, the median debt load is between \$18,000 and \$20,000.

96% of PTAs are currently employed in the profession, and only 1% are involuntarily unemployed at the moment. More than two-thirds of Virginia's PTAs hold one full-time position, while 17% have multiple positions. 57% of PTAs have been at their primary work location for at least two years, while more than one-quarter of all PTAs began work at a new location in 2014.

Three-quarters of Virginia's PTAs receive an hourly wage at their primary work location, while 16% receive a salary. The median annual income for PTAs is between \$50,000 and \$60,000. Among professional who receive an hourly wage or salary at their primary work location, 81% receive at least one employer-sponsored benefit, including 58% who receive employer-sponsored health insurance. 97% of PTAs indicate they are satisfied with their current employment situation, including 71% who indicate they are "very satisfied".

More than 90% of all PTAs work in the private sector, including 72% who work at a for-profit establishment. More than 60% of all PTAs worked at one of three establishment types during the past year: Skilled Nursing Facilities, Home Health Care Organizations, and Outpatient Rehabilitation Facilities.

A typical PTA spends nearly all of her time in caring for patients. In fact, 89% of all PTAs serve a patient care role, meaning that at least 60% of their time is spent in that activity. However, the typical PTA also spends a limited amount of time in administrative tasks, and 3% of all PTAs also serve an administration role at their jobs.

Half of all PTAs expect to retire by the age of 65. Although only 2% of the current workforce expects to retire in the next two years, half of the current workforce expects to retire by 2039. Over the next two years, just 1% of all PTAs expect to leave the profession, while 4% expect to move outside Virginia. However, 27% of Virginia's PTA workforce expects to pursue additional educational opportunities within the next two years, and 15% expect to increase their patient care activities.

A Closer Look:

Licensees		
License Status	#	%
Renewing Practitioners	2,462	81%
New Licensees	268	9%
Non-Renewals	295	10%
All Licensees	3,025	100%

Source: Va. Healthcare Workforce Data Center

HWDC surveys tend to achieve very high response rates. 90% of renewing PTAs submitted a survey. These represent 76% of PTAs who held a license at some point in 2014.

Statistic	Response Rates		Response Rate
	Non Respondents	Respondent	
By Age			
Under 30	173	289	63%
30 to 34	124	355	74%
35 to 39	81	307	79%
40 to 44	85	344	80%
45 to 49	77	327	81%
50 to 54	59	280	83%
55 to 59	70	226	76%
60 and Over	67	161	71%
Total	736	2,289	76%
New Licenses			
Issued in 2014	199	69	26%
Metro Status			
Non-Metro	78	393	83%
Metro	424	1,636	79%
Not in Virginia	231	258	53%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Licensed PTAs

Number:	3,025
New:	9%
Not Renewed:	10%

Response Rates

All Licensees:	76%
Renewing Practitioners:	90%

Source: Va. Healthcare Workforce Data Center

Response Rates

Completed Surveys	2,289
Response Rate, all licensees	76%
Response Rate, Renewals	90%

Source: Va. Healthcare Workforce Data Center

Definitions

- 1. The Survey Period:** The survey was conducted in December 2014.
- 2. Target Population:** All PTAs who held a Virginia license at some point in 2014.
- 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 2014.

At a Glance:

Workforce

2014 PTA Workforce: 2,695
 FTEs: 2,264

Utilization Ratios

Licensees in VA Workforce: 89%
 Licensees per FTE: 1.34
 Workers per FTE: 1.19

Source: Va. Healthcare Workforce Data Center

Virginia's PTA Workforce		
Status	#	%
Worked in Virginia in Past Year	2,670	99%
Looking for Work in Virginia	26	1%
Virginia's Workforce	2,695	100%
Total FTEs	2,264	
Licensees	3,025	

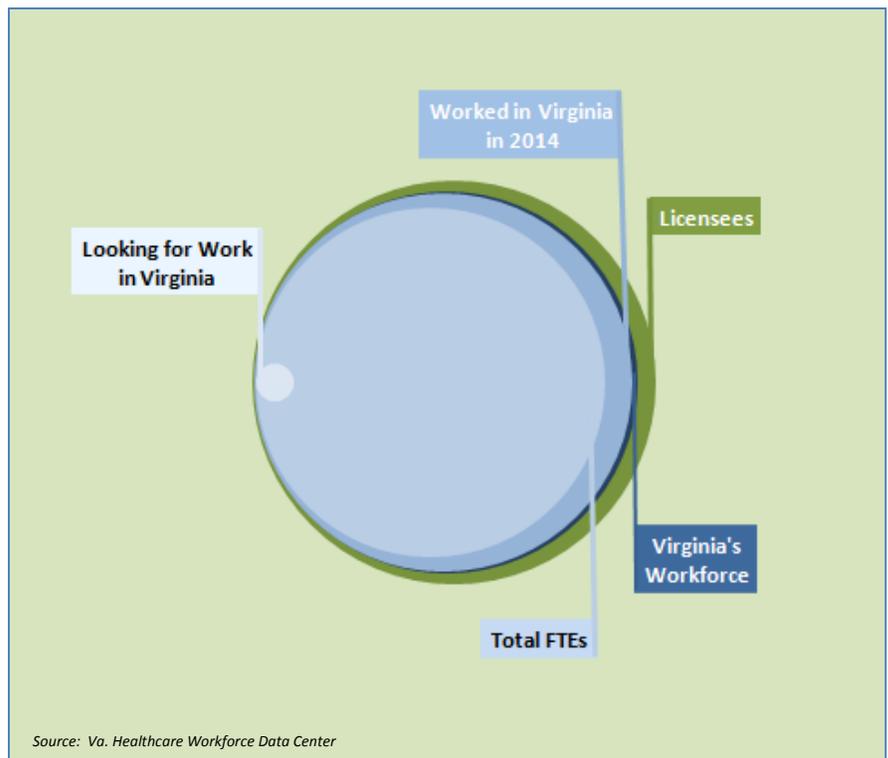
Source: Va. Healthcare Workforce Data Center

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.

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



A Closer Look:

Age & Gender						
Age	Male		Female		Total	
	#	% Male	#	% Female	#	% in Age Group
Under 30	84	21%	317	79%	401	16%
30 to 34	103	25%	316	75%	420	17%
35 to 39	77	24%	248	76%	325	13%
40 to 44	83	23%	276	77%	359	14%
45 to 49	73	22%	261	78%	334	13%
50 to 54	42	15%	244	85%	286	11%
55 to 59	44	18%	198	82%	241	9%
60 +	39	22%	139	78%	179	7%
Total	545	21%	1,999	79%	2,544	100%

Source: Va. Healthcare Workforce Data Center

Race & Ethnicity					
Race/ Ethnicity	Virginia*	PTAs		PTAs under 40	
	%	#	%	#	%
White	64%	2,142	84%	938	81%
Black	19%	184	7%	90	8%
Asian	6%	64	3%	43	4%
Other Race	0%	28	1%	15	1%
Two or more races	2%	48	2%	24	2%
Hispanic	8%	86	3%	39	3%
Total	100%	2,551	100%	1,151	100%

*Population data in this chart is from the US Census, ACS 1-yr estimates, 2011 vintage.

Source: Va. Healthcare Workforce Data Center

At a Glance:

Gender

% Female: 79%
% Under 40 Female: 77%

Age

Median Age: 42
% Under 40: 45%
% 55+: 17%

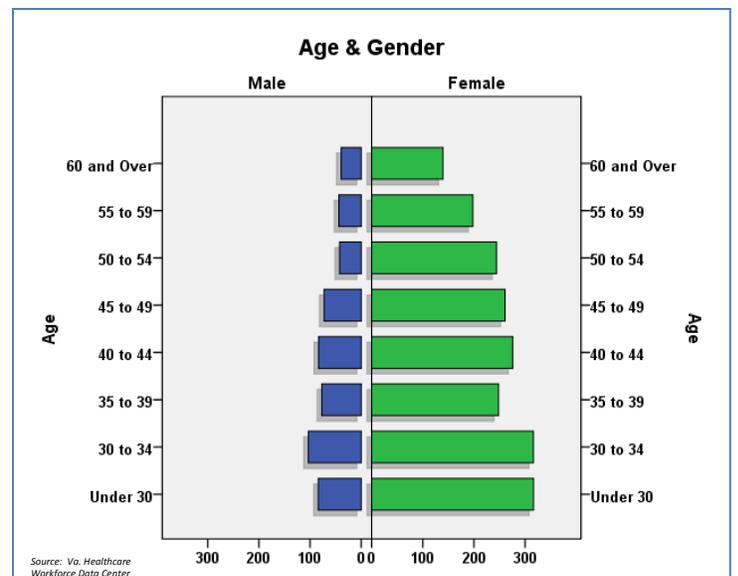
Diversity

Diversity Index: 29%
Under 40 Div. Index: 33%

Source: Va. Healthcare Workforce Data Center

In a chance encounter between two PTAs, there is a 29% 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 54%.

45% of all PTAs are under the age of 40, and 77% of these professionals are female. In addition, there is a one-in-three chance that two randomly chosen PTAs from this group would be of a different race or ethnicity.



Source: Va. Healthcare Workforce Data Center

At a Glance:

Childhood

Urban Childhood: 12%
Rural Childhood: 46%

Virginia Background

HS in Virginia: 61%
Prof. Education in VA: 75%
HS/Prof. Edu. in VA: 78%

Location Choice

% Rural to Non-Metro: 34%
% Urban/Suburban to Non-Metro: 9%

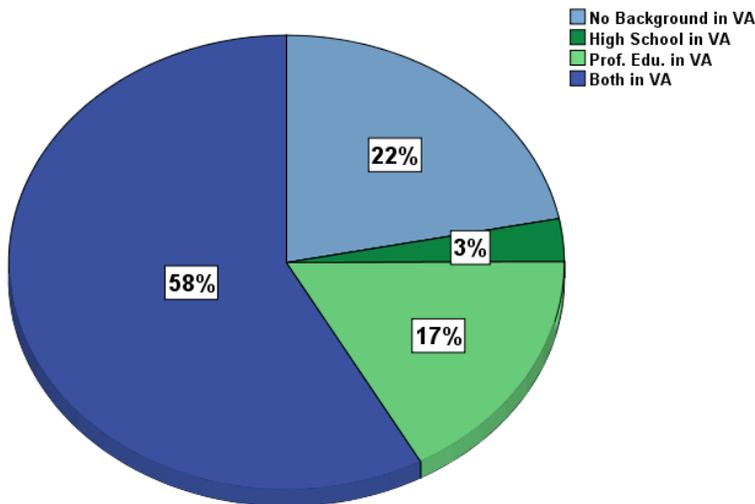
Source: Va. Healthcare Workforce Data Center

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+	27%	58%	14%
2	Metro, 250,000 to 1 million	46%	41%	13%
3	Metro, 250,000 or less	61%	29%	9%
Non-Metro Counties				
4	Urban pop 20,000+, Metro adj	73%	22%	5%
6	Urban pop, 2,500-19,999, Metro adj	79%	16%	5%
7	Urban pop, 2,500-19,999, nonadj	84%	15%	1%
8	Rural, Metro adj	78%	15%	7%
9	Rural, nonadj	64%	30%	6%
Overall		46%	43%	11%

Source: Va. Healthcare Workforce Data Center

Educational Background in Virginia



Source: Va. Healthcare Workforce Data Center

46% of PTAs grew up in self-described rural areas, and 34% of these professionals currently work in Non-Metro counties. Overall, 21% of Virginia's PTA workforce works in non-Metro counties of the state.

Top Ten States for PTA Recruitment

Rank	All PTAs			
	High School	#	PTA School	#
1	Virginia	1,544	Virginia	1,858
2	Pennsylvania	134	New York	74
3	New York	121	Pennsylvania	68
4	Outside U.S./Canada	88	North Carolina	58
5	West Virginia	70	West Virginia	49
6	North Carolina	58	Maryland	47
7	Florida	51	Florida	47
8	Ohio	48	Ohio	30
9	Maryland	43	Tennessee	24
10	New Jersey	37	Kentucky	21

Source: Va. Healthcare Workforce Data Center

61% of PTAs received their high school degree in Virginia, while 75% received their initial professional degree in the state.

Rank	Licensed in the Past 5 Years			
	High School	#	PTA School	#
1	Virginia	514	Virginia	604
2	Pennsylvania	47	West Virginia	32
3	Outside U.S./Canada	33	Maryland	25
4	West Virginia	28	New York	20
5	New York	26	Florida	20
6	Florida	22	Pennsylvania	17
7	North Carolina	18	North Carolina	16
8	Ohio	18	Ohio	12
9	Texas	14	Tennessee	12
10	New Jersey	14	Texas	9

Source: Va. Healthcare Workforce Data Center

Among PTAs who have been licensed in the past five years, 58% received their high school degree in Virginia, while 71% received their initial professional degree in the state.

11% of licensed PTAs did not participate in Virginia's workforce in 2014. 93% 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:	330
% of Licensees:	11%
Federal/Military:	8%
Va Border State/DC:	11%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Education

Associate of Applied Sci.: 80%

Associate of Science: 18%

Educational Debt

With debt: 35%

Under age 40 with debt: 54%

Median debt: \$18k-\$20k

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Highest Professional Degree		
Degree	#	%
Certificate	10	0%
Associate of Applied Science	2,037	80%
Associate of Science	453	18%
Baccalaureate	27	1%
Other	26	1%
Total	2,553	100%

Source: Va. Healthcare Workforce Data Center

Highest Non-Professional Degree		
Degree	#	%
Certificate	228	11%
Associate of Applied Science	552	26%
Associate of Science	205	10%
Baccalaureate	764	36%
Masters	76	4%
Doctorate/Professional	11	1%
Other	264	13%
Total	2,099	100%

Source: Va. Healthcare Workforce Data Center

80% of PTAs have an Associate of Applied Science as their highest professional degree, while 36% have earned a Baccalaureate as their highest non-professional degree.

35% of PTAs currently have educational debt, including 54% of those under the age of 40. For those PTAs with educational debt, the median debt burden is between \$18,000 and \$20,000.

Amount Carried	All PTAs		PTA's under 40	
	#	%	#	%
None	1,524	65%	488	46%
Less than \$4,000	115	5%	53	5%
\$4,000-\$7,999	89	4%	52	5%
\$8,000-\$11,999	108	5%	77	7%
\$12,000-\$15,999	66	3%	52	5%
\$16,000-\$19,999	48	2%	35	3%
\$20,000-\$23,999	83	4%	58	6%
\$24,000-\$27,999	65	3%	48	5%
\$28,000 or more	234	10%	188	18%
Total	2,332	100%	1,051	100%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Top Certifications

Geriatrics:	4%
Women's Health:	2%
At Least One Cert.:	7%

Top Credentials:

Massage Therapy:	4%
Athletic Training:	2%
At Least One Cred.:	16%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

APTA Recognition of Advanced Proficiency		
Proficiency Area	#	%
Geriatrics	105	4%
Women's Health	61	2%
Neuromuscular	45	2%
Aquatic	29	1%
Acute Care	24	1%
Education	21	1%
Cardiovascular & Pulmonary	16	1%
Pediatric	11	0%
Sports	6	0%
Oncology	5	0%
At least 1 Certification	183	7%

Source: Va. Healthcare Workforce Data Center

Credentials		
Area	#	%
Massage Therapy	100	4%
Athletic Training	53	2%
Exercise Physiology	33	1%
Nursing	22	1%
Kinesiotherapy	13	0%
Medical Assistant	7	0%
Art/Dance Therapy	4	0%
Occupational Therapy	4	0%
Orthotic/Prosthetic Technician	2	0%
Orthopedic Technician	2	0%
Orthotic/Prosthetic Fitter	1	0%
Other	226	8%
At least 1 Credential	426	16%

Source: Va. Healthcare Workforce Data Center

Only 7% of Virginia's PTAs currently hold at least one APTA certification, while 16% hold at least one credential. Geriatrics is the most common APTRA certification, and Massage Therapy is the most common credential.

At a Glance:

Employment

Employed in Profession: 96%
Involuntarily Unemployed: 1%

Positions Held

1 Full-Time: 67%
2 or more Positions: 17%

Weekly Hours:

40 to 49: 47%
60 or more: 2%
Less than 30: 15%

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	2,458	96%
Employed, NOT in a physical therapy related capacity	32	1%
Not working, reason unknown	0	0%
Involuntarily unemployed	12	1%
Voluntarily unemployed	47	2%
Retired	5	0%
Total	2,554	100%

Source: Va. Healthcare Workforce Data Center

96% of licensed PTAs are currently employed in the profession, and only 1% of PTAs are involuntarily unemployed at the moment. Two-thirds of all PTAs currently hold one full-time job, while 17% have multiple positions. Nearly half of PTAs work between 40 and 49 hours per week, while just 2% of PTAs work at least 60 hours per week.

Current Positions		
Positions	#	%
No Positions	64	3%
One Part-Time Position	405	16%
Two Part-Time Positions	119	5%
One Full-Time Position	1,648	65%
One Full-Time Position & One Part-Time Position	238	9%
Two Full-Time Positions	5	0%
More than Two Positions	55	2%
Total	2,534	100%

Source: Va. Healthcare Workforce Data Center

Current Weekly Hours		
Hours	#	%
0 hours	64	3%
1 to 9 hours	63	3%
10 to 19 hours	96	4%
20 to 29 hours	208	8%
30 to 39 hours	733	30%
40 to 49 hours	1,175	47%
50 to 59 hours	99	4%
60 to 69 hours	18	1%
70 to 79 hours	6	0%
80 or more hours	20	1%
Total	2,482	100%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Income		
Hourly Wage	#	%
Volunteer Work Only	4	0%
Less than \$10,000	60	3%
\$10,000-\$19,999	41	2%
\$20,000-\$29,999	111	5%
\$30,000-\$39,999	265	13%
\$40,000-\$49,999	540	26%
\$50,000-\$59,999	556	26%
\$60,000-\$69,999	309	15%
\$70,000-\$79,999	161	8%
\$80,000-\$89,999	52	2%
\$90,000-\$99,999	14	1%
\$100,000 or more	6	0%
Total	2,119	100%

Source: Va. Healthcare Workforce Data Center

Job Satisfaction		
Level	#	%
Very Satisfied	1,757	71%
Somewhat Satisfied	648	26%
Somewhat Dissatisfied	64	3%
Very Dissatisfied	18	1%
Total	2,488	100%

Source: Va. Healthcare Workforce Data Center

At a Glance:

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

Benefits
Employer Health Ins.: 58%
Employer Retirement: 56%

Satisfaction
Satisfied 97%
Very Satisfied: 71%

The typical PTA earned between \$50,000 and \$60,000 in 2014. In addition, among PTAs who received either a wage or a salary at their primary work location, 58% received health insurance and 56% had access to a retirement plan.

Employer-Sponsored Benefits			
Benefit	#	%	% of Wage/Salary Employees
Paid Vacation	1,774	72%	75%
Health Insurance	1,384	56%	58%
Retirement	1,332	54%	56%
Paid Sick Leave	1,325	54%	56%
Dental Insurance	1,308	53%	55%
Group Life Insurance	991	40%	43%
Signing/Retention Bonus	160	7%	6%
Receive At Least One Benefit	1,947	79%	81%

*From any employer at time of survey.

A Closer Look:

Underemployment in Past Year		
In the past year did you . . . ?	#	%
Experience Involuntary Unemployment?	76	3%
Experience Voluntary Unemployment?	116	4%
Work Part-time or temporary positions, but would have preferred a full-time/permanent position?	167	6%
Work two or more positions at the same time?	506	19%
Switch employers or practices?	264	10%
Experienced at least 1	856	32%

Source: Va. Healthcare Workforce Data Center

Only 3% of Virginia’s PTAs experienced involuntary unemployment at some point in 2014. By comparison, Virginia’s average monthly unemployment rate was 5.2%.¹

Location Tenure				
Tenure	Primary		Secondary	
	#	%	#	%
Not Currently Working at this Location	64	3%	85	12%
Less than 6 Months	147	6%	117	16%
6 Months to 1 Year	269	11%	106	15%
1 to 2 Years	598	24%	159	22%
3 to 5 Years	571	23%	133	18%
6 to 10 Years	413	17%	78	11%
More than 10 Years	419	17%	52	7%
Subtotal	2,481	100%	731	100%
Did not have location	33		1,931	
Item Missing	181		34	
Total	2,695		2,695	

Source: Va. Healthcare Workforce Data Center

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

At a Glance:

Unemployment Experience 2014

Involuntarily Unemployed: 3%
Underemployed: 6%

Turnover & Tenure

Switched Jobs: 10%
New Location: 26%
Over 2 years: 57%
Over 2 yrs, 2nd location: 36%

Employment Type

Hourly Wage: 75%
Salary/Commission: 16%

Source: Va. Healthcare Workforce Data Center

57% of PTAs have worked at their primary location for more than 2 years—the job tenure normally required to get a conventional mortgage loan.

Employment Type		
Primary Work Site	#	%
Salary/ Commission	325	16%
Hourly Wage	1,562	75%
By Contract	175	8%
Business/ Practice Income	14	1%
Unpaid	4	0%
Subtotal	2,080	100%

Source: Va. Healthcare Workforce Data Center

¹ As reported by the US Bureau of Labor Statistics. The not seasonally adjusted monthly unemployment rate ranged from 5.6% in January/February to 4.5% in December.

At a Glance:

Concentration

Top Region:	24%
Top 3 Regions:	60%
Lowest Region:	2%

Locations

2 or more (2014):	30%
2 or more (Now*):	27%

Source: Va. Healthcare Workforce Data Center

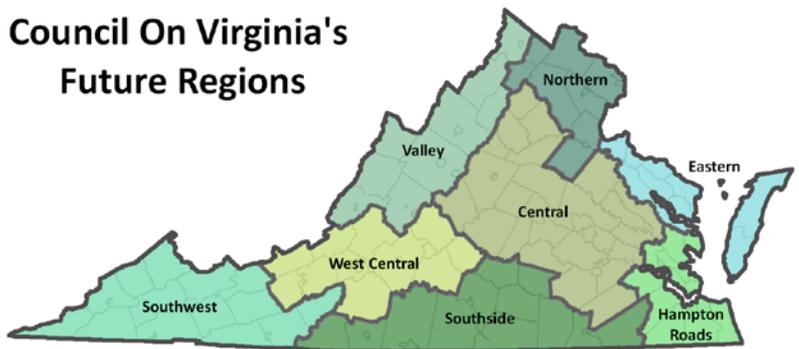
60% of all PTAs work in one of three regions of the state: Hampton Roads, Northern Virginia, and West Central Virginia.

A Closer Look:

Regional Distribution of Work Locations				
COVF Region	Primary Location		Secondary Location	
	#	%	#	%
Central	314	13%	104	14%
Eastern	48	2%	19	3%
Hampton Roads	582	24%	155	21%
Northern	477	19%	138	18%
Southside	157	6%	35	5%
Southwest	307	12%	89	12%
Valley	148	6%	45	6%
West Central	414	17%	141	19%
Virginia Border State/DC	4	0%	2	0%
Other US State	23	1%	21	3%
Outside of the US	0	0%	1	0%
Total	2,474	100%	750	100%
Item Missing	189		16	

Source: Va. Healthcare Workforce Data Center

Council On Virginia's Future Regions



27% of all PTAs currently have multiple work locations, while 30% of PTAs have had at least two work locations over the past year.

Locations	Number of Work Locations			
	Work Locations in 2014		Work Locations Now*	
	#	%	#	%
0	26	1%	61	2%
1	1,710	69%	1,759	71%
2	360	14%	371	15%
3	296	12%	254	10%
4	35	1%	20	1%
5	20	1%	8	0%
6 or More	45	2%	18	1%
Total	2,491	100%	2,491	100%

*At the time of survey completion, December 2014.

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Sector	Location Sector			
	Primary Location		Secondary Location	
	#	%	#	%
For-Profit	1,738	72%	574	81%
Non-Profit	517	21%	101	14%
State/Local Government	102	4%	22	3%
Veterans Administration	8	0%	3	0%
U.S. Military	35	1%	5	1%
Other Federal Government	13	1%	3	0%
Total	2,413	100%	708	100%
Did not have location	33		1,931	
Item Missing	248		56	

Source: Va. Healthcare Workforce Data Center

At a Glance: (Primary Locations)

Sector

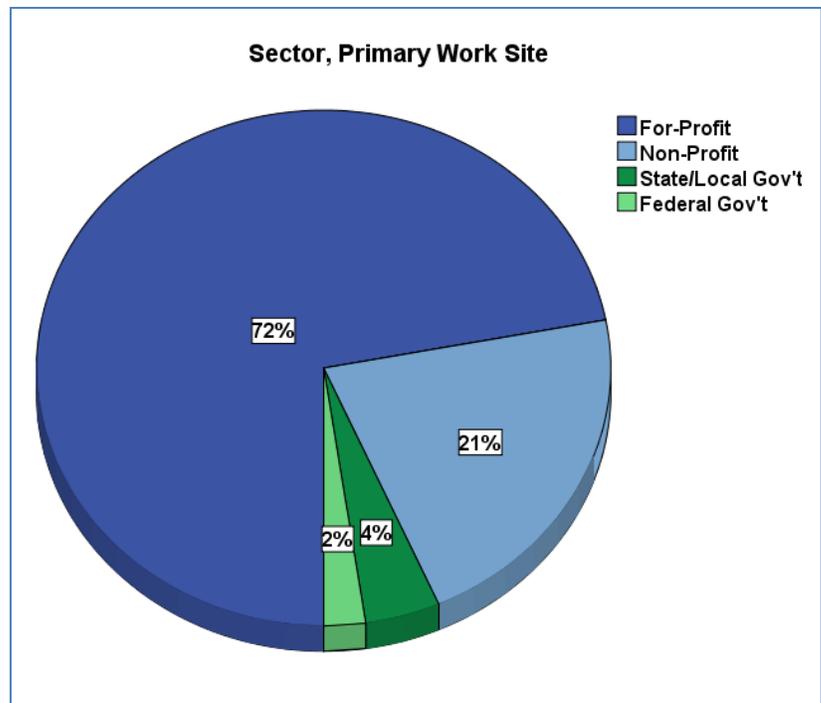
For Profit:	72%
Federal:	2%

Top Establishments

Skilled Nursing Facility:	27%
Home Health Care:	19%
Outpatient Rehab.:	15%

Source: Va. Healthcare Workforce Data Center

More than 90% of all PTAs work in the private sector, including 72% who work for at for-profit establishments. Another 4% of Virginia's PTA workforce also worked for either state or local governments.

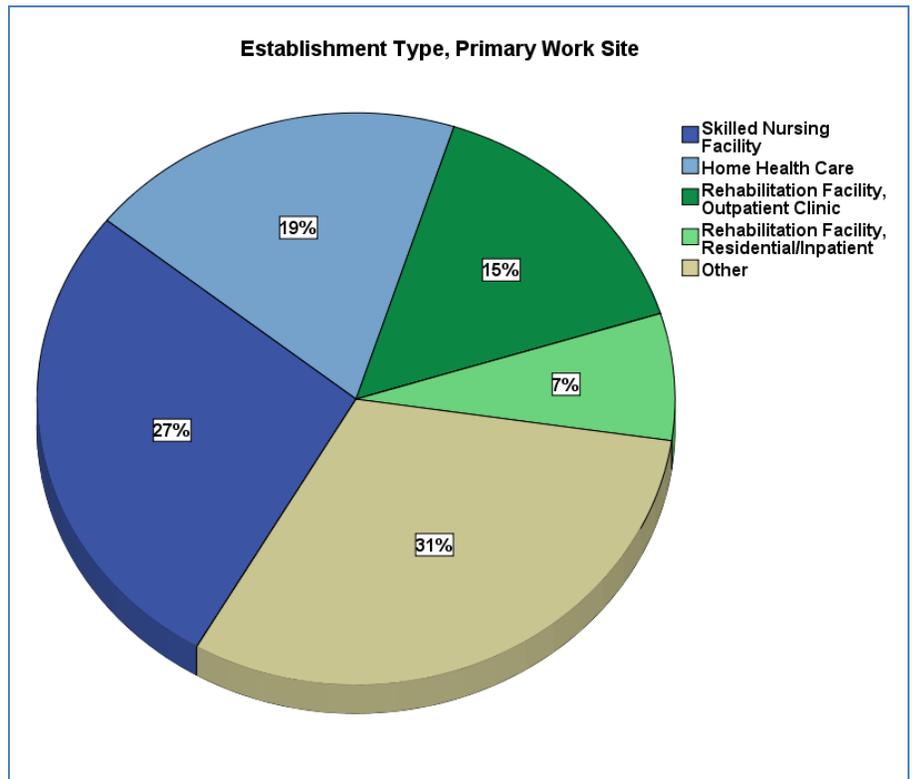


Source: Va. Healthcare Workforce Data Center

Establishment Type	Location Type			
	Primary Location		Secondary Location	
	#	%	#	%
Skilled Nursing Facility	646	27%	225	33%
Home Health Care	454	19%	164	24%
Rehabilitation Facility, Outpatient Clinic	358	15%	54	8%
Rehabilitation Facility, Residential/Inpatient	169	7%	61	9%
General Hospital, Outpatient Department	134	6%	9	1%
Private Practice, Group	133	6%	36	5%
General Hospital, Inpatient Department	130	6%	43	6%
Assisted Living or Continuing Care Facility	119	5%	51	7%
Private Practice, Solo	73	3%	10	1%
K-12 School System	38	2%	3	0%
Physician Office	33	1%	0	0%
Academic Institution	12	1%	5	1%
Other	58	2%	22	3%
Total	2,357	100%	683	100%
Did Not Have a Location	33		1931	

Skilled Nursing Facilities are the most common establishment type among Virginia's PTAs with a primary work location. Home Health Care and Rehabilitation Facilities were also typical primary establishment types.

Source: Va. Healthcare Workforce Data Center



One-third of all SLPs with a secondary work location were employed at a Skilled Nursing Facility, while nearly one-quarter worked at a Home Health Care establishment.

Source: Va. Healthcare Workforce Data Center

At a Glance: (Primary Locations)

A Typical PTA's Time

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

Roles

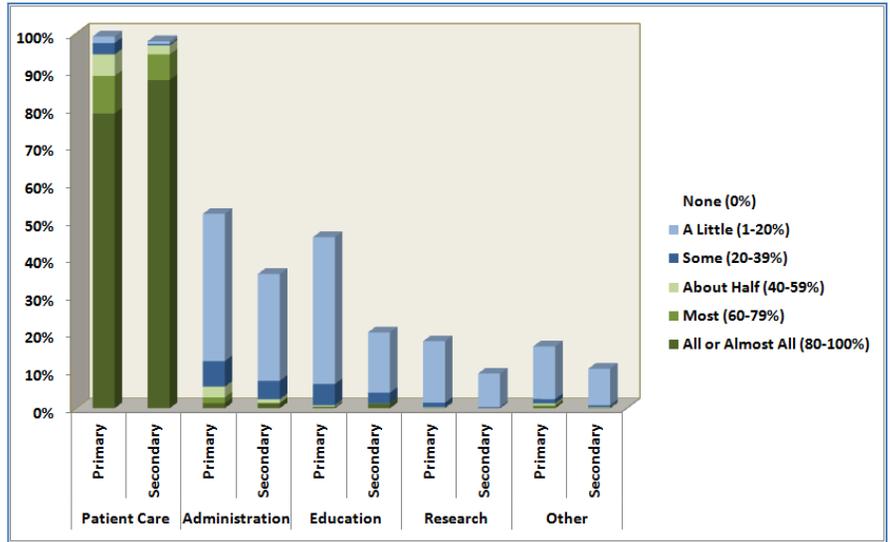
Patient Care: 89%
Administrative: 3%
Other: 1%

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, 89% of all PTAs fill a patient care role, defined as spending at least 60% of her time in that activity. The typical PTA also usually spends a small amount of time performing administrative duties during the course of her day.

Time Allocation										
Time Spent	Patient Care		Admin.		Education		Research		Other	
	Prim Site	Sec. Site	Prim Site	Sec. Site	Prim Site	Sec. Site	Prim Site	Sec. Site	Prim Site	Sec. Site
All or Almost All (80-100%)	79%	87%	1%	1%	0%	1%	0%	0%	0%	0%
Most (60-79%)	10%	7%	2%	0%	0%	0%	0%	0%	0%	0%
About Half (40-59%)	6%	2%	3%	1%	0%	0%	0%	0%	0%	0%
Some (20-39%)	3%	0%	7%	5%	6%	3%	1%	0%	1%	0%
A Little (1-20%)	2%	1%	39%	29%	39%	16%	16%	9%	14%	10%
None (0%)	1%	2%	48%	64%	54%	80%	82%	91%	84%	89%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Retirement Expectations				
Expected Retirement Age	All PTAs		PTAs over 50	
	#	%	#	%
Under age 50	80	4%	-	-
50 to 54	127	6%	4	1%
55 to 59	289	13%	49	8%
60 to 64	643	28%	193	31%
65 to 69	732	32%	250	40%
70 to 74	193	9%	75	12%
75 to 79	34	2%	9	1%
80 or over	21	1%	4	1%
I do not intend to retire	142	6%	47	7%
Total	2,263	100%	631	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: 39%

Under 60: 8%

Time until Retirement

Within 2 years: 2%

Within 10 years: 14%

Half the workforce: by 2039

Source: Va. Healthcare Workforce Data Center

One-half of all PTAs expect to retire before the age of 65, while 17% plan on working until at least age 70. Among PTAs who are age 50 and over, 39% still expect to retire by age 65, while 21% plan on working until at least age 70.

Within the next two years, just 1% of Virginia's PTAs expect to leave the profession and 4% plan on leaving the state. Meanwhile, 27% of PTAs plan on pursuing additional educational opportunities, and 15% also plan to increase patient care hours.

Future Plans

1 Year Plans:	#	%
Decrease Participation		
Leave Profession	31	1%
Leave Virginia	105	4%
Decrease Patient Care Hours	140	5%
Decrease Teaching Hours	10	0%
Increase Participation		
Increase Patient Care Hours	402	15%
Increase Teaching Hours	253	9%
Pursue Additional Education	728	27%
Return to Virginia's Workforce	21	1%

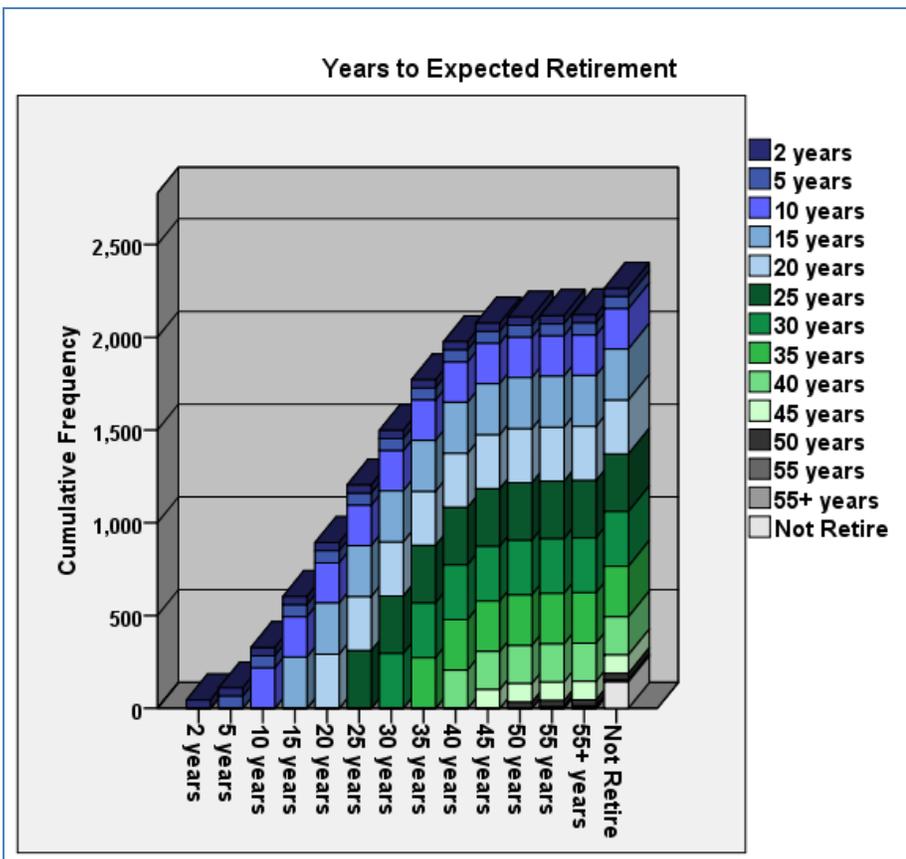
Source: Va. Healthcare Workforce Data Center

By comparing retirement expectation to age, we can estimate the maximum years to retirement for PTAs. Only 2% of PTAs expect to retire within the next two years, while 14% plan on retiring in the next ten years. Half of the current PTA workforce expects to be retired by 2039.

Time to Retirement			
Expect to retire within . . .	#	%	Cumulative %
2 years	44	2%	2%
5 years	65	3%	5%
10 years	217	10%	14%
15 years	276	12%	27%
20 years	291	13%	39%
25 years	310	14%	53%
30 years	295	13%	66%
35 years	272	12%	64%
40 years	205	9%	87%
45 years	100	4%	92%
50 years	32	1%	93%
55 years	8	0%	93%
In more than 55 years	5	0%	94%
Do not intend to retire	142	6%	100%
Total	2,263	100%	

Source: Va. Healthcare Workforce Data Center

Source: Va. Healthcare Workforce Data Center



Source: Va. Healthcare Workforce Data Center

Using these estimates, retirements will begin to reach 10% of the current workforce starting in 2024. Retirements will peak at 14% of the current workforce around 2039 before declining to under 10% of the current workforce again around 2054.

At a Glance:

FTEs

Total: 2,264
 FTEs/1,000 Residents: 0.274
 Average: 0.85

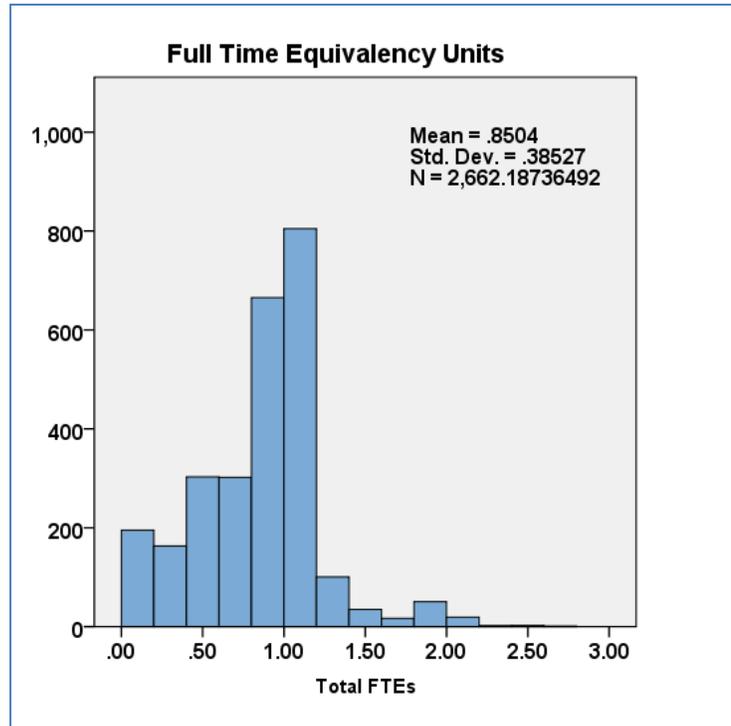
Age & Gender Effect

Age, Partial Eta²: Negligible
 Gender, Partial Eta²: Small

Partial Eta² Explained:
 Partial Eta² is a statistical measure of effect size.

Source: Va. Healthcare Workforce Data Center

A Closer Look:

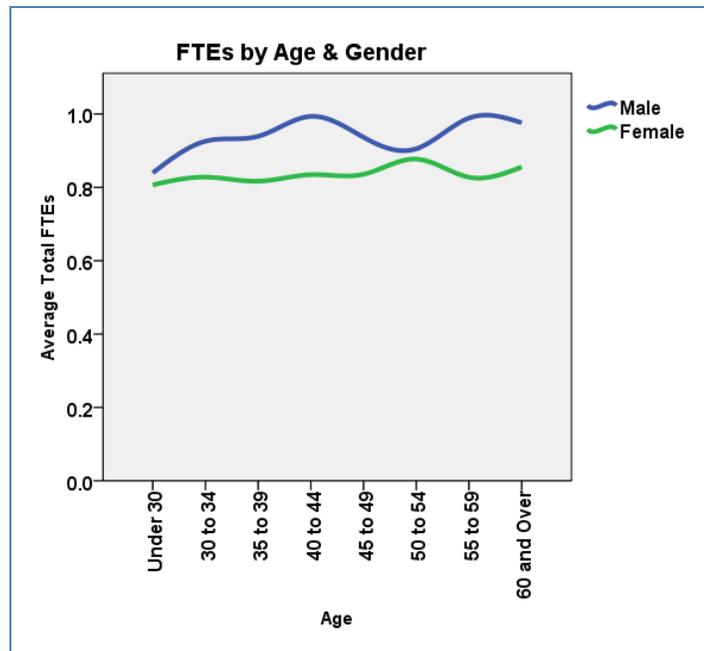


Source: Va. Healthcare Workforce Data Center

The average PTA provided 0.85 FTEs in 2014, or approximately 33 hours per week for 52 weeks. Although FTEs appear to vary by gender, statistical tests did not verify that a difference exists.²

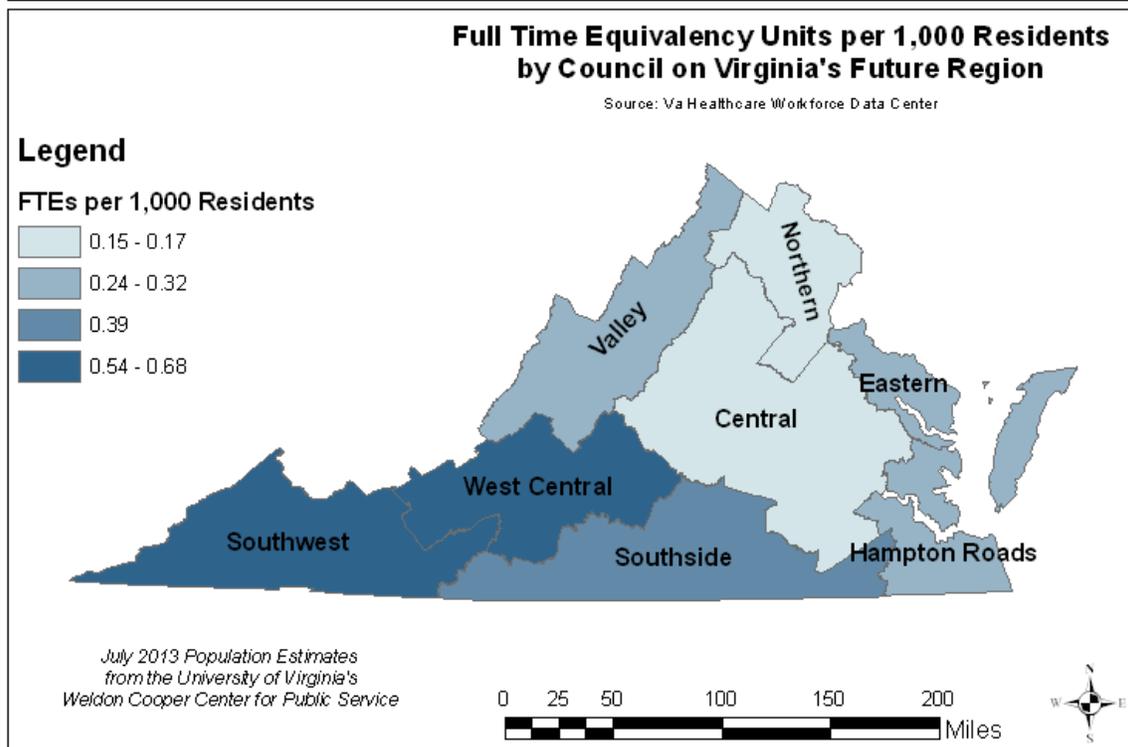
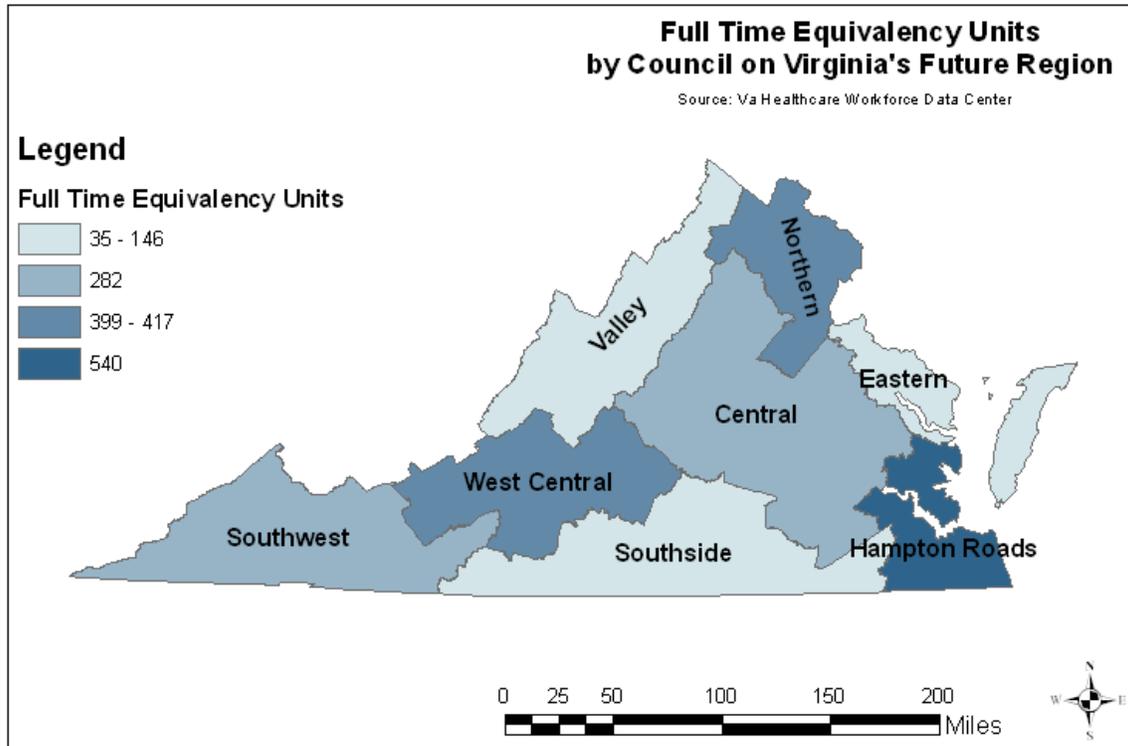
Full-Time Equivalency Units		
Age	Average	Median
Age		
Under 30	0.81	0.90
30 to 34	0.86	0.96
35 to 39	0.81	0.89
40 to 44	0.86	0.91
45 to 49	0.84	0.93
50 to 54	0.89	0.96
55 to 59	0.83	0.93
60 and Over	0.97	0.96
Gender		
Male	0.93	0.99
Female	0.83	0.92

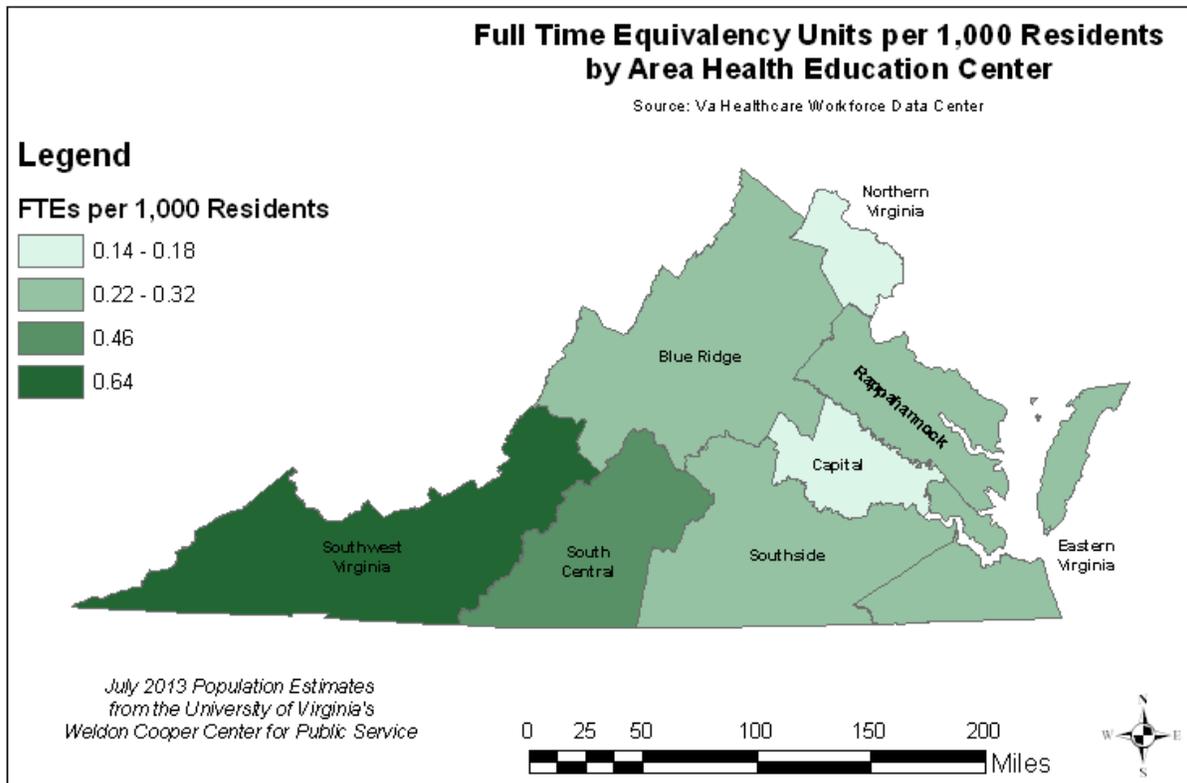
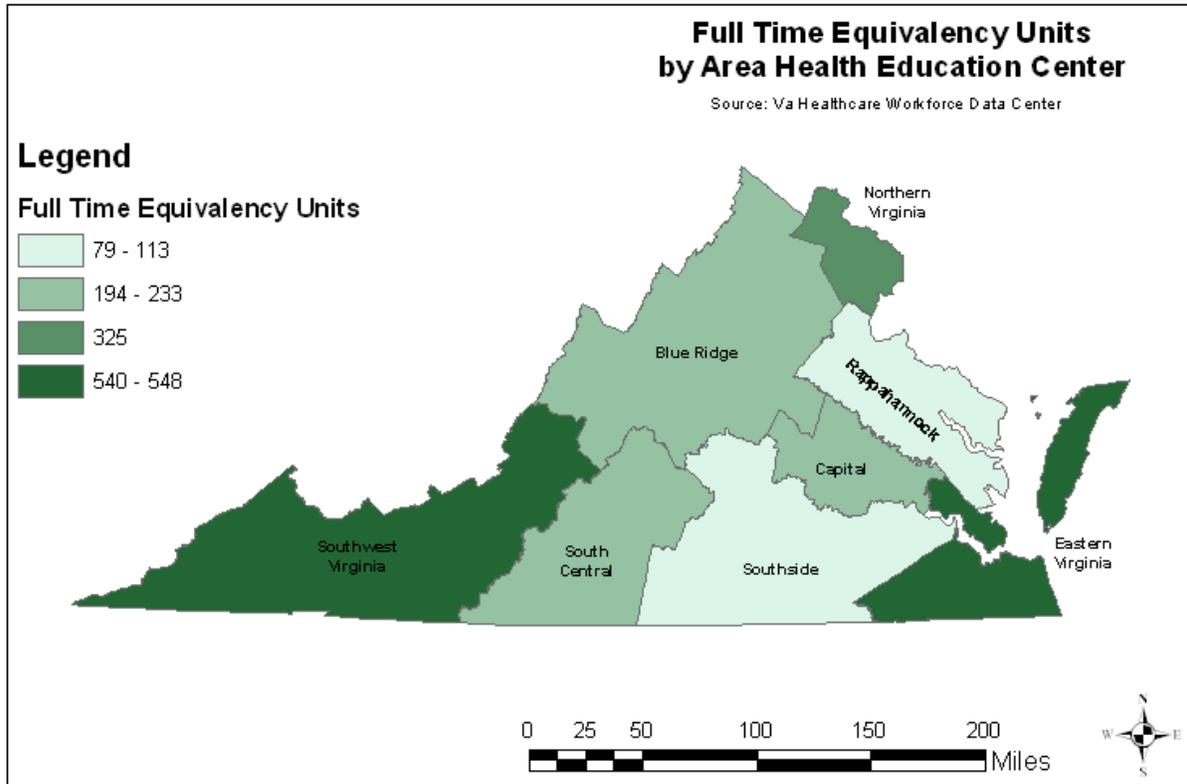
Source: Va. Healthcare Workforce Data Center

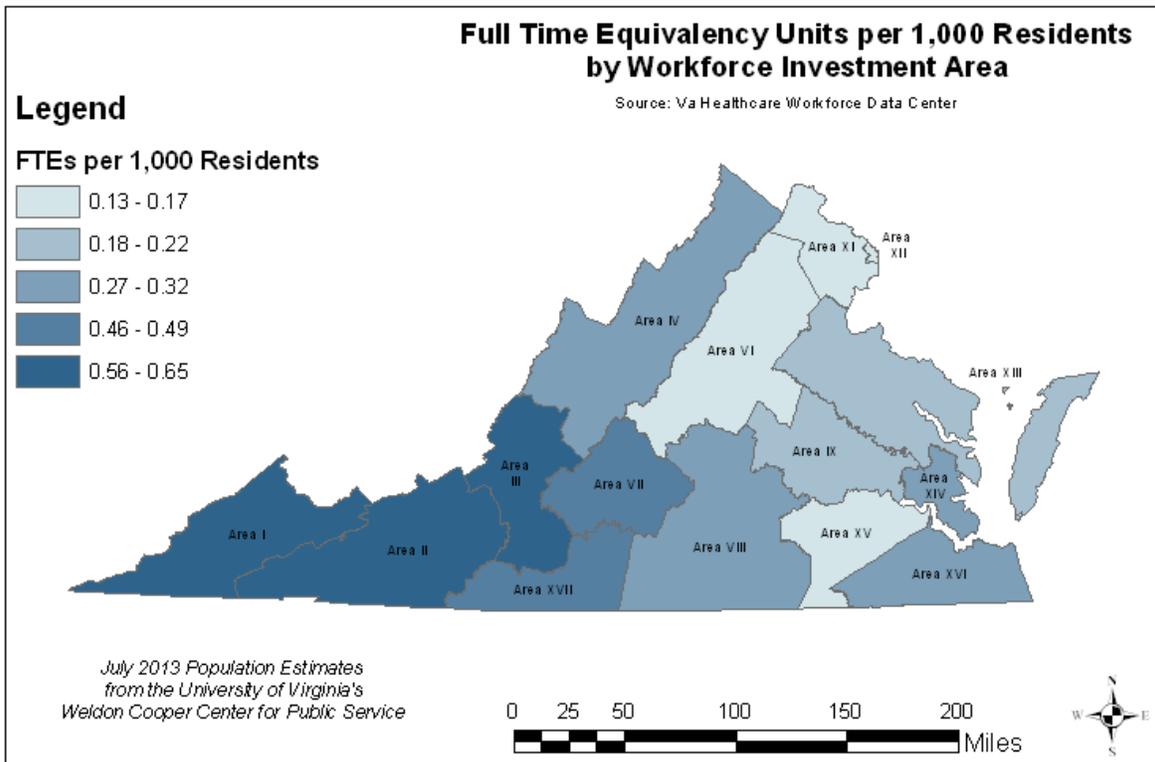
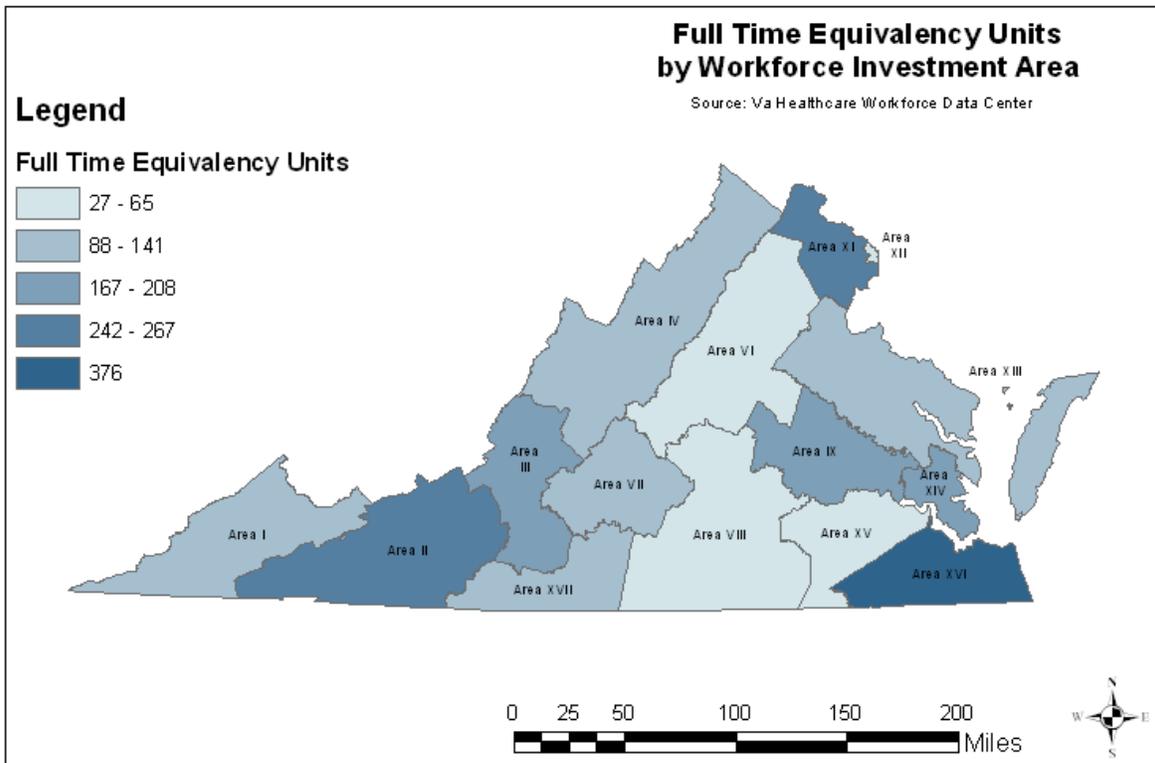


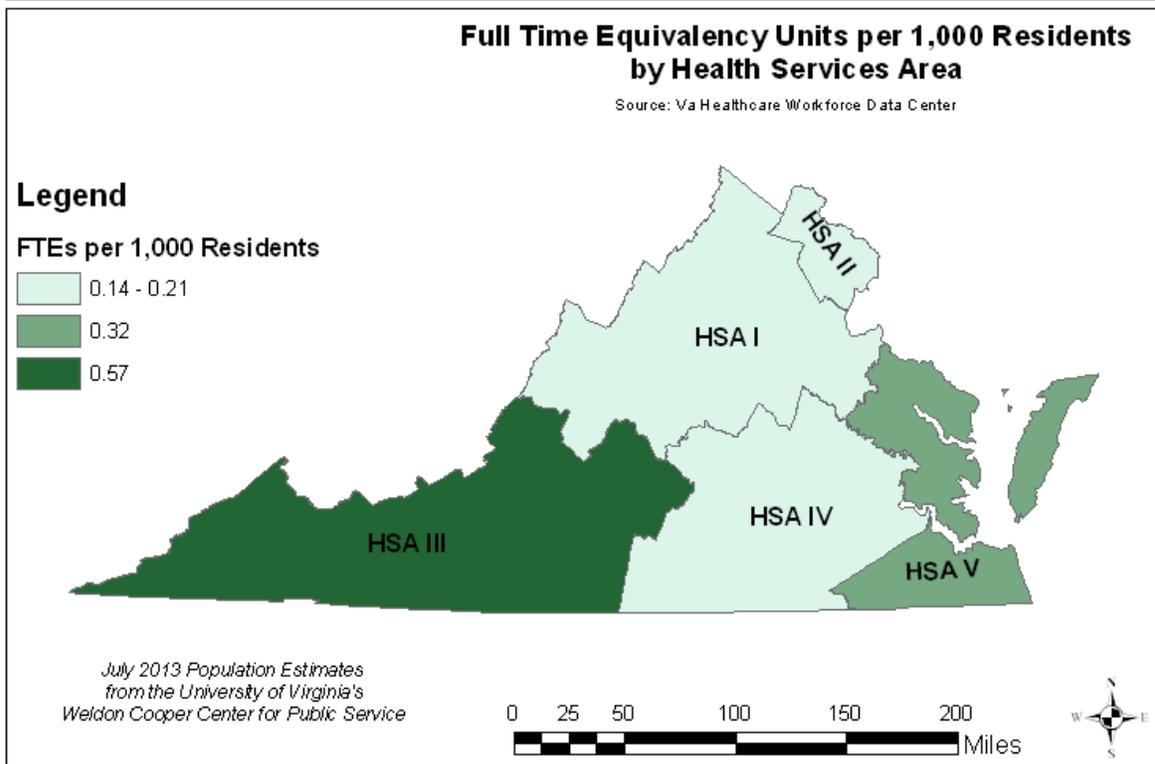
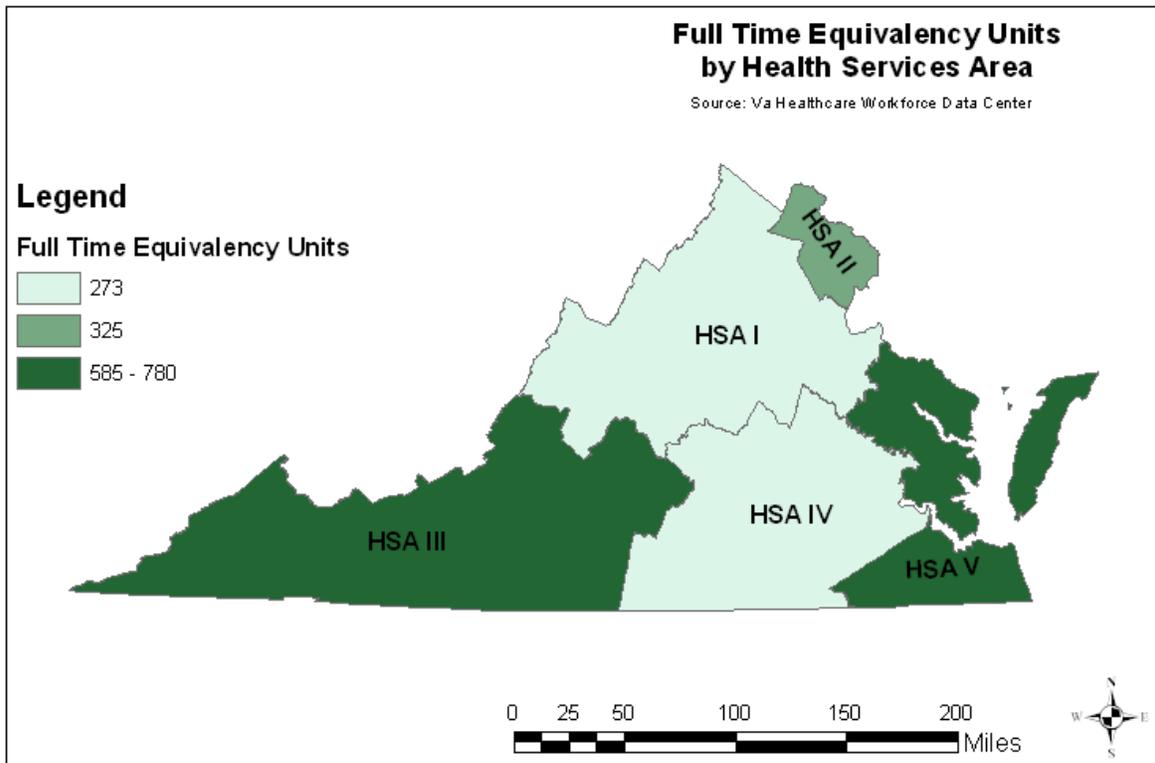
Source: Va. Healthcare Workforce Data Center

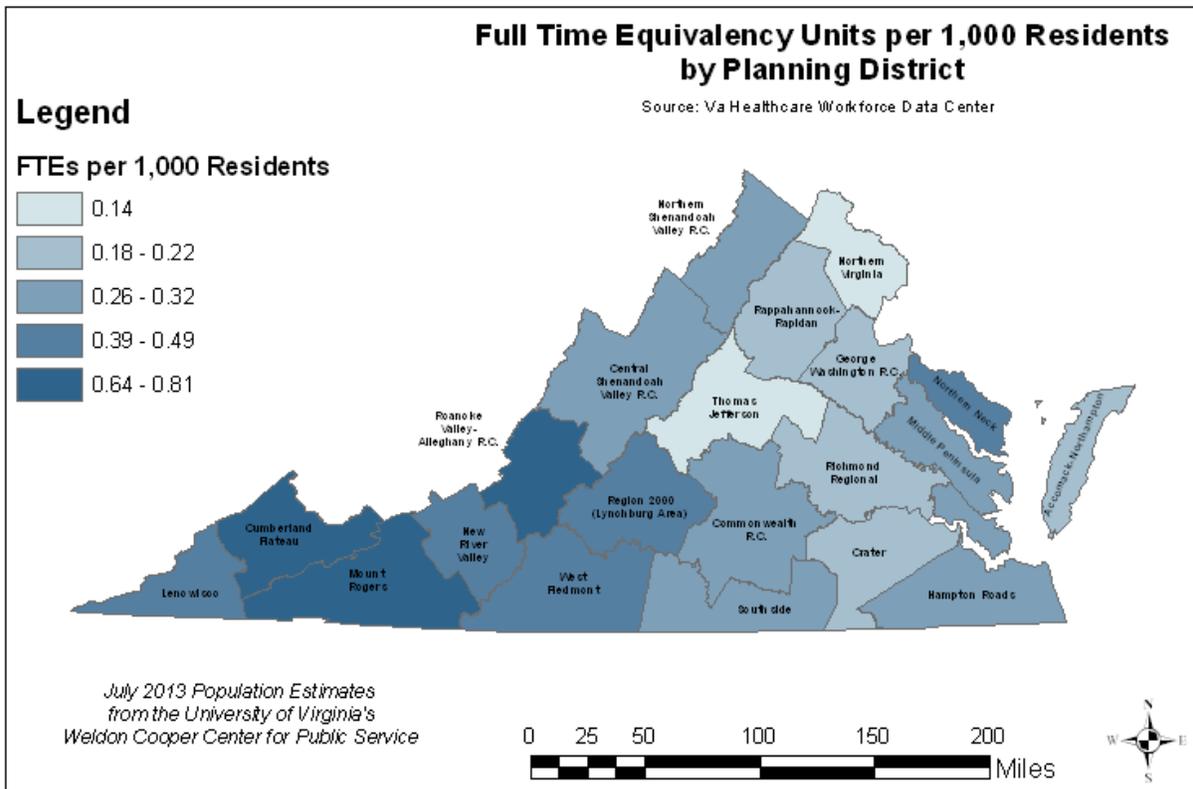
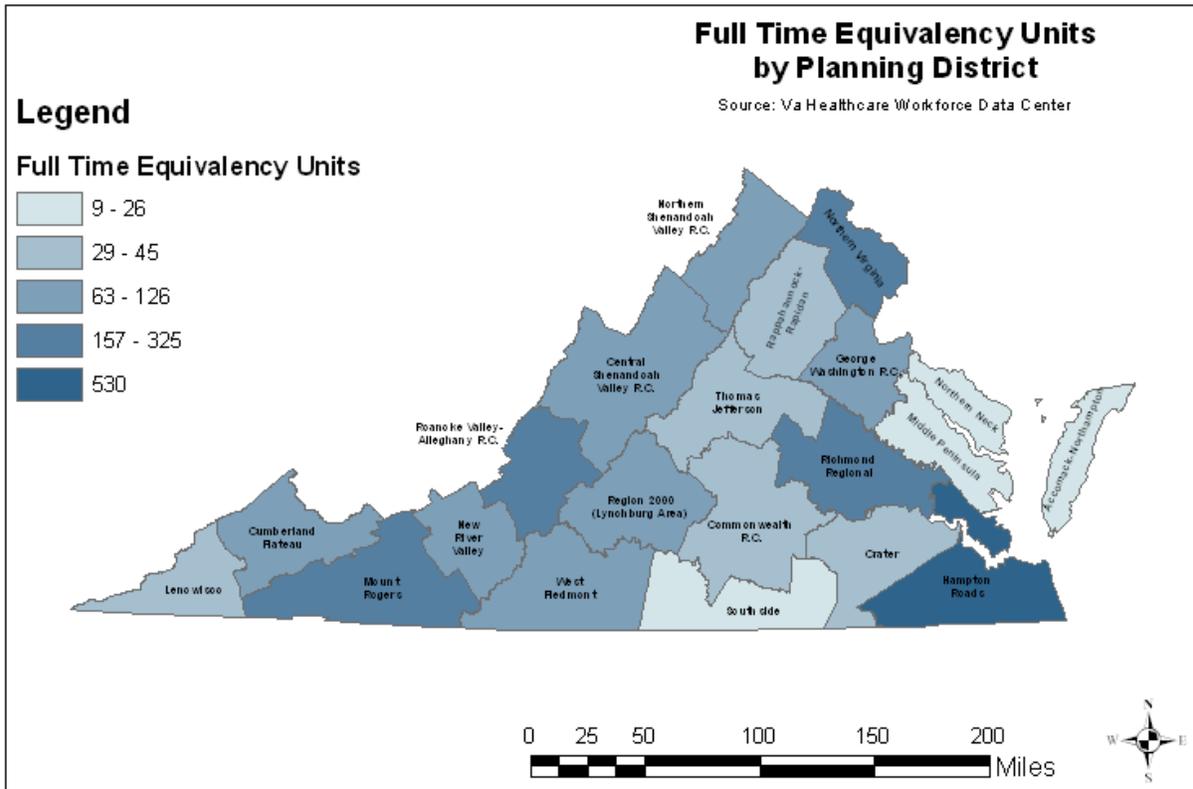
² Due to assumption violations in Mixed between-within ANOVA (Levene's Test was significant).











Appendix A: Weights

Rural Status	Location Weight			Total Weight	
	#	Rate	Weight	Min	Max
Metro, 1 million+	1,436	77.65%	1.287892	1.17989	1.557916
Metro, 250,000 to 1 million	409	85.33%	1.17192	1.073643	1.417628
Metro, 250,000 or less	215	80.00%	1.25	1.145176	1.512079
Urban pop 20,000+, Metro adj	65	89.23%	1.12069	1.026709	1.355657
Urban pop 20,000+, nonadj	0	NA	NA	NA	NA
Urban pop, 2,500-19,999, Metro adj	148	83.11%	1.203252	1.102348	1.45553
Urban pop, 2,500-19,999, nonadj	149	87.25%	1.146154	1.050038	1.38646
Rural, Metro adj	67	74.63%	1.34	1.227628	1.620949
Rural, nonadj	42	76.19%	1.3125	1.202434	1.587683
Virginia border state/DC	263	64.26%	1.556213	1.42571	1.882494
Other US State	226	39.38%	2.539326	2.326379	3.07173

Age	Age Weight			Total Weight	
	#	Rate	Weight	Min	Max
Under 30	462	62.55%	1.598616	1.355657	3.07173
30 to 34	479	74.11%	1.349296	1.144229	2.592663
35 to 39	388	79.12%	1.263844	1.071764	2.428467
40 to 44	429	80.19%	1.247093	1.057559	2.396281
45 to 49	404	80.94%	1.235474	1.047706	2.373955
50 to 54	339	82.60%	1.210714	1.026709	2.326379
55 to 59	296	76.35%	1.309735	1.11068	2.516646
60 and Over	228	70.61%	1.416149	1.200922	2.721121

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: 0.756694

