
Virginia's Audiologist Workforce: 2022

Healthcare Workforce Data Center

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More than 500 Audiologists 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 Audiology & Speech-Language Pathology express our sincerest appreciation for their ongoing cooperation.

Thank You!

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The Audiologist Workforce At a Glance:

The Workforce

Licenses:	601
Virginia's Workforce:	449
FTEs:	405

Background

Rural Childhood:	23%
HS Degree in VA:	39%
Prof. Degree in VA:	31%

Current Employment

Employed in Prof.:	96%
Hold 1 Full-time Job:	82%
Satisfied?:	93%

Survey Response Rate

All Licenses:	84%
Renewing Practitioners:	96%

Education

AuD:	78%
Masters:	16%

Job Turnover

Switched Jobs:	4%
Employed Over 2 Yrs:	65%

Demographics

Female:	87%
Diversity Index:	21%
Median Age:	45

Finances

Median Income:	\$80k-\$90k
Health Benefits:	60%
Under 40 w/ Ed Debt:	62%

Primary Roles

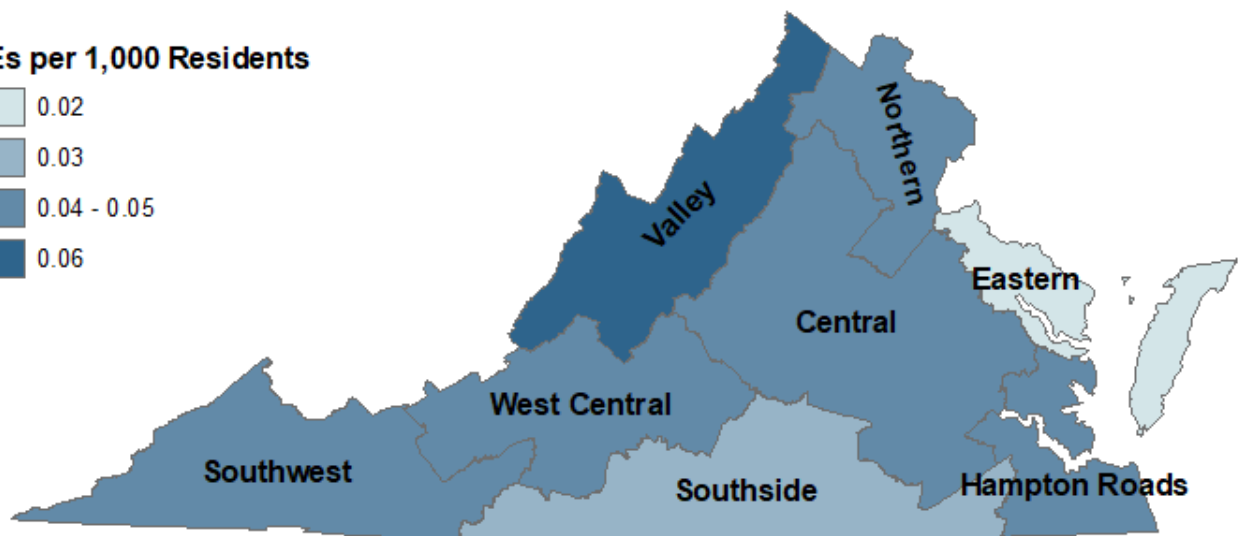
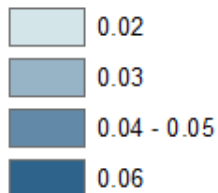
Client Care:	76%
Administration:	4%
Non-Clinical Edu.:	1%

Source: Va. Healthcare Workforce Data Center

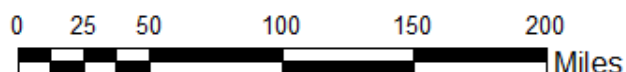
Full-Time Equivalency Units Provided by Audiologists per 1,000 Residents by Virginia Performs Region

Source: Va Healthcare Workforce Data Center

FTEs per 1,000 Residents



Annual Estimates of the Resident Population: July 1, 2021
Source: U.S. Census Bureau, Population Division



This report contains the results of the 2022 Audiologist Workforce Survey. More than 500 audiologists voluntarily participated in this survey. The Virginia Department of Health Professions' Healthcare Workforce Data Center (HWDC) administers the survey during the license renewal process, which takes place every June for audiologists. These survey respondents represent 84% of the 601 audiologists licensed in the state and 96% of renewing practitioners.

The HWDC estimates that 449 audiologists participated in Virginia's workforce during the survey period, which is defined as those audiologists who worked at least a portion of the year in the state or who live in the state and intend to work as an audiologist at some point in the future. Over the past year, Virginia's audiologist workforce provided 405 "full-time equivalency units," which the HWDC defines simply as working 2,000 hours per year.

Nearly nine out of every ten audiologists are female, and the median age of this workforce is 45. In a random encounter between two audiologists, there is a 21% chance that they would be of different races or ethnicities, a measure known as the diversity index. This diversity index decreases to 20% among those audiologists who are under the age of 40. Both of these values are well below the comparable diversity index of 58% for Virginia's population as a whole. Nearly one-quarter of all audiologists grew up in a rural area, and 13% of audiologists who grew up in a rural area currently work in a non-metro area of Virginia. In total, 6% of all audiologists work in a non-metro area of the state.

Among all audiologists, 96% are currently employed in the profession, 82% hold one full-time job, and 58% work between 40 and 49 hours per week. More than four out of every five audiologists are employed in the private sector, including 68% who work in the for-profit sector. The median annual income of Virginia's audiology workforce is between \$80,000 and \$90,000, and 71% of audiologists receive this income in the form of a salary. In addition, 85% of wage and salaried audiologists receive at least one employer sponsored benefit, including 60% who have access to health insurance. More than nine out of every ten audiologists indicated that they are satisfied with their current work situation, including 65% of audiologists who indicated that they are "very satisfied."

Summary of Trends

In this section, all statistics for the current year are compared to the 2017 audiologist workforce. The number of licensed audiologists in Virginia has increased by 12% (601 vs. 535). In addition, the size of Virginia's audiology workforce has increased by 10% (449 vs. 410), and the number of FTEs provided by this workforce has increased by 11% (405 vs. 365). Virginia's renewing audiologists are more likely to respond to this survey (96% vs. 91%).

Although females continue to constitute the vast majority of Virginia's audiologists, their percentage in the workforce has fallen (87% vs. 91%). This is also the case among those audiologists who are under the age of 40 (90% vs. 99%). Virginia's audiology workforce has become slightly more diverse (21% vs. 20%) during a time in which Virginia's overall population has also become more diverse (58% vs. 56%). Audiologists are less likely to have grown up in a rural area (23% vs. 26%), and audiologists who grew up in a rural area are less likely to work in a non-metro area of Virginia (13% vs. 15%). The percentage of all audiologists who work in a non-metro area of the state has also fallen (6% vs. 7%).

Audiologists are more likely to carry a Doctorate of Audiology (AuD) as their highest professional degree (78% vs. 67%) instead of a Master's degree (16% vs. 24%). Audiologists are more likely to carry education debt (36% vs. 30%), and the median debt amount among those with education debt has increased (\$90k-\$100k vs. \$60k-\$70k). At the same time, the median annual income of Virginia's audiologists has increased (\$80k-\$90k vs. \$70k-\$80k), and audiologists are more likely to receive this income in the form of a salary (71% vs. 64%) instead of an hourly wage (14% vs. 19%).

Audiologists are more likely to be employed in the profession (96% vs. 94%), hold one full-time job (82% vs. 75%), and work between 40 and 49 hours per week (58% vs. 52%). Audiologists are more likely to work in a group private practice (31% vs. 20%) instead of a solo private practice (12% vs. 16%). Overall, audiologists less likely to indicate that they are satisfied with their current work situation (93% vs. 98%). A lower percentage of audiologists also indicated that they are "very satisfied" with their current work situation (65% vs. 70%).

A Closer Look:

Licensee Counts		
License Status	#	%
Renewing Practitioners	508	85%
New Licensees	40	7%
Non-Renewals	53	9%
All Licensees	601	100%

Source: Va. Healthcare Workforce Data Center

HWDC surveys tend to achieve very high response rates. Among all renewing audiologists, 96% submitted a survey. These represent 84% of all audiologists who held a license at some point in the past year.

Definitions

- 1. The Survey Period:** The survey was conducted in June 2022.
- 2. Target Population:** All audiologists who held a Virginia license at some point between July 2021 and June 2022.
- 3. Survey Population:** The survey was available to those who renewed their licenses online. It was not available to those who did not renew, including some audiologists newly licensed in 2022.

Response Rates

Statistic	Non Respondents	Respondent	Response Rate
By Age			
Under 30	16	46	74%
30 to 34	20	62	76%
35 to 39	13	63	83%
40 to 44	12	58	83%
45 to 49	12	70	85%
50 to 54	5	51	91%
55 to 59	4	50	93%
60 and Over	13	106	89%
Total	95	506	84%
New Licenses			
Issued in Past Year	22	18	45%
Metro Status			
Non-Metro	9	27	75%
Metro	42	334	89%
Not in Virginia	44	145	77%

Source: Va. Healthcare Workforce Data Center

Response Rates

Completed Surveys	506
Response Rate, All Licensees	84%
Response Rate, Renewals	96%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Licensed Audiologists

Number: 601
 New: 7%
 Not Renewed: 9%

Survey Response Rates

All Licensees: 84%
 Renewing Practitioners: 96%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Workforce

2022 Audiologist Workforce: 449
 FTEs: 405

Utilization Ratios

Licensees in VA Workforce: 75%
 Licensees per FTE: 1.48
 Workers per FTE: 1.11

Source: Va. Healthcare Workforce Data Center

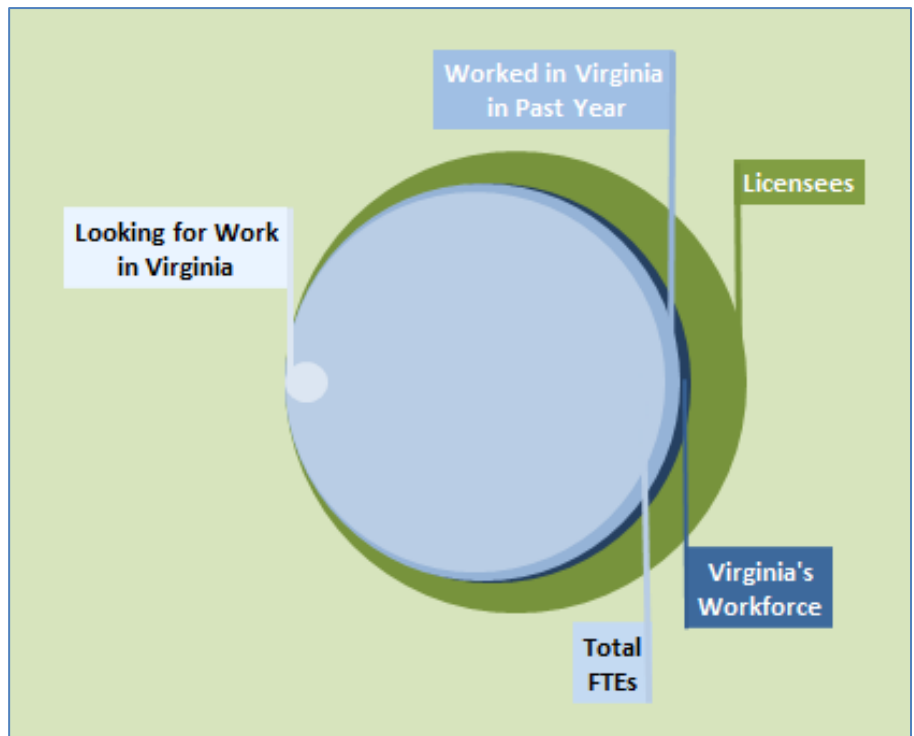
Definitions

- 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.

Audiologist Workforce

Status	#	%
Worked in Virginia in Past Year	443	99%
Looking for Work in Virginia	5	1%
Virginia's Workforce	449	100%
Total FTEs	405	
Licensees	601	

Source: Va. Healthcare Workforce Data Center



Source: Va. Healthcare Workforce Data Center

Weighting is used to estimate the figures in this report. Unless otherwise noted, figures refer to the Virginia Workforce only. For more information on the HWDC’s methodology, visit: <https://www.dhp.virginia.gov/PublicResources/HealthcareWorkforceDataCenter/>

A Closer Look:

Age & Gender						
Age	Male		Female		Total	
	#	% Male	#	% Female	#	% in Age Group
Under 30	3	6%	46	95%	48	13%
30 to 34	7	13%	46	87%	53	14%
35 to 39	6	13%	39	87%	45	12%
40 to 44	2	6%	35	94%	37	10%
45 to 49	6	12%	41	88%	47	13%
50 to 54	1	4%	27	96%	28	8%
55 to 59	10	29%	25	71%	35	10%
60 and Over	14	19%	59	81%	73	20%
Total	49	13%	318	87%	366	100%

Source: Va. Healthcare Workforce Data Center

Race & Ethnicity					
Race/ Ethnicity	Virginia*	Audiologists		Audiologists Under 40	
	%	#	%	#	%
White	60%	331	89%	133	89%
Black	19%	13	3%	1	1%
Asian	7%	12	3%	6	4%
Other Race	0%	1	0%	1	1%
Two or More Races	3%	6	2%	4	3%
Hispanic	10%	9	2%	4	3%
Total	100%	372	100%	149	100%

*Population data in this chart is from the U.S. Census, Annual Estimates of the Resident Population by Sex, Race, and Hispanic Origin for the United States, States, and Counties: July 1, 2021.

Source: Va. Healthcare Workforce Data Center

Two out of every five audiologists are under the age of 40, and 90% of audiologists who are under the age of 40 are female. In addition, audiologists who are under the age of 40 have a diversity index of 20%.

At a Glance:

Gender

% Female: 87%
% Under 40 Female: 90%

Age

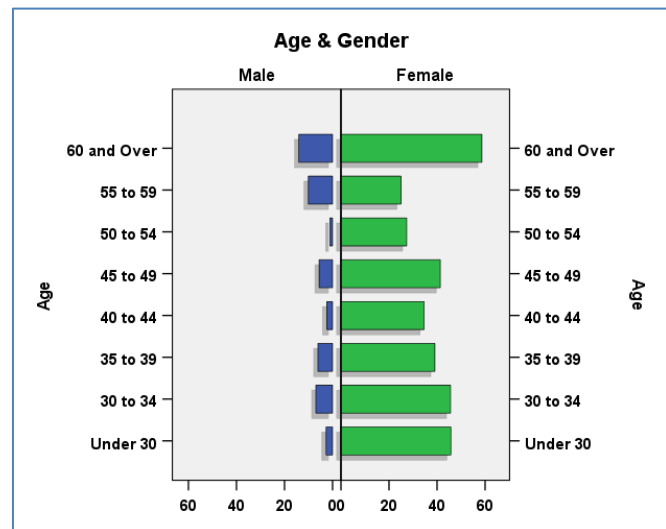
Median Age: 45
% Under 40: 40%
% 55+: 30%

Diversity

Diversity Index: 21%
Under 40 Div. Index: 20%

Source: Va. Healthcare Workforce Data Center

In a chance encounter between two audiologists, there is a 21% chance that they would be of different races or ethnicities (a measure known as the Diversity Index). For Virginia's population as a whole, the comparable number is 58%.



Source: Va. Healthcare Workforce Data Center

At a Glance:

Childhood

Urban Childhood: 11%
 Rural Childhood: 23%

Virginia Background

HS in Virginia: 39%
 Prof. Education in VA: 31%
 HS/Prof. Edu. in VA: 47%

Location Choice

% Rural to Non-Metro: 13%
 % Urban/Suburban to Non-Metro: 5%

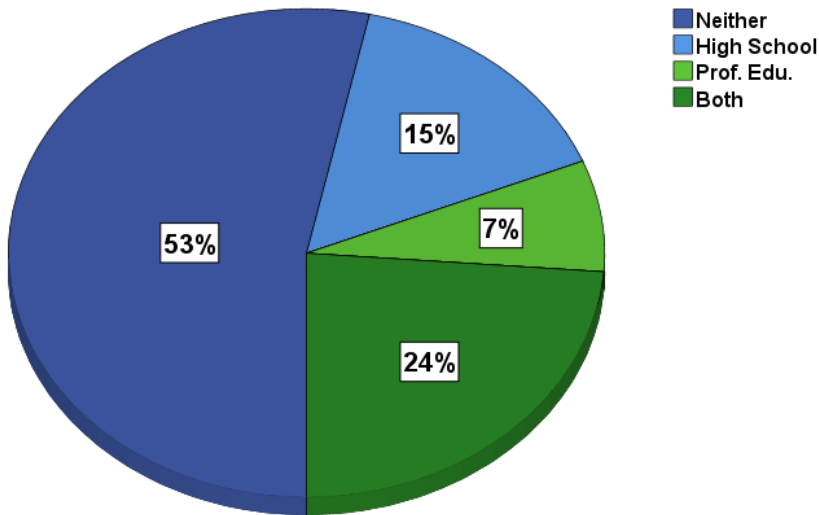
Source: Va. Healthcare Workforce Data Center

A Closer Look:

Primary Location: USDA Rural Urban Continuum		Rural Status of Childhood Location		
Code	Description	Rural	Suburban	Urban
Metro Counties				
1	Metro, 1 Million+	18%	73%	8%
2	Metro, 250,000 to 1 Million	24%	60%	16%
3	Metro, 250,000 or Less	34%	57%	9%
Non-Metro Counties				
4	Urban, Pop. 20,000+, Metro Adjacent	38%	0%	63%
6	Urban, Pop. 2,500-19,999, Metro Adjacent	33%	0%	67%
7	Urban, Pop. 2,500-19,999, Non-Adjacent	43%	57%	0%
8	Rural, Metro Adjacent	100%	0%	0%
9	Rural, Non-Adjacent	67%	33%	0%
Overall		23%	67%	11%

Source: Va. Healthcare Workforce Data Center

Educational Background in Virginia



Source: Va. Healthcare Workforce Data Center

Nearly one-quarter of all audiologists grew up in a self-described rural area, and 13% of audiologists who grew up in a rural area currently work in a non-metro county. In total, 6% of all audiologists currently work in a non-metro county.

Top Ten States for Audiologist Recruitment

Rank	All Professionals			
	High School	#	Professional School	#
1	Virginia	145	Virginia	114
2	New York	25	Tennessee	33
3	Maryland	24	Washington, D.C.	22
4	Ohio	16	Maryland	22
5	Pennsylvania	14	Pennsylvania	20
6	New Jersey	13	Ohio	17
7	West Virginia	13	New York	17
8	Michigan	12	West Virginia	16
9	Illinois	12	North Carolina	12
10	Florida	11	Michigan	10

Source: Va. Healthcare Workforce Data Center

Nearly two out of every five audiologists received their high school degree in Virginia, and 31% received their initial professional degree in the state.

Rank	Licensed in the Past 5 Years			
	High School	#	Professional School	#
1	Virginia	35	Virginia	16
2	Pennsylvania	8	Maryland	13
3	New York	8	Tennessee	12
4	Maryland	7	Pennsylvania	9
5	New Jersey	7	Washington, D.C.	8
6	Illinois	6	West Virginia	6
7	Florida	6	Ohio	5
8	West Virginia	4	Florida	4
9	Minnesota	4	New York	4
10	Outside U.S./Canada	3	Michigan	4

Source: Va. Healthcare Workforce Data Center

Among audiologists who obtained their license in the past five years, 31% received their high school degree in Virginia, and 14% received their initial professional degree in the state.

One-fourth of licensed audiologists did not participate in Virginia's workforce in the past year. More than 90% of these audiologists worked at some point in the past year, including 84% who are currently employed as audiologists.

At a Glance:

Not in VA Workforce

Total:	152
% of Licensees:	25%
Federal/Military:	14%
Va. Border State/DC:	32%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Highest Professional Degree		
Degree	#	%
Master's Degree	59	16%
AuD	284	78%
PhD	21	6%
Other Doctorate Degree	1	0%
Total	366	100%

Source: Va. Healthcare Workforce Data Center

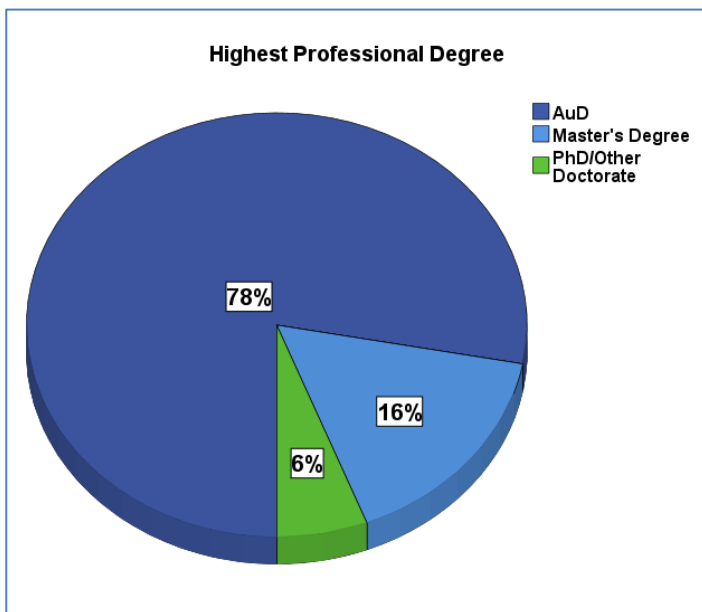
At a Glance:

Education
 Doctor of Audiology: 78%
 Master's Degree: 16%

Education Debt
 Carry Debt: 36%
 Under Age 40 w/ Debt: 62%
 Median Debt: \$90k-\$100k

Source: Va. Healthcare Workforce Data Center

More than three-quarters of all audiologists hold a Doctorate of Audiology (AuD) as their highest professional degree.



Source: Va. Healthcare Workforce Data Center

More than one-third of audiologists currently have education debt, including 62% of those who are under the age of 40. For those with education debt, the median outstanding balance on their loans is between \$90,000 and \$100,000.

Amount Carried	Education Debt			
	All Audiologists		Audiologists Under 40	
	#	%	#	%
None	202	64%	50	36%
Less than \$10,000	6	2%	2	1%
\$10,000-\$19,999	8	3%	2	1%
\$20,000-\$29,999	4	1%	4	3%
\$30,000-\$39,999	6	2%	5	4%
\$40,000-\$49,999	5	2%	1	1%
\$50,000-\$59,999	11	3%	10	7%
\$60,000-\$69,999	4	1%	4	3%
\$70,000-\$79,999	8	3%	6	4%
\$80,000-\$89,999	6	2%	6	4%
\$90,000-\$99,999	11	3%	8	6%
\$100,000 or More	46	15%	37	27%
Total	317	100%	135	98%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Top Specialties

Hearing Aids/Devices:	53%
Geriatrics:	26%
Pediatrics:	25%

Top Credentials

CCC-A Audiology:	65%
Hearing Aid Disp. License:	50%
F-AAA Fellow:	29%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Self-Designated Specialties		
Specialty	#	% of Workforce
Hearing Aids/Devices	240	53%
Geriatrics	116	26%
Pediatrics	111	25%
Vestibular	86	19%
Cochlear Implants	49	11%
Educational	47	10%
Occupational Hearing Conservation	42	9%
Intraoperative Monitoring	7	2%
Other	36	8%
Total	302	67%

Source: Va. Healthcare Workforce Data Center

Credentials		
Credential	#	% of Workforce
CCC-A: Audiology	292	65%
Hearing Aid Dispenser License	223	50%
F-AAA Fellow	131	29%
ABA Certification	21	5%
CCC-SLP: Speech-Language Pathology	8	2%
PASC: Pediatric Audiology	5	1%
Other	12	3%
Total	350	78%

Source: Va. Healthcare Workforce Data Center

Two-thirds of all audiologists have at least one self-designated specialty, while 78% have at least one credential.

At a Glance:

Employment

Employed in Profession: 96%
Involuntarily Unemployed: 1%

Positions Held

1 Full-Time: 82%
2 or More Positions: 5%

Weekly Hours:

40 to 49: 58%
60 or More: 4%
Less Than 30: 8%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Current Work Status		
Status	#	%
Employed, Capacity Unknown	0	0%
Employed in an Audiologist-Related Capacity	354	96%
Employed, NOT in an Audiologist-Related Capacity	5	1%
Not Working, Reason Unknown	0	0%
Involuntarily Unemployed	2	1%
Voluntarily Unemployed	4	1%
Retired	2	1%
Total	368	100%

Source: Va. Healthcare Workforce Data Center

Current Positions		
Positions	#	%
No Positions	8	2%
One Part-Time Position	39	11%
Two Part-Time Positions	4	1%
One Full-Time Position	298	82%
One Full-Time Position & One Part-Time Position	15	4%
Two Full-Time Positions	0	0%
More than Two Positions	1	0%
Total	365	100%

Source: Va. Healthcare Workforce Data Center

Among all audiologists, 96% are currently employed in the profession, 82% have one full-time job, and 58% work between 40 and 49 hours per week.

Current Weekly Hours		
Hours	#	%
0 Hours	8	2%
1 to 9 Hours	5	1%
10 to 19 Hours	9	3%
20 to 29 Hours	14	4%
30 to 39 Hours	76	21%
40 to 49 Hours	208	58%
50 to 59 Hours	21	6%
60 to 69 Hours	8	2%
70 to 79 Hours	5	1%
80 or More Hours	2	1%
Total	356	100%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Annual Income		
Income Level	#	%
Volunteer Work Only	0	0%
Less Than \$20,000	7	2%
\$20,000-\$29,999	5	2%
\$30,000-\$39,999	6	2%
\$40,000-\$49,999	5	2%
\$50,000-\$59,999	15	5%
\$60,000-\$69,999	33	12%
\$70,000-\$79,999	46	16%
\$80,000-\$89,999	46	16%
\$90,000-\$99,999	40	14%
\$100,000-\$109,999	38	13%
\$110,000-\$119,999	13	5%
\$120,000 or More	29	11%
Total	283	100%

Source: Va. Healthcare Workforce Data Center

Job Satisfaction		
Level	#	%
Very Satisfied	231	65%
Somewhat Satisfied	101	28%
Somewhat Dissatisfied	23	7%
Very Dissatisfied	2	1%
Total	358	100%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Annual Earnings
Median Income: \$80k-\$90k

Benefits
Health Insurance: 60%
Retirement: 72%

Satisfaction
Satisfied: 93%
Very Satisfied: 65%

Source: Va. Healthcare Workforce Data Center

The typical audiologist earns between \$80,000 and \$90,000 per year. In addition, 85% of wage and salaried audiologists receive at least one employer-sponsored benefit, including 60% who have access to health insurance.

Employer-Sponsored Benefits			
Benefit	#	%	% of Wage/Salary Employees
Paid Vacation	258	73%	82%
Retirement	232	66%	72%
Paid Sick Leave	202	57%	66%
Health Insurance	189	53%	60%
Dental Insurance	160	45%	52%
Group Life Insurance	119	34%	39%
Signing/Retention Bonus	17	5%	5%
At Least One Benefit	269	76%	85%

*From any employer at time of survey.

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Employment Instability in the Past Year		
In The Past Year, Did You . . . ?	#	%
Experience Involuntary Unemployment?	4	1%
Experience Voluntary Unemployment?	17	4%
Work Part-Time or Temporary Positions, but Would Have Preferred a Full-Time/Permanent Position?	2	< 1%
Work Two or More Positions at the Same Time?	21	5%
Switch Employers or Practices?	19	4%
Experience At Least One?	58	13%

Source: Va. Healthcare Workforce Data Center

Only 1% of Virginia’s audiologists experienced involuntary unemployment at some point over the past year. For comparison, Virginia’s average monthly unemployment rate was 3.1%.¹

Location Tenure				
Tenure	Primary		Secondary	
	#	%	#	%
Not Currently Working at This Location	5	1%	4	5%
Less than 6 Months	15	4%	7	9%
6 Months to 1 Year	37	11%	2	3%
1 to 2 Years	62	18%	20	25%
3 to 5 Years	62	18%	15	19%
6 to 10 Years	66	19%	14	18%
More than 10 Years	99	29%	18	23%
Subtotal	347	100%	80	100%
Did Not Have Location	8		368	
Item Missing	94		1	
Total	449		449	

Source: Va. Healthcare Workforce Data Center

More than seven out of every ten audiologists receive a salary or commission at their primary work location.

At a Glance:

Unemployment Experience

Involuntarily Unemployed: 1%
Underemployed: < 1%

Turnover & Tenure

Switched: 4%
New Location: 18%
Over 2 Years: 65%
Over 2 Yrs., 2nd Location: 59%

Employment Type

Salary/Commission: 71%
Hourly Wage: 14%

Source: Va. Healthcare Workforce Data Center

Nearly two-thirds of audiologists have worked at their primary work location for more than two years.

Employment Type

Primary Work Site	#	%
Salary/Commission	188	71%
Hourly Wage	37	14%
By Contract/Per Diem	8	3%
Business/Practice Income	30	11%
Unpaid	1	0%
Subtotal	264	100%

Source: Va. Healthcare Workforce Data Center

¹ As reported by the U.S. Bureau of Labor Statistics. Over the past year, the non-seasonally adjusted monthly unemployment rate fluctuated between a low of 2.5% and a high of 4.2%. At the time of publication, the unemployment rate for June 2022 was still preliminary.

At a Glance:

Concentration

Top Region:	35%
Top 3 Regions:	75%
Lowest Region:	1%

Locations

2 or More (Past Year):	23%
2 or More (Now*):	22%

Source: Va. Healthcare Workforce Data Center

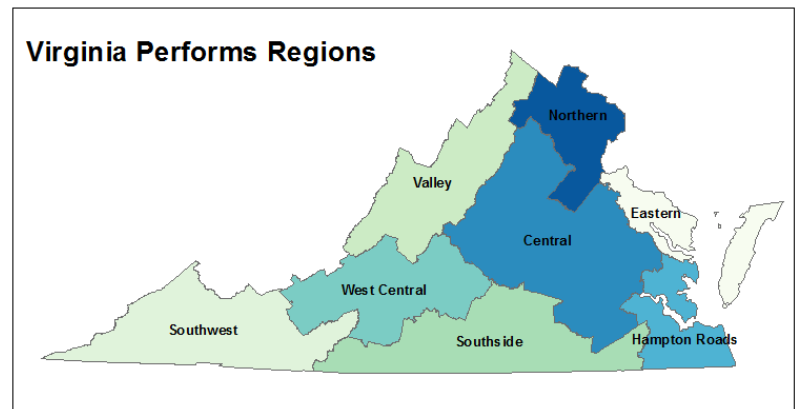
Three out of every four audiologists in the state work in Northern Virginia, Hampton Roads, and Central Virginia.

A Closer Look:

Regional Distribution of Work Locations				
Virginia Performs Region	Primary Location		Secondary Location	
	#	%	#	%
Central	59	17%	12	15%
Eastern	4	1%	0	0%
Hampton Roads	79	23%	16	20%
Northern	123	35%	26	33%
Southside	10	3%	2	3%
Southwest	14	4%	3	4%
Valley	25	7%	5	6%
West Central	27	8%	3	4%
Virginia Border State/D.C.	5	1%	6	8%
Other U.S. State	2	1%	7	9%
Outside of the U.S.	0	0%	0	0%
Total	348	100%	80	100%
Item Missing	92		1	

Source: Va. Healthcare Workforce Data Center

Virginia Performs Regions



Source: Va. Healthcare Workforce Data Center

Among all audiologists, 22% currently have multiple work locations, while 23% have had multiple work location over the past year.

Number of Work Locations				
Locations	Work Locations in Past Year		Work Locations Now*	
	#	%	#	%
0	5	2%	9	3%
1	265	76%	265	76%
2	48	14%	45	13%
3	24	7%	24	7%
4	1	0%	1	0%
5	2	1%	1	0%
6 or More	5	1%	5	1%
Total	351	100%	350	100%

*At the time of survey completion, June 2022.

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Sector	Location Sector			
	Primary Location		Secondary Location	
	#	%	#	%
For-Profit	226	68%	54	73%
Non-Profit	50	15%	14	19%
State/Local Government	31	9%	2	3%
Veterans Administration	11	3%	2	3%
U.S. Military	11	3%	1	1%
Other Federal Gov't	4	1%	1	1%
Total	333	100%	74	100%
Did Not Have Location	8		368	
Item Missing	109		5	

Source: Va. Healthcare Workforce Data Center

At a Glance: (Primary Locations)

Sector

For Profit:	68%
Federal:	8%

Top Establishments

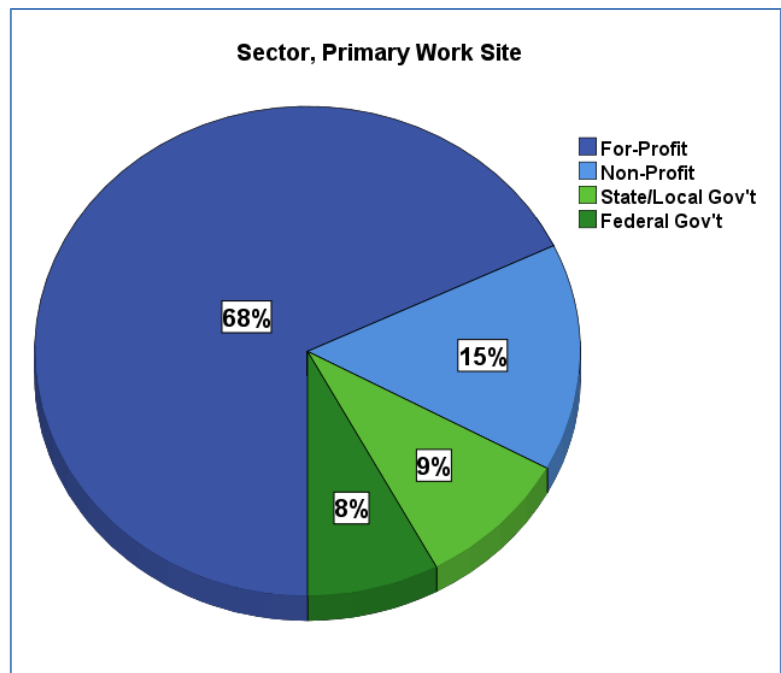
Private Practice (Group):	31%
Physician Office:	19%
Hospital (Outpatient):	18%

Payment Method

Cash/Self-Pay:	58%
Private Insurance:	56%

Source: Va. Healthcare Workforce Data Center

More than 80% of audiologists work in the private sector, including 68% who work at for-profit establishments. Another 8% of Virginia's audiologists work for the federal government.



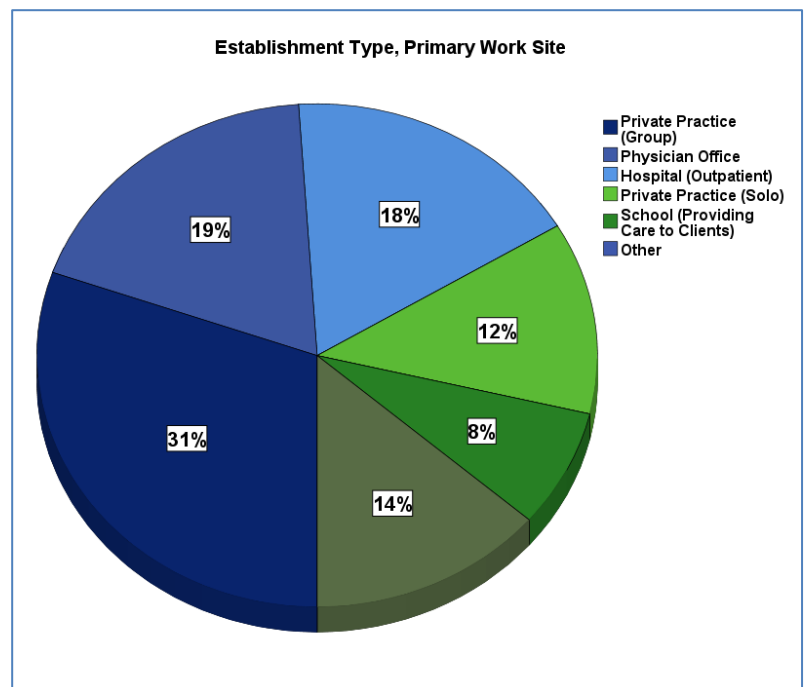
Source: Va. Healthcare Workforce Data Center

Establishment Type	Location Type			
	Primary Location		Secondary Location	
	#	%	#	%
Private Practice (Group)	97	31%	18	24%
Physician Office	59	19%	14	19%
Hospital (Outpatient)	56	18%	15	20%
Private Practice (Solo)	39	12%	10	14%
School (Providing Care to Clients)	24	8%	3	4%
Community-Based Clinic or Health Center	10	3%	4	5%
Academic Institution (Teaching Health Professions Students or Research)	8	3%	1	1%
Administrative/Business Organization	5	2%	3	4%
Hospital (Inpatient)	3	1%	0	0%
Home Health Care	0	0%	1	1%
Outpatient Surgical Center	0	0%	1	1%
Other	17	5%	4	5%
Total	318	100%	74	100%
Did Not Have a Location	8		368	

Source: Va. Healthcare Workforce Data Center

Nearly one-third of all audiologists work at group private practices, the most of any establishment type in the state. Another 19% work at physicians' offices.

Among those audiologists who also have a secondary work location, 24% work at group private practices and 20% work at the outpatient department of hospitals. Cash or self-pay is the most commonly accepted form of payment among Virginia's audiologists.



Source: Va. Healthcare Workforce Data Center

Accepted Forms of Payment		
Payment Type	#	% of Workforce
Cash or Self-Pay	260	58%
Private Insurance	253	56%
Medicare	232	52%
Medicaid	177	39%

Source: Va. Healthcare Workforce Data Center

At a Glance: (Primary Locations)

Languages Offered

Spanish:	22%
Korean:	11%
Arabic:	11%

Means of Communication

Virtual Translation:	46%
Other Staff Member:	44%
Onsite Translation:	37%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Languages Offered		
Language	#	% of Workforce
Spanish	98	22%
Korean	51	11%
Arabic	50	11%
Hindi	50	11%
Chinese	46	10%
French	46	10%
Vietnamese	44	10%
Persian	43	10%
Tagalog/Filipino	42	9%
Urdu	41	9%
Amharic, Somali, or Other Afro-Asiatic Languages	38	8%
Pashto	36	8%
Other Language	46	10%
At Least One Language	123	27%

Source: Va. Healthcare Workforce Data Center

Among all audiologists, 22% are employed at a primary work location that offers Spanish language services for patients.

Means of Language Communication

Provision	#	% of Workforce with Language Services
Virtual Translation Service	57	46%
Other Staff Member is Proficient	54	44%
Onsite Translation Service	45	37%
Respondent is Proficient	30	24%
Other	3	2%

Source: Va. Healthcare Workforce Data Center

Nearly half of all audiologists who are employed at a primary work location that offers language services for patients provide it by means of a virtual translation service.

At a Glance: (Primary Locations)

Typical Time Allocation

Client Care: 70%-79%
Administration: 10%-19%

Roles

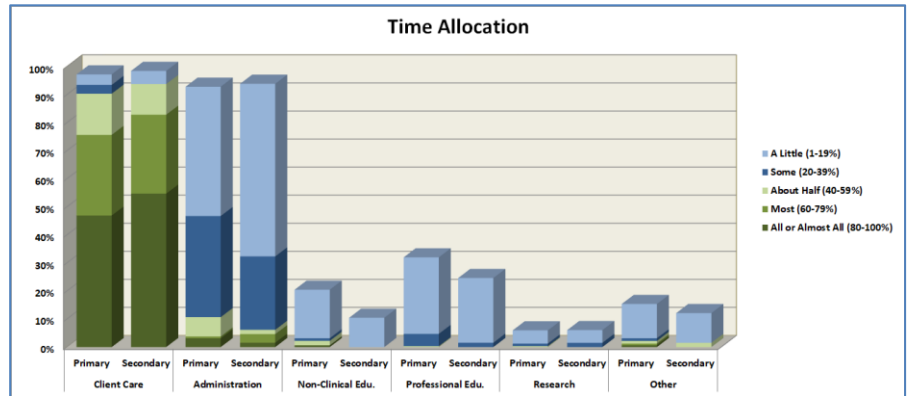
Patient Care: 76%
Administration: 4%

Patient Care Audiologists

Median Admin Time: 10%-19%
Avg. Admin Time: 10%-19%

Source: Va. Healthcare Workforce Data Center

A Closer Look:



Source: Va. Healthcare Workforce Data Center

Audiologists spend approximately three-quarters of their time in client care activities. In fact, 76% of audiologists fill a client care role, defined as spending at least 60% of their time in that activity.

Time Allocation

Time Spent	Client Care		Admin.		Non-Clinical Education		Professional Education		Research		Other	
	Pri. Site	Sec. Site	Pri. Site	Sec. Site	Pri. Site	Sec. Site	Pri. Site	Sec. Site	Pri. Site	Sec. Site	Pri. Site	Sec. Site
All or Almost All (80-100%)	47%	53%	3%	2%	1%	0%	0%	0%	0%	0%	1%	0%
Most (60-79%)	29%	27%	1%	3%	0%	0%	0%	0%	0%	0%	1%	0%
About Half (40-59%)	15%	11%	7%	2%	2%	0%	0%	0%	0%	0%	1%	2%
Some (20-39%)	3%	0%	36%	26%	1%	0%	4%	2%	1%	2%	1%	0%
A Little (1-19%)	4%	5%	46%	61%	17%	11%	27%	23%	5%	5%	12%	11%
None (0%)	3%	2%	7%	6%	79%	91%	68%	74%	94%	94%	84%	88%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Weekly Patient Totals

(Median)

Primary Location: 30-39

Secondary Location: 10-19

Total: 30-39

% with Group Sessions

Primary Location: 9%

Secondary Location: 3%

Source: Va. Healthcare Workforce Data Center

A Closer Look:

Weekly Patients Totals						
Number of Patients	Primary Work Location		Secondary Work Location		Total ²	
	#	%	#	%	#	%
None	19	6%	7	9%	18	5%
1-9	27	8%	21	27%	16	5%
10-19	44	13%	19	24%	34	10%
20-29	55	17%	19	24%	53	16%
30-39	67	20%	4	5%	58	18%
40-49	53	16%	6	8%	53	16%
50-59	37	11%	1	1%	46	14%
60-69	14	4%	0	0%	25	8%
70-79	9	3%	0	0%	14	4%
80 or More	8	2%	1	1%	14	4%
Total	333	100%	78	100%	331	100%

Source: Va. Healthcare Workforce Data Center

Audiologists typically treat between 30 and 39 patients per week at their primary work location. In addition, audiologists who also have a secondary work location treat an additional 10 to 19 patients per week.

Weekly Patient Sessions								
Number of Sessions	Primary Work Location				Secondary Work Location			
	Individual Sessions		Group Sessions		Individual Sessions		Group Sessions	
	#	%	#	%	#	%	#	%
None	14	4%	301	91%	7	9%	75	97%
1-9	34	10%	25	8%	23	29%	1	1%
10-19	49	15%	1	0%	19	24%	0	0%
20-29	52	16%	2	1%	19	24%	0	0%
30-39	73	22%	1	0%	3	4%	1	1%
40-49	53	16%	0	0%	8	10%	0	0%
50-59	31	9%	0	0%	1	1%	0	0%
60-69	11	3%	0	0%	0	0%	0	0%
70-79	5	2%	0	0%	0	0%	0	0%
80 or More	5	2%	1	0%	0	0%	0	0%
Total	327	100%	332	100%	79	100%	77	100%

Source: Va. Healthcare Workforce Data Center

² This column estimates the total number of patients treated per week across both primary and secondary work locations.

A Closer Look:

Retirement Expectations				
Expected Retirement Age	All		50 and Over	
	#	%	#	%
Under Age 50	5	2%	-	-
50 to 54	7	2%	0	0%
55 to 59	30	10%	5	5%
60 to 64	92	30%	23	21%
65 to 69	107	35%	46	43%
70 to 74	35	12%	17	16%
75 to 79	7	2%	3	3%
80 or Over	2	1%	2	2%
I Do Not Intend to Retire	18	6%	12	11%
Total	303	100%	108	100%

Source: Va. Healthcare Workforce Data Center

At a Glance:

Retirement Expectations

All Audiologists

Under 65: 44%
Under 60: 14%

Audiologists 50 and Over

Under 65: 26%
Under 60: 5%

Time Until Retirement

Within 2 Years: 5%
Within 10 Years: 20%
Half the Workforce: By 2047

Source: Va. Healthcare Workforce Data Center

More than two out of every five audiologists expect to retire by the age of 65. Among those audiologists who are age 50 or over, 26% expect to retire by the age of 65.

Within the next two years, 4% of audiologists expect to increase their client care hours. In addition, 5% of audiologists also expect to pursue additional educational opportunities.

Future Plans		
Two-Year Plans:	#	%
Decrease Participation		
Leave Profession	12	3%
Leave Virginia	15	3%
Decrease Client Care Hours	22	5%
Decrease Teaching Hours	1	0%
Increase Participation		
Increase Client Care Hours	18	4%
Increase Teaching Hours	15	3%
Pursue Additional Education	21	5%
Return to Virginia's Workforce	0	0%

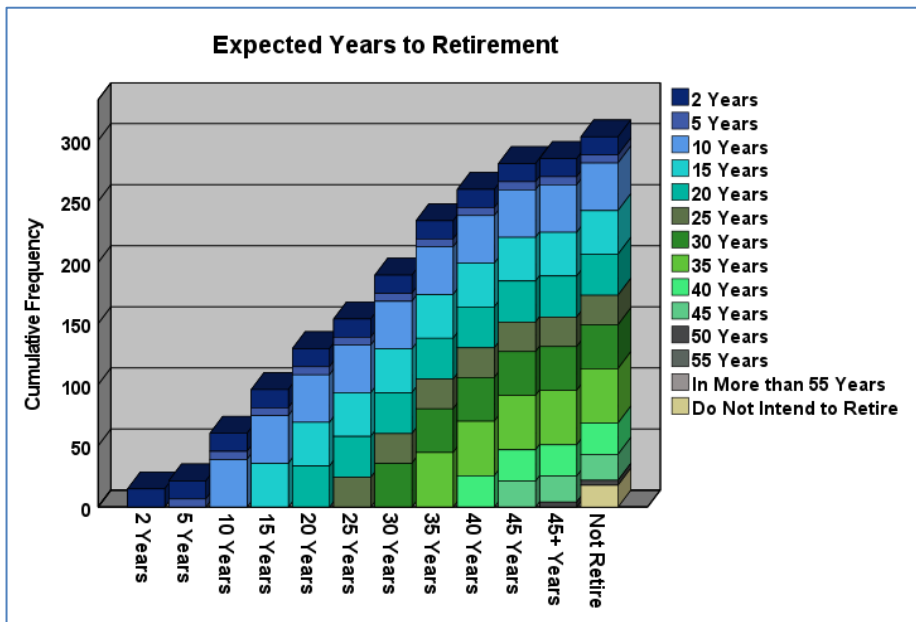
Source: Va. Healthcare Workforce Data Center

By comparing retirement expectation to age, we can estimate the maximum years to retirement for audiologists. Only 5% of audiologists expect to retire in the next two years, while 20% plan to retire in the next ten years. Half of the current audiology workforce expect to retire by 2047.

Time to Retirement

Expect to Retire Within . . .	#	%	Cumulative %
2 Years	15	5%	5%
5 Years	7	2%	7%
10 Years	39	13%	20%
15 Years	36	12%	32%
20 Years	34	11%	43%
25 Years	24	8%	51%
30 Years	36	12%	63%
35 Years	45	15%	78%
40 Years	26	9%	86%
45 Years	21	7%	93%
50 Years	4	1%	95%
55 Years	0	0%	95%
In More than 55 Years	0	0%	95%
Do Not Intend to Retire	18	6%	100%
Total	303	100%	

Source: Va. Healthcare Workforce Data Center



Source: Va. Healthcare Workforce Data Center

Using these estimates, retirement will begin to reach 10% of the current workforce every five years starting in 2032. Retirement will peak at 15% of the current workforce around 2057 before declining to under 10% of the current workforce again around 2062.

At a Glance:

FTEs

Total: 405
 FTEs/1,000 Residents³: 0.047
 Average: 0.92

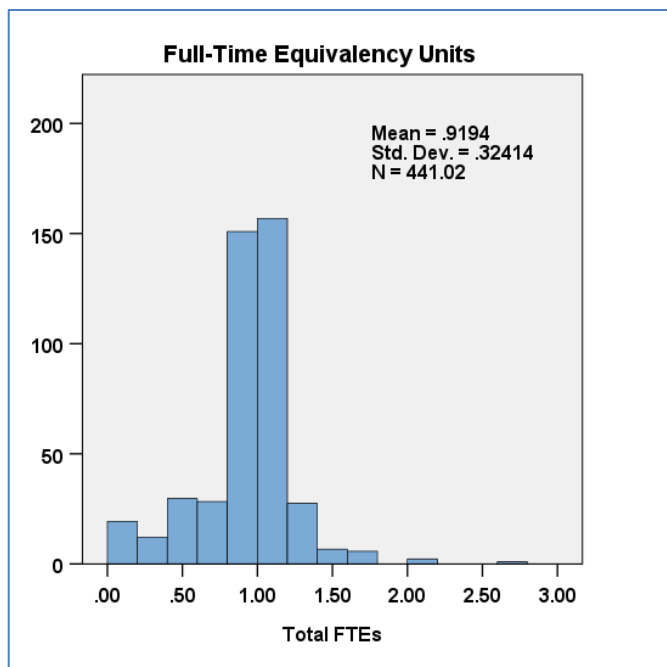
Age & Gender Effect

Age, *Partial Eta*²: Small
 Gender, *Partial Eta*²: Negligible

*Partial Eta*² Explained:
*Partial Eta*² is a statistical
 measure of effect size.

Source: Va. Healthcare Workforce Data Center

A Closer Look:

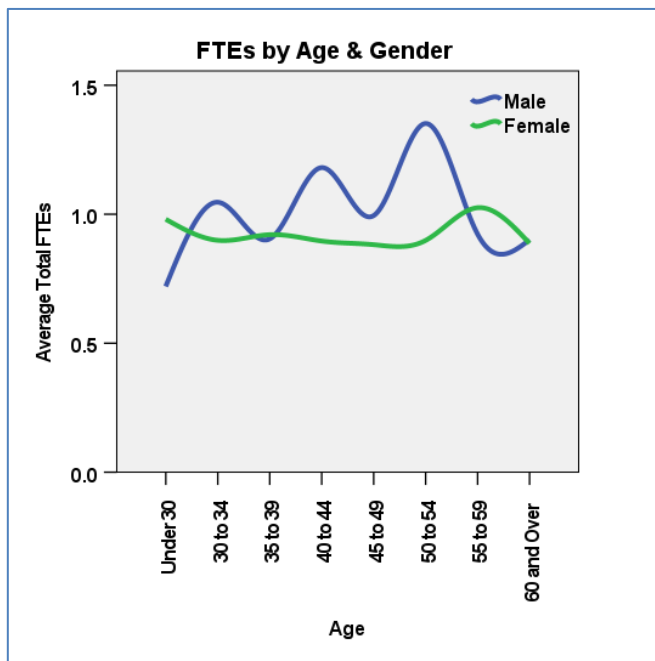


Source: Va. Healthcare Workforce Data Center

The typical audiologist provided 0.96 FTEs in the past year, or about 38 hours per week for 50 weeks. Statistical tests did not indicate that FTEs vary by age or gender⁴.

Full-Time Equivalency Units		
	Average	Median
Age		
Under 30	0.93	1.03
30 to 34	0.91	1.01
35 to 39	0.90	0.93
40 to 44	0.89	0.83
45 to 49	0.94	1.09
50 to 54	0.89	0.83
55 to 59	1.02	1.09
60 and Over	0.88	0.85
Gender		
Male	0.95	1.09
Female	0.92	0.96

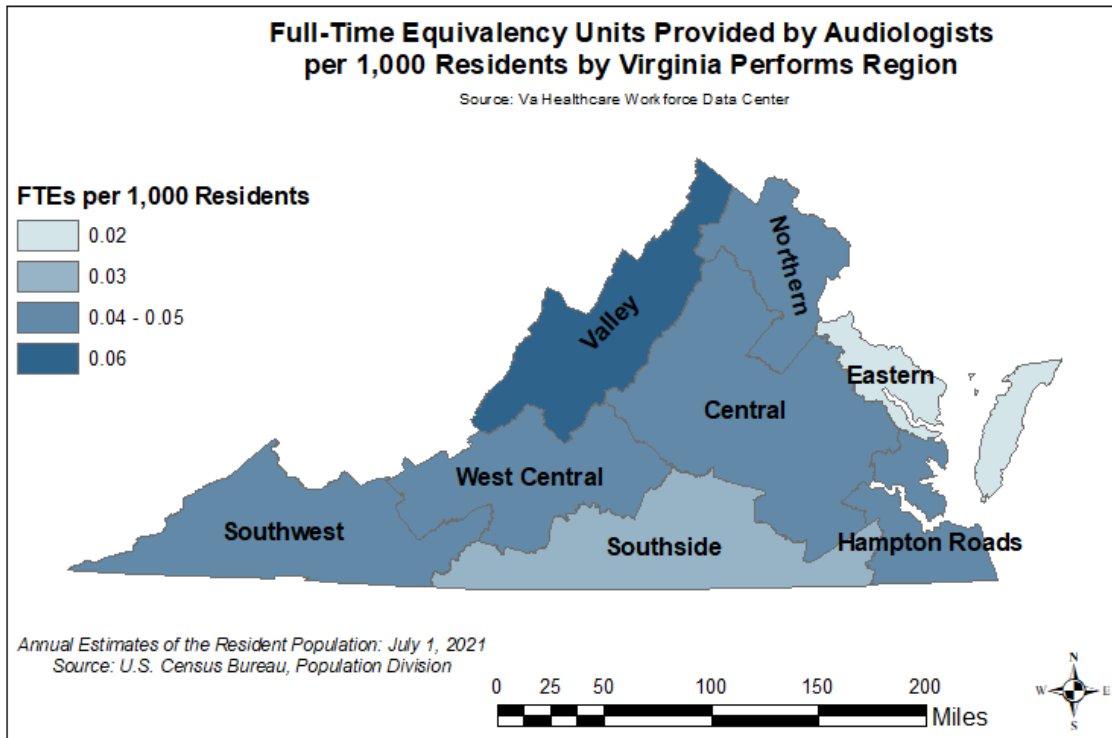
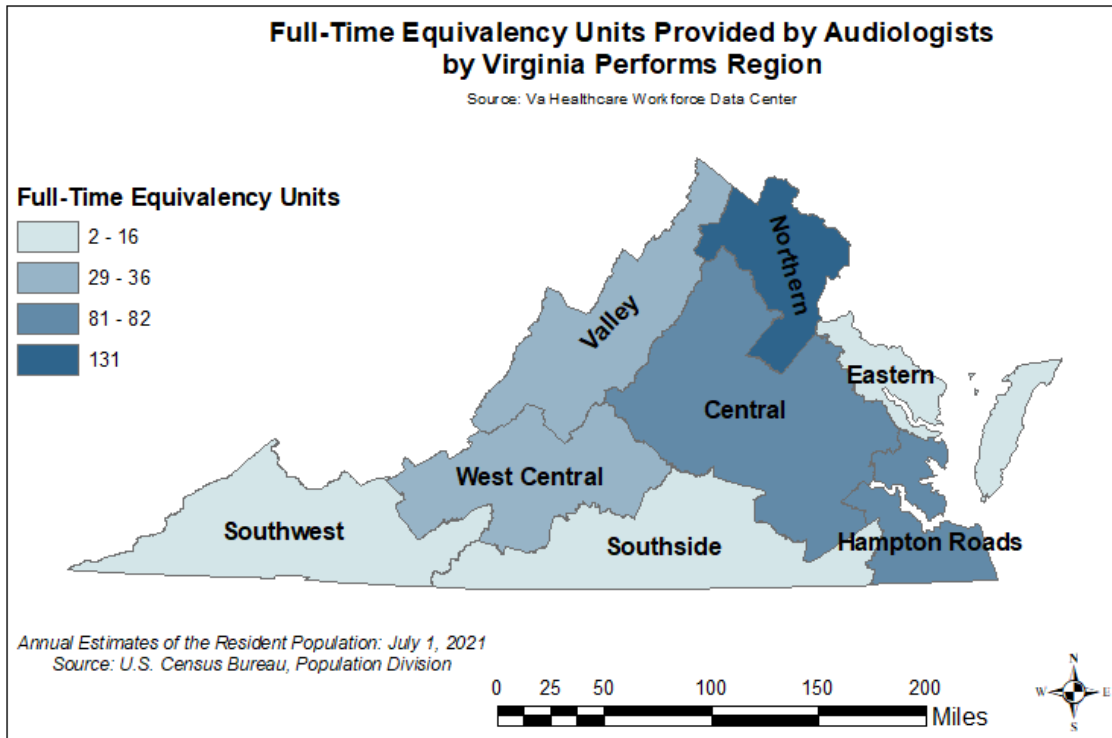
Source: Va. Healthcare Workforce Data Center

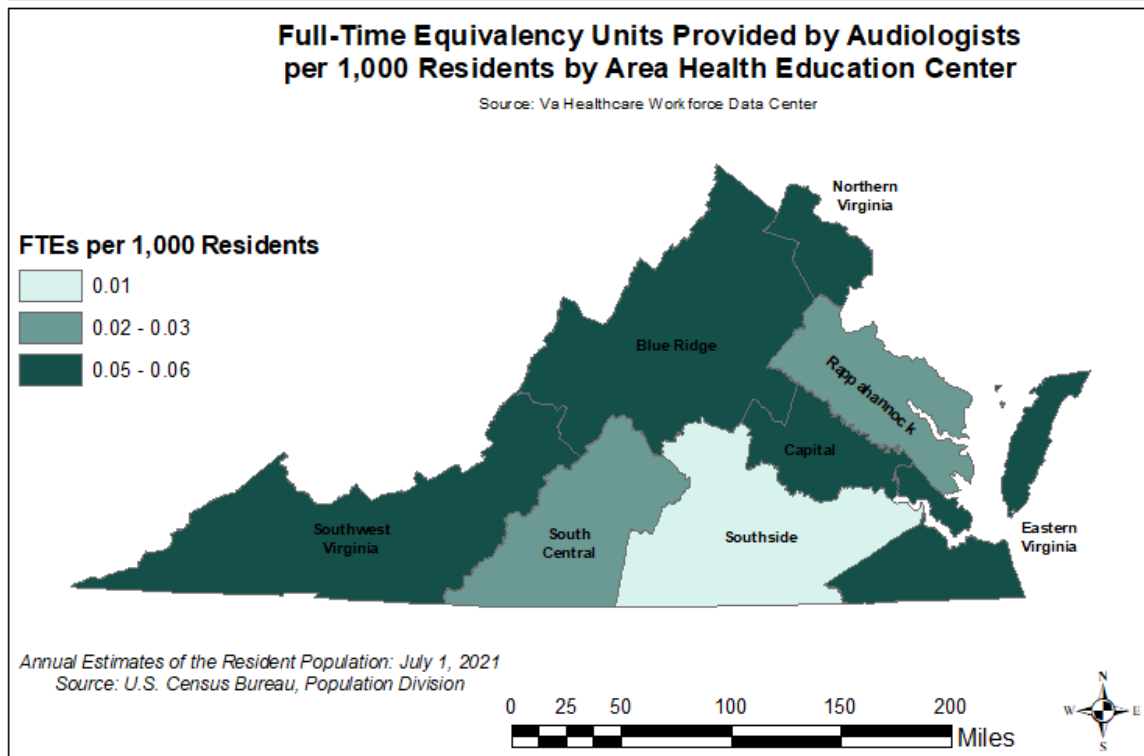
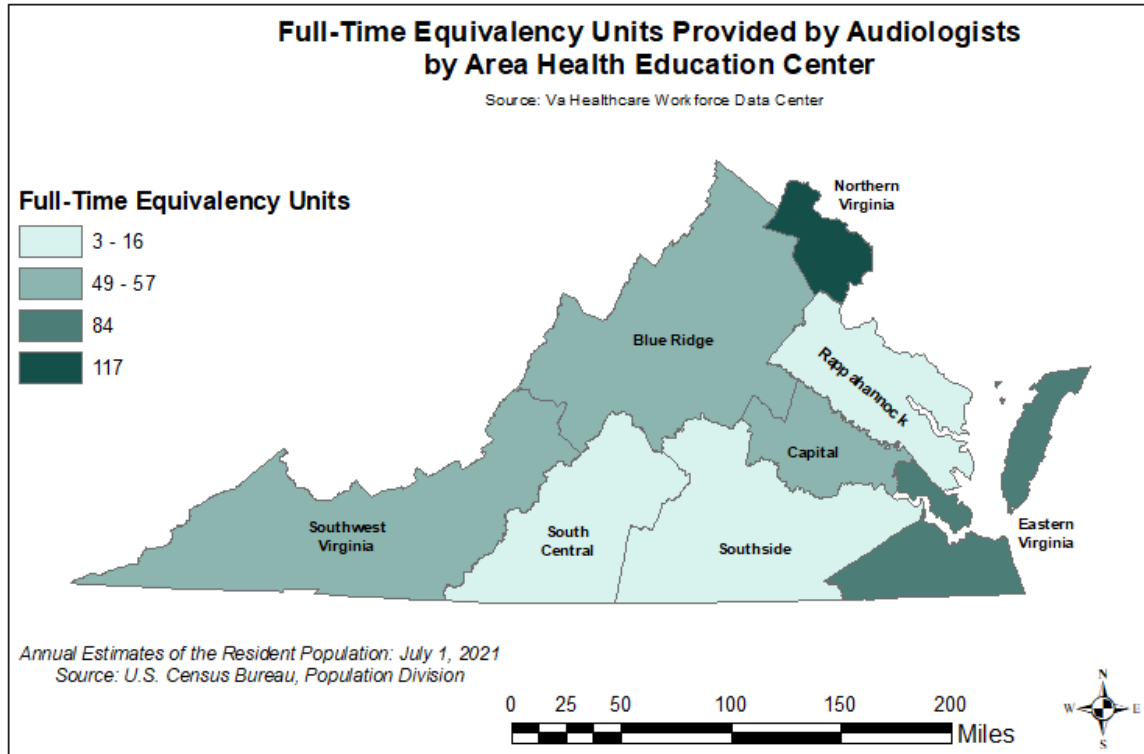


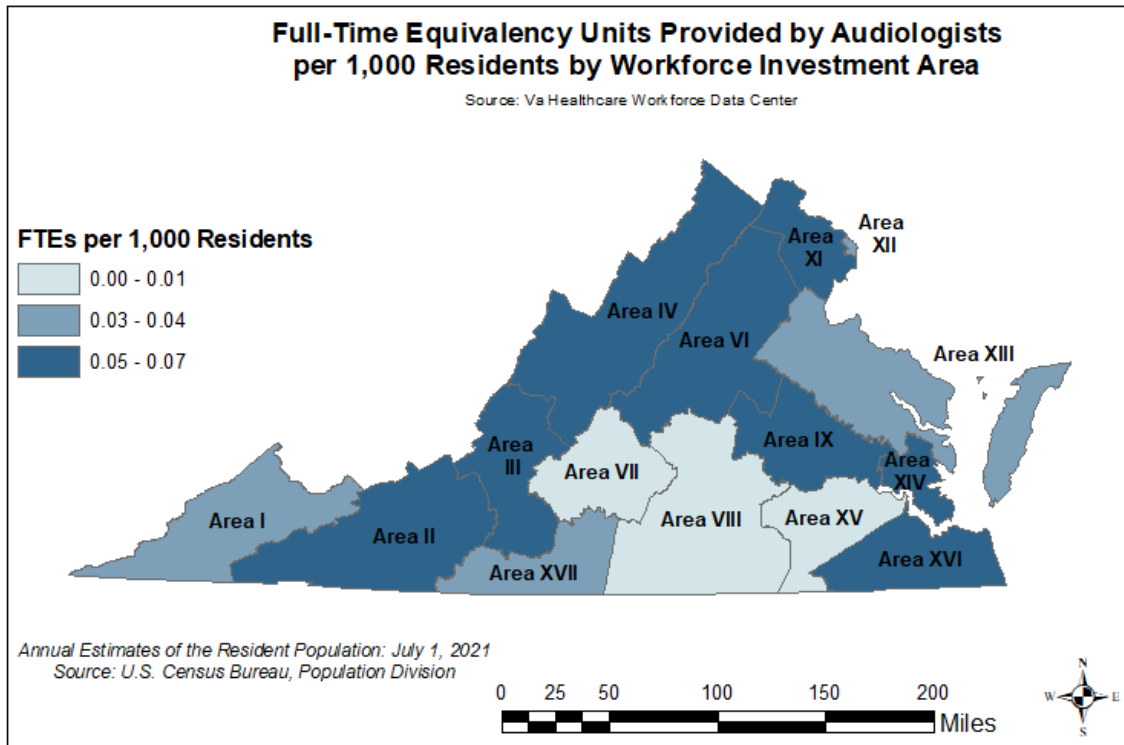
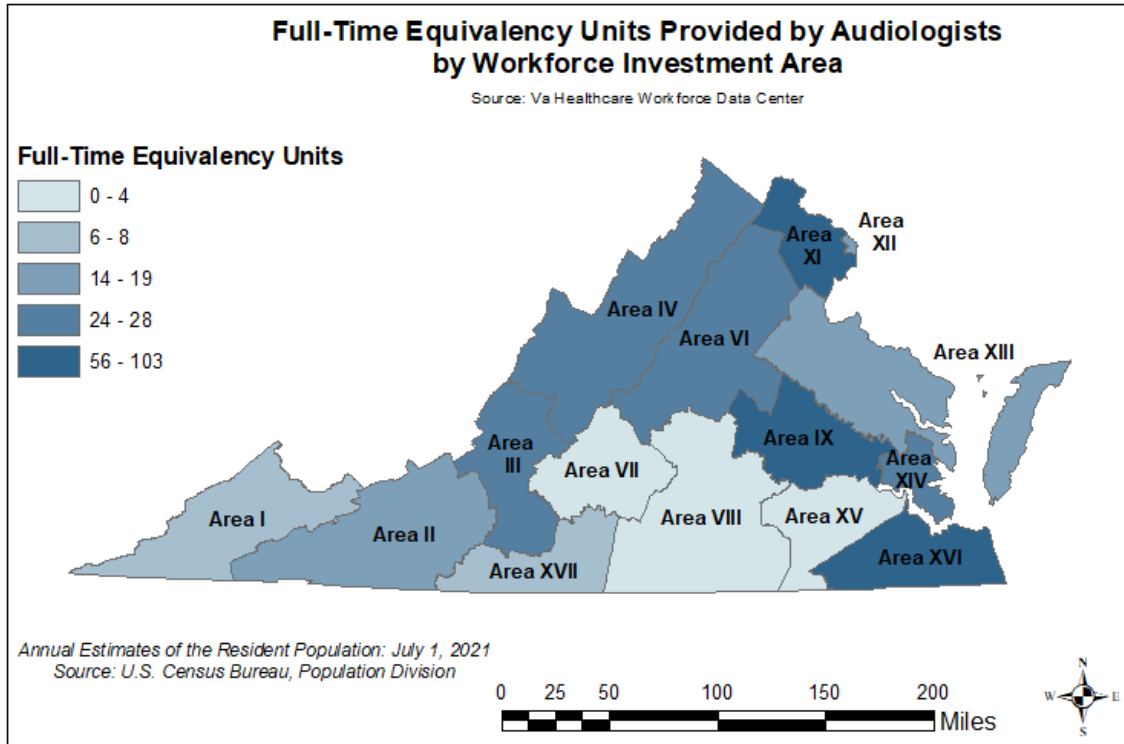
Source: Va. Healthcare Workforce Data Center

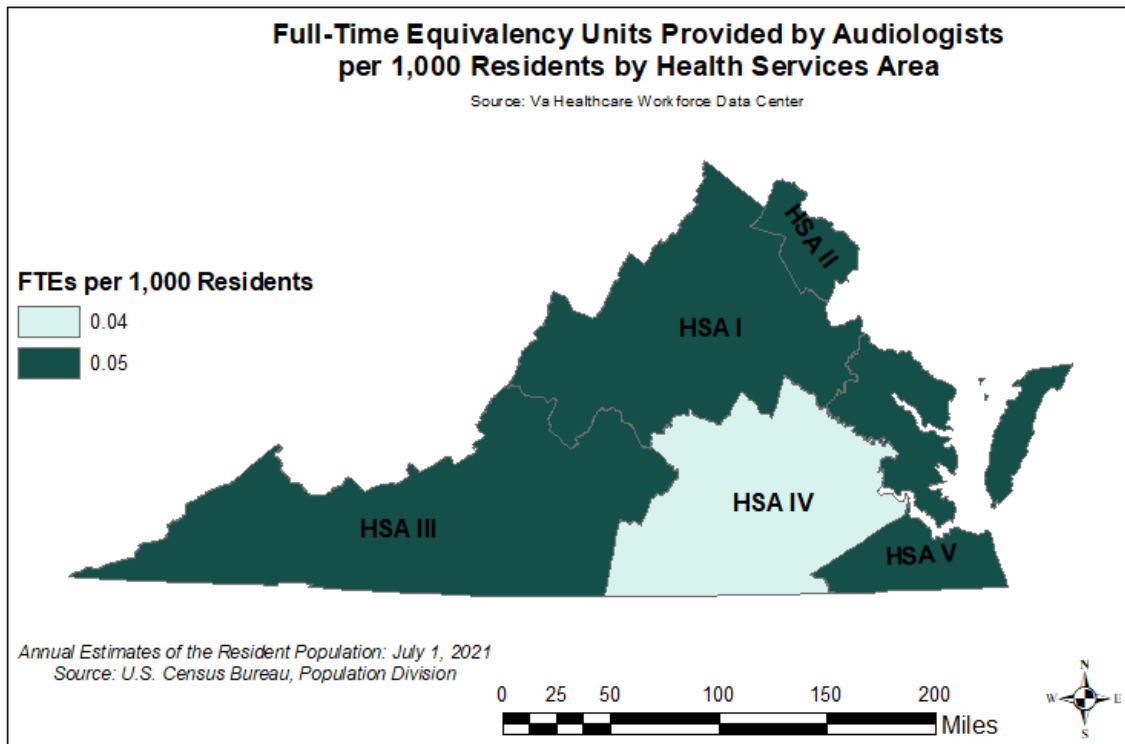
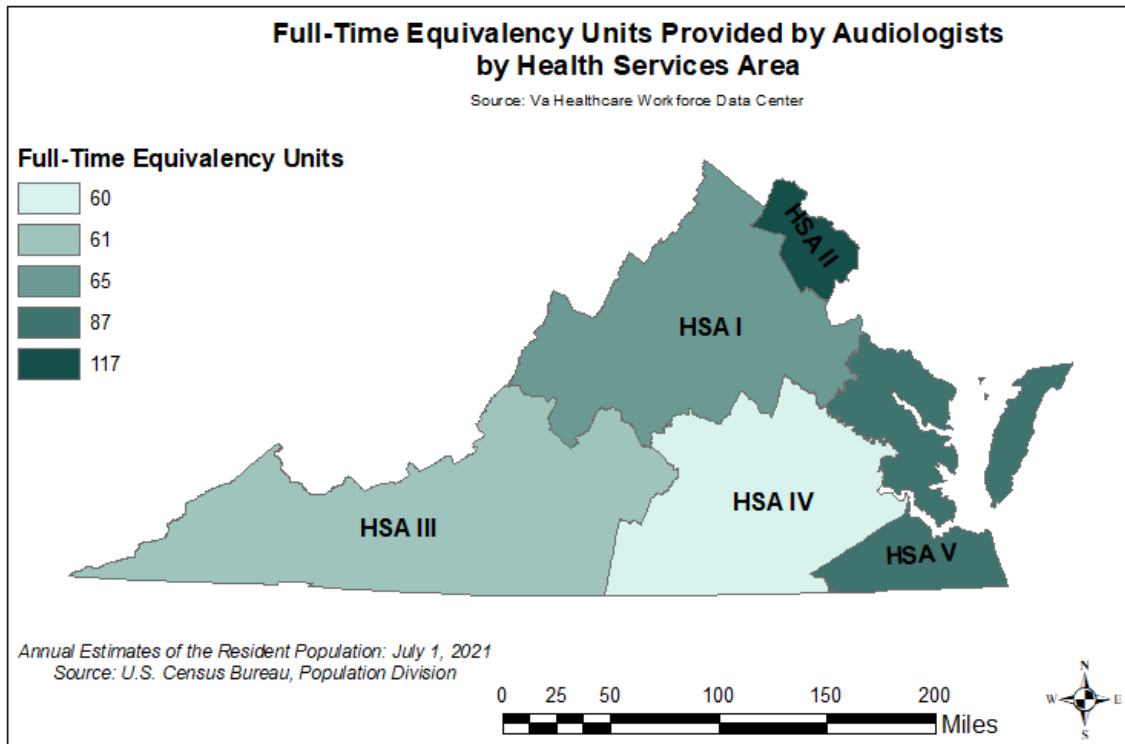
³ Number of residents in 2021 was used as the denominator.

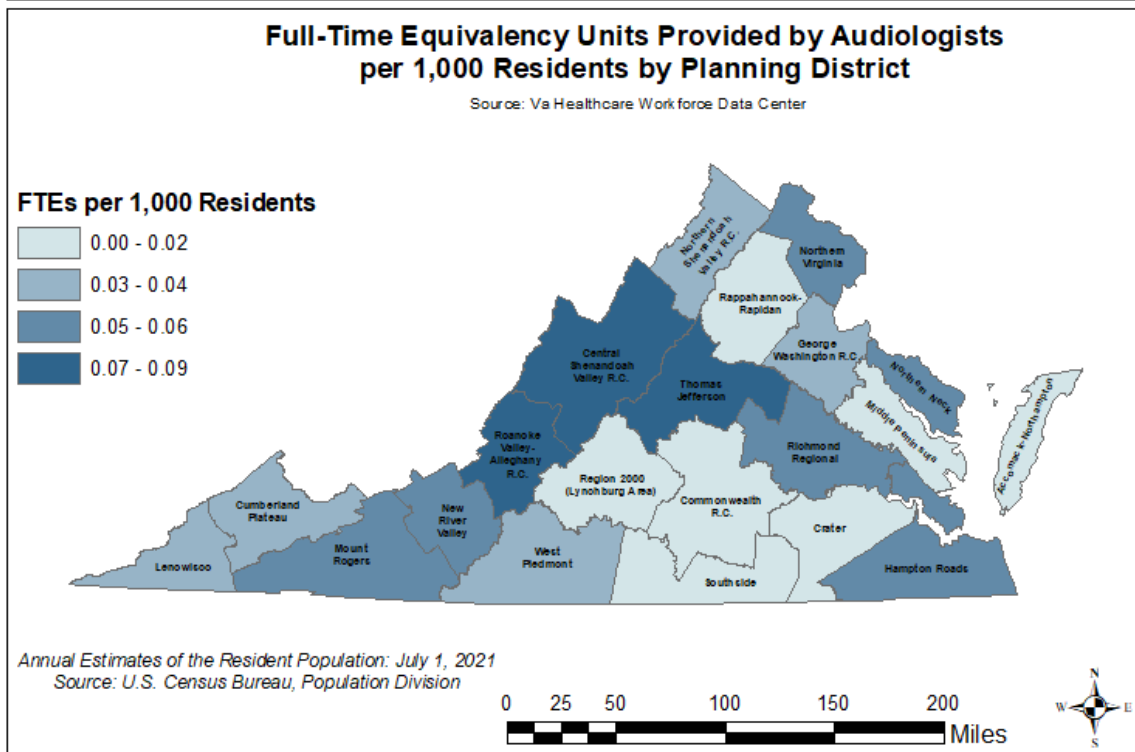
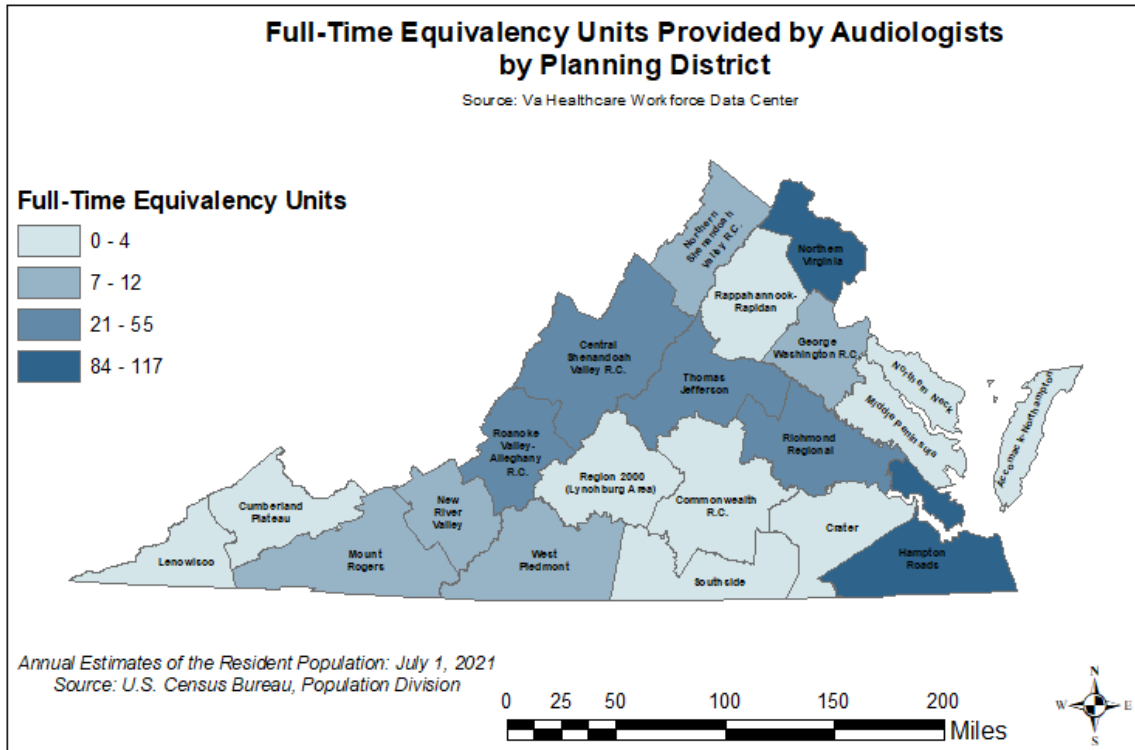
⁴ Due to assumption violations in Mixed between-within ANOVA (Levene's Test was significant).











Appendix

Weights

Rural Status	Location Weight			Total Weight	
	#	Rate	Weight	Min.	Max.
Metro, 1 Million+	283	90.46%	1.105	1.005	1.254
Metro, 250,000 to 1 Million	34	79.41%	1.259	1.145	1.429
Metro, 250,000 or Less	59	86.44%	1.157	1.052	1.313
Urban, Pop. 20,000+, Metro Adj.	9	33.33%	3.000	2.728	3.048
Urban, Pop. 20,000+, Non-Adj.	0	NA	NA	NA	NA
Urban, Pop. 2,500-19,999, Metro Adj.	11	81.82%	1.222	1.111	1.387
Urban, Pop. 2,500-19,999, Non-Adj.	7	100.00%	1.000	0.909	1.016
Rural, Metro Adj.	5	80.00%	1.250	1.181	1.270
Rural, Non-Adj.	4	100.00%	1.000	0.945	1.135
Virginia Border State/D.C.	101	84.16%	1.188	1.080	1.348
Other U.S. State	88	68.18%	1.467	1.334	1.664

Source: Va. Healthcare Workforce Data Center

Age	Age Weight			Total Weight	
	#	Rate	Weight	Min.	Max.
Under 30	62	74.19%	1.348	1.135	1.664
30 to 34	82	75.61%	1.323	1.114	1.633
35 to 39	76	82.89%	1.206	1.123	1.490
40 to 44	70	82.86%	1.207	1.016	3.048
45 to 49	82	85.37%	1.171	0.986	1.447
50 to 54	56	91.07%	1.098	1.022	1.356
55 to 59	54	92.59%	1.080	0.909	2.728
60 and Over	119	89.08%	1.123	0.945	1.386

Source: Va. Healthcare Workforce Data Center

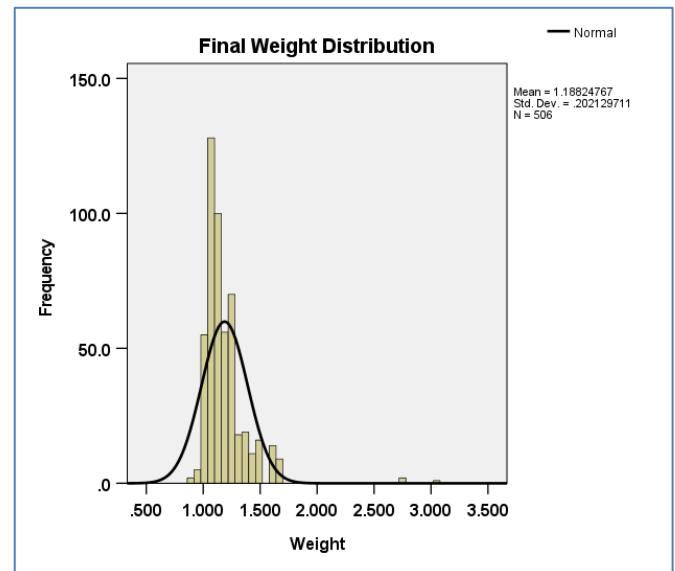
See the Methods section on the HWDC website for details on HWDC methods:

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

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

$$\text{Age Weight} \times \text{Rural Weight} \times \text{Response Rate} = \text{Final Weight}$$

Overall Response Rate: 0.841930



Source: Va. Healthcare Workforce Data Center