
Virginia's Physician Workforce: 2014

Healthcare Workforce Data Center

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27,402 Physicians 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 Medicine express our sincerest appreciation for your ongoing cooperation.

Thank You!

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Contents

At a Glance	1
Results in Brief	2
Survey Response Rates	3
The Workforce	4
Demographics	5
Background	6
Education	8
Medical Services	9
Current Employment Situation	10
Employment Quality	11
2014 Labor Market	12
Work Site Distribution	13
Establishment Type	14
Time Allocation	16
Patients	17
Retirement & Future Plans	19
Full-Time Equivalency Units	21
Maps	22
Council on Virginia’s Future Regions	22
Area Health Education Center Regions	23
Workforce Investment Areas	24
Health Services Areas	25
Planning Districts.....	26
Appendices	27
Weights	27

The Physician Workforce: At a Glance:

The Workforce

Licensees:	42,043
Virginia's Workforce:	24,493
FTEs:	25,704

Background

Rural Childhood:	18%
Med. School in VA:	22%
Residency in VA:	27%

Current Employment

Employed in Prof.:	96%
Hold 1 Full-time Job:	74%
Satisfied?:	94%

Survey Response Rate

All Licensees:	65%
Renewing Practitioners:	76%

Top Certifications

Internal Medicine:	23%
Family Medicine:	13%

Job Turnover

Switched Jobs in 2014:	5%
Employed over 2 yrs:	71%

Demographics

% Female:	36%
Diversity Index:	51%
Median Age:	50

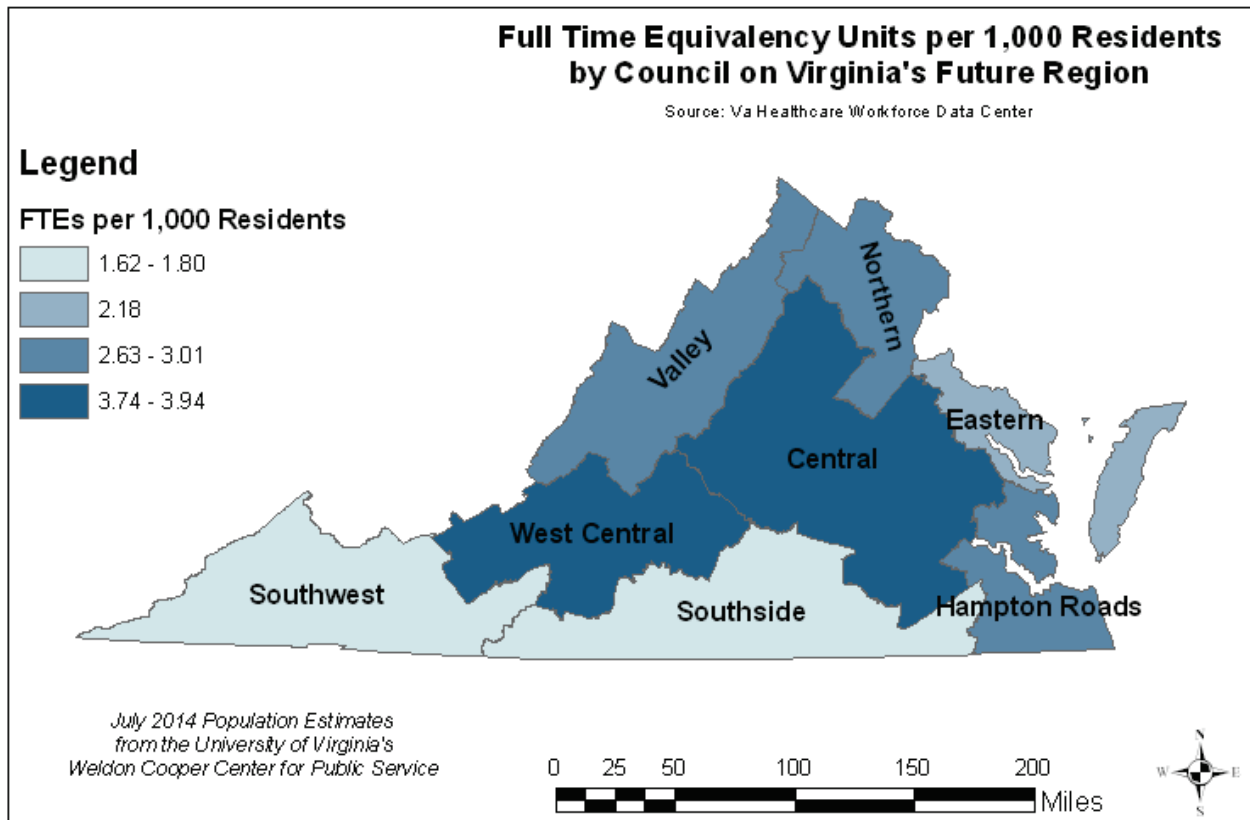
Finances

Median Inc.:	\$175k-\$200k
Health Benefits:	68%
Median Ed Debt:	\$0k-\$10k

Primary Roles

Patient Care:	83%
Administration:	4%
Education:	1%

Source: Va. Healthcare Workforce Data Center



27,402 physicians voluntarily took part in the 2014 Physician Workforce Survey. The Virginia Department of Health Professions' Healthcare Workforce Data Center (HWDC) administers the survey during the license renewal process, which takes place on a respondent's birth month during even-numbered years for physicians. These survey respondents represent 65% of the 42,043 physicians who are licensed in the state and 76% of renewing practitioners.

The HWDC estimates that 24,493 physicians 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 physician workforce provided 25,704 "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).

36% of all physicians are female, although this percentage increases to 49% among physicians who are under the age of 40. Overall, the median age of the physician workforce is 50. In a random encounter between two physicians, there is a 51% chance that they would be of different races or ethnicities, a measure known as the diversity index. This percentage is just slightly below the statewide average of 54%. Meanwhile, the physician workforce among those who are under the age of 40 is actually more diverse than Virginia's overall population.

18% of all physicians grew up in a rural area, but only 15% of these professionals currently work in non-Metro areas of the state. Overall, just 8% of Virginia's physicians work in non-Metro areas of the state. 22% of the physician workforce went to medical school in Virginia, while 27% undertook their initial residency in the state.

Virginia Commonwealth University, the University of Virginia, and the Eastern Virginia Medical School were the three most common medical schools attended by Virginia's physician workforce. The majority of all physicians carry less than \$10,000 in educational debt. However, the median debt load among those professionals who are under the age of 40 is between \$70,000 to \$80,000.

96% of physicians are currently employed in the profession, and involuntary unemployment is nearly nonexistent at the moment. Nearly three-quarters of Virginia's physicians hold one full-time position, while another 13% hold multiple positions. 71% of physicians have been at their primary work location for at least two years, while 15% of all physicians started work at a new location at some point in the past year.

The median annual income for Virginia's physician workforce is between \$175,000 and \$200,000. 61% of Virginia's physician workforce receives a salary at their primary work location, while 21% earn their income from the proceeds of their own business or practice. 94% of physicians indicate they are satisfied with their current employment situation, including 63% who indicate they are "very satisfied".

55% of all physicians work at a for-profit establishment, while 10% work for the federal government. Group private practices currently employ 39% of all physicians in Virginia, the most of any establishment type in the state. The inpatient departments of hospitals (14%) and solo private practices (13%) are also common establishment types for Virginia's physician workforce.

83% of all physicians serve a patient care role, meaning that they spend at least 60% of their time in this activity. The typical physician treats approximately 50 to 75 patients per week at their primary work location, and 60% of all physicians are currently accepting new patients at their primary work location.

One-third of all physicians expect to retire by the age of 65. 8% of the current workforce expects to retire in the next two years, while half of the current workforce expects to retire by 2034. Over the next two years, just 1% of all physicians expect to leave the profession, and 3% expect to leave the state to practice medicine elsewhere. Meanwhile, 10% of Virginia's physician workforce expects to increase patient care within the next two years, and 5% expect to pursue additional educational opportunities.

A Closer Look:

Licensees		
License Status	#	%
Renewing Practitioners	36,077	86%
New Licensees	2,433	6%
Non-Renewals	3,533	8%
All Licensees	42,043	100%

Source: Va. Healthcare Workforce Data Center

HWDC surveys tend to achieve very high response rates. 76% of renewing physicians submitted a survey. These represent 65% of physicians who held a license at some point in 2014.

Statistic	Response Rates		Response Rate
	Non Respondents	Respondent	
By Age			
Under 35	2,250	1,529	41%
35 to 39	2,286	3,316	59%
40 to 44	1,875	3,704	66%
45 to 49	1,598	3,786	70%
50 to 54	1,325	3,552	73%
55 to 59	1,384	3,623	72%
60 to 64	1,268	3,355	73%
65 and Over	2,655	4,537	63%
Total	14,641	27,402	65%
New Licenses			
Issued in 2014	2,433	0	0%
Metro Status			
Non-Metro	609	1,273	68%
Metro	7,283	15,712	68%
Not in Virginia	6,656	10,164	60%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Licensed Physicians

Number:	42,043
New:	6%
Not Renewed:	8%

Response Rates

All Licensees:	65%
Renewing Practitioners:	76%

Source: Va. Healthcare Workforce Data Center

Response Rates

Completed Surveys	27,402
Response Rate, all licensees	65%
Response Rate, Renewals	76%

Source: Va. Healthcare Workforce Data Center

Definitions

- 1. The Survey Period:** The survey was conducted throughout 2014 on the birth month of each respondent.
- 2. Target Population:** All physicians who held a Virginia license at some point in 2014.
- 3. Survey Population:** The survey was available to physicians who renewed their license online. It was not available to those who did not renew, including physicians newly licensed in 2014.

At a Glance:

Workforce

2014 Physician Workforce: 24,493
 FTEs: 25,704

Utilization Ratios

Licensees in VA Workforce: 58%
 Licensees per FTE: 1.64
 Workers per FTE: 0.95

Source: Va. Healthcare Workforce Data Center

Definitions

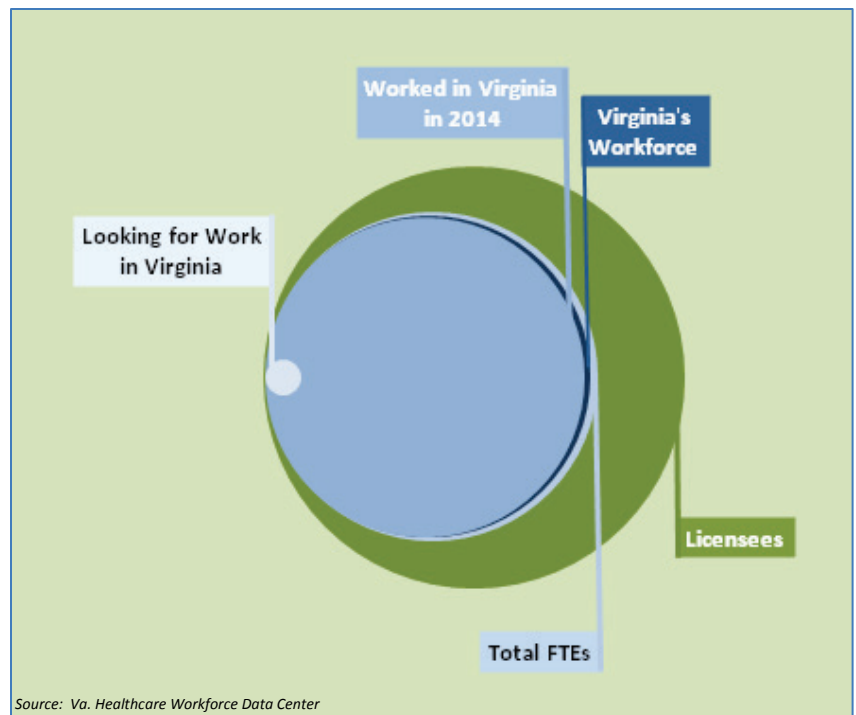
- 1. Virginia's Workforce:** A licensee with a primary or secondary work site in Virginia at any time in the past year or who indicated intent to return to Virginia's workforce at any point in the future.
- 2. Full Time Equivalency Unit (FTE):** The HWDC uses 2,000 (40 hours for 50 weeks) as its baseline 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 Physician Workforce		
Status	#	%
Worked in Virginia in Past Year	24,200	99%
Looking for Work in Virginia	293	1%
Virginia's Workforce	24,493	100%
Total FTEs	25,704	
Licensees	42,043	

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 35	900	47%	1,036	54%	1,937	8%
35 to 39	1,611	49%	1,666	51%	3,277	14%
40 to 44	1,848	55%	1,537	45%	3,385	14%
45 to 49	1,921	60%	1,267	40%	3,188	13%
50 to 54	1,792	63%	1,047	37%	2,839	12%
55 to 59	1,976	69%	880	31%	2,857	12%
60 to 64	1,991	74%	715	26%	2,705	11%
65 +	3,369	85%	576	15%	3,945	16%
Total	15,408	64%	8,724	36%	24,132	100%

Source: Va. Healthcare Workforce Data Center

Race & Ethnicity					
Race/Ethnicity	Virginia*	Physicians		Physicians Under 40	
	%	#	%	#	%
White	64%	15,917	67%	2,972	58%
Black	19%	1,737	7%	402	8%
Asian	6%	4,040	17%	1,165	23%
Other Race	0%	868	4%	241	5%
Two or more races	2%	306	1%	120	2%
Hispanic	8%	823	3%	193	4%
Total	100%	23,692	100%	5,093	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: 36%
 % Under 40 Female: 52%

Age

Median Age: 50
 % Under 40: 22%
 % 55+: 39%

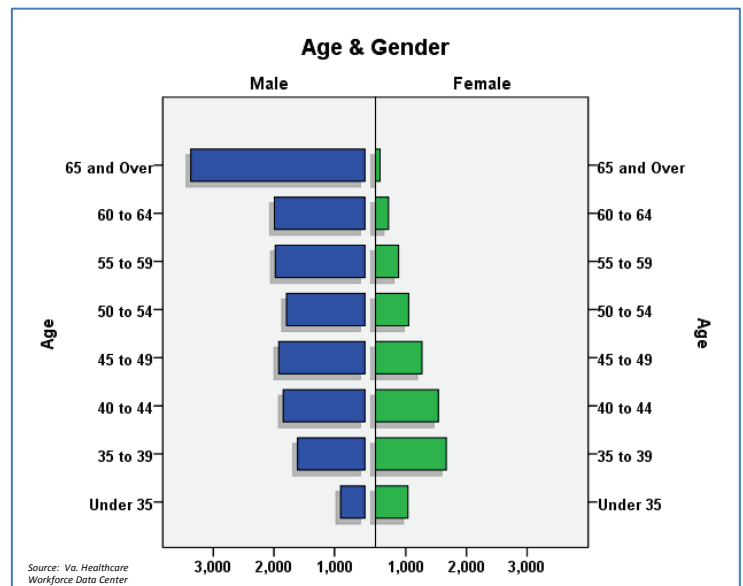
Diversity

Diversity Index: 51%
 Under 40 Div. Index: 60%

Source: Va. Healthcare Workforce Data Center

In a chance encounter between two physicians, there is a 51% 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%.

22% of all physicians are under the age of 40, and more than half of these professionals are female. In addition, there is a 60% chance that two randomly chosen physicians from this group would be of a different race or ethnicity.



Source: Va. Healthcare Workforce Data Center

At a Glance:

Childhood

Urban Childhood: 27%
 Rural Childhood: 18%

Virginia Background

HS in Virginia: 21%
 Med. School in VA: 22%
 Init. Residency in VA: 27%

Location Choice

% Rural to Non-Metro: 15%
 % Urban/Suburban to Non-Metro: 6%

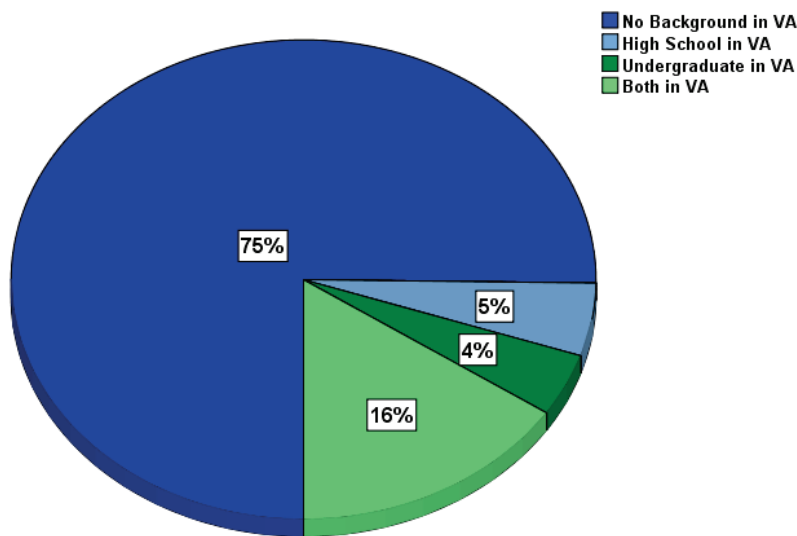
Source: Va. Healthcare Workforce Data Center

A Closer Look:

Primary Location: USDA Rural Urban Continuum		Rural Status of Childhood Location		
Code	Description	Rural	Suburban	Urban
Metro Counties				
1	Metro, 1 million+	14%	58%	28%
2	Metro, 250,000 to 1 million	26%	50%	25%
3	Metro, 250,000 or less	23%	57%	20%
Non-Metro Counties				
4	Urban pop 20,000+, Metro adj	27%	42%	32%
6	Urban pop, 2,500-19,999, Metro adj	36%	40%	25%
7	Urban pop, 2,500-19,999, nonadj	43%	31%	27%
8	Rural, Metro adj	32%	44%	24%
9	Rural, nonadj	30%	39%	31%
Overall		18%	56%	27%

Source: Va. Healthcare Workforce Data Center

Educational Background in Virginia



Source: Va. Healthcare Workforce Data Center

18% of physicians grew up in self-described rural areas, and 15% of these professionals currently work in Non-Metro counties. Overall, 8% of Virginia's physician workforce work in non-Metro counties of the state.

Top Ten States for Physician Recruitment

Rank	All Physicians			
	Medical School	#	Initial Residency	#
1	Virginia	4,939	Virginia	6162
2	Outside U.S./Canada	4,571	Washington, D.C.	2264
3	Pennsylvania	1,548	New York	2102
4	New York	1,391	Pennsylvania	1522
5	Washington, D.C.	1,370	Maryland	1244
6	Maryland	926	North Carolina	941
7	North Carolina	797	Ohio	746
8	Ohio	591	California	692
9	Illinois	545	Michigan	591
10	Texas	441	Texas	533

Source: Va. Healthcare Workforce Data Center

22% of physicians went to medical school in Virginia, while 27% completed their initial residency in the state.

Rank	Licensed in the Past 5 Years			
	Medical School	#	Initial Residency	#
1	Outside U.S./Canada	1,219	Virginia	1369
2	Virginia	894	New York	531
3	Pennsylvania	345	Washington, D.C.	397
4	New York	278	Pennsylvania	344
5	Washington, D.C.	251	Maryland	331
6	Maryland	249	Ohio	199
7	Ohio	162	North Carolina	196
8	North Carolina	147	Michigan	183
9	Illinois	126	California	140
10	Florida	125	New Jersey	131

Source: Va. Healthcare Workforce Data Center

Among physicians who have been licensed in the past five years, 17% received their medical degree in Virginia, while 26% completed their initial residency in the state.

42% of licensed physicians did not participate in Virginia's workforce in 2014. 94% of these physicians worked at some point in the past year, including 91% who currently work as physicians.

At a Glance:

Not in VA Workforce

Total:	17,618
% of Licensees:	42%
Federal/Military:	27%
VA Border State/DC:	19%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Medical Schools		
School	#	%
Virginia Commonwealth	2,493	10%
University of Virginia	1,563	6%
Eastern VA Medical School	993	4%
Georgetown University	641	3%
George Washington Univ.	568	2%
Uniformed Services Univ. of the Health Sciences	491	2%
University of Maryland	344	1%
Drexel University	327	1%
Jefferson Medical College	309	1%
University of North Carolina	275	1%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Top Medical Schools

VCU: 10%
 UVA: 6%
 East. Va. Med. School: 4%

Top Certifications

Internal Medicine: 23%
 Family Medicine: 13%
 Pediatrics: 10%

Source: Va. Healthcare Workforce Data Center

The median debt load among all physicians is less than \$10,000. However, among physicians who are under the age of 40, the median debt burden is between \$70,000 and \$80,000.

Board Certifications		
Area	#	%
Internal Medicine	5,736	23%
Family Medicine	3,129	13%
Pediatrics	2,474	10%
Surgery ¹	1,869	8%
Psychiatry/Neurology	1,654	7%
Emergency Medicine	1,266	5%
Radiology	1,129	5%
Anesthesiology	1,017	4%
Obstetrics/Gynecology	1,014	4%
Pathology	487	2%
At Least One Credential	20,631	84%

Source: Va. Healthcare Workforce Data Center

Educational Debt				
Amount Carried	All Physicians		Physicians under 40	
	#	%	#	%
\$10,000 or less	12,435	70%	1,396	34%
\$10,001-\$50,000	1,017	6%	391	9%
\$50,001-\$100,000	1,237	7%	523	13%
\$100,001-\$150,000	1,006	6%	536	13%
\$150,001-\$200,000	809	5%	487	12%
\$200,001-\$250,000	595	3%	411	10%
More than \$250,000	542	3%	390	9%
Total	17,639	100%	4,136	100%

Source: Va. Healthcare Workforce Data Center

Nearly one-quarter of Virginia's physician workforce holds a board certification in Internal Medicine. Overall, 84% of Virginia's physician workforce holds at least one board certification.

¹ Includes multiple board certifications: Surgery, Colon and Rectal Surgery, Neurological Surgery, Orthopaedic Surgery, Plastic Surgery, and Thoracic and Cardiac Surgery.

A Closer Look:

At a Glance:

Gov't Programs

Medicare Participant: 15%
 Medicare Non-Participating Provider: 66%
 Medicaid Participant: 62%

Medical Services

Meaningful Use of EHRs: 35%
 CPA - NP: 15%
 CPA - PA: 10%

Source: Va. Healthcare Workforce Data Center

Admitting Privileges		
Number of Facilities	#	%
Zero	9,378	41%
One	8,116	36%
Two	2,932	13%
Three	1,252	6%
Four or more	1,077	5%
Total	22,755	100%

Source: Va. Healthcare Workforce Data Center

15% of Virginia's physician workforce participates in the Medicare program, while 66% are non-participating Medicare providers. In addition, 62% of physicians participate in Virginia's Medicaid program.

Medical Services/Activities		
Service	#	%
Achieve Meaningful Use of EHRs	8,683	35%
Collaborative Practice Agreement – Nurse Practitioner	3,581	15%
Collaborative Practice Agreement – Physician Assistant	2,343	10%
Telemedicine or Remote Consulting	2,255	9%
Participate in an Accountable Care Organization	2,168	9%
Collaborative Practice Agreement - Pharmacist	508	2%
At least One Service	11,323	46%

Source: Va. Healthcare Workforce Data Center

Gov't Program Participation		
Medicare Participating Provider		
Yes	3,725	15%
No	20,442	85%
Total	24,167	100%
Medicare Non-Participating Provider		
Yes	15,849	66%
No	8,318	34%
Total	24,167	100%
Medicaid Participating Provider		
Yes	14,906	62%
No	9,261	38%
Total	24,167	100%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Employment

Employed in Profession: 96%
Involuntarily Unemployed: 0%

Positions Held

1 Full-Time: 74%
2 or more Positions: 13%

Weekly Hours:

40 to 49: 29%
60 or more: 26%
Less than 30: 10%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Current Work Status		
Status	#	%
Employed, capacity unknown	52	0%
Employed in a medicine or osteopathy related capacity	22,339	96%
Employed, NOT in a medicine or osteopathy related capacity	204	1%
Not working, reason unknown	0	0%
Involuntarily unemployed	36	0%
Voluntarily unemployed	251	1%
Retired	471	2%
Total	23,352	100%

Source: Va. Healthcare Workforce Data Center

96% of physicians are currently employed in the profession, and involuntarily unemployed is nearly nonexistent at the moment. Nearly three-quarters of all physicians currently hold one full-time job, while 13% have multiple positions. Just 29% of physicians work between 40 and 49 hours per week, while more than one-quarter work at least 60 hours per week.

Current Positions		
Positions	#	%
No Positions	758	3%
One Part-Time Position	2,913	13%
Two Part-Time Positions	708	3%
One Full-Time Position	16,219	71%
One Full-Time Position & One Part-Time Position	1,706	7%
Two Full-Time Positions	84	0%
More than Two Positions	387	2%
Total	22,775	100%

Current Weekly Hours		
Hours	#	%
0 hours	758	3%
1 to 9 hours	451	2%
10 to 19 hours	610	3%
20 to 29 hours	1,132	5%
30 to 39 hours	2,277	10%
40 to 49 hours	6,580	29%
50 to 59 hours	4,903	22%
60 to 69 hours	3,570	16%
70 to 79 hours	1,169	5%
80 or more hours	991	4%
Total	22,441	100%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Income		
Hourly Wage	#	%
Volunteer Work Only	335	2%
Less than \$50,000	774	4%
\$50,000-\$99,999	1,845	10%
\$100,000-\$149,999	2,706	15%
\$150,000-\$199,999	3,584	20%
\$200,000-\$249,999	3,192	18%
\$250,000-\$299,999	1,804	10%
\$300,000-\$349,999	1,283	7%
\$350,000-\$399,999	780	4%
\$400,000 or more	1,290	7%
Total	17,592	100%

At a Glance:

Earnings

Median Income: \$175k-\$200k

Benefits

Employer Health Ins.: 68%

Employer Retirement: 61%

Satisfaction

Satisfied 94%

Very Satisfied: 63%

Source: Va. Healthcare Workforce Data Center

Job Satisfaction		
Level	#	%
Very Satisfied	14,142	63%
Somewhat Satisfied	6,984	31%
Somewhat Dissatisfied	1,094	5%
Very Dissatisfied	325	1%
Total	22,545	100%

Source: Va. Healthcare Workforce Data Center

The typical physician earned between \$175,000 and \$200,000 in 2014. In addition, among physicians who received either an hourly wage or a salary at their primary work location, 68% received health insurance and 61% had access to a retirement plan.

Employer-Sponsored Benefits			
Benefit	#	%	% of Wage/Salary Employees
Health Insurance	13,055	58%	68%
Paid Vacation	11,847	53%	64%
Retirement	11,769	53%	61%
Dental Insurance	10,473	47%	57%
Group Life Insurance	8,909	40%	49%
Paid Sick Leave	8,877	40%	48%
Signing/Retention Bonus	2,750	12%	16%
At Least One Benefit	15,687	70%	80%

*From any employer at time of survey.

A Closer Look:

Underemployment in Past Year		
In the past year did you . . . ?	#	%
Experience Involuntary Unemployment?	152	1%
Experience Voluntary Unemployment?	767	3%
Work Part-time or temporary positions, but would have preferred a full-time/permanent position?	354	1%
Work two or more positions at the same time?	3,329	14%
Switch employers or practices?	1,351	6%
Experienced at least one	5,182	21%

Source: Va. Healthcare Workforce Data Center

Only 1% of Virginia’s physicians experienced involuntary unemployment at some point in the past year. By comparison, Virginia’s average monthly unemployment rate was 5.2%.²

Location Tenure				
Tenure	Primary		Secondary	
	#	%	#	%
Not Currently Working at this Location	564	3%	386	6%
Less than 6 Months	825	4%	545	9%
6 Months to 1 Year	1,417	6%	632	11%
1 to 2 Years	3,596	16%	1,071	18%
3 to 5 Years	4,509	20%	1,222	20%
6 to 10 Years	3,764	17%	836	14%
More than 10 Years	7,497	34%	1,305	22%
Subtotal	22,173	100%	5,997	100%
Did not have location	324		18,246	
Item Missing	1,996		250	
Total	24,493		24,493	

Source: Va. Healthcare Workforce Data Center

61% of physicians received a salary at their primary work location, while 21% earned income from their own business or practice.

At a Glance:

Unemployment Experience 2014

Involuntarily Unemployed: 1%
Underemployed: 1%

Turnover & Tenure

Switched Jobs: 6%
New Location: 15%
Over 2 years: 71%
Over 2 yrs, 2nd location: 56%

Employment Type

Salary/Commission: 61%
Business/Pract. Income: 21%

Source: Va. Healthcare Workforce Data Center

71% of physicians 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	11,635	61%
Business/ Practice Income	4,069	21%
Hourly Wage	2,258	12%
By Contract	783	4%
Unpaid	266	1%
Subtotal	19,011	100%

Source: Va. Healthcare Workforce Data Center

² 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:	30%
Top 3 Regions:	74%
Lowest Region:	1%

Locations

2 or more (2014):	28%
2 or more (Now*):	26%

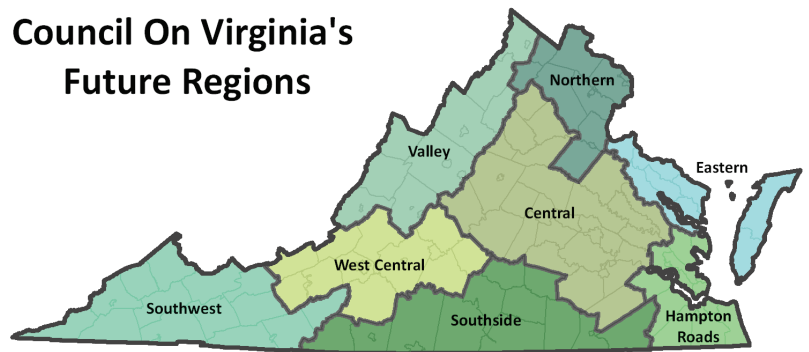
Source: Va. Healthcare Workforce Data Center

A Closer Look:

Regional Distribution of Work Locations				
COVF Region	Primary Location		Secondary Location	
	#	%	#	%
Central	5,320	24%	1,151	19%
Eastern	306	1%	110	2%
Hampton Roads	4,354	20%	1,054	17%
Northern	6,659	30%	1,850	31%
Southside	543	2%	163	3%
Southwest	719	3%	208	3%
Valley	1,167	5%	257	4%
West Central	2,422	11%	594	10%
Virginia Border State/DC	306	1%	268	4%
Other US State	315	1%	382	6%
Outside of the US	6	0%	21	0%
Total	22,117	100%	6,058	100%
Item Missing	1,898		126	

30% of all physicians work in Northern Virginia, the most of any region in the state. In addition, nearly one-quarter of all physicians work in Central Virginia.

Council On Virginia's Future Regions



26% of all physicians currently have multiple work locations, while 28% of physicians have had at least two work locations over the past year.

Locations	Number of Work Locations			
	Work Locations in Past Year		Work Locations Now*	
	#	%	#	%
0	293	1%	688	3%
1	15,880	71%	15,915	71%
2	2,459	11%	2,442	11%
3	2,851	13%	2,626	12%
4	425	2%	368	2%
5	197	1%	138	1%
6 or More	266	1%	194	1%
Total	22,371	100%	22,371	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	11,348	55%	3,361	61%
Non-Profit	5,317	26%	1,408	25%
State/Local Government	1,889	9%	406	7%
Veterans Administration	517	3%	131	2%
U.S. Military	1,340	7%	186	3%
Other Federal Government	181	1%	61	1%
Total	20,592	100%	5,553	100%
Did not have location	324		18,246	
Item Missing	3,575		694	

Source: Va. Healthcare Workforce Data Center

At a Glance: (Primary Locations)

Sector

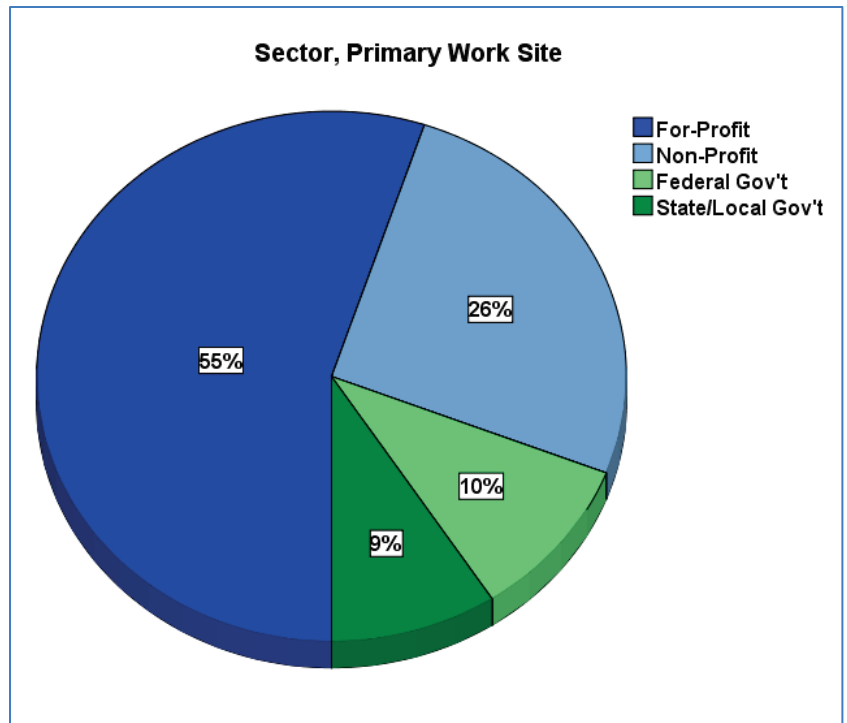
For Profit:	55%
Federal:	10%

Top Establishments

Group Private Practice:	39%
Hospital – Inpatient:	14%
Solo Private Practice:	13%

Source: Va. Healthcare Workforce Data Center

81% of all physicians work in the private sector, including 55% who work at for-profit establishments. Another 10% of Virginia's physician workforce work for the federal government.

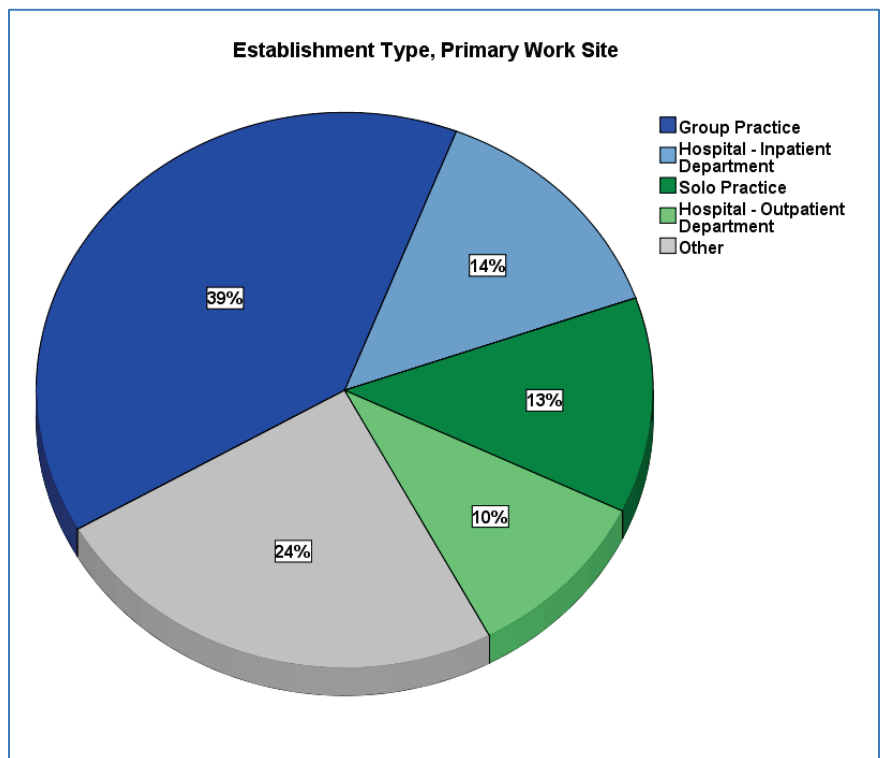


Source: Va. Healthcare Workforce Data Center

Establishment Type	Location Type			
	Primary Location		Secondary Location	
	#	%	#	%
Group Practice	8,056	39%	1,955	35%
Hospital - Inpatient Department	2,817	14%	866	15%
Solo Practice	2,577	13%	489	9%
Hospital - Outpatient Department	2,068	10%	460	8%
Hospital - Emergency Department	1,299	6%	432	8%
Community Clinic/Outpatient Care Center	825	4%	420	8%
Medical/Osteopathic School or Parent University	693	3%	112	2%
Insurance Organization	246	1%	52	1%
Mental Health Facility	221	1%	97	2%
Nursing Home/Long-Term Care Facility	102	0%	120	2%
Outpatient Surgical Center	99	0%	0	0%
Supplier Organization	27	0%	22	0%
Other	1,509	7%	565	10%
Total	20,539	100%	5,590	100%
Did Not Have a Location	324		18,246	

Group Private Practices are the most common establishment type among Virginia's physicians with a primary work location. The Inpatient Departments of Hospitals and Solo Private Practices are also typical primary establishment types.

Source: Va. Healthcare Workforce Data Center



Group Private Practices are also the most common establishment type among physicians with a secondary work location.

Source: Va. Healthcare Workforce Data Center

At a Glance: (Primary Locations)

A Typical Physician's Time

Patient Care: 80%-89%
Administration: 1%-9%
Education: 1%-9%

Roles

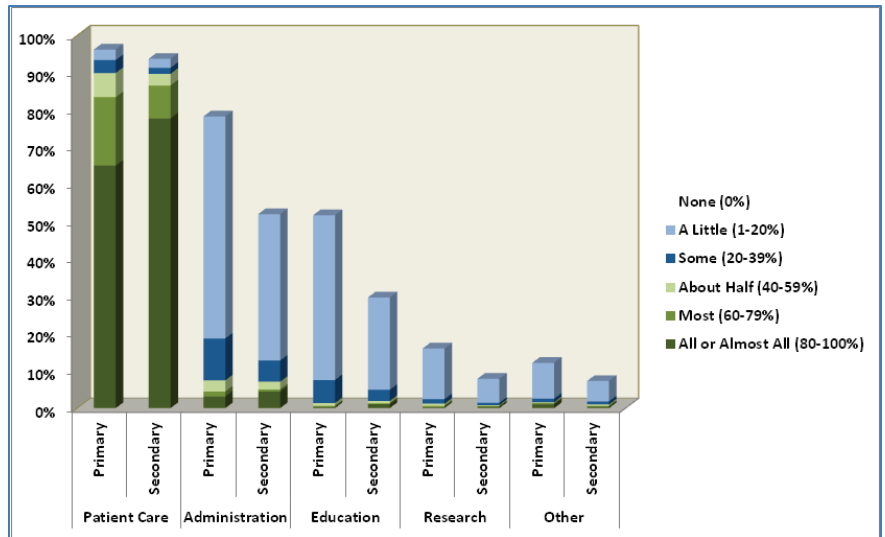
Patient Care: 83%
Administrative: 4%
Education: 1%

Patient Care Physicians

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

Source: Va. Healthcare Workforce Data Center

A Closer Look:



Source: Va. Healthcare Workforce Data Center

The typical physician spends most of their time in patient care activities. In fact, 83% of all physicians fill a patient care role, defined as spending at least 60% of their time in that activity. Another 4% of physicians fill an administrative role.

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%)	65%	78%	3%	4%	0%	1%	0%	0%	1%	0%
Most (60-79%)	18%	9%	1%	1%	0%	0%	0%	0%	0%	0%
About Half (40-59%)	6%	3%	3%	2%	1%	1%	1%	0%	0%	0%
Some (20-39%)	3%	2%	11%	6%	6%	3%	1%	1%	1%	1%
A Little (1-20%)	3%	2%	60%	39%	44%	25%	14%	6%	10%	5%
None (0%)	4%	6%	22%	48%	48%	70%	84%	92%	88%	92%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Number of Patients/Week

Primary (Median): 50-75
 Secondary (Median): 1-25

Accepts New Patients?

Primary: 60%
 Secondary: 49%

Medicare/Medicaid

New Medicare Patients: 69%
 New Medicaid Patients: 70%

Source: Va. Healthcare Workforce Data Center

60% of physicians are accepting new patients at their primary work location.

A Closer Look:

Patient Care Activities Predominantly Primary Care?				
Response	Primary Location		Secondary Location	
	#	%	#	%
Yes	8,548	42%	1,903	36%
No	11,596	58%	3,418	64%
Total	20,144	100%	5,321	100%
Question Inapplicable to Respondent	1,756		18,758	

Source: Va. Healthcare Workforce Data Center

Accepting New Patients?				
Response	Primary Location		Secondary Location	
	#	%	#	%
Yes				
I can accept some additional patients	6,856	33%	1,246	22%
I can accept many additional patients	5,858	28%	1,564	27%
No/Not Applicable				
I do not manage my patient load at this location	5,385	26%	1,899	33%
I do not provide patient care at this location	2,116	10%	866	15%
I cannot accept any additional patients	822	4%	165	3%
Total	21,037	100%	5,740	100%

Source: Va. Healthcare Workforce Data Center

Patients Visits Per Week				
Number of Visits	Primary Location		Secondary Location	
	#	%	#	%
None	1967	9%	738	13%
1 to 24	3197	15%	2630	46%
25 to 49	4396	21%	1225	21%
50 to 74	4136	20%	531	9%
75 to 99	3306	16%	258	4%
100 to 124	2448	12%	183	3%
125 to 149	785	4%	48	1%
150 or more	965	5%	140	2%
Total	21,200	100%	5,753	100%

Source: Va. Healthcare Workforce Data Center

The typical physician treats between 50 and 75 patients per week at their primary work location

New Patient Capacity				
Number of Patients	Primary Location		Secondary Location	
	#	%	#	%
Less than 50	4,315	35%	1,129	41%
50 to 99	2,743	22%	614	22%
100 to 199	1,978	16%	377	14%
200 to 299	912	7%	167	6%
300 to 399	458	4%	92	3%
400 to 499	384	3%	60	2%
500 to 749	427	3%	50	2%
750 to 999	139	1%	19	1%
1,000 or more	932	8%	256	9%
Total	12,288	100%	2,764	100%

Source: Va. Healthcare Workforce Data Center

Among physicians who are accepting new patients at their primary work location, 35% can accept no more than 50 patients, while 22% can accept between 50 and 99 new patients.

Accepting New Medicare/Medicaid Patients?				
Response	Primary Location		Secondary Location	
	#	%	#	%
Medicaid				
Yes	8,869	70%	2,066	73%
No, I am not a Medicaid provider	2,654	21%	550	19%
No, I am a Medicaid Provider, but am not accepting new Medicaid patients	1,199	9%	217	8%
Total	12,722	100%	2,833	100%
Medicare				
Yes	10,899	69%	-	-
No	4,948	31%	-	-
Total	15,847	100%	-	-

Source: Va. Healthcare Workforce Data Center

Among physicians who are accepting new patients at their primary work location, 70% are accepting new Medicaid patients and 69% are accepting new Medicare patients.

Among physicians who are accepting new patients at their primary work location, 94% have seen no change in their status concerning new Medicaid patients over the past 12 months.

Status Change for New Medicaid Patients in Past Year?				
Response	Primary Location		Secondary Location	
	#	%	#	%
Yes	808	6%	194	7%
No	11,991	94%	2,645	93%
Total	12,799	100%	2,839	100%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Retirement Expectations				
Expected Retirement Age	All Physicians		Physicians Over 50	
	#	%	#	%
Under age 50	177	1%	-	-
50 to 54	444	2%	57	1%
55 to 59	1,379	7%	348	4%
60 to 64	4,091	22%	1,663	17%
65 to 69	6,546	35%	3,478	36%
70 to 74	3,100	17%	2,132	22%
75 to 79	952	5%	701	7%
80 or over	452	2%	324	3%
I do not intend to retire	1,450	8%	893	9%
Total	18,593	100%	9,596	100%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Retirement Expectations

All Physicians

Under 65: 33%
Under 60: 11%

Physicians 50 and over

Under 65: 22%
Under 60: 4%

Time until Retirement

Within 2 years: 8%
Within 10 years: 29%
Half the workforce: by 2034

Source: Va. Healthcare Workforce Data Center

One-third of all physicians expect to retire before the age of 65, while 32% plan on working until at least age 70. Among physicians who are age 50 and over, 22% still expect to retire by age 65, while 42% plan on working until at least age 70.

Within the next two years, just 1% of Virginia’s physicians expect to leave the profession and 3% plan on leaving the state to practice medicine elsewhere. Meanwhile, 10% of physicians plan on increasing patient care hours, and 5% also plan to pursue additional educational opportunities.

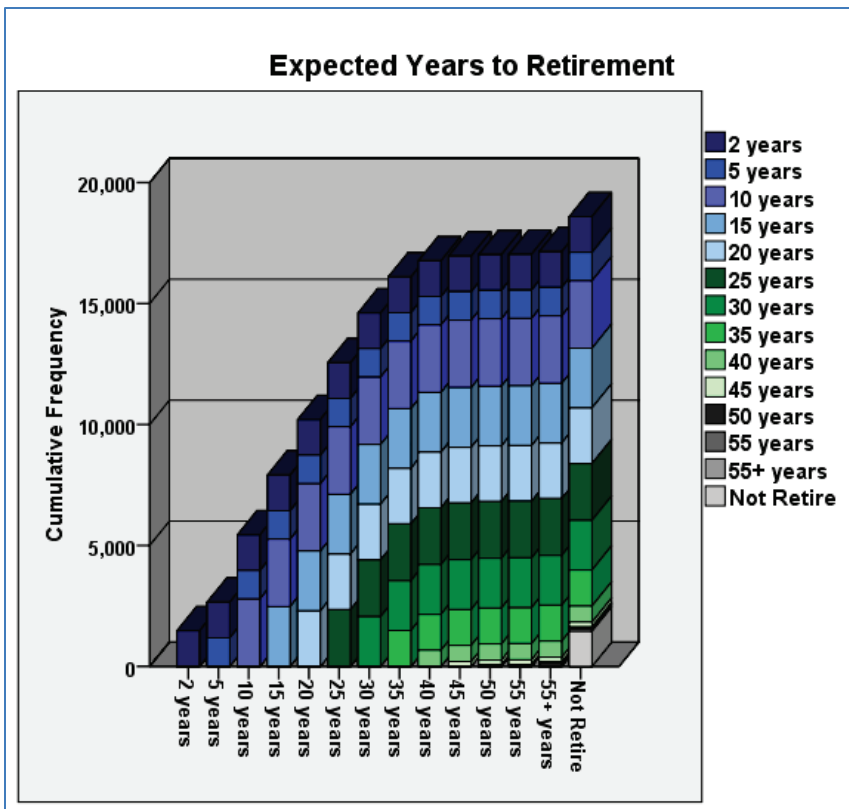
Future Plans		
Two-Year Plans:	#	%
Decrease Participation		
Leave Profession	312	1%
Leave Virginia	754	3%
Decrease Patient Care Hours	2,644	11%
Decrease Teaching Hours	215	1%
Increase Participation		
Increase Patient Care Hours	2,509	10%
Increase Teaching Hours	1,731	7%
Pursue Additional Education	1,143	5%
Return to Virginia’s Workforce	102	0%

Source: Va. Healthcare Workforce Data Center

By comparing retirement expectation to age, we can estimate the maximum years to retirement for physicians. 8% of physicians expect to retire within the next two years, while 29% plan on retiring in the next ten years. Half of the current physician workforce expects to be retired by 2034.

Time to Retirement			
Expect to retire within. . .	#	%	Cumulative %
2 years	1,475	8%	8%
5 years	1,180	6%	14%
10 years	2,784	15%	29%
15 years	2,471	13%	43%
20 years	2,296	12%	55%
25 years	2,346	13%	68%
30 years	2,059	11%	79%
35 years	1,484	8%	87%
40 years	669	4%	91%
45 years	200	1%	92%
50 years	58	0%	92%
55 years	14	0%	92%
In more than 55 years	105	1%	93%
Do not intend to retire	1,450	8%	100%
Total	18,593	100%	

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 13% of the current workforce around 2039 before declining to under 10% of the current workforce again around 2049.

At a Glance:

FTEs

Total: 25,704
 FTEs/1,000 Residents: 3.087
 Average: 1.06

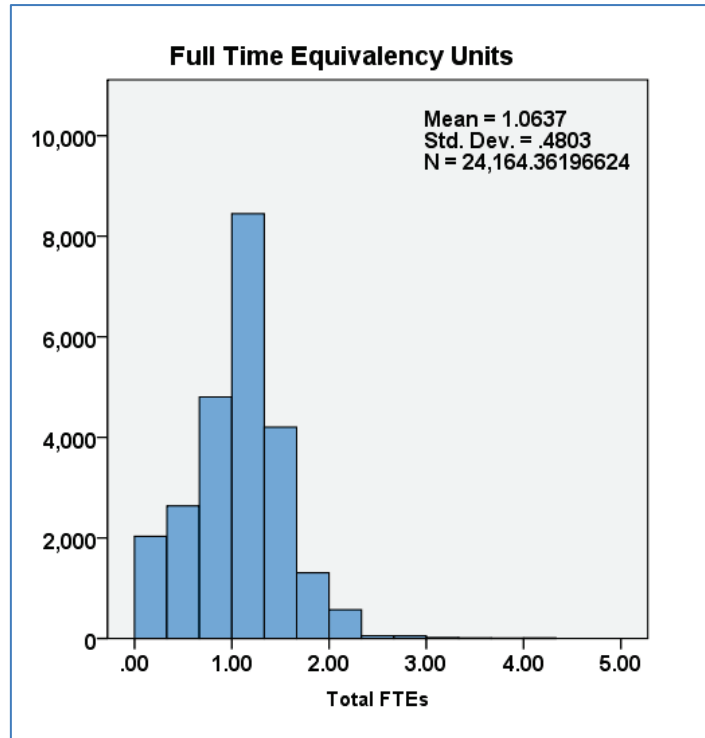
Age & Gender Effect

Age, Partial Eta²: Small
 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:

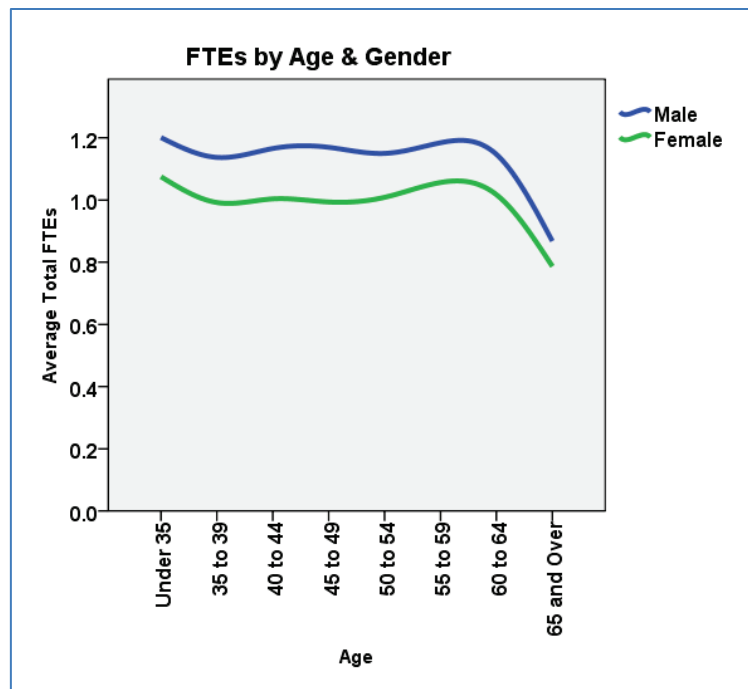


Source: Va. Healthcare Workforce Data Center

The typical physician provided 1.08 FTEs in 2014, or approximately 42 hours per week for 52 weeks. Although FTEs appear to vary by age and gender, statistical tests did not verify that a difference exists.³

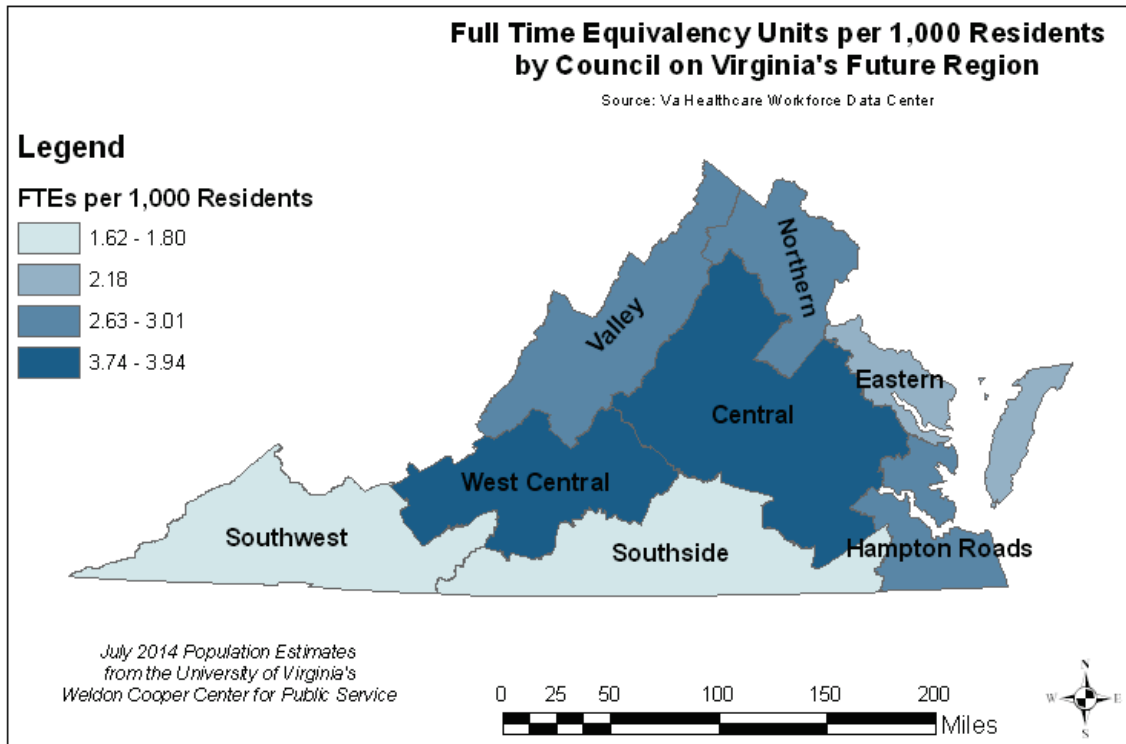
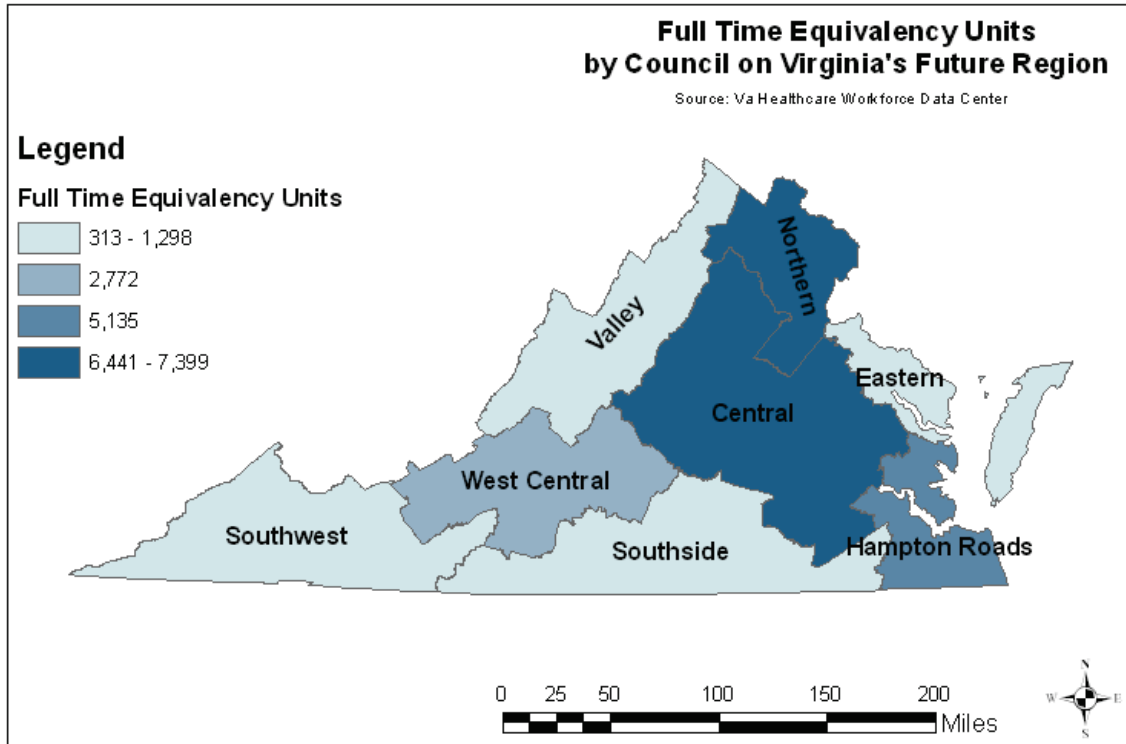
Full-Time Equivalency Units		
Age	Average	Median
Age		
Under 30	1.14	1.10
30 to 34	1.06	1.09
35 to 39	1.09	1.12
40 to 44	1.10	1.07
45 to 49	1.10	1.08
50 to 54	1.15	1.09
55 to 59	1.11	1.09
60 and Over	0.85	0.83
Gender		
Male	1.10	1.09
Female	1.00	1.03

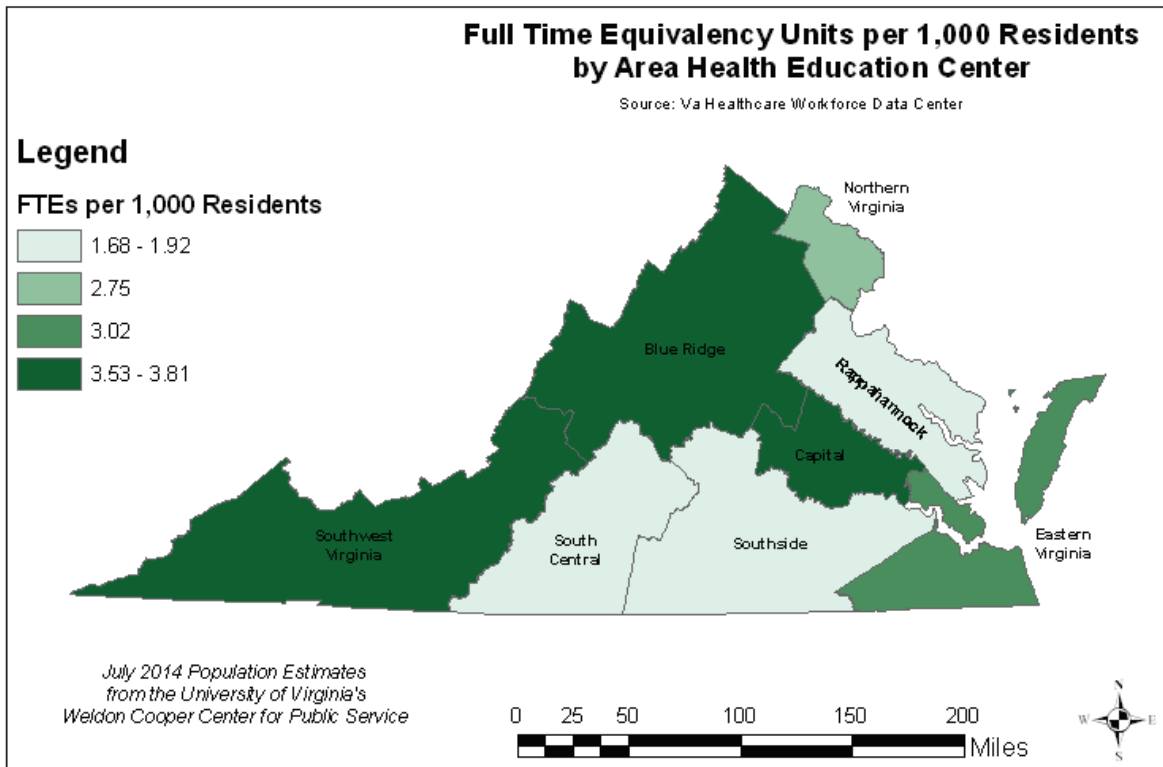
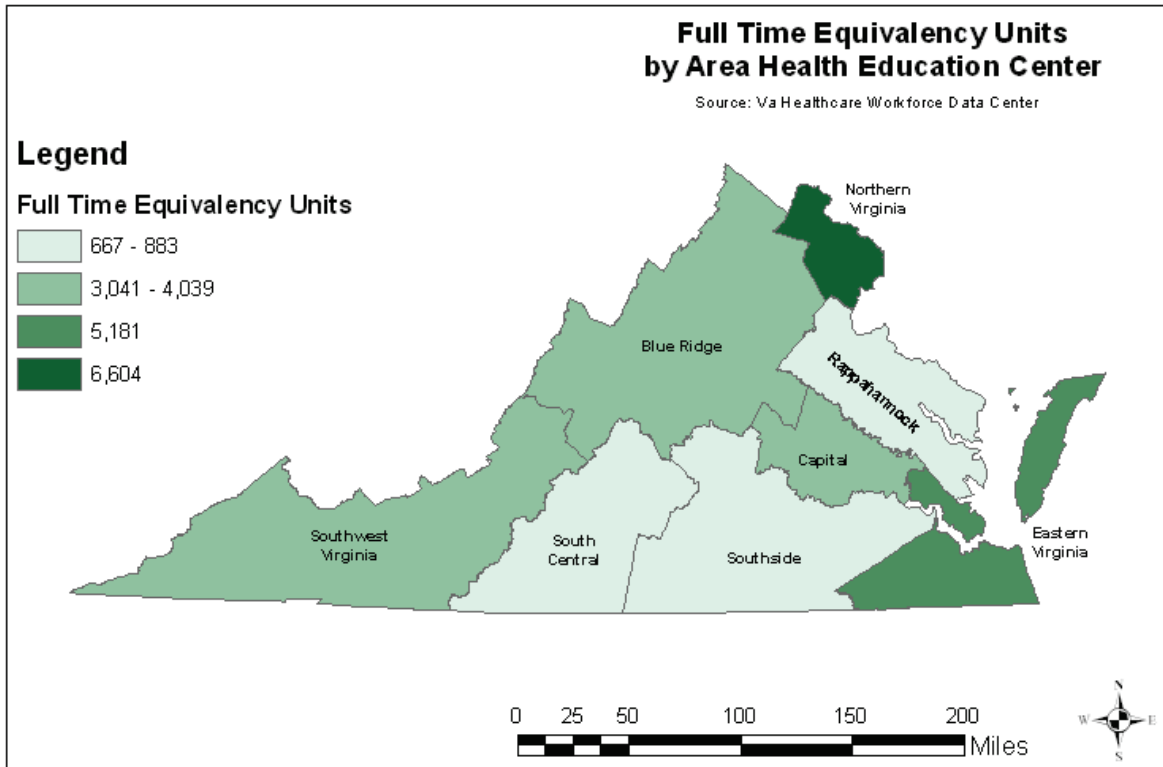
Source: Va. Healthcare Workforce Data Center

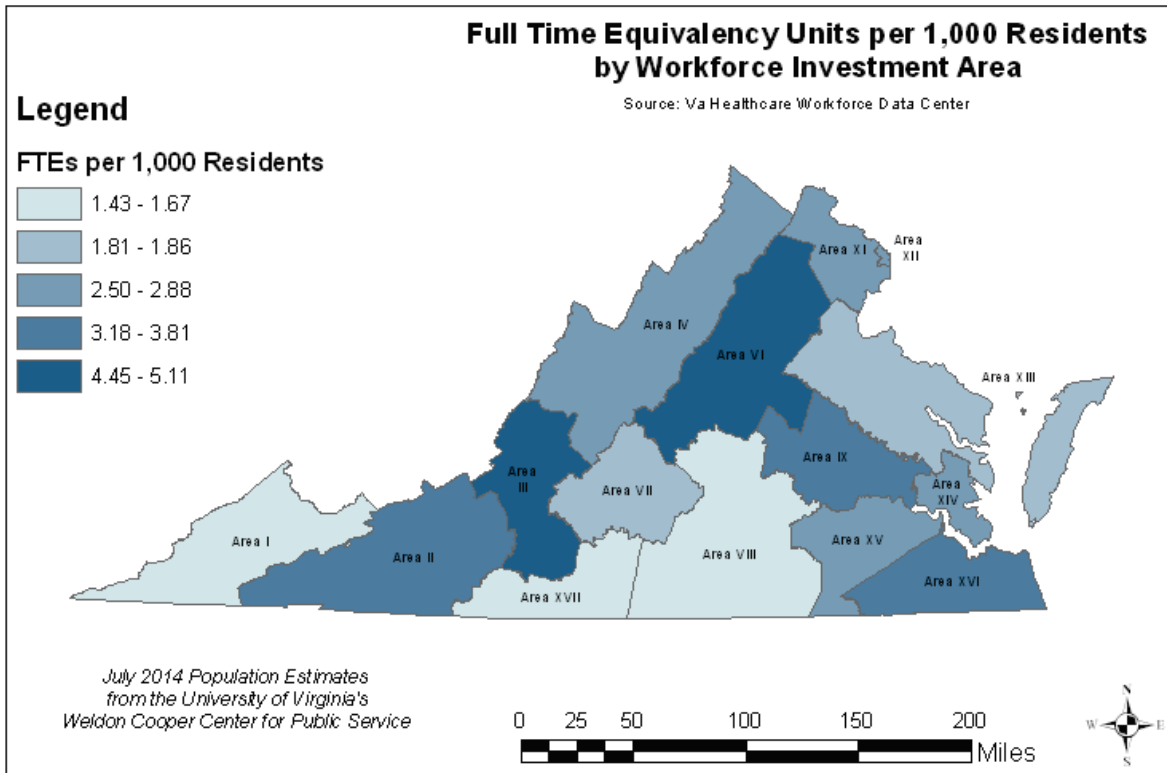
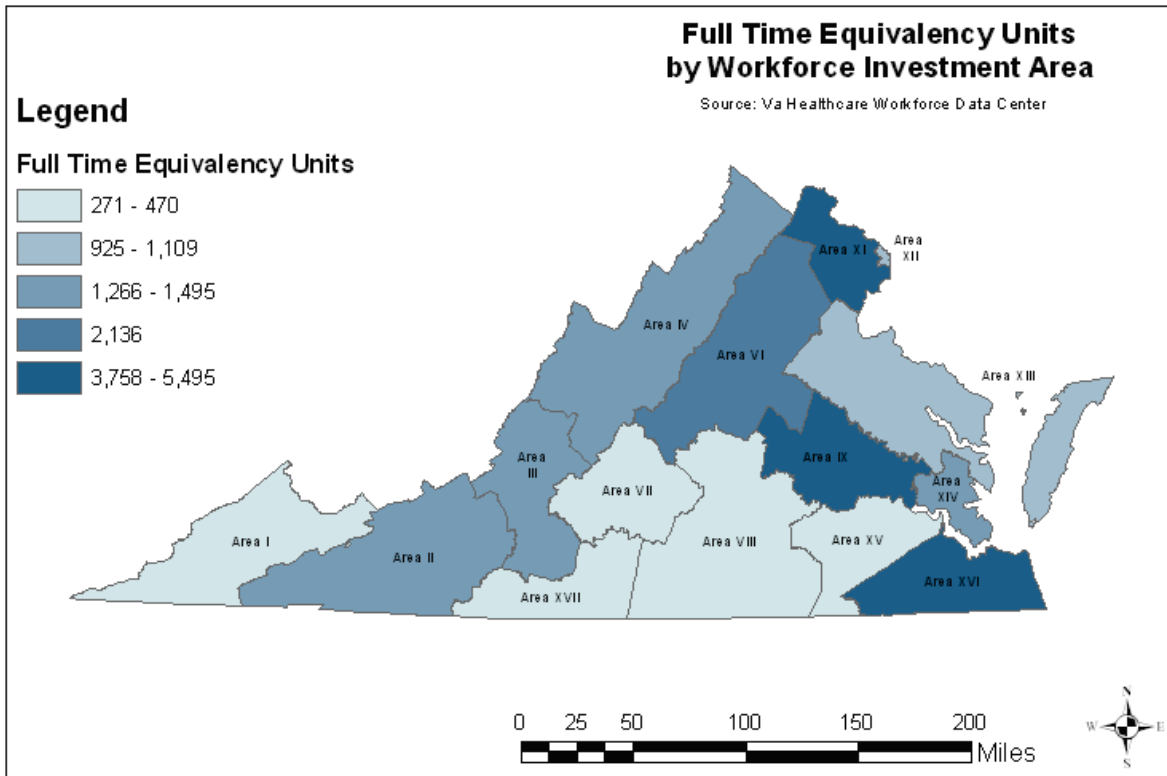


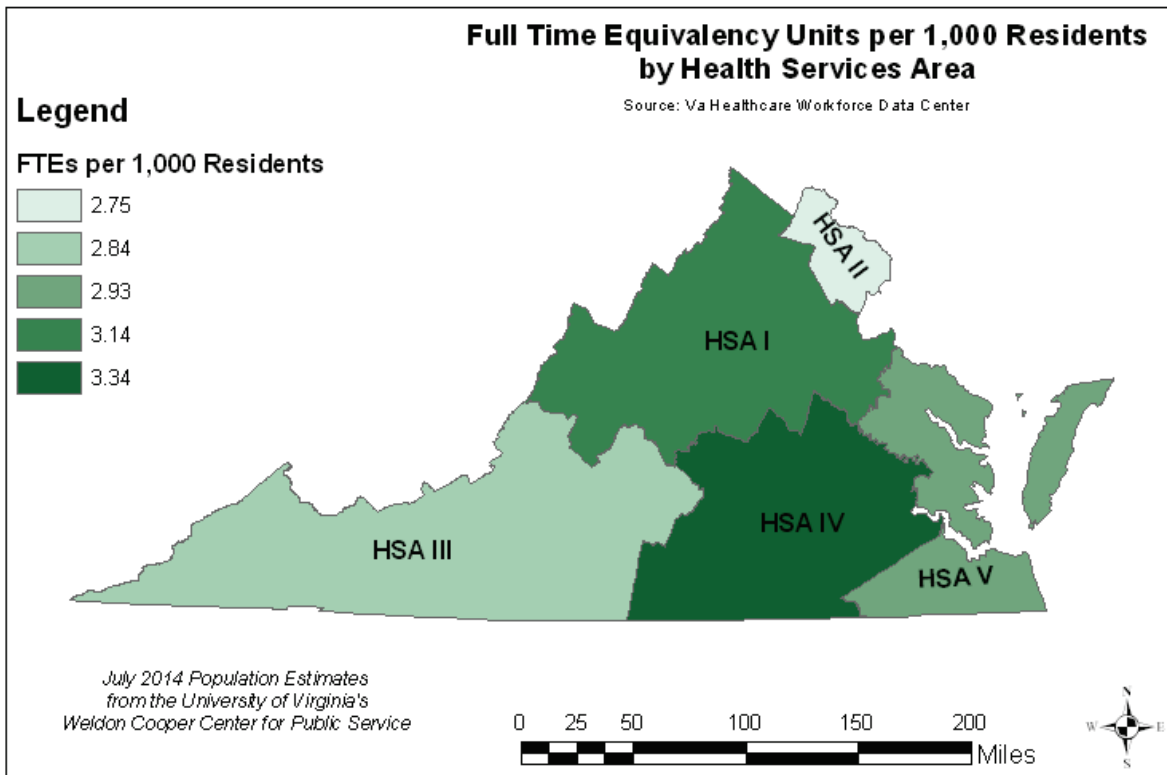
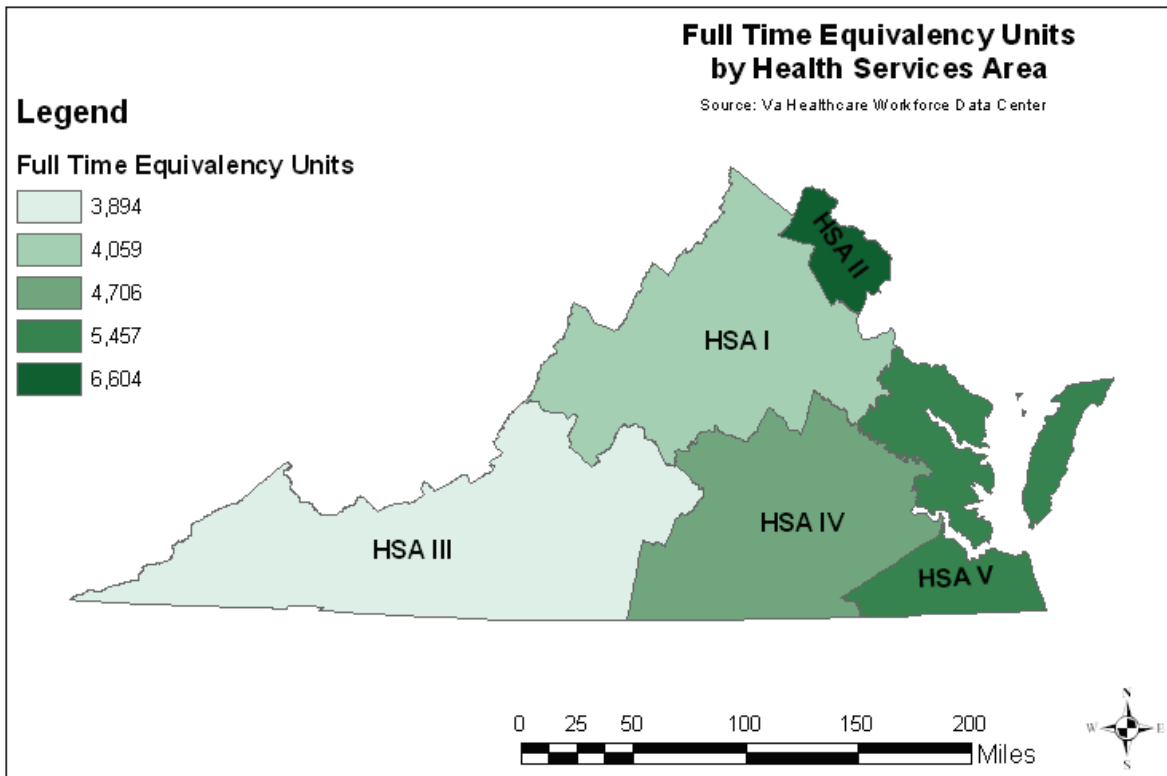
Source: Va. Healthcare Workforce Data Center

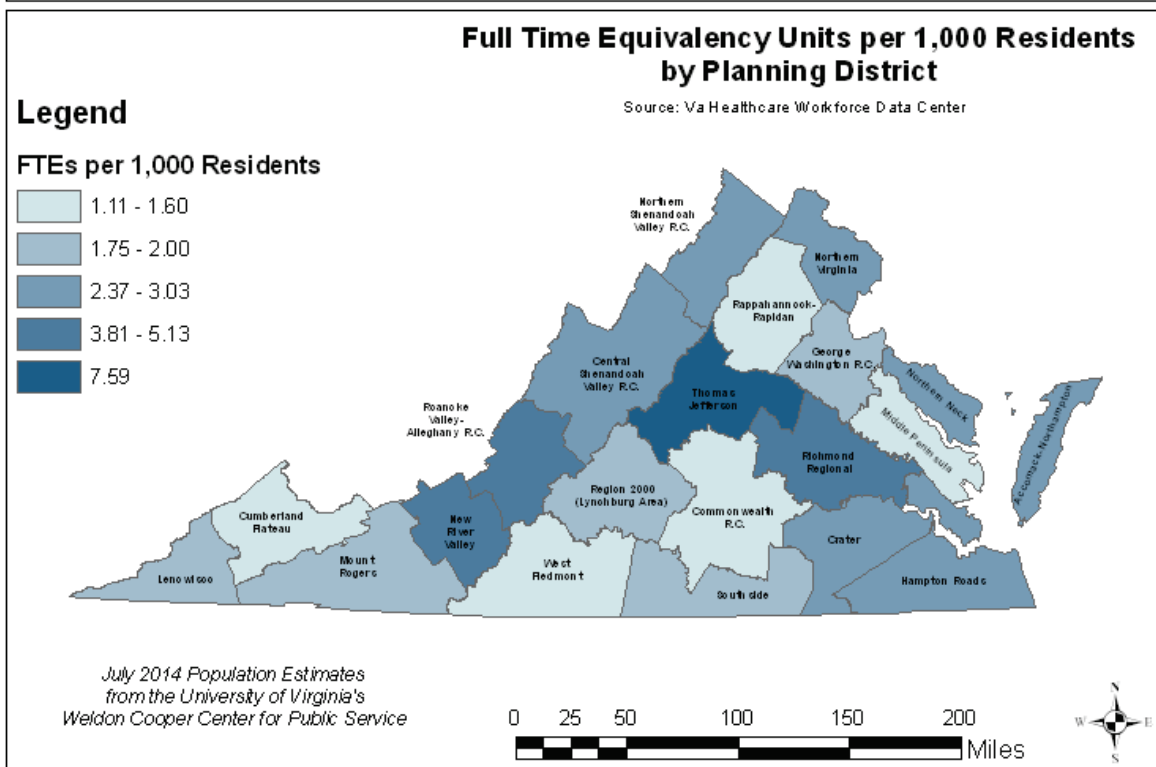
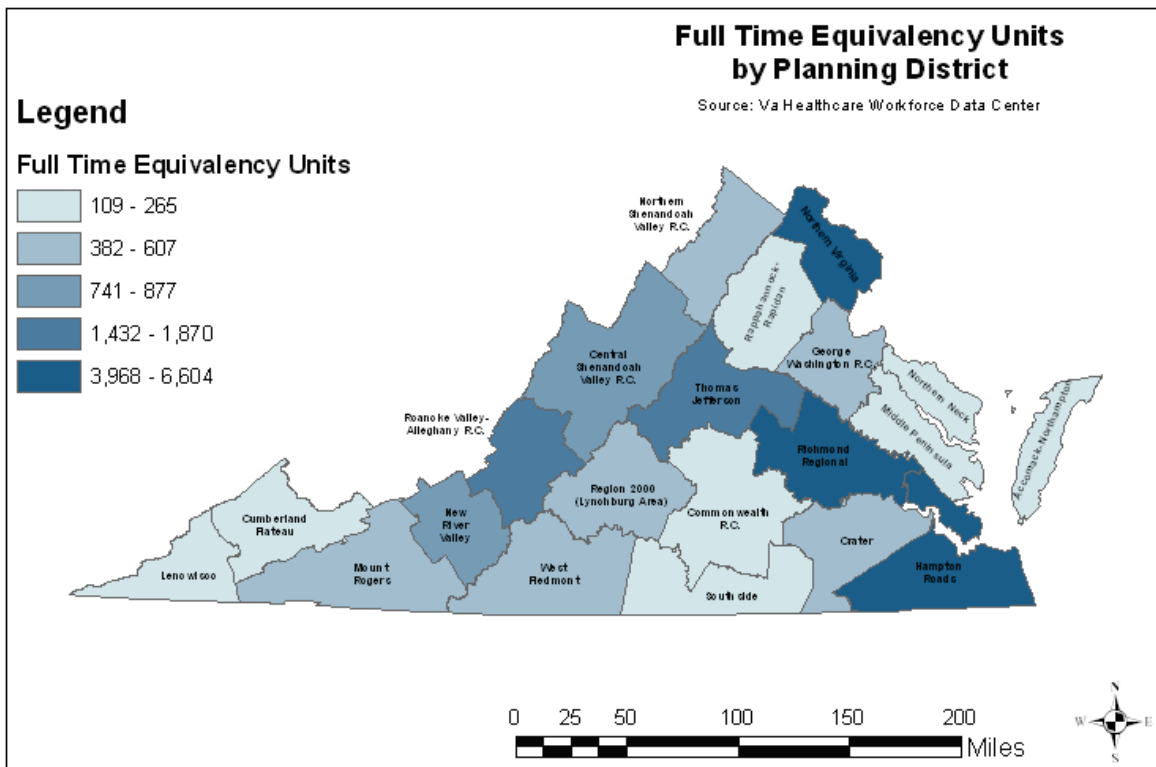
³ Due to assumption violations in Mixed between-within ANOVA (Levene's Test was significant).











Appendices

Weights

Rural Status	Location Weight			Total Weight	
	#	Rate	Weight	Min	Max
Metro, 1 million+	17,508	68.48%	1.460217	1.30673	2.352206
Metro, 250,000 to 1 million	2,132	68.81%	1.453306	1.300545	2.341074
Metro, 250,000 or less	3,355	67.21%	1.487805	1.331418	2.396646
Urban pop 20,000+, Metro adj	265	64.91%	1.540698	1.378751	2.481849
Urban pop 20,000+, nonadj	0	NA	NA	NA	NA
Urban pop, 2,500-19,999, Metro adj	649	70.11%	1.426374	1.276444	2.297689
Urban pop, 2,500-19,999, nonadj	392	67.09%	1.490494	1.333824	2.400979
Rural, Metro adj	401	66.08%	1.513208	1.35415	2.437566
Rural, nonadj	175	67.43%	1.483051	1.327163	2.388988
Virginia border state/DC	7,863	62.53%	1.599146	1.431055	2.576001
Other US State	8,957	58.58%	1.707071	1.527636	2.749853

Age	Age Weight			Total Weight	
	#	Rate	Weight	Min	Max
Under 35	3,779	40.46%	2.47155	2.297689	2.749853
35 to 39	5,602	59.19%	1.689385	1.570545	1.879614
40 to 44	5,579	66.39%	1.50621	1.400255	1.675813
45 to 49	5,384	70.32%	1.422081	1.322045	1.582211
50 to 54	4,877	72.83%	1.373029	1.276444	1.527636
55 to 59	5,007	72.36%	1.382004	1.284787	1.537621
60 to 64	4,623	72.57%	1.377943	1.281012	1.533103
65 and Over	7,192	63.08%	1.585188	1.473679	1.763685

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: 0.651761

