Virginia's Physical Therapist Workforce: 2012

Healthcare Workforce Data Center

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Over 4,900 Physical Therapists voluntarily participated in this survey. Without their efforts the work of the center would not be possible. The Department of Health Professions, the Healthcare Workforce Data Center, and the Board of Physical Therapy express our sincerest appreciation for your ongoing cooperation.

Thank You!

Virginia Department of Health Professions

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The Physical Therapist Workforce: At a Glance:

The Workforce

Licensees: 6,663 Virginia's Workforce: 5,434 FTEs: 4,788

Survey Response Rate

All Licensees: 74% Renewing Practitioners: 89%

Demographics

% Female: 77%
Diversity Index: 32%
Median Age: 41

Source: Va. Healthcare Workforce Data Cente

Background

Rural Childhood: 27% HS Degree in VA: 36% Prof. Degree in VA: 45%

Education

Masters or Higher: 71% Doctorate: 41%

Finances

Median Income: \$70k-\$80k Health Benefits: 59% Under 40 w/ Ed debt: 66%

Current Employment

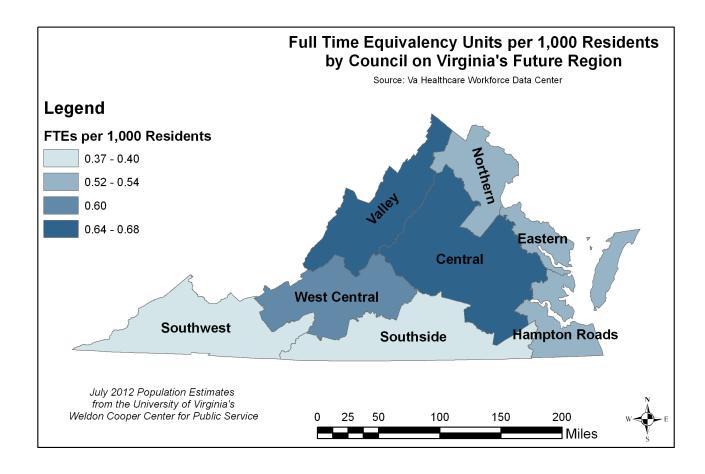
Employed in Prof.: 95% Hold 1 Full-time Job: 60% Satisfied?: 97%

Job Turnover

Switched Jobs in 2012: 10% Employed over 2 yrs: 60%

Typical PT Time

Patient Care: 90-99% Administration: 1-9% PTs primarily in PC: 87%



Over 4,900 Physical Therapists voluntarily took part in the 2012 Physical Therapy Workforce Survey. The Virginia Department of Health Professions' Healthcare Workforce Data Center (HWDC) administers the survey during the license renewal process, which for physical therapists occurs in December. These survey respondents represent 74% of the 6,663 physical therapists licensed in the state and 88% of renewing practitioners.

The HWDC estimates that about 5,434 physical therapists were in Virginia's workforce in 2012, 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 as a physical therapist at some point. These physical therapists provided 4,788 "full-time equivalency units" in 2012, which the HWDC defines simply as working 2,000 hours a year (or 40 hours per week for 50 weeks with 2 weeks off).

95% of Virginia's physical therapists were employed in physical therapy at the time of the survey. About 3 out of 5 physical therapists held one full-time position, while 21% held one part-time position. The remainder held two or more positions. Physical therapists tend to be very happy in their profession—97% indicated they were satisfied with their current employment situation, including 70% who indicated they were "very satisfied".

Over three quarters of physical therapists are women. The median age of physical therapists is 41. The physical therapist population is not as diverse as Virginia's population as a whole. In a random encounter between two physical therapists, there is only a 32% chance they would be of different races or ethnicities. For the Virginia population the chance is 54%.

About a quarter of physical therapists have a rural background. Fewer than 1 in 5 of these work in non-Metro areas of the state now. About 1 out of 3 physical therapists graduated from high school in Virginia. A similar amount attained their initial physical therapy degree in the state. New York and Pennsylvania are the largest state sources of physical therapists outside of Virginia. Additionally, a significant number of physical therapists come from outside of the United States, particularly those initially licensed in Virginia within the past five years.

71% of physical therapists are educated at the master's level or above, including 41% of physical therapists with a doctorate. The typical physical therapist earns between \$70,000 and \$80,000 per year. Additionally, 59% reported receiving employer-sponsored health insurance. Three of every five physical therapists have been employed at their primary location for over two years, the typical job tenure banks seek when offering the best interest rates on loans. However, about 2 of every 3 physical therapists under age 40 carry educational debt, with a median debt load of \$50,000-\$60,000 for those with debt. More than 1 in 10 physical therapists switched jobs in 2012.

Physical therapists focus most of their effort directly on caring for patients. The typical physical therapist spends over 90% of her time on patient care and little on administration or other matters. Almost 9 out of 10 physical therapists are in positions that primarily focus on patient care.

Licensees						
License Status	#	%				
Renewing Practitioners	5,505	83%				
New Licensees	526	8%				
Non-Renewals	632	9%				
All Licensees	6,663	100%				

Source: Va. Healthcare Workforce Data Center

Our surveys tend to achieve very high response rates. 89% of renewing PTs submitted a survey. These represent 74% of PTs who held a license at some point in 2012.

Response Rates					
Statistic	Non Respondents	Respondent	Response Rate		
By Age					
Under 30	431	357	45%		
30 to 34	357	826	70%		
35 to 39	242	838	78%		
40 to 44	201	832	81%		
45 to 49	152	632	81%		
50 to 54	134	567	81%		
55 to 59	93	429	82%		
60 and Over	146	426	75%		
Total	1,756	4,907	74%		
New Licenses					
Issued in 2012	394	132	25%		
Metro Status					
Non-Metro	73	380	84%		
Metro	929	3,832	81%		
Not in Virginia	752	693	48%		

Source: Va. Healthcare Workforce Data Center

At a Glance:

Licensed PTs

Number: 6,663 New: 8% Not Renewed: 9%

Response Rates

All Licensees: 74% Renewing Practitioners: 89%

ource: Va. Healthcare Workforce Data Cente

Response Rates	
Completed Surveys	4,907
Response Rate, all licensees	74%
Response Rate, Renewals	89%

Source: Va. Healthcare Workforce Data Center

Definitions

- **1. The Survey Period:** The survey was conducted in December 2012.
- **2. Target Population:** All PTs who held a Virginia license at some point in 2012.
- 3. Survey Population: The survey was available to PTs who renewed their licenses online. It was not available to those who did not renew, including some PTs newly licensed in 2012.

Workforce

2012 PT Workforce: 5,434 FTEs: 4,788

Utilization Ratios

Licensees in VA Workforce: 82% Licensees per FTE: 1.39 Workers per FTE: 1.13

Source: Va. Healthcare Workforce Data Center

Virginia's PT Workforce						
Status	#	%				
Worked in Virginia in Past Year	5,380	99%				
Looking for Work in Virginia	54	1%				
Virginia's Workforce	5,434	100%				
Total FTEs	4,788					
Licensees	6,663					

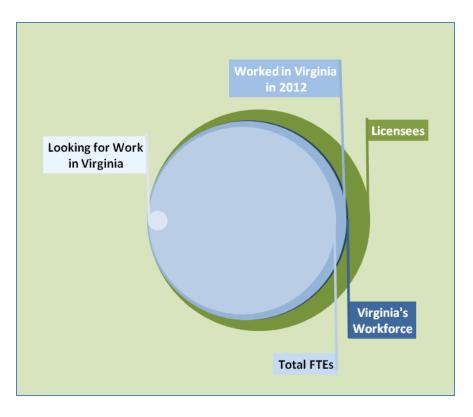
Source: Va. Healthcare Workforce Data Center

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

Definitions

- 1. Virginia's Workforce: A licensee with a primary or secondary work site in Virginia at any time in 2012 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.



Age & Gender							
	Ma	ale	Fe	Female		Total	
Age	#	% Male	#	% Female	#	% in Age Group	
Under 30	136	20%	544	80%	681	13%	
30 to 34	204	22%	739	78%	943	18%	
35 to 39	216	25%	645	75%	861	16%	
40 to 44	207	25%	609	75%	816	15%	
45 to 49	141	23%	467	77%	609	11%	
50 to 54	107	19%	464	81%	571	11%	
55 to 59	116	28%	297	72%	413	8%	
60 +	123	27%	334	73%	456	9%	
Total	1,251	23%	4,099	77%	5,350	100%	

Source: Va. Healthcare Workforce Data Center

Race & Ethnicity						
Race/	Virginia*	Pī	Гs	PTs under 40		
Ethnicity	%	#	%	#	%	
White	64%	4,453	82%	1,951	78%	
Black	19%	239	4%	123	5%	
Asian	6%	434	8%	296	12%	
Other Race	0%	74	1%	36	1%	
Two or more races	2%	77	1%	43	2%	
Hispanic	8%	110	2%	48	2%	
Total	100%	5,387	100%	2,497	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:

<u>Gender</u>

% Female: 77% % Under 40 Female: 78%

Age

Median Age: 41 % Under 40: 46% % 55+: 16%

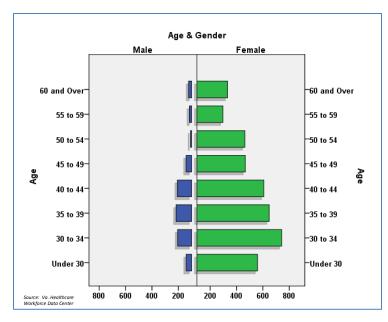
Diversity

Diversity Index: 32% Under 40 Div. Index: 38%

Source: Va. Healthcare Workforce Data Center

In a chance encounter between two PTs, there is a 32% chance the PTs would be of a different race/ethnicity (a measure known as the Diversity Index), compared to 54% chance for Virginia's population. PTs under age 40 are slightly more diverse.

Virginia's PT population is largely female. PTs tend to be rather young, with almost half the PT workforce under age 40. Relatively few are age 55 or over.



Childhood

Urban Childhood: 14% Rural Childhood: 27%

Virginia Background

HS in Virginia: 36% PT Educ in VA: 36% HS or PT Ed in VA: 45%

Location Choice

% Rural to Non-Metro: 19%

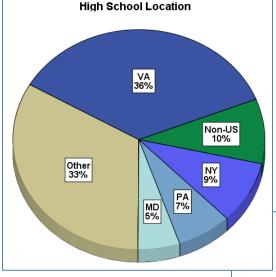
% Urban/Suburban to Non-Metro: 7%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

ШСБ	Primary Location:	Rural St	atus of Child	dhood		
	OA Rural Urban Continuum	D 1	Location	11.1		
Code	Description	Rural	Suburban	Urban		
	Metro Cour	nties				
1	Metro, 1 million+	21%	65%	14%		
2	Metro, 250,000 to 1 million	31%	56%	13%		
3	Metro, 250,000 or less	36%	51%	13%		
	Non-Metro Counties					
4	Urban pop 20,000+, Metro adj	46%	45%	10%		
6	Urban pop, 2,500-19,999, Metro adj	50%	36%	14%		
7	Urban pop, 2,500-19,999, nonadj	51%	41%	8%		
8	Rural, Metro adj	61%	25%	14%		
9	Rural, nonadj	41%	46%	13%		
	Overall	27%	60%	14%		

Source: Va. Healthcare Workforce Data Center



27% of PTs grew up in selfdescribed rural areas but only 10% work in Non-Metro counties. Only 1 in 5 PTs who grew up in rural areas work in a Non-Metro county today, and fewer than 1 in 14 who grew up in urban or suburban areas work in Non-Metro counties

Source: Va. Healthcare Workforce Data Center

Fewer than half of Virginia's
PTs have a background in the state.
About 1 in 3 are graduates of
Virginia High Schools. A similar
amount completed their PT degree
in Virginia.

Location, Initial PT Degree

VA
36%

NY
9%

PA
7%

Non-US
7%

Top Ten States for Physical Therapist Recruitment

Rank	All PTs					
Kalik	High School	#	PT School	#		
1	Virginia	1,916	Virginia	1,876		
2	Outside of the US	511	New York	457		
3	New York	491	Pennsylvania	394		
4	Pennsylvania	380	Outside of the US	383		
5	Maryland	289	North Carolina	267		
6	New Jersey	181	Massachusetts	201		
7	North Carolina	131	Florida	177		
8	Ohio	130	Maryland	144		
9	Florida	119	Washington DC	140		
10	Massachusetts	111	California	99		

Outside of Virginia, New York & Pennsylvania are the largest contributors to Virginia's PT workforce—a trend that has continued among new licensees. Additionally, a significant number of PTs have backgrounds outside of the United States.

Source: Va. Healthcare Workforce Data Center

Rank	Licensed in the Past 5 Years				
Kalik	High School	#	PT School	#	
1	Virginia	555	Virginia	533	
2	Outside of the US	238	Outside of the US	194	
3	New York	138	New York	124	
4	Pennsylvania	112	Pennsylvania	114	
5	Maryland	72	North Carolina	83	
6	North Carolina	48	Florida	63	
7	Ohio	47	Washington DC	59	
8	New Jersey	41	Massachusetts	43	
9	Florida	35	Connecticut	36	
10	West Virginia	30	California	31	

Source: Va. Healthcare Workforce Data Center

Licensees who did not participate in Virginia's PT Workforce
A potential source of PTs for Virginia?

About 18% of PT licensees did not participate in Virginia's workforce in 2012. Almost all worked as PTs in 2012 and 92% were working as PTs at the time of the survey. Over two-thirds worked in a state bordering Virginia or in Washington DC. Almost 1 in 10 were in federal service, including 5% who were in the military.

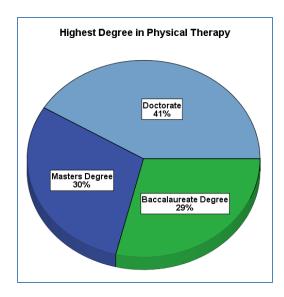
At a Glance:

Not in VA Workforce

Total: 1,230 % of Licensees: 18% Federal/Military: 9% Va Border State/DC: 69%

Highest PT Degree						
Degree	#	%				
Baccalaureate Degree	1,548	29%				
Masters Degree	1,599	30%				
Doctorate	2,195	41%				
Total	5,342	100%				

Source: Va. Healthcare Workforce Data Center



Over 70% of PTs have a graduate degree, including over 40% with a doctorate. Only about a third of PTs carry educational debt, however this includes about two-thirds of those under age 40. The typical debt load is between \$50,000 and \$60,000.

At a Glance:

Education

Masters or higher: 71% Doctorate: 41%

Educational Debt

Carry debt: 38% Under age 40 w/ debt: 66% Median debt: \$50k-\$60k

Educational Debt					
Amount Carried	All	PTs	PT's ur	der 40	
Amount Carneu	#	%	#	%	
None	3,062	62%	773	34%	
\$10,000 or less	182	4%	92	4%	
\$10,001-\$20,000	147	3%	101	4%	
\$20,001-\$30,000	187	4%	136	6%	
\$30,001-\$40,000	162	3%	132	6%	
\$40,001-\$50,000	192	4%	150	7%	
\$50,001-\$60,000	202	4%	173	8%	
\$60,001-\$70,000	162	3%	147	6%	
\$70,001-\$80,000	140	3%	122	5%	
\$80,001-\$90,000	98	2%	87	4%	
\$90,001-\$100,000	78	2%	72	3%	
\$100,001-\$110,000	85	2%	75	3%	
\$110,001-\$120,000	70	1%	67	3%	
Over \$120,000	176	4%	164	7%	
Total	4,943	100%	2,291	100%	

Credentials

Board Certified: 8% Have Non-PT degree: 87% Masters or higher: 12%

Top Board Certifications:

Orthopedics: 5%
Geriatrics: 1%
Sports: 1%

Top non-PT Credentials:

Other: 8% Athletic Training: 4%

Source: Va. Healthcare Workforce Data Center

About 87% of PTs hold non-physical therapy degrees. However, 31% of these are Baccalaureate degrees. Only 11% hold non-PT graduate degrees.

Highest Non-PT Degree			
Degree	#	%	
Certificate	102	2%	
Associate of Applied Science	30	1%	
Associate of Science	72	1%	
Baccalaureate	3,641	67%	
Masters	504	9%	
Doctorate/ Professional	125	2%	
Other	265	5%	
Total	4,741	87%	

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Only 8% of physical therapists are Board Certified by the American Board of Physical Therapy Services, most of these are in Orthopedics. 12% hold non-physical therapy credentials, including athletic training and massage therapy.

Board Certifications			
Certification	#	%	
Clinical Electrophysiology	12	0%	
Orthopedics	256	5%	
Cardiovascular & Pulmonary	6	0%	
Geriatrics	64	1%	
Sports	53	1%	
Women's Health	14	0%	
Neuromuscular	36	1%	
Pediatric	43	1%	
Have at least one	434	8%	

Source: Va. Healthcare Workforce Data Center

Non-PT Credentials			
Area	#	%	
Art/Dance Therapy	5	0%	
Athletic Training	193	4%	
Nursing	13	0%	
Occupational Therapy	7	0%	
Orthotics	9	0%	
Prosthetics	5	0%	
Massage Therapy	34	1%	
Chiropracty	2	0%	
Other	432	8%	
Have at least one	664	12%	

Employment

Employed in Profession: 95% Involuntarily Unemployed: 0%

Positions Held

(Among the employed)

1 Full-time: 60% 2 or More Positions: 18%

Weekly Hours:

(Among the employed)

40 to 49:49%60 or more:4%Less than 30:21%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Current Work Status				
Status	#	%		
Employed, capacity unknown	1	0%		
Employed in a physical therapy related capacity	5,218	97%		
Employed, NOT in a physical therapy related capacity	43	1%		
Not working, reason unknown	0	0%		
Involuntarily unemployed	19	0%		
Voluntarily unemployed	81	2%		
Retired	9	0%		
Total	5,370	100%		

Source: Va. Healthcare Workforce Data Center

Current Positions			
Positions	#	%	
No Positions	109	2%	
One Part-Time Position	1,110	21%	
Two Part-Time Positions	276	5%	
One Full-Time Position	3,151	59%	
One Full-Time Position & One Part-Time Position	550	10%	
Two Full-Time Positions	15	0%	
More than Two Positions	123	2%	
Total	5,334	100%	

Source: Va. Healthcare Workforce Data Center

Current Weekly Hours			
Hours	#	%	
0 hours	109	2%	
1 to 9 hours	180	3%	
10 to 19 hours	357	7%	
20 to 29 hours	561	11%	
30 to 39 hours	809	15%	
40 to 49 hours	2,546	48%	
50 to 59 hours	537	10%	
60 to 69 hours	120	2%	
70 to 79 hours	26	0%	
80 or more hours	44	1%	
Total	5,289	100%	

Source: Va. Healthcare Workforce Data Center

A full 95% of Virginia's PTs were employed within Physical Therapy when they renewed their licenses. Only a handful were involuntarily unemployed. 82% held one position and about two-thirds worked 30 to 49 hours per week. Relatively few worked excessive hours, but 11% held a full-time position and one additional position.

Inc	ome	
Hourly Wage	#	%
Volunteer Work Only	10	0%
\$30,000 or less	401	9%
\$30,001-\$40,000	220	5%
\$40,001-\$50,000	311	7%
\$50,001-\$60,000	450	10%
\$60,001-\$70,000	827	18%
\$70,001-\$80,000	866	19%
\$80,001-\$90,000	683	15%
\$90,001-\$100,000	468	10%
\$100,001-\$110,000	213	5%
\$110,001-\$120,000	75	2%
More than \$120,000	125	3%
Total	4,650	100%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Earnings

Median Income: \$70k-\$80k Middle 50%: \$50k-\$90k

Benefits

Employer Health Insrnce: 59% Employer Retirement: 59%

Satisfaction

Satisfied: 97% Very Satisfied: 70%

Employer-Sponsored Benefits			
#	%		
784	15%		
2,774	53%		
3,055	59%		
3,302	63%		
2,154	41%		
3,079	59%		
4,041	77%		
	# 784 2,774 3,055 3,302 2,154 3,079		

The typical PT earned between \$70,000 and \$80,000 in 2012 and had employer-sponsored health insurance (including dental), retirement and paid leave.

*From any employer at time of survey.

Source: Va. Healthcare Workforce Data Center

Job satisfaction among PTs is very high. Almost all are satisfied and 7 out of 10 are very satisfied.
Only 4% reported being dissatisfied with their current employment situation.

Job Satisfaction			
Level	#	%	
Very Satisfied	3,657	70%	
Somewhat Satisfied	1,377	26%	
Somewhat Dissatisfied	141	3%	
Very Dissatisfied	35	1%	
Total	5,210	100%	

Underemployment in Past Year		
In the past year did you?	#	%
Experience Involuntary Unemployment?	88	2%
Experience Voluntary Unemployment?	257	5%
Work Part-time or temporary positions, but would have preferred a full-time/permanent position?	100	2%
Work two or more positions at the same time?	1,121	21%
Switch employers or practices?	568	10%
Experienced at least 1	1,753	32%

Source: Va. Healthcare Workforce Data Center

Only 2% of Virginia's PTs experienced involuntary unemployment at some point in 2012. By comparison, Virginia's average monthly unemployment rate was 5.9%.

Location Tenure				
Tanana	Primary		Secondary	
Tenure	#	%	#	%
Not Currently Working at this Location	97	2%	114	8%
Less than 6 Months	325	6%	237	17%
6 Months to 1 Year	441	8%	162	11%
1 to 2 Years	1,222	23%	279	20%
3 to 5 Years	1,214	23%	320	23%
6 to 10 Years	889	17%	158	11%
More than 10 Years	1,053	20%	138	10%
Subtotal	5,242	100%	1,409	100%
Did not have location	64		3,976	
Item Missing	128		49	
Total	5,434		5,434	

Source: Va. Healthcare Workforce Data Center

Almost all PTs are salary or wage employees, including about half who work on salary. Only 3% report being compensated by practice income.

At a Glance:

Unemployment Experience 2012

Involuntarily Unemployed: 2% Underemployed: 2%

Turnover & Tenure

Switched Jobs: 10%
New Location: 22%
Over 2 years: 60%
Over 2 yrs, 2nd location: 44%

Employment Type

Salary or Wage: 90%

Source: Va. Healthcare Workforce Data Cente

3 out of 5 PTs 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	2,343	52%	
Hourly Wage	1,741	38%	
By Contract	302	7%	
Business/ Practice Income	131	3%	
Unpaid	7	0%	
Subtotal	4,524	100%	
Did not have location	64		
Item Missing	846		

¹ As reported by the US Bureau of Labor Statistics. The not seasonally adjusted monthly unemployment rate ranged from 6.4% in January to 5.4% in November.

Concentration

Top Region:32%Top 3 Regions:75%Lowest Region:2%

Locations

2 or more (2012): 27% 2 or more (Now*): 25%

Source: Va. Healthcare Workforce Data Center

Almost 1 in 3 PTs had their primary work location in Northern Virginia, while Hampton Roads and Central Virginia (encompassing Richmond & Charlottesville) each had about 1 in 5 PTs work locations in 2012.

Number of Work Locations					
	Wo	ork	W	ork	
Locations		ons in		tions	
Locations	20	12	No	w*	
	#	%	#	%	
0	64	1%	106	2%	
1	3,912	72%	3,865	73%	
2	760	14%	738	14%	
3	520	10%	457	9%	
4	90	2%	45	1%	
5	24	0%	20	0%	
6 or	64	1%	44	1%	
More					
Total	5,434	100%	5,275	100%	

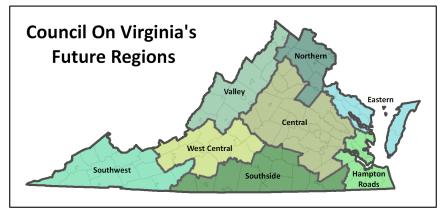
^{*}At the time of survey completion, December 2012.

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Regional Distribution of Work Locations					
COVF Region		nary ation	Secon Loca		
	#	%	#	%	
Central	1,214	23%	297	21%	
Eastern	81	2%	30	2%	
Hampton Roads	1,008	19%	259	18%	
Northern	1,664	32%	402	28%	
Southside	147	3%	33	2%	
Southwest	182	3%	57	4%	
Valley	346	7%	88	6%	
West Central	468	9%	142	10%	
Virginia Border State/DC	49	1%	49	3%	
Other US State	39	1%	81	6%	
Outside of the US	3	0%	1	0%	
Total	5,201	100%	1,439	100%	
Item Missing	168		19		

Source: Va. Healthcare Workforce Data Center



Nearly three quarters of PTs had just one work location in 2012.
Only 3% had 4 or more work locations. This distribution is similar to the number of work locations PTs had when they completed the survey.

Location Sector						
	Prin	nary	Seco	ndary		
Sector	Loca	ation	Loca	ition		
	#	%	#	%		
For-Profit	3,261	64%	1,004	72%		
Non-Profit	1,461	29%	283	20%		
State/Local Government	306	6%	85	6%		
Veterans Administration	35	1%	2	0%		
U.S. Military	44	1%	12	1%		
Other Federal	10	0%	5	0%		
Government	10	070		070		
Total	5,117	100%	1,391	100%		
Did not have location	64		3,976			
Item Missing	253		68			

Source: Va. Healthcare Workforce Data Center

At a Glance: (Primary Locations)

<u>Sector</u>

For Profit: 64% Federal: 2%

Top Establishments

Physical Therapy Office: 23%

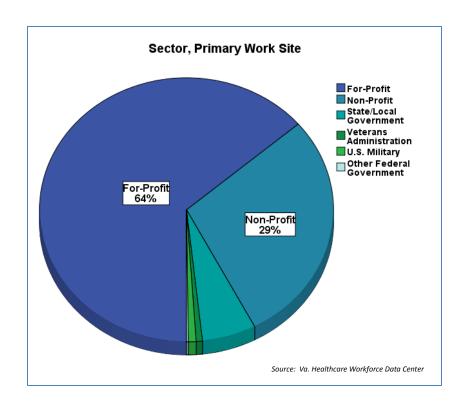
(Group or Solo)

General Hospital: 22% (Inpatient or Outpatient)

Rehabilitation Facility: 17% (Inpatient or Outpatient)

Source: Va. Healthcare Workforce Data Cente

9 out of 10 PT's primary work sites were in the private sector, including almost 3 of every 4 in for-profit enterprises. Only 2% work for the Federal government, serving military, veteran or other special patient groups.

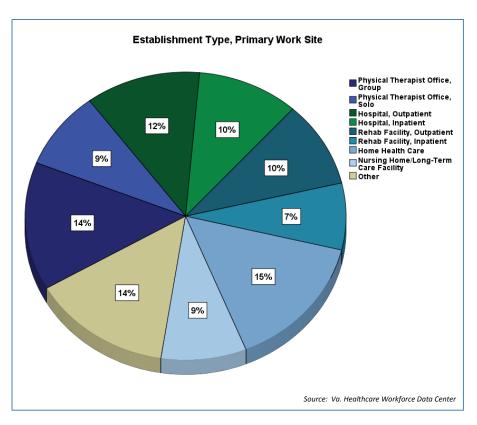


			Location Type					
Establishment Type	Prim	Secondary Location						
	#	%	#	%				
Long-Term Care Facility	433	9%	202	15%				
Rehabilitation Facility, Inpatient	375	7%	143	10%				
General Hospital, Outpatient	584	12%	71	5%				
General Hospital, Inpatient	515	10%	181	13%				
Home Health Care	761	15%	274	20%				
PACE Center	14	0%	4	0%				
Rehabilitation Facility, Outpatient	484	10%	66	5%				
Physical Therapist Office, Group	722	14%	131	10%				
Physical Therapist Office, Solo	440	9%	92	7%				
Physician Office	172	3%	16	1%				
Academic Institution	122	2%	68	5%				
K-12 School System	178	4%	24	2%				
Insurance Organization	13	0%	1	0%				
Device Maker/Distributor	1	0%	2	0%				
Other	217	4%	90	7%				
Total	5,031	100%	1,365	100%				
Does not have location	64		3,976	5				

Almost 1 in 4 PTs work in either a group or solo physical therapist practice.
Rehabilitation facilities, hospitals, home health and long-term care were also major employers.

Source: Va. Healthcare Workforce Data Center

Almost half of PTs work in large facilities such as hospitals, rehabilitation facilities or longterm care facilities..



(Primary Locations)

A Typical PT's Time

Patient Care: 90%-99%
Administration: 1%-9%
Education: 1%-9%
Research: 0%

Roles

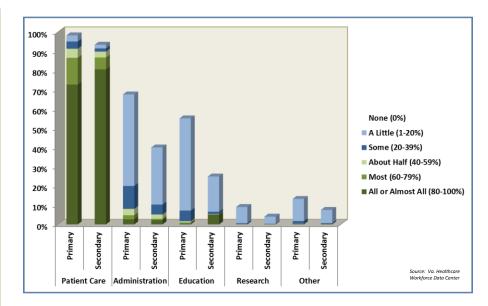
Patient Care: 87%
Administrative: 5%
Education: 1%
Research: 0%

Patient Care PTs

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

Source: Va. Healthcare Workforce Data Center

A Closer Look:



3 out of 4 PTs spend all or almost all of their time on Patient Care. 87% of PTs fill a patient care role, defined as spending 60% or more of their time on patient care.

	Time Allocation									
Time Count	Pati Ca		Admin.		Education		Research		Other	
Time Spent	Prim	Sec.	Prim	Sec.	Prim	Sec.	Prim	Sec.	Prim	Sec.
	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site
All or Almost All (80-100%)	73%	81%	3%	2%	0%	5%	0%	0%	0%	0%
Most (60-79%)	14%	6%	2%	1%	1%	0%	0%	0%	0%	0%
About Half (40-59%)	5%	3%	3%	2%	1%	0%	0%	0%	0%	0%
Some (20-39%)	4%	2%	12%	5%	6%	1%	0%	0%	1%	0%
A Little (1-20%)	3%	2%	48%	30%	48%	18%	8%	4%	12%	7%
None (0%)	2%	7%	32%	60%	45%	75%	91%	96%	87%	92%

Retirement Expectations					
Expected Retirement	All	PTs	PTs o	PTs over 50	
Age	#	%	#	%	
Under age 50	130	3%	0	0%	
50 to 54	282	6%	12	1%	
55 to 59	674	14%	95	7%	
60 to 64	1,441	30%	367	28%	
65 to 69	1,526	32%	512	39%	
70 to 74	397	8%	177	14%	
75 to 79	78	2%	42	3%	
80 or over	40	1%	9	1%	
I do not intend to retire	261	5%	87	7%	
Total	4,830	100%	1,301	100%	

Source: Va. Healthcare Workforce Data Center

At a Glance:

Retirement Expectations

All PTs

Under 65: 52% Under 60: 22%

PTs 50 and over

Under 65: 36% Under 60: 8%

Time until Retirement

Within 2 years: 3%
Within 10 years: 15%
Half the workforce: by 2037

iource: Va. Healthcare Workforce Data Center

About a third of PTs expect to retire at ages 65 to 69. However, over half expect to retire before age 65. PTs over age 50 tend to expect retire later. Still, 1 in 3 expect to retire before the age of 65 and 1 in 12 before the age of 60. About 5% of all PTs do not expect to ever retire.

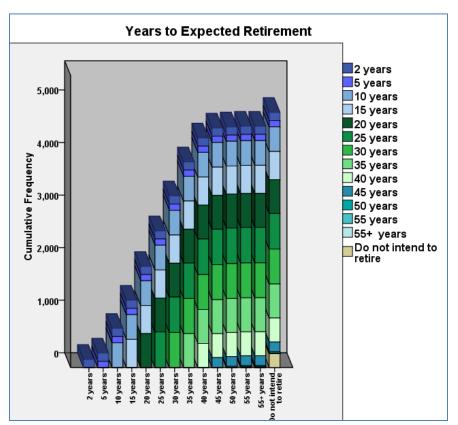
Within the next year about 5% of PTs plan to leave the profession or leave Virginia. We do not have any indication of the number of PTs who plan to move to Virginia from other states.

Future Plans					
1 Year Plans:	#	%			
Decrease Participation	on				
Leave Profession	58	1%			
Leave Virginia	219	4%			
Decrease Patient Care Hours	614	11%			
Decrease Teaching Hours	12	0%			
Increase Participatio	n				
Increase Patient Care Hours	697	13%			
Increase Teaching Hours	612	11%			
Pursue Additional Education	1,571	29%			
Return to Virginia's Workforce	22	0%			

By comparing retirement expectation to age, we can estimate the maximum years to retirement for PTs. Only a small proportion of PTs expect to retire within 2 years. Another 2% expect to retire with 5 years, for a total of 6% within the next 5 years. In the reverse, 85% of PTs expect to keep working for at least another ten years, and 60% for at least another 20 years.

Time to R	etireme	nt	
Expect to retire within	#	%	Cumulative %
2 years	155	3%	3%
5 years	120	2%	6%
10 years	471	10%	15%
15 years	536	11%	27%
20 years	644	13%	40%
25 years	674	14%	54%
30 years	662	14%	68%
35 years	640	13%	65%
40 years	449	9%	90%
45 years	183	4%	94%
50 years	21	0%	94%
55 years	13	0%	95%
In more than 55 years	1	0%	95%
Do not intend to retire	261	5%	100%
Total	4,830	100%	

Source: Va. Healthcare Workforce Data Center



Using these estimates, retirements will reach a rate of over 10% of the workforce every 5 years by 2022. Retirements will peak at 14% of the workforce around 2037 before declining to under 10% of the workforce around 2052. Over 1 in 4 PTs expects to retire between 2032 and 2042.

FTEs

Total: 2,048 Average: .85

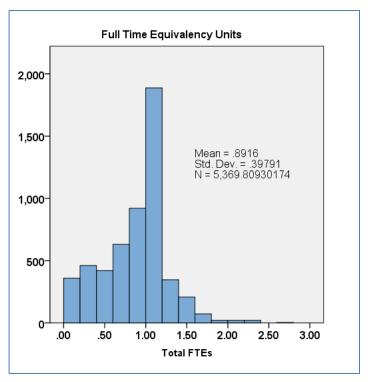
Age & Gender Effect

Age, Partial Eta²: .008 Gender, Partial Eta²: .007

Partial Eta² Explained:
Partial Eta² is a statistical
measure of effect size.
.01=Small Effect
.06=Medium Effect
.138=Large Effect

Source: Va. Healthcare Workforce Data Center

A Closer Look:

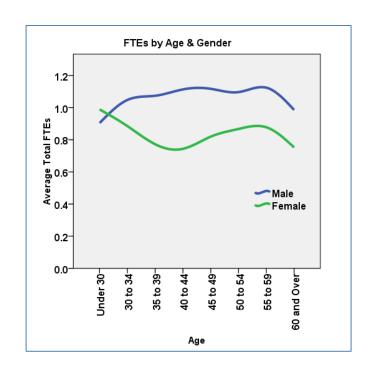


Source: Va. Healthcare Workforce Data Center

The typical (median) PT provided 0.97 FTEs in 2012, or about 37 hours per week for 52 weeks.

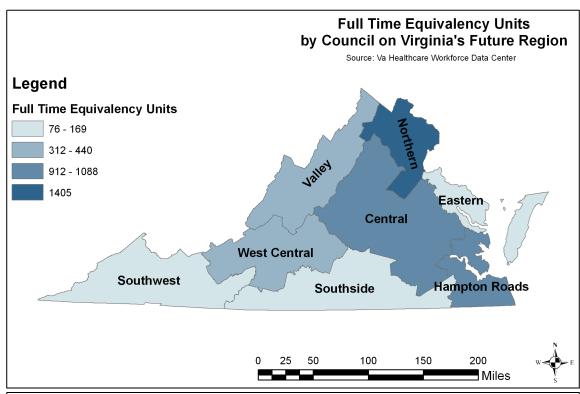
Although FTEs appear to vary by age and gender, statistical tests did not verify a difference exists.²

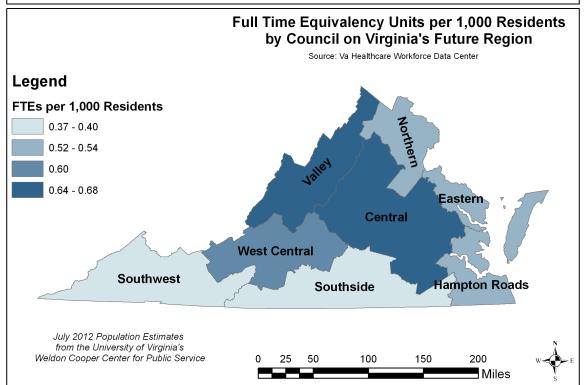
Full-Time Equivalency Units					
Age	Average	Median			
	Age				
Under 30	0.97	1.13			
30 to 34	0.92	1.04			
35 to 39	0.85	0.91			
40 to 44	0.84	0.88			
45 to 49	0.89	0.91			
50 to 54	0.91	0.92			
55 to 59	0.95	0.97			
60 and Over	0.81	0.86			
Gender					
Male	1.06	1.13			
Female	0.84	0.89			

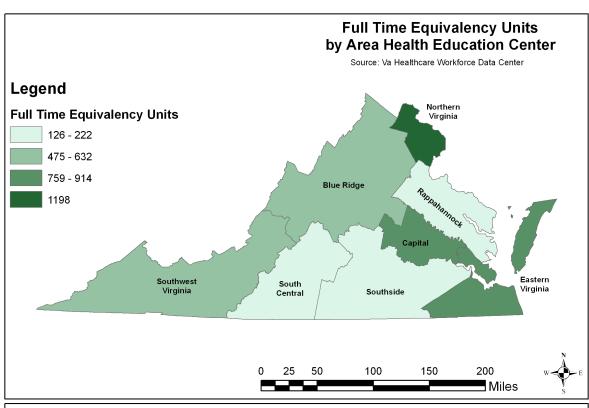


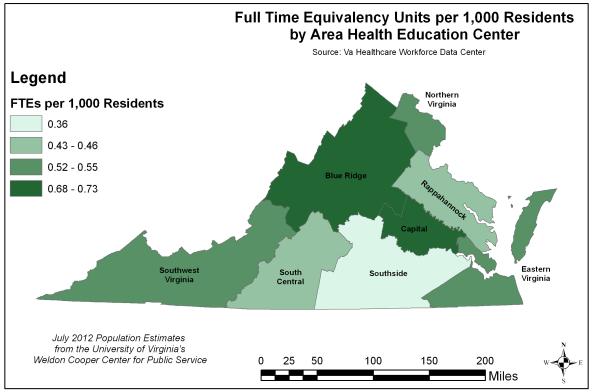
² Due to assumption violations in Mixed between-within ANOVA (Levene's Test & Interaction effect are significant).

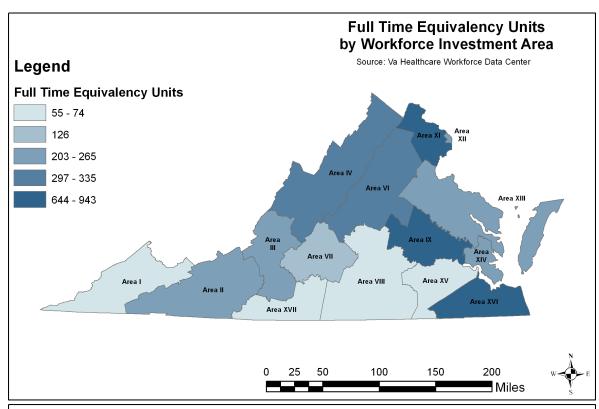
Council on Virginia's Future Regions

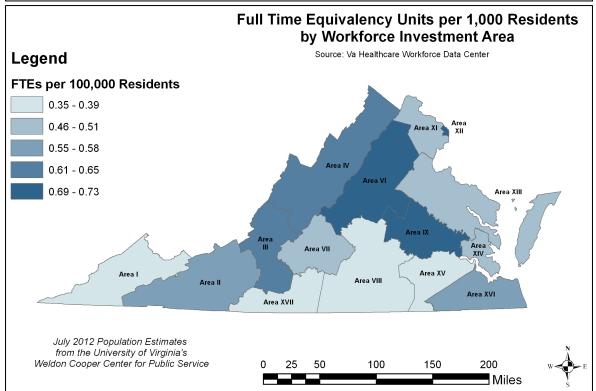


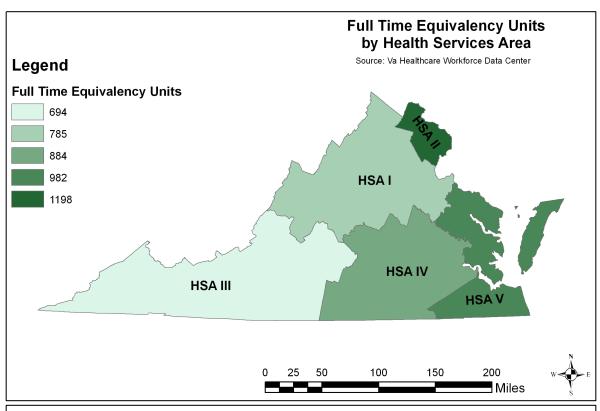


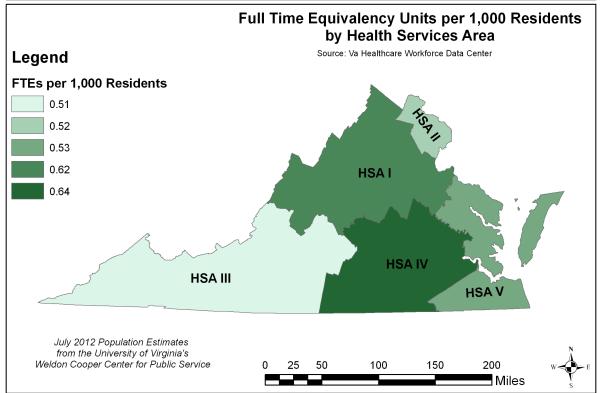


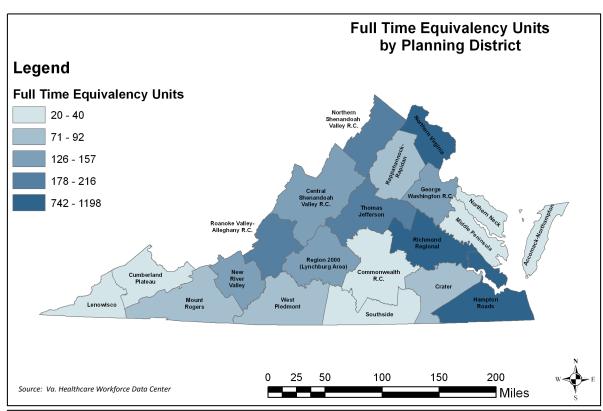


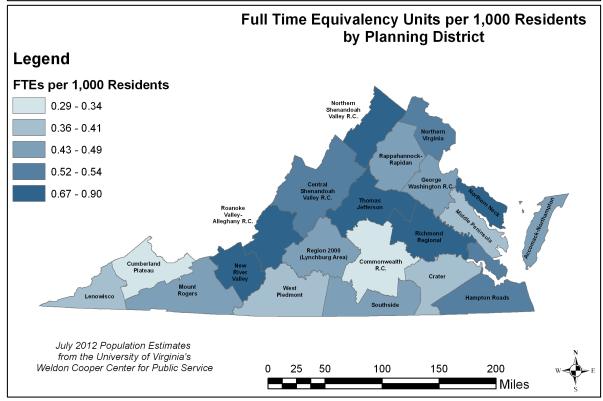












Appendix A: Weights

Rural	L	ocation We	eight	Total \	Weight
Status	#	Rate	Weight	Min	Max
Metro, 1 million+	3760	79.71%	1.254588	1.124244	2.039414
Metro, 250,000 to 1 million	226	85.84%	1.164948	1.043917	1.893699
Metro, 250,000 or less	775	82.71%	1.209048	1.083436	1.965386
Urban pop 20,000+, Metro adj	105	85.71%	1.166667	1.045457	1.896492
Urban pop 20,000+, nonadj	0	NA	NA	NA	NA
Urban pop, 2,500- 19,999, Metro adj	186	85.48%	1.169811	1.048275	1.901604
Urban pop, 2,500- 19,999, nonadj	70	77.14%	1.296296	1.161619	2.107213
Rural, Metro adj	49	83.67%	1.195122	1.070956	1.942748
Rural, nonadj	43	83.72%	1.194444	1.070349	1.941647
Virginia border state/DC	577	56.33%	1.775385	1.590933	2.886002
Other US State	868	42.40%	2.358696	2.113642	3.834212

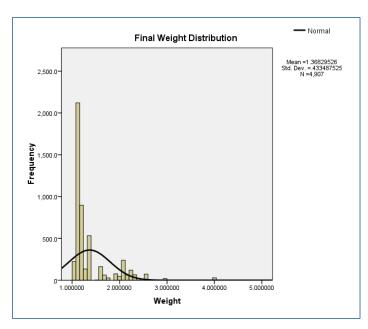
Λαο		Age Weig	ht	Total Weight	
Age	#	Rate	Weight	Min	Max
Under 30	788	45.30%	2.207283	1.893699	3.834212
30 to 34	1183	69.82%	1.432203	1.228733	2.487842
35 to 39	1080	77.59%	1.288783	1.105688	2.23871
40 to 44	1033	80.54%	1.241587	1.065197	2.156727
45 to 49	784	80.61%	1.240506	1.06427	2.15485
50 to 54	701	80.88%	1.236332	1.060689	2.147599
55 to 59	522	82.18%	1.216783	1.043917	2.113642
60 and Over	572	74.48%	1.342723	1.151965	2.332408

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:

ageweight x ruralweight x responserate = final weight.

Overall Response Rate: 0.736455



Physical Therapist Survey

Instructions:

The following survey will assist policymakers at the state, federal and local levels assess the adequacy of the current physical therapy workforce and project future workforce trends in relation to Virginia's changing population and health needs. It will help us advance the practice of physical therapy and to improve the health of all Virginians. By law, information collected as part of this survey is confidential. License numbers and other individually identifying information are removed from Healthcare Workforce Data Center data sets. The Healthcare Workforce Data Center only releases information in the aggregate or to qualified research organizations who meet our strict confidentiality standards. Participation in this survey is voluntary.

The survey questions are designed to allow comparisons across professions, and among state and federal data collection efforts. Some of the questions, particularly the demographic questions, match Federal data collection standards.

collec	tion standards.	
Educa	ation and Background	
1)	Year of Birth:	Dropdown: 1996 to 1920 (reverse order)
2)	Sex:	Dropdown: Male/Female
	Please select the items that best describe your race/ethnicity. Please select the items that best describe your race/ethnicity.	ease answer both question 3a about Hispanic
3a)	Select one:	Check one
		Hispanic, Latino or Spanish Origin
		Not Hispanic, Latino or Spanish Origin
3b)	Select all that apply:	Check all that apply
		White
		Black or African American
		American Indian or Alaska Native
		Asian
		Native Hawaiian or Pacific Islander
		Some other race
3c)	If some other race, please specify:	Fill in the blank
•		
4)	Where did you graduate from high school (Secondary School)?	Dropdown
		Outside of the US or Canada
		Canada
		57 US States and Territories
5)	Was your childhood spent mostly in rural, urban or suburban areas?	Dropdown: urban, rural, suburban
0)		
6)	Where did you obtain your undergraduate degree?	Dropdown
		Outside of the US or Canada
		Canada
		57 US States and Territories

7)	Where did you obtain the degree that initially qualified you to practice physical therapy?	Dropdown
		Outside of the US or Canada
		Canada
		57 US States and Territories
9)	Do you hold an active license to practice physical therapy in any other jurisdiction?	Check all that apply
		District of Columbia
		Kentucky
		Maryland
		North Carolina
		Tennessee
		West Virginia
		One or more other US states
8)	Please indicate the highest level of physical therapy education you have completed as of today:	Dropdown
		Baccalaureate
		Master of Physical Therapy
		Doctor of Physical Therapy
9a)	Please indicate the highest level of non-physical therapy education you have completed as of today:	Dropdown
		Certificate
		Associate of Applied Science degree
		Associate of Science degree
		Baccalaureate degree
		Masters Degree
		Doctorate/Professional degree
		Other
9b)	If you selected other, please provide a brief description:	Fill in the blank
10)	Please indicate any Board Certifications for physical therapy you hold that are current as of today:	Check all that apply:
		Cardiovascular & Pulmonary
		Clinical Electrophysiology
		Geriatrics
		Neurology
		Orthopaedics
		Pediatrics
		Sports
		Women's Health
		Other
10b)	If you selected other, please provide a brief description:	Fill in the blank
11a)	Do you hold current credentials (license, certification, educational degree) in any of the following fields, separate from your physical therapy credentials:	Check all that apply
		Athletic training

		Nursing
		Occupational therapy
		Orthotics
		Prosthetics
		Massage therapy
		Art/Dance therapy
		Chiropractry
		Other
		- Cario
11b)	If you selected other, please provide a brief description:	Fill in the blank
112)	in you colocica caller, produce provide a siler accompanie.	This was blank
Currer	nt Employment Status	
12	Which choice best describes your <i>current</i> employment or work situation?	Dropdown
		Employed in a physical therapy related capacity.
		Employed, NOT in a physical therapy related capacity.
		I am retired.
		Voluntarily unemployed (including for
		medical reasons).
		Involuntarily unemployed.
13)	Overall, and taking into account all positions you fill, how satisfied are you with your <i>current</i> employment or work situation?	Dropdown
		Very satisfied
		Somewhat satisfied
		Somewhat dissatisfied
		Very dissatisfied
14)	How many positions do you <i>currently</i> hold?	Dropdown
,	Note: There is no legal standard for part-time work, and each employer defines part-time work differently. Part-time work generally refers to workweeks of 35-hours per week or less. Per diem, temporary, contract, self-employed and seasonal workers, and workers subject to annual limits on hours should consider average hours spent working over the term of employment.	One part-time position
		One full-time position
		Two part-time positions
		One full-time position & one part-time position
		Two full-time positions
		More than two positions
15)	Considering all positions you <i>currently</i> fill, how long is your average workweek?	Dropdown
		I am not currently working
		1 to 9 hours
		10 to 19 hours

		20 to 29 hours
		30 to 39 hours
		40 to 49 hours
		50 to 59 hours
		60 to 69 hours
		70 to 79 hours
		80 or more hours
	s otherwise noted, the rest of the questions draw on your exports ork in the past 12 months in a capacity that drew on physical t	
Drim	l ary Work Location	
	ions 16 to 21 refer to your primary place of employment, work or pr	rection (valuation or paid) ever the poet 12
the mo	is. This is the location where you spend the most work hours durin ost weeks working in the past 12 months. You do not need to curre o a location, not an employer. Persons who consistently work in I health, multi-facility rounds) should choose the location where they	ently work at this location. These questions multiple locations (e.g. temporary workers,
16)	Please select the location of your primary place of employment, work, volunteer work or practice:	Dropdown:
		Outside of US
		Virginia Border State/DC
		Other US State
		List of Virginia's Cities and Counties
4=\		
17)	How long have you worked at this particular location?	Dropdown
		I do not currently work at this location
		Less than 6 months
		6 months to 1 year
		1 to 2 years
		3 to 5 years
		6 to 10 years
		More than 10 years
18a)	Approximate number of weeks at which at least some time was spent at this work location within the past twelve months (exclude vacation, medical leave, etc):	Dropdown: 1 week - 52 weeks
18b)	How many hours do you (or did you) work in an average workweek at this location?	Dropdown
		1 to 9 hours
		10 to 19 hours
		20 to 29 hours
		30 to 39 hours
		40 to 49 hours
		50 to 59 hours
		60 to 69 hours
		70 to 79 hours
		80 or more hours
		3

19)	In the average workweek at this location, roughly what percentage of your working hours were spent in the following roles: (Answers should roughly equate to 100%).	Dropdown: (for each sub-question)
19a)	Administration or business-related matters	None
19c)	Direct patient care, including patient education and coordination of care	1% to 9%
19d)	Education of health professions students (including acting as preceptor)	10% to 19%
19e)	Formal research	20% to 29%
19f)	Other	30% to 39%
		40% to 49%
		50% to 59%
		60% to 69%
		70% to 79%
		80% to 89%
		90% to 99%
		100%
20a)	Please select the choice that best describes this location's organizational sector:	Dropdown
		For-profit (e.g. private practice, corporate)
		Non-profit (including religious affiliated)
		State/local-government
		US military
		Veteran's Administration
		Other federal government
20b)	Please select the choice that best describes this practice setting:	Dropdown:
		Academic Institution
		Physician office
		Private practice, solo
		Private practice, group
		General hospital, inpatient department
		General hospital, outpatient department
		Nursing home/long term care
		Home health care
		PACE center
		Rehabilitation facility, residential/inpatient
		Rehabilitation facility, outpatient clinic
		Insurance organization
		Device manufacturer/distributor
		K-12 School System
		Other
20c)	If you selected "other practice setting" please provide a brief description:	Open-ended
21)	Please indicate how you are (were) personally compensated for activities at this location:	Dropdown
		Salary/Commission
		Hourly wage
		By contract
		Business/Practice income

		Pro Bono, volunteer, unreimbursed
	only had one practice location in the past 12 months, please	skip to question 31. If you had additional
racti	ce locations, please continue.	
	dary Work Location	
nonth spent questi	ions 22 to 28 refer to your secondary place of employment, work os. This is the location where you spend the second most work houthe second most weeks working in the past 12 months. You do not one refer to a location, not an employer. Persons who consistently rs, home health, multi-facility rounds) should choose the location we	urs during an average workweek or where you of need to currently work at this location. Thes by work in multiple locations (e.g. temporary
22	Is this location with the same employer or practice as your	Dropdown
	primary location, or a different employer/practice?	Company of the compan
		Same employer or practice
		Different employer or practice
23)	Please select the location of your secondary place of employment, work, volunteer work or practice:	Dropdown:
		Outside of US
		Virginia Border State/DC
		Other US State
		List of Virginia's Cities and Counties
		<u> </u>
24)	How long have you worked at this location?	Dropdown
		I do not currently work here
		Less than 6 months
		6 months to 1 year
		1 to 2 years
		3 to 5 years
		6 to 10 years
		More than 10 years
25a)	Approximate number of weeks at which at least some time was spent at this work location within the past twelve months (exclude vacation, medical leave, etc):	Dropdown: 1 week - 52 weeks
25b)	How many hours do you (or did you) work in an average	Dropdown
,	workweek at this location?	·
		1 to 9 hours
		10 to 19 hours
		20 to 29 hours
		30 to 39 hours
		40 to 49 hours
		50 to 59 hours
		60 to 69 hours
		70 to 79 hours
		80 or more hours
26)	In the average workweek at this location, roughly what percentage of your working hours were spent in the following	Dropdown: (for each sub-question)

	roles: (Answers should roughly equate to 100%).	
26a)	Administration or business-related matters	None
26b)	Direct patient care, including patient education and coordination of care	1% to 9%
26c)	Education of health professions students (including acting as preceptor)	10% to 19%
26d)	Formal research	20% to 29%
26e)	Other	30% to 39%
		40% to 49%
		50% to 59%
		60% to 69%
		70% to 79%
		80% to 89%
		90% to 99%
		100%
27a)	Please select the choice that best describes this location's organizational sector:	Dropdown
		For-profit (e.g. private, corporate)
		Non-profit (including religious affiliated)
		State/local-government
		US military
		Veteran's Administration
		Other federal government
		_
27b)	Please select the choice that best describes this practice setting:	Dropdown:
		Academic Institution
		Physician office
		Private practice, solo
		Private practice, group
		General hospital, inpatient department
		General hospital, outpatient department
		Nursing home/long term care
		Home health care
		PACE center
		Rehabilitation facility, residential/inpatient
		Rehabilitation facility, outpatient clinic
		Insurance organization
		Device manufacturer/distributor K-12 School System
		-
		Other
27c)	If you selected "other practice setting" please provide a brief description:	Open-ended
	Discourse Production and Association and Assoc	Color all that and a
28)	Please indicate how you are (were) personally compensated for activities at this location:	Select all that apply:
		Salary/Commission
		Hourly wage
		By contract
		Business/Practice income

		Pro Bono, volunteer, unreimbursed
	ı had only two locations in the past 12 months, please skip to q ions, please continue.	uestion 31. If you had additional practice
locat	ons, piease continue.	
29)	How many total work locations have you had over the past 12 months?	Dropdown
		3
		4
		5
		6 or more
00)	He was a district to the second of the secon	D t
30)	How many work locations do you have currently?	Dropdown
		3
		5
		6 or more
		o or more
Empl	oyment Information	
in the	Healthcare Workforce Data Center collects compensation information state and in localities, and to assist students in planning health care questions will only be presented in the aggregate. The confidential cted by law. All questions are voluntary.	eers and choosing specialties. Information from
31)	Within the past 12 months, have you experienced any of the following:	Check all that apply
	, rememing.	Voluntary unemployment (including for medical reasons)?
		Involuntary unemployment (including for medical reasons)?
		Switched employers/practices?
		Worked part-time or temporary positions, but would have preferred a full-time or permanent position?
		Worked two or more positions at the same time?
32)	What is your estimated annual net income from physical therapy related activities?	Dropdown:
		Volunteer work only
		\$30,000 or less
		\$30,001-\$40,000
		\$40,001-\$50,000
		\$50,001-\$60,000
		\$60,001-\$70,000
		\$70,001-\$80,000
		\$80,001-\$90,000
		\$90,001-\$100,000
		\$100,001-\$110,000 \$110,001-\$120,000
		More than \$120,000
		More than \$120,000
33)	Do you receive any of the following benefits from any <i>current</i>	Check all that apply:
55)	20 year occite any or the following perionic from any burlont	onton an arat appriy.

	employer?	
	. ,	Paid Leave
		Health Insurance
		Dental Insurance
		Retirement (401k, Pension, etc.)
		Group Life Insurance
		Signing/retention bonus
34)	What is your estimated current educational debt?	Dropdown:
,		None
		\$10,000 or less
		\$10,001-\$20,000
		\$20,001-\$30,000
		\$30,001-\$40,000
		\$40,001-\$50,000
		\$50,001-\$60,000
		\$60,001-\$70,000
		\$70,001-\$80,000
		\$80,001-\$90,000
		\$90,001-\$100,000
		\$100,001-\$110,000
		\$110,001-\$120,000
		More than \$120,000
35)	At what age do you plan to retire from physical therapy?	Dropdown
	5 7 1 1 7 1 7	Under age 50
		50 to 54
		55 to 59
		60 to 64
		65 to 69
		70 to 74
		75 to 79
		80 or over
		I do not intend to retire
36)	Within the next two years do you plan to do any of the following:	Check all that apply
-		Retire
		Cease working in physical therapy
		Continue working in physical therapy, but
		cease working in Virginia
		Increase patient care hours
		Decrease patient care hours
		Increase time spent teaching physical
		therapy
		Decrease time spent teaching physical therapy
		Pursue additional physical therapy education
		Certify/Recertify for direct access
		T Certify/Recentify for direct access
		Certify/Recently for direct access

37)	If you did not practice, teach or otherwise work in physical therapy within the past twelve months, did/are you?	Check all that apply:
		I am retired.
		Work occasionally for charity/consultation/special patients?
		Pursue physical therapy education or certifications?
		Pursue education not related to physical therapy?
		Work in another profession or field?
		Experience temporary voluntary unemployment (including for medical reasons)?
		Experience temporary involuntary unemployment?
38)	Do you provide any Pro Bono, volunteer, mentoring or other services within rehabilitation therapy in Virginia? If so, approximately how many hours in the past year?	Dropdown:
		None
		1-25 hours
		26-50 hours
		51-75 hours
		76-100 hours
		Over 100 hours
39)	Do you expect to begin working in physical therapy in Virginia? If so, when?	Dropdown:
		Not currently planning to practice/work in Virginia
		Plan to practice/work in a volunteer capacity
		Yes, within the next year
		Yes, within 1-2 years
		Yes, within 3-5 years
		Yes, in more than 5 years
		Yes, do not know when