Improving Access to Demographic Data for the Aging Network in Virginia

Virginia Demographic Services Webinar

March 21, 2024 | 1:00 PM EST

Sol Baik, PhD
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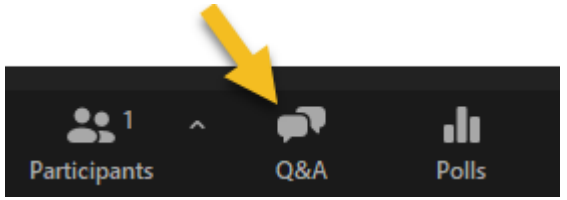
University of Virginia
Weldon Cooper Center for Public Service

Before we begin...



- Please use the Q&A Box for any questions to the presenter.
- All questions will be addressed at the end during the Q&A.
- For additional questions after the webinar, contact sbaik@virginia.edu.

Speakers

Sol Baik, PhD
Senior Researcher
UVA Weldon Cooper Center

Qian Cai, PhD
Director, Demographics Research Group
UVA Weldon Cooper Center

Shonel Sen, PhD
Projections Program Manager
UVA Weldon Cooper Center

In this Webinar

- Navigate Virginia Demographic Service Data Products
- Understand Data Source Considerations for Interpretation and Usage
- Explain the Population Projections of Older Adults in Virginia

Introductory Remarks

QIAN CAI / DIRECTOR, DEMOGRAPHICS RESEARCH GROUP

Virginia Demographic Data Service

SOL BAIK / SENIOR RESEARCHER

Types of Demographic Data Services

- Data Briefs on Aging
- Data Dashboards on Aging
- Data Tables
- Data Request Service
- Workshops / Webinars

Common Feedback from Users

1. Geography: Planning and Service Area (PSA) vs. Locality (County/City)
2. Consistency in Age Groups
3. Additional Data
4. Changes Over Time

Recent Updates from User Feedback

1. Improved **usability and design** of data dashboards.

2. Integrated **locality-level data** into data dashboards and data tables.

3. Updated **60+ population data** across all variables using **multiple data sources**.

4. Added 2030-2050 **population projections** of the 60+ population.

5. Included **standard errors** for survey-based variables in locality-level data tables.

6. Anticipate the availability of initial **trend metrics** by 2025.

Available Geography Levels

	State (Virginia)	PSA	Locality
Data Dashboards	X	X	X
Data Tables	X	X	X
Data Briefs	X	X	

Data Sources Used in Data Products

- U.S. Census Bureau. (2023). American Community Survey (ACS) 5-year Estimates Special Tabulation on Aging and Disability 2016-2020.
- U.S. Census Bureau. (2022). ACS 5-year Estimates 2016-2020.
- U.S. Census Bureau. (2023). Population Estimates Special Tabulation 2020.
- University of Virginia Weldon Cooper Center for Public Service. (2023). Virginia Population Projections.

Available Variables by Category

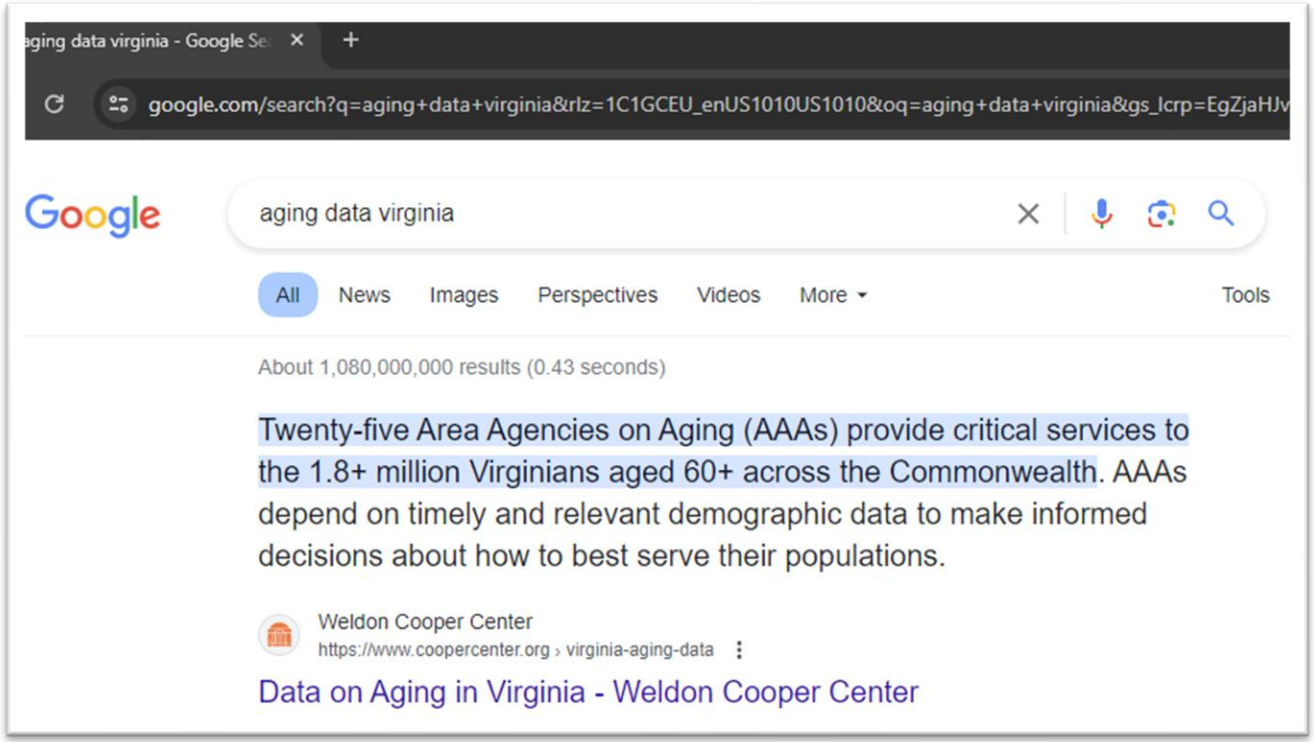
Category	Variable
Demographics	Population Estimates & **Projections**, Age, Sex, Race/Hispanic Origin, **Foreign-Born Status**, Language, **Veteran Status, Educational Attainment**
Family & Living Arrangement	Grandparenting, Marital Status, Living Arrangement (including Living Alone)
Economic Indicators	Poverty Status, SNAP/Food Stamp, Labor Force Participation, Renter/Homeowner Status
Health & Disability	Disability Status, Multiple Disabilities, Health Insurance, Disability by Type (Difficulties with Mobility, Cognition, Hearing, Independent Living, Self-Care, and Vision)

Interpreting Data Wisely

- For smaller areas or sensitive demographics,
  - Be mindful of standard errors.
  - Note data suppression for privacy.
- When interpreting the data,
  - Consider contextual factors, historical trends, and methodological limitations.

To Access the Data Products

1. Google search
2. Link to the website



https://www.coopercenter.org/virginia-aging-data

Data on Aging in Virginia | Coo

coopercenter.org/virginia-aging-data

University of Virginia | Weldon Cooper Center for Public Service

Research Training

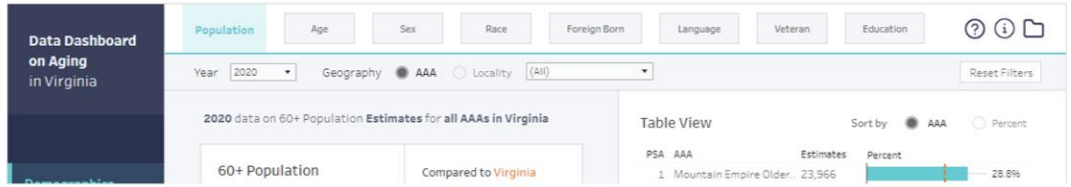
Data on Aging in Virginia

View all population data

Twenty-five Area Agencies on Aging (AAAs) provide critical services to the 1.8+ million Virginians aged 60+ across the Commonwealth. AAAs depend on timely and relevant demographic data to make informed decisions about how to best serve their populations. The data products listed below aim to assist the AAAs in understanding some of the basic demographic characteristics of older adults in Virginia as a whole, and in each of Virginia's Planning and Service Areas (PSAs).

DATA DASHBOARDS ON AGING IN VIRGINIA

Citation: University of Virginia Weldon Cooper Center for Public Service. (2024). *Data Dashboard on Aging in Virginia*. Retrieved from **https://coopercenter.org/virginia-aging-data.**



DATA TABLES ON AGING IN VIRGINIA

Demographics

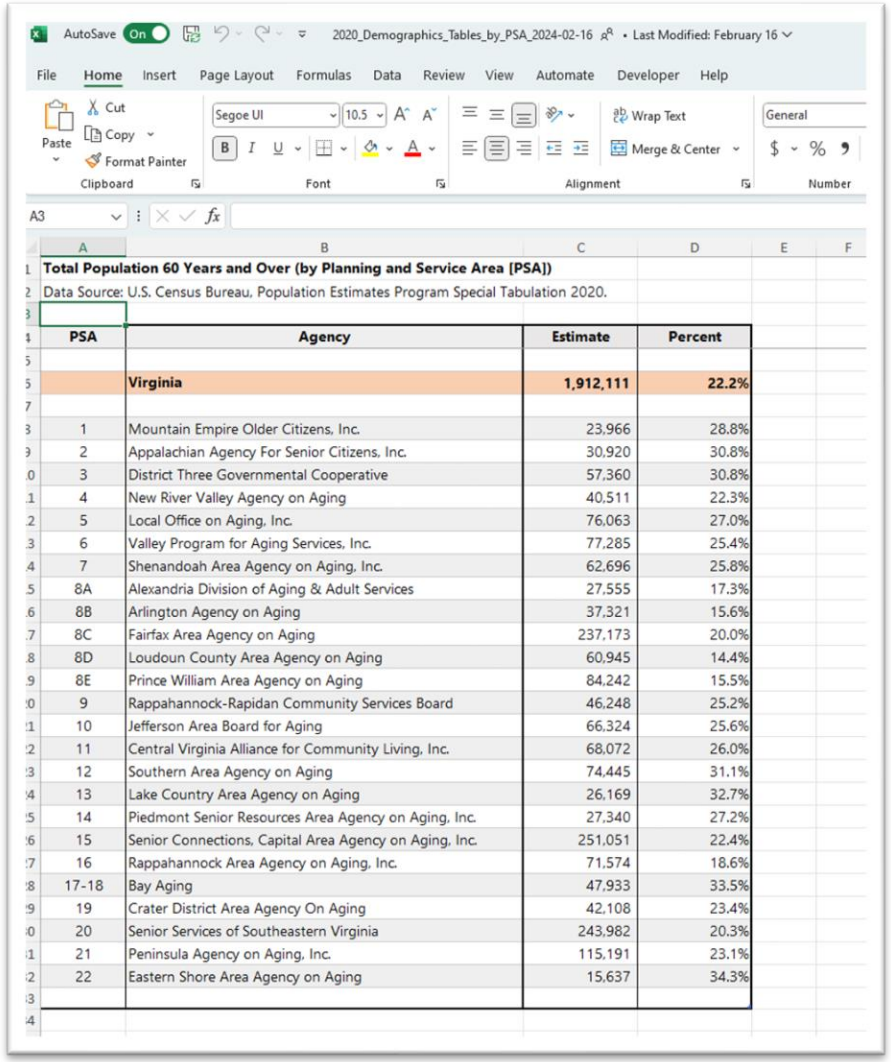
Data tables include: Total 60+ population, age, sex, race/Hispanic origin, foreign born status, language spoken at home, veteran status, and educational attainment

- **by PSA**: 2020
- **by Locality**: 2020

Family & Living Arrangement

Economic Indicators

Health & Disability



AutoSave On | 2020_Demographics_Tables_by_PSA_2024-02-16 • Last Modified: February 16

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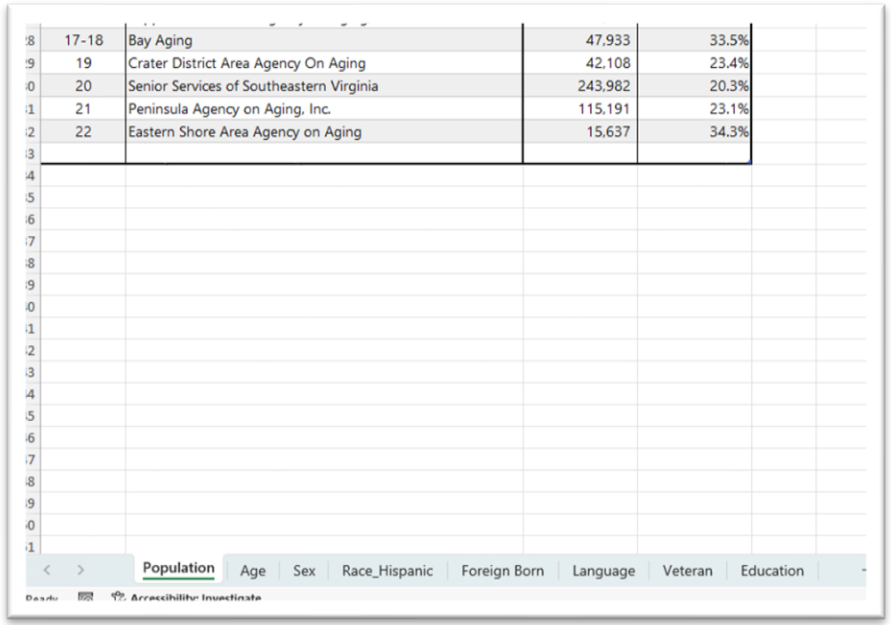
A3

Total Population 60 Years and Over (by Planning and Service Area [PSA])

Data Source: U.S. Census Bureau, Population Estimates Program Special Tabulation 2020.

PSA	Agency	Estimate	Percent
	Virginia	**1,912,111**	**22.2%**
1	Mountain Empire Older Citizens, Inc.	23,966	28.8%
2	Appalachian Agency For Senior Citizens, Inc.	30,920	30.8%
3	District Three Governmental Cooperative	57,360	30.8%
4	New River Valley Agency on Aging	40,511	22.3%
5	Local Office on Aging, Inc.	76,063	27.0%
6	Valley Program for Aging Services, Inc.	77,285	25.4%
7	Shenandoah Area Agency on Aging, Inc.	62,696	25.8%
8A	Alexandria Division of Aging & Adult Services	27,555	17.3%
8B	Arlington Agency on Aging	37,321	15.6%
8C	Fairfax Area Agency on Aging	237,173	20.0%
8D	Loudoun County Area Agency on Aging	60,945	14.4%
8E	Prince William Area Agency on Aging	84,242	15.5%
9	Rappahannock-Rapidan Community Services Board	46,248	25.2%
10	Jefferson Area Board for Aging	66,324	25.6%
11	Central Virginia Alliance for Community Living, Inc.	68,072	26.0%
12	Southern Area Agency on Aging	74,445	31.1%
13	Lake Country Area Agency on Aging	26,169	32.7%
14	Piedmont Senior Resources Area Agency on Aging, Inc.	27,340	27.2%
15	Senior Connections, Capital Area Agency on Aging, Inc.	251,051	22.4%
16	Rappahannock Area Agency on Aging, Inc.	71,574	18.6%
17-18	Bay Aging	47,933	33.5%
19	Crater District Area Agency On Aging	42,108	23.4%
20	Senior Services of Southeastern Virginia	243,982	20.3%
21	Peninsula Agency on Aging, Inc.	115,191	23.1%
22	Eastern Shore Area Agency on Aging	15,637	34.3%



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Population | Age | Sex | Race_Hispanic | Foreign Born | Language | Veteran | Education

DATA BRIEFS: DEMOGRAPHIC CHARACTERISTICS OF OLDER ADULTS IN VIRGINIA

Citation: University of Virginia Weldon Cooper Center for Public Service. (2024). *Data Brief: Demographic Characteristics of Older Adults in Virginia*. Retrieved from ***https://coopercenter.org/virginia-aging-data***.

Data Briefs for Virginia and its 25 PSAs

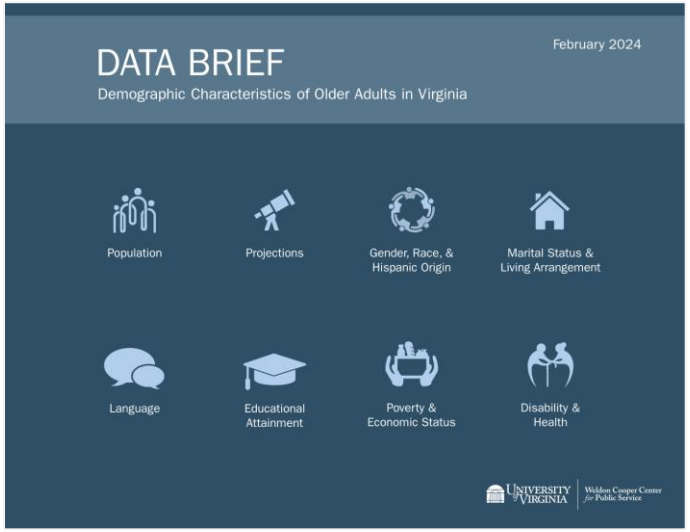
Virginia

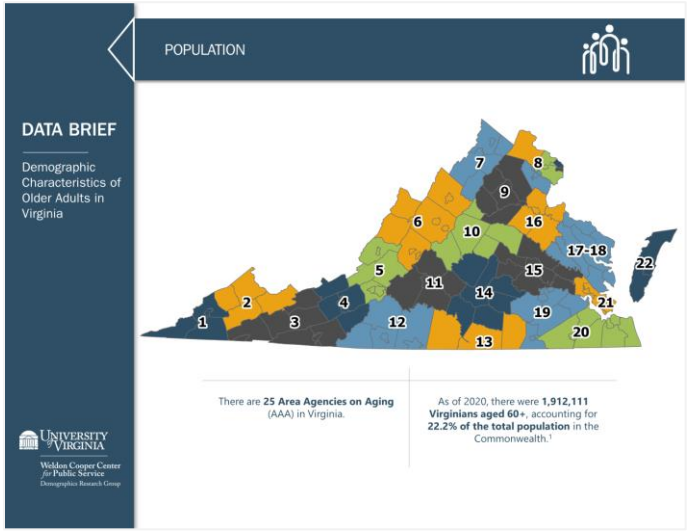
PSA 1 | PSA 2 | PSA 3 | PSA 4 | PSA 5 | PSA 6 | PSA 7

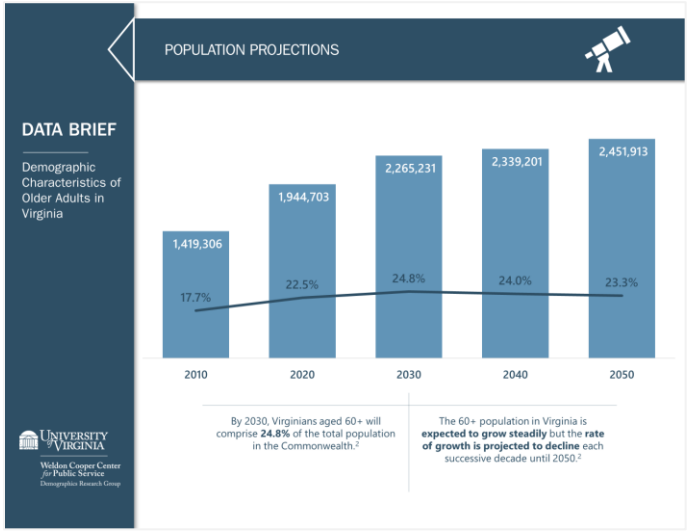
PSA 8A | PSA 8B | PSA 8C | PSA 8D | PSA 8E | PSA 9

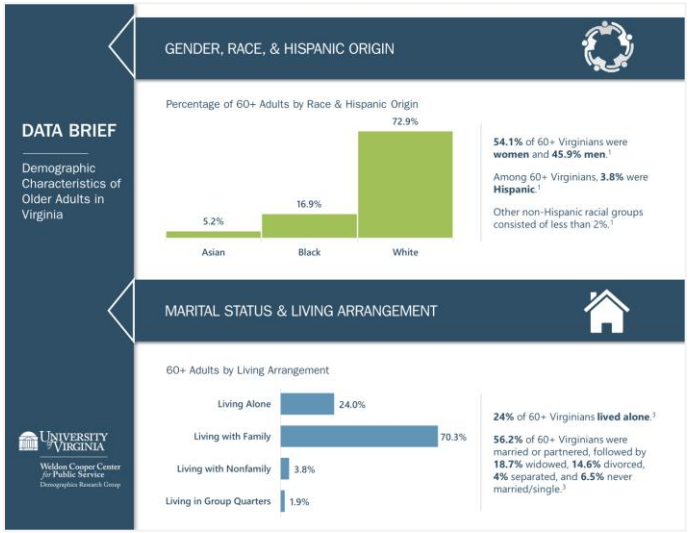
PSA 10 | PSA 11 | PSA 12 | PSA 13 | PSA 14 | PSA 15

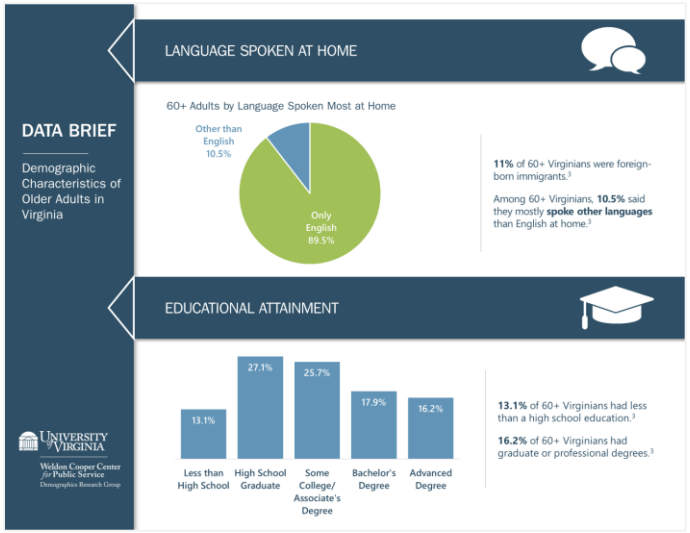
PSA 16 | PSA 17-18 | PSA 19 | PSA 20 | PSA 21 | PSA 22

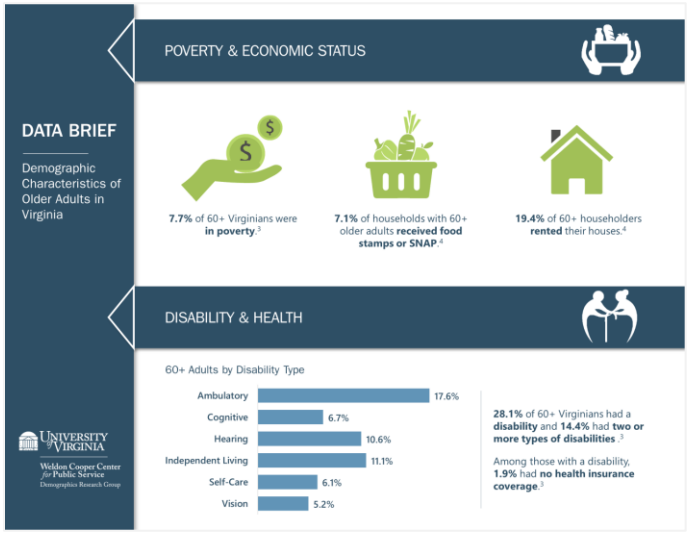

DATA BRIEF
February 2024
Demographic Characteristics of Older Adults in Virginia
Population
Projections
Gender, Race, & Hispanic Origin
Marital Status & Living Arrangement
Language
Educational Attainment
Poverty & Economic Status
Disability & Health
University of Virginia
Weldon Cooper Center for Public Service


DATA BRIEF
Demographic Characteristics of Older Adults in Virginia
POPULATION
There are 25 Area Agencies on Aging (AAA) in Virginia.
As of 2020, there were 1,912,111 Virginians aged 60+, accounting for 22.2% of the total population in the Commonwealth.[1]


DATA BRIEF
Demographic Characteristics of Older Adults in Virginia
POPULATION PROJECTIONS
1,419,306
1,944,703
2,265,231
2,339,201
2,451,913
17.7%
22.5%
24.8%
24.0%
23.3%
2010
2020
2030
2040
2050
By 2030, Virginians aged 60+ will comprise 24.8% of the total population in the Commonwealth.[2]
The 60+ population in Virginia is expected to grow steadily but the rate of growth is projected to decline each successive decade until 2050.[2]

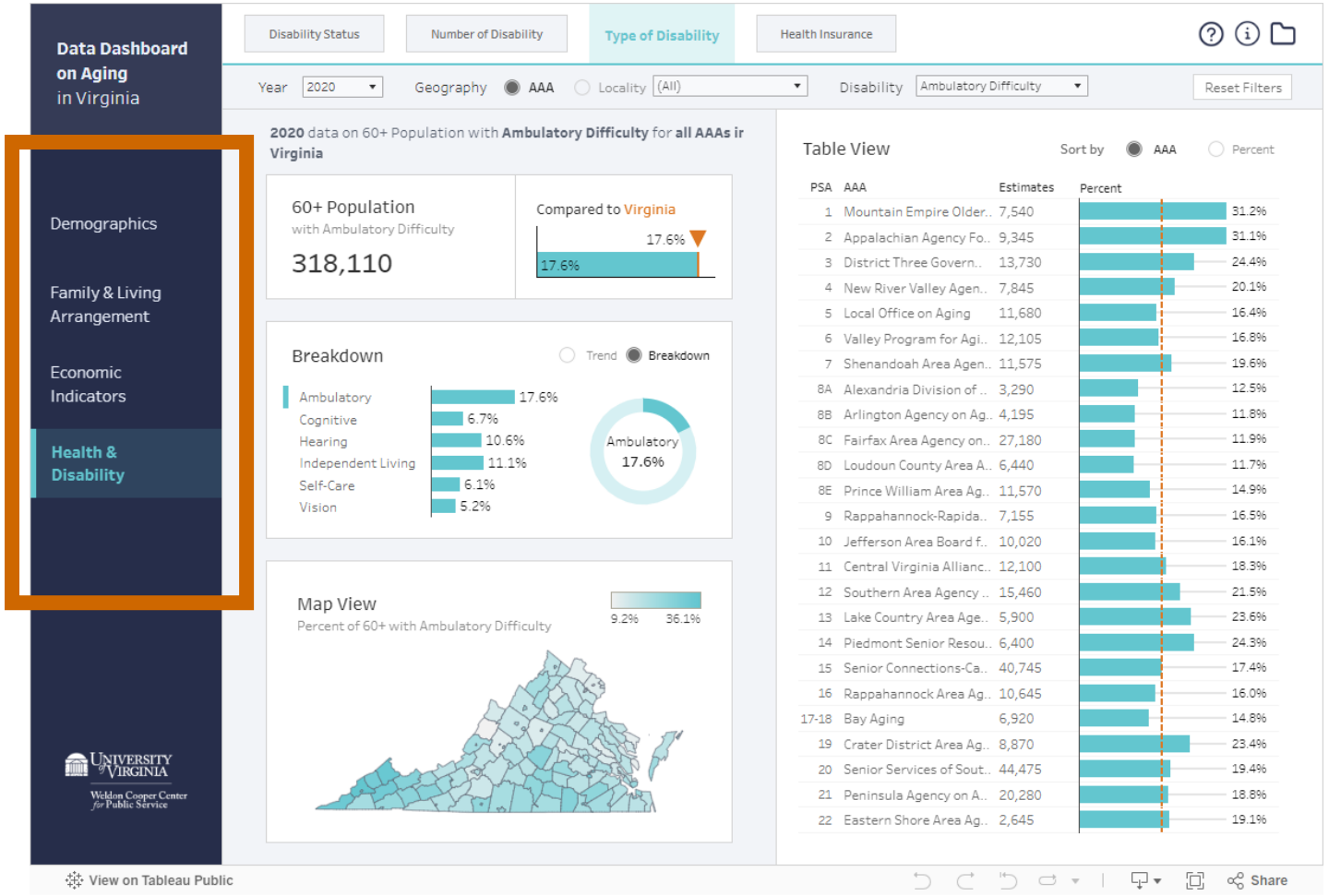

DATA BRIEF
Demographic Characteristics of Older Adults in Virginia
GENDER, RACE, & HISPANIC ORIGIN
Percentage of 60+ Adults by Race & Hispanic Origin
5.2%
16.9%
72.9%
Asian
Black
White
54.1% of 60+ Virginians were women and 45.9% men.[1]
Among 60+ Virginians, 3.8% were Hispanic.[1]
Other non-Hispanic racial groups consisted of less than 2%.[1]
MARITAL STATUS & LIVING ARRANGEMENT
60+ Adults by Living Arrangement
Living Alone 24.0%
Living with Family 70.3%
Living with Nonfamily 3.8%
Living in Group Quarters 1.9%
24% of 60+ Virginians lived alone.[3]
56.2% of 60+ Virginians were married or partnered, followed by 18.7% widowed, 14.6% divorced, 4% separated, and 6.5% never married/single.[3]


DATA BRIEF
Demographic Characteristics of Older Adults in Virginia
LANGUAGE SPOKEN AT HOME
60+ Adults by Language Spoken Most at Home
Other than English 10.5%
Only English 89.5%
11% of 60+ Virginians were foreign-born immigrants.[3]
Among 60+ Virginians, 10.5% said they mostly spoke other languages than English at home.[3]
EDUCATIONAL ATTAINMENT
13.1%
27.1%
25.7%
17.9%
16.2%
Less than High School
High School Graduate
Some College/ Associate's Degree
Bachelor's Degree
Advanced Degree
13.1% of 60+ Virginians had less than a high school education.[3]
16.2% of 60+ Virginians had graduate or professional degrees.[3]


DATA BRIEF
Demographic Characteristics of Older Adults in Virginia
POVERTY & ECONOMIC STATUS
7.7% of 60+ Virginians were in poverty.[3]
7.1% of households with 60+ older adults received food stamps or SNAP.[3]
19.4% of 60+ householders rented their houses.[4]
DISABILITY & HEALTH
60+ Adults by Disability Type
Ambulatory 17.6%
Cognitive 6.7%
Hearing 10.6%
Independent Living 11.1%
Self-Care 6.1%
Vision 5.2%
28.1% of 60+ Virginians had a disability and 14.4% had two or more types of disabilities.[3]
Among those with a disability, 1.9% had no health insurance coverage.[3]

New Dashboard Design Features

1. Enhanced Navigation across Categories
2. Filters by Year, Geography (AAA/Locality), Additional Options



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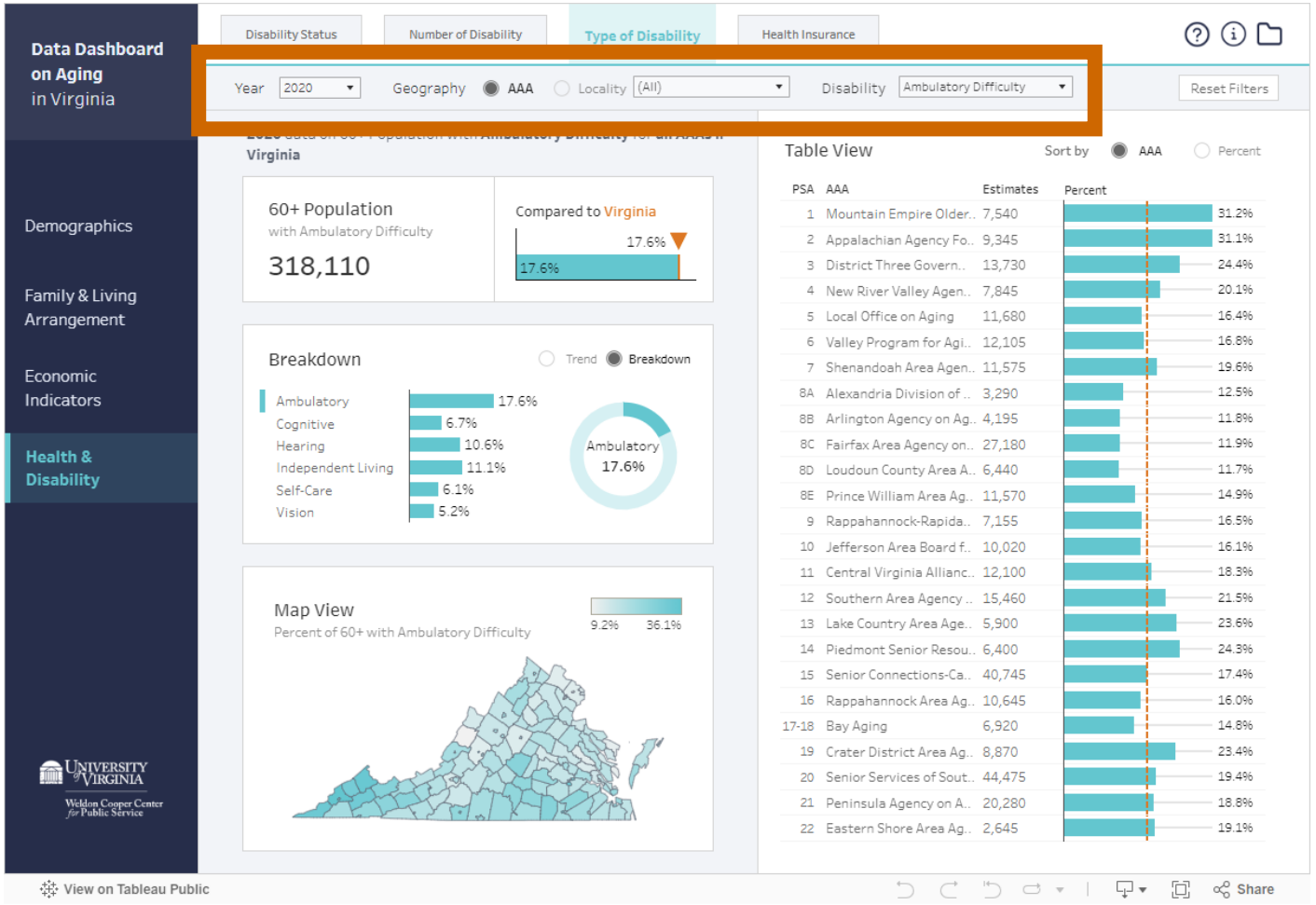

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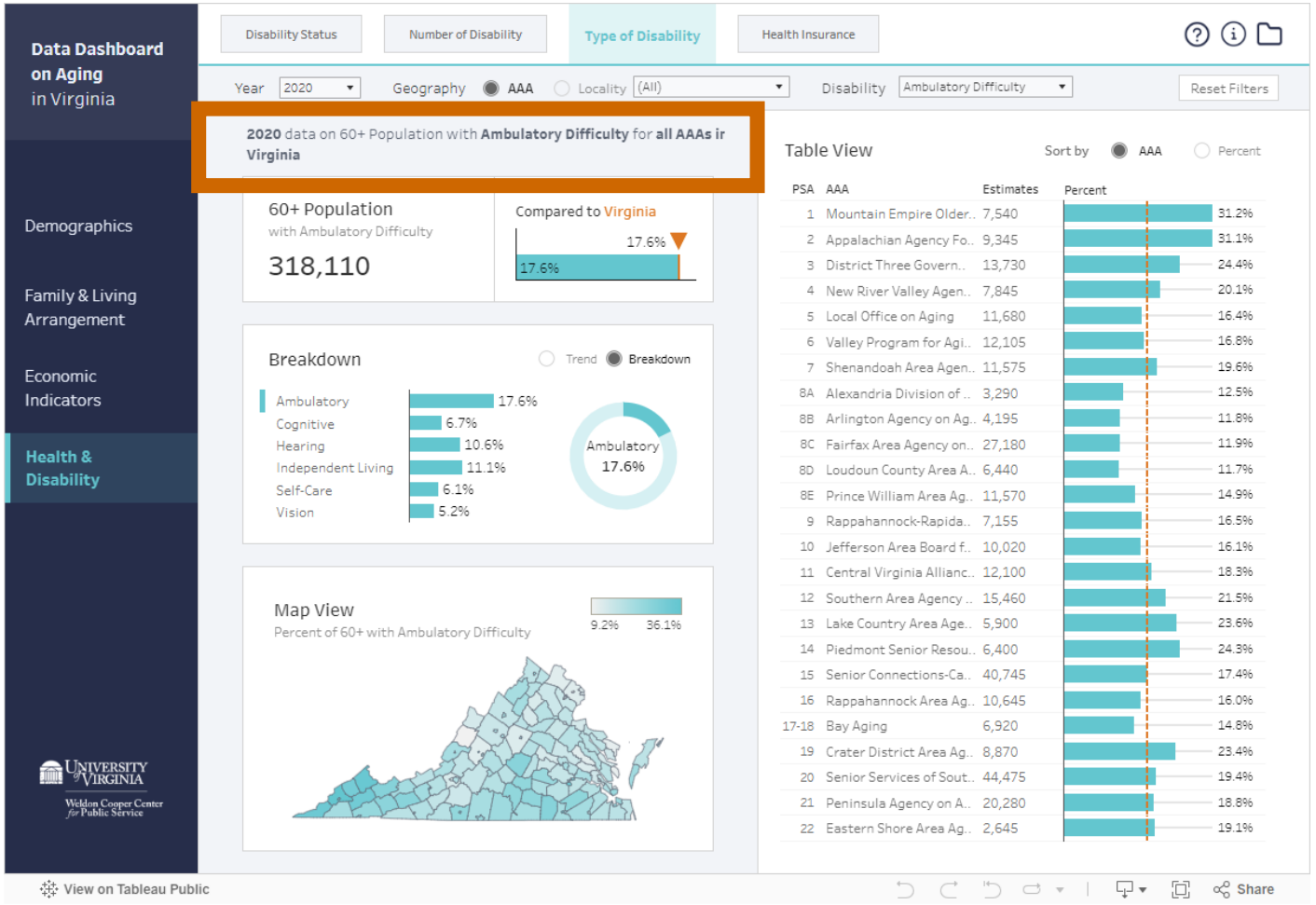
3. Detailed Text Explanations on Selected Filters

4. Expanded Metrics (e.g., Number, Trends [coming in 2025], Breakdown, Map, Table)



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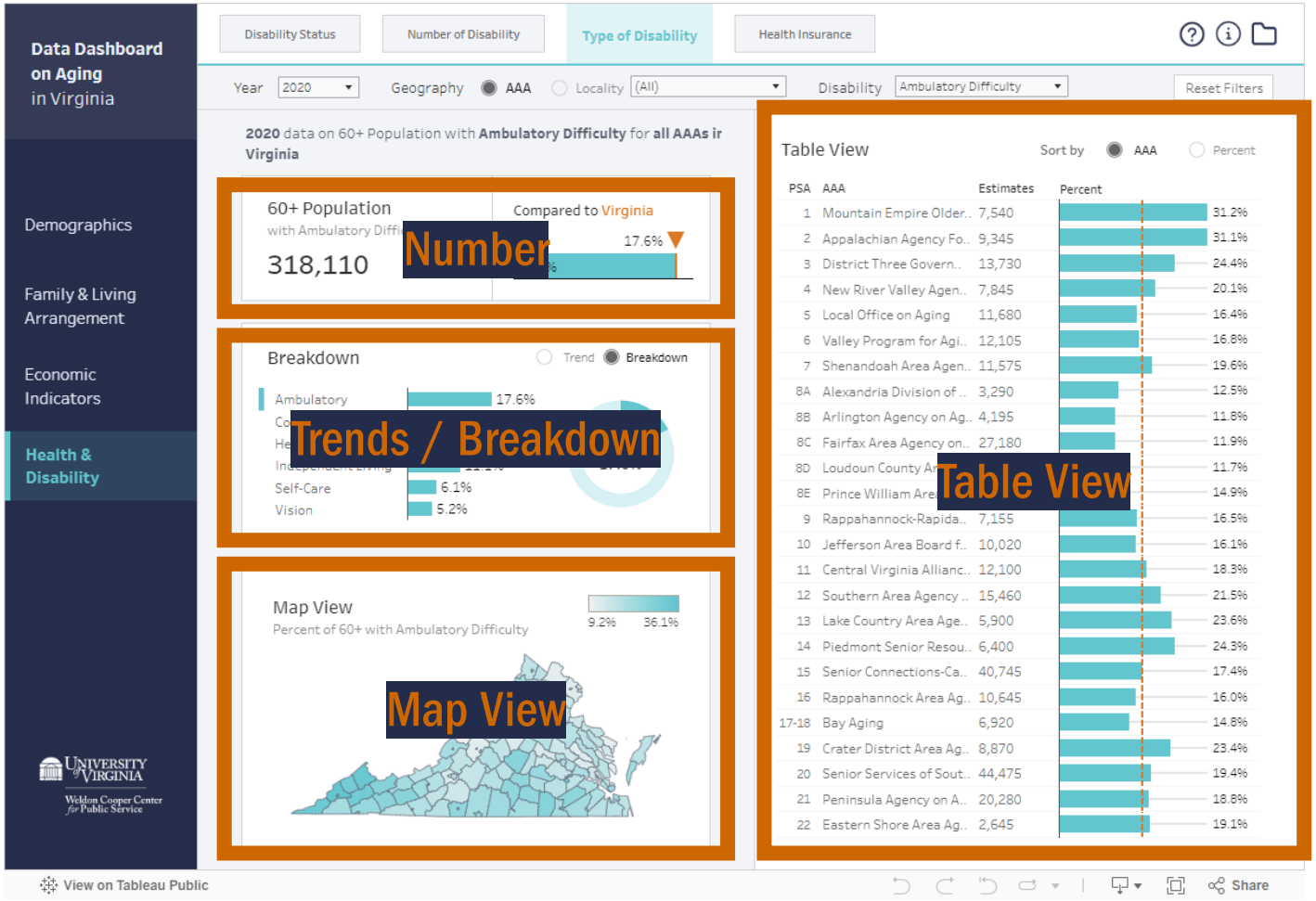

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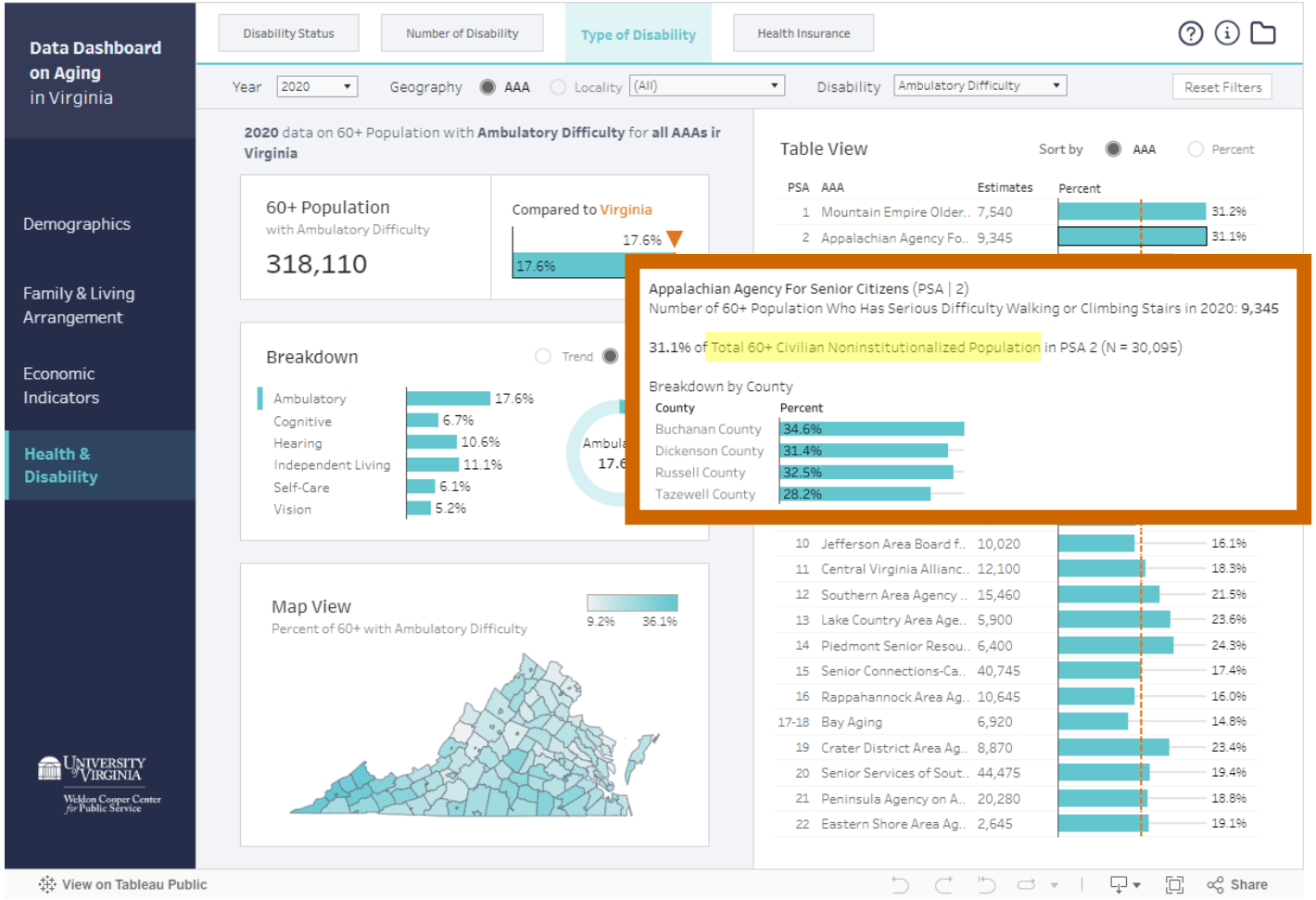
5. Informative Tooltips
6. Instructions on How to Use the Dashboard
7. Clear Citations for Data Sources per Variable
8. Simple Data Table Download



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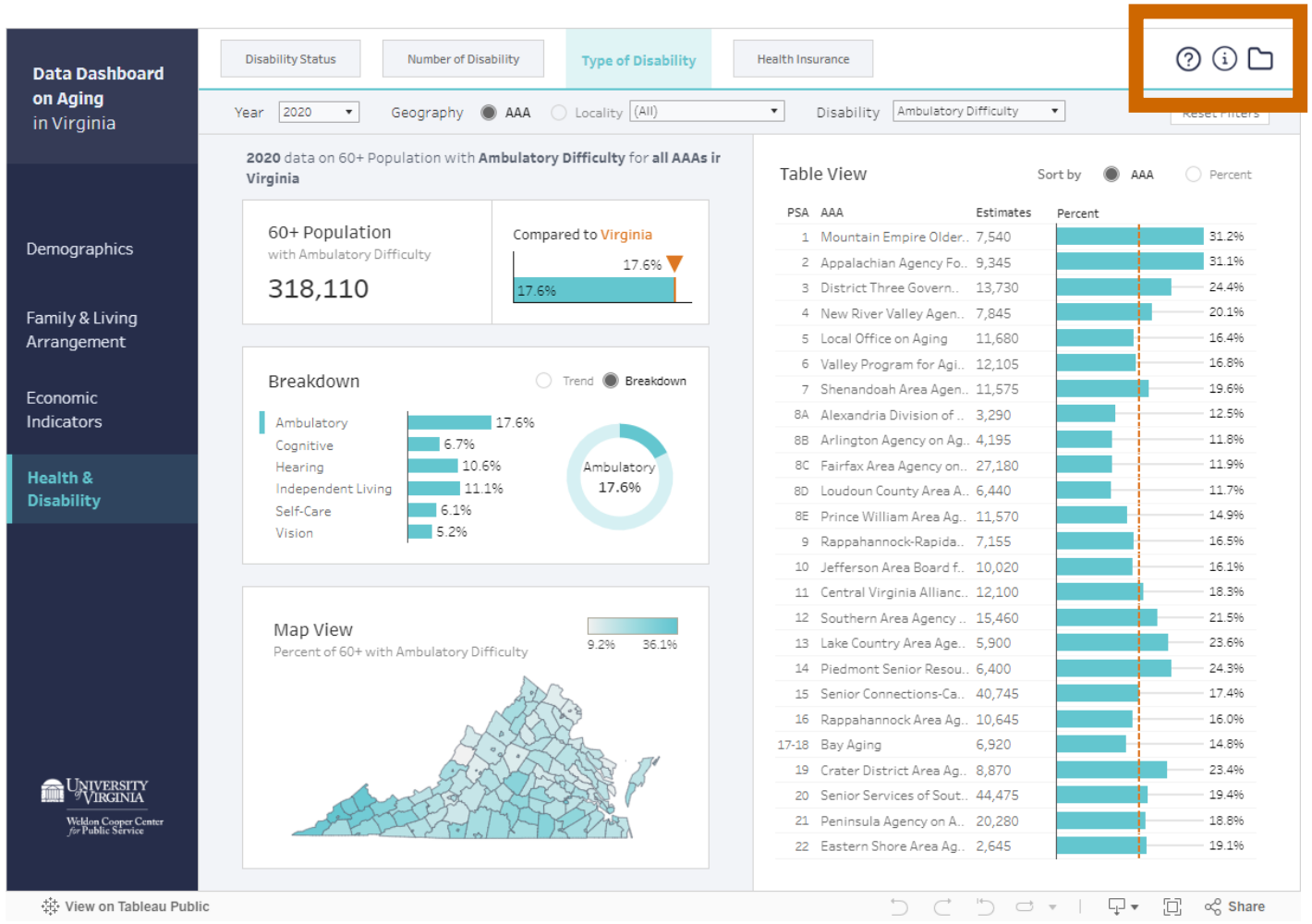

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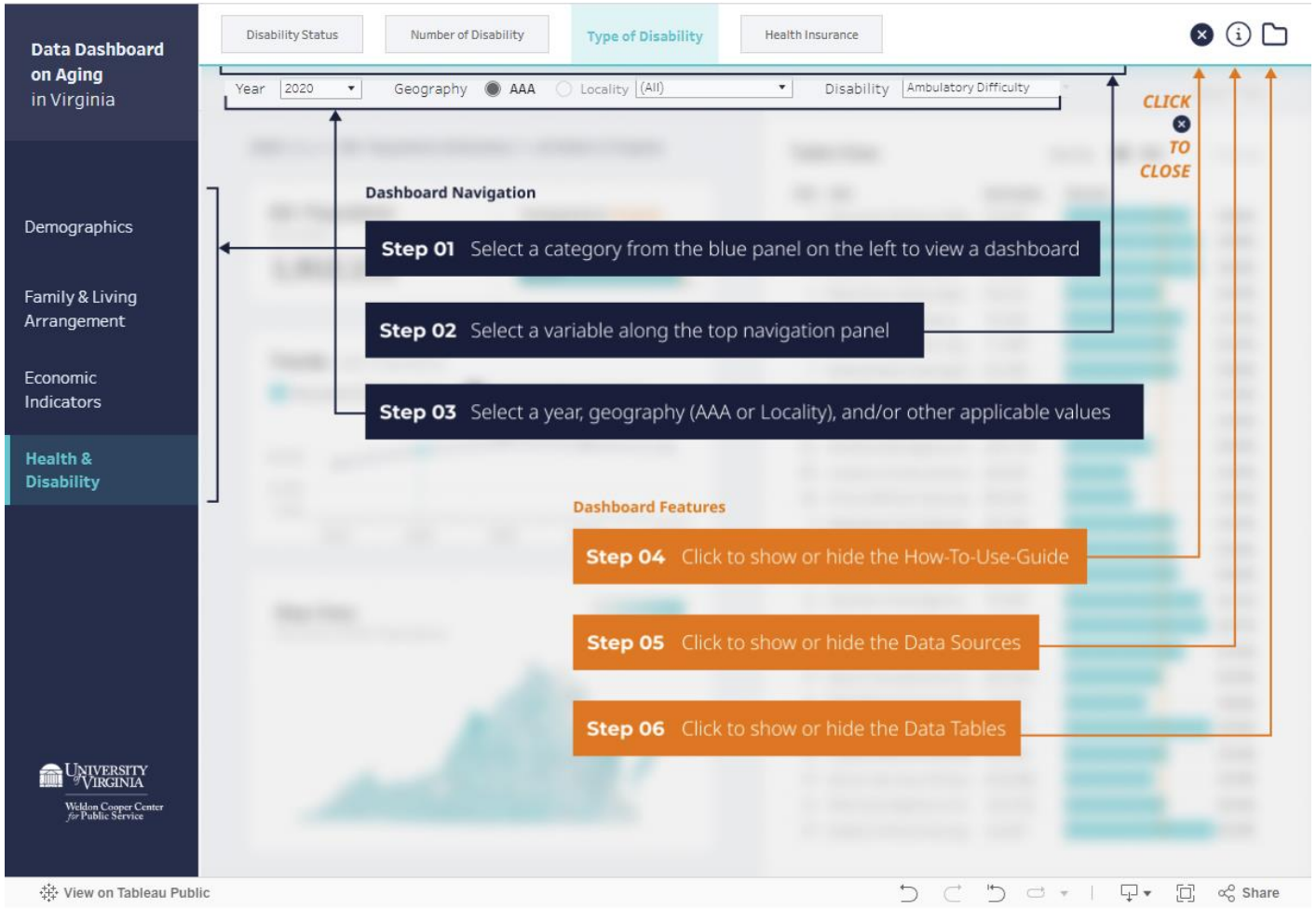

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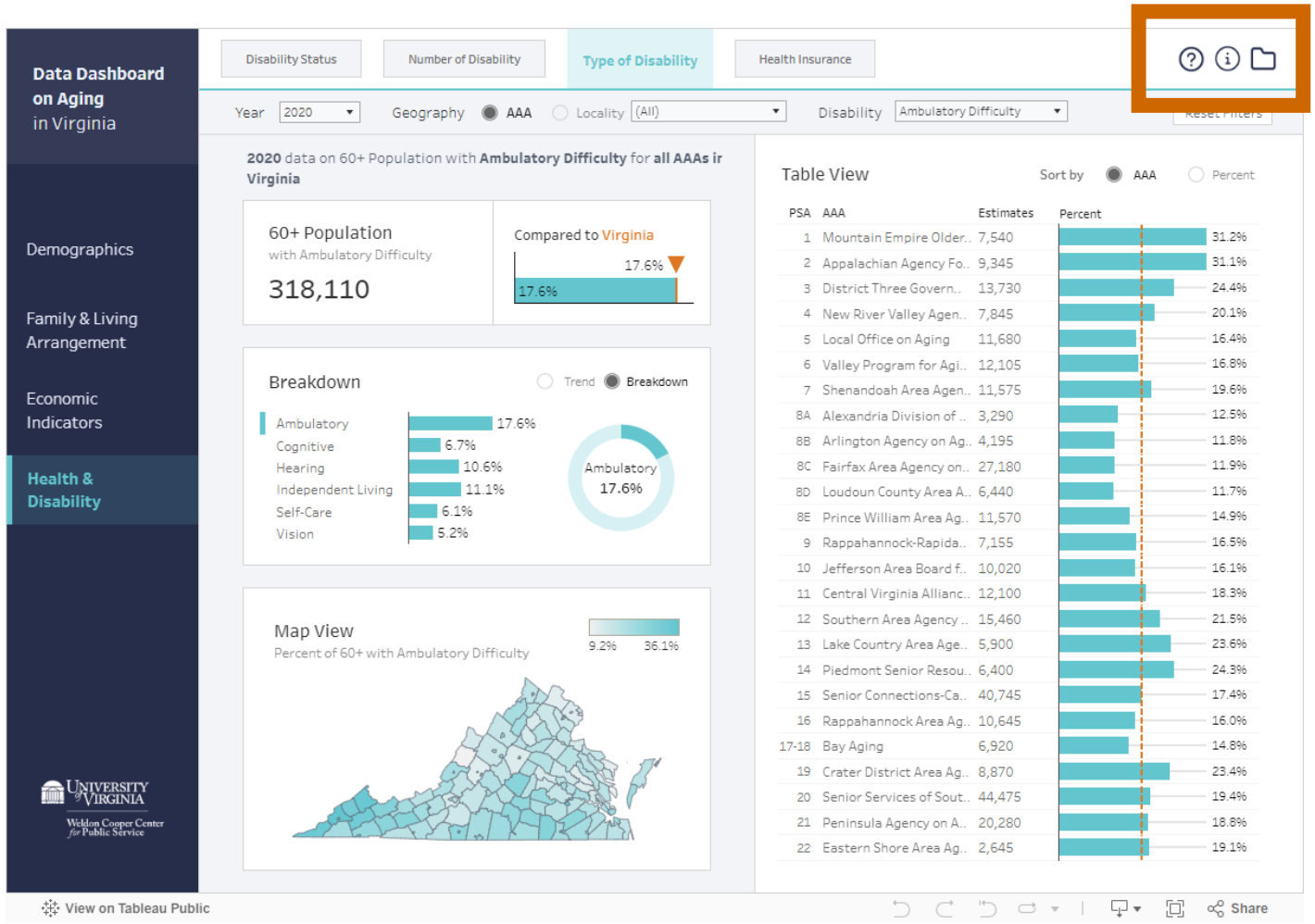

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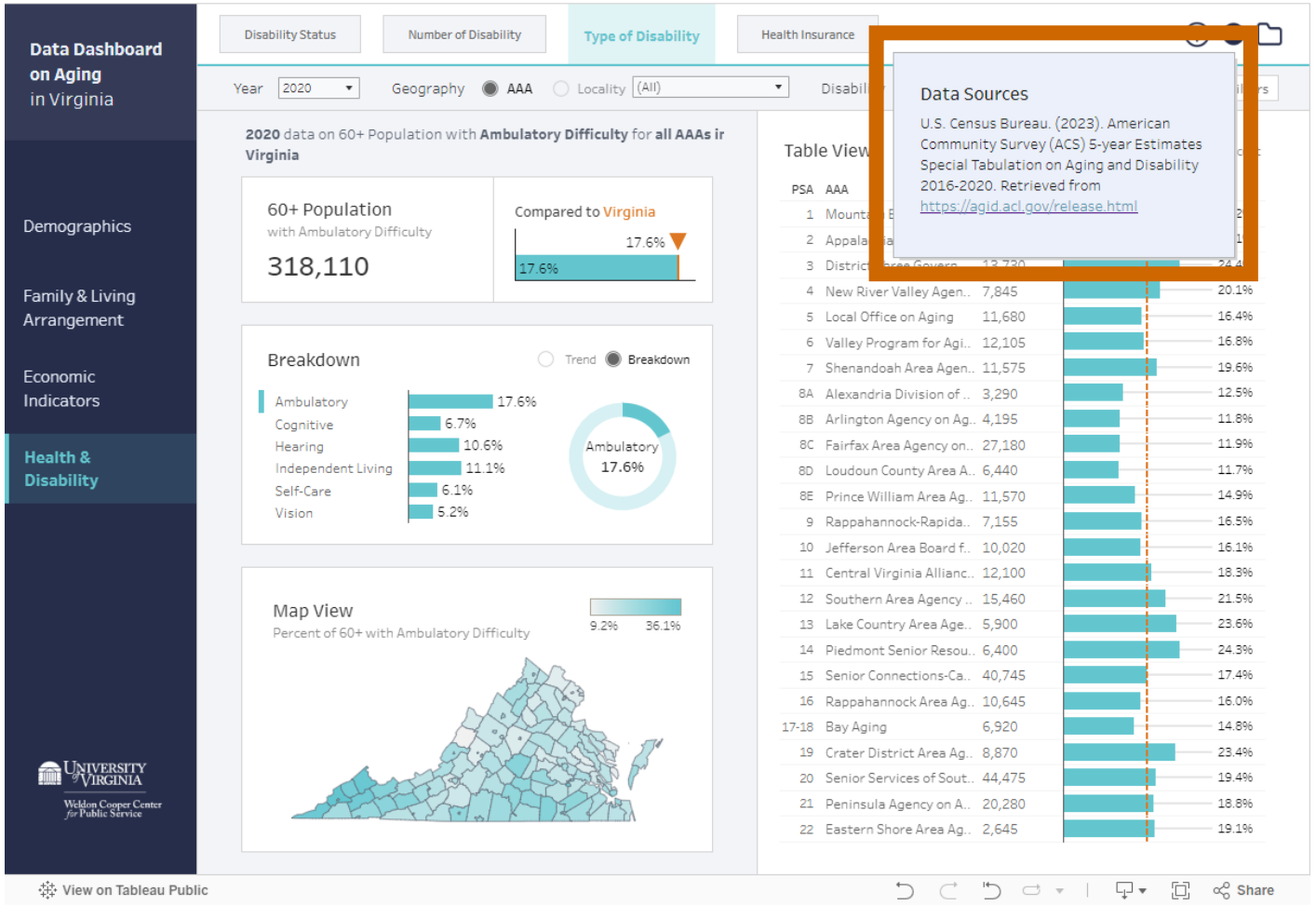

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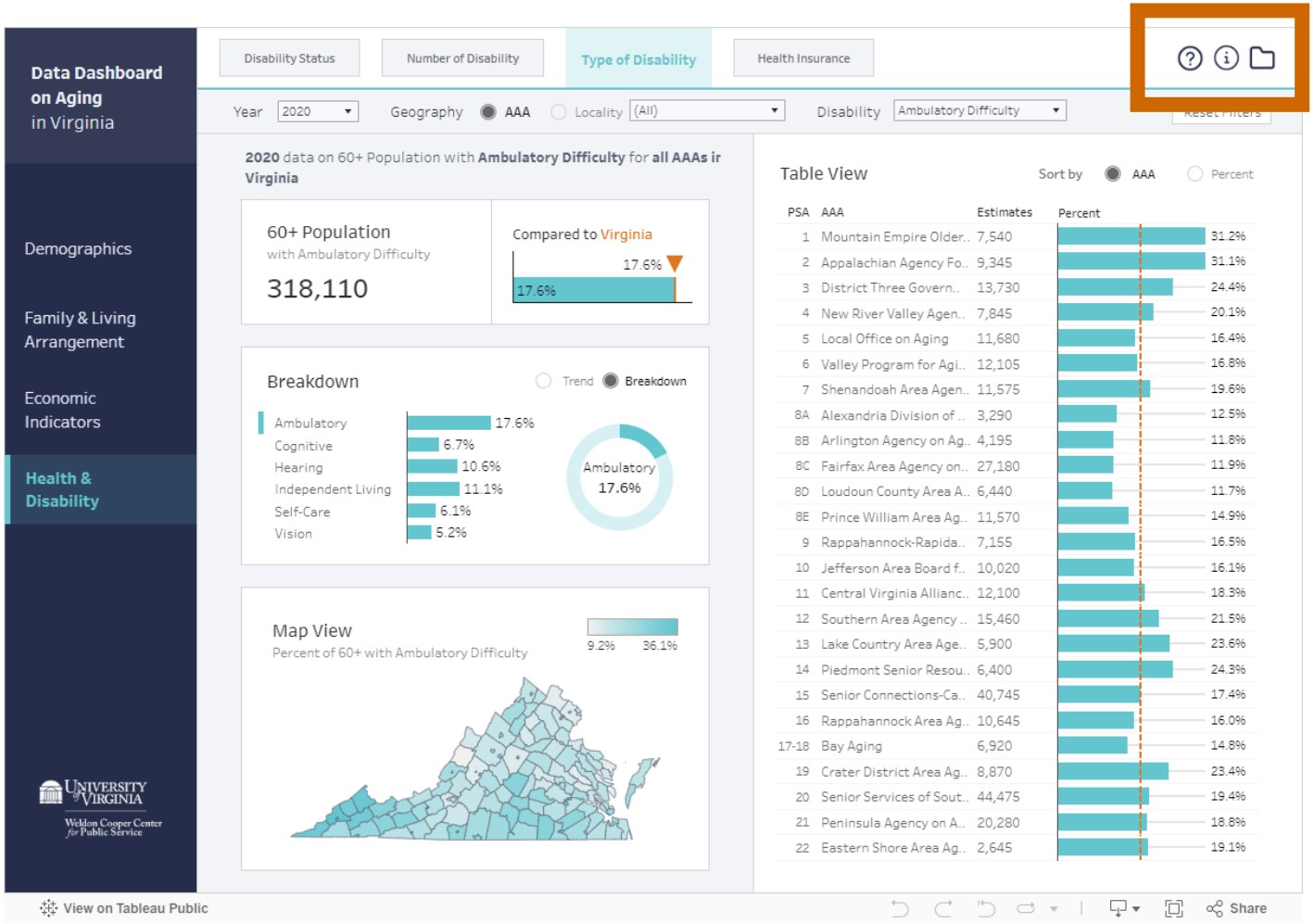

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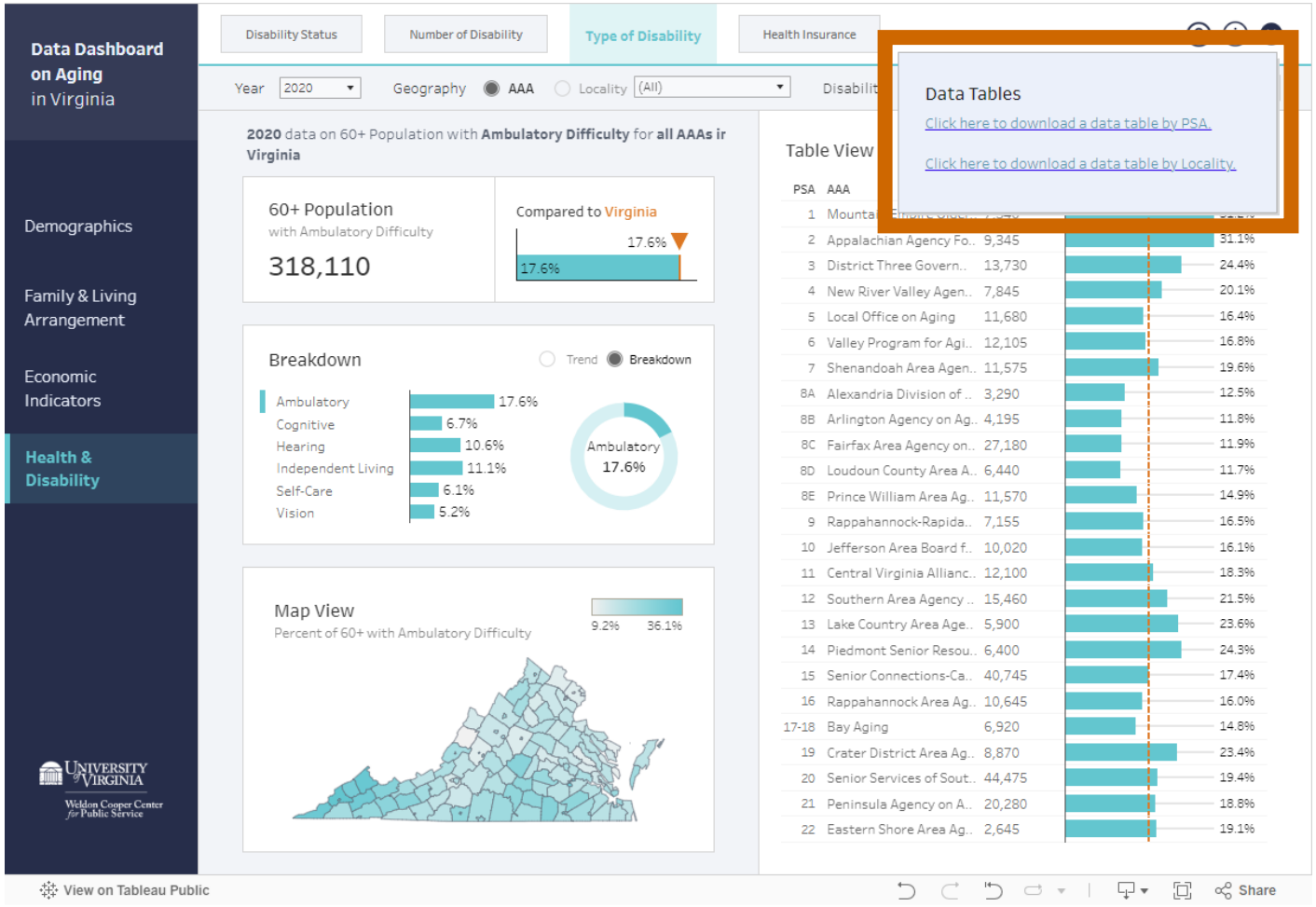
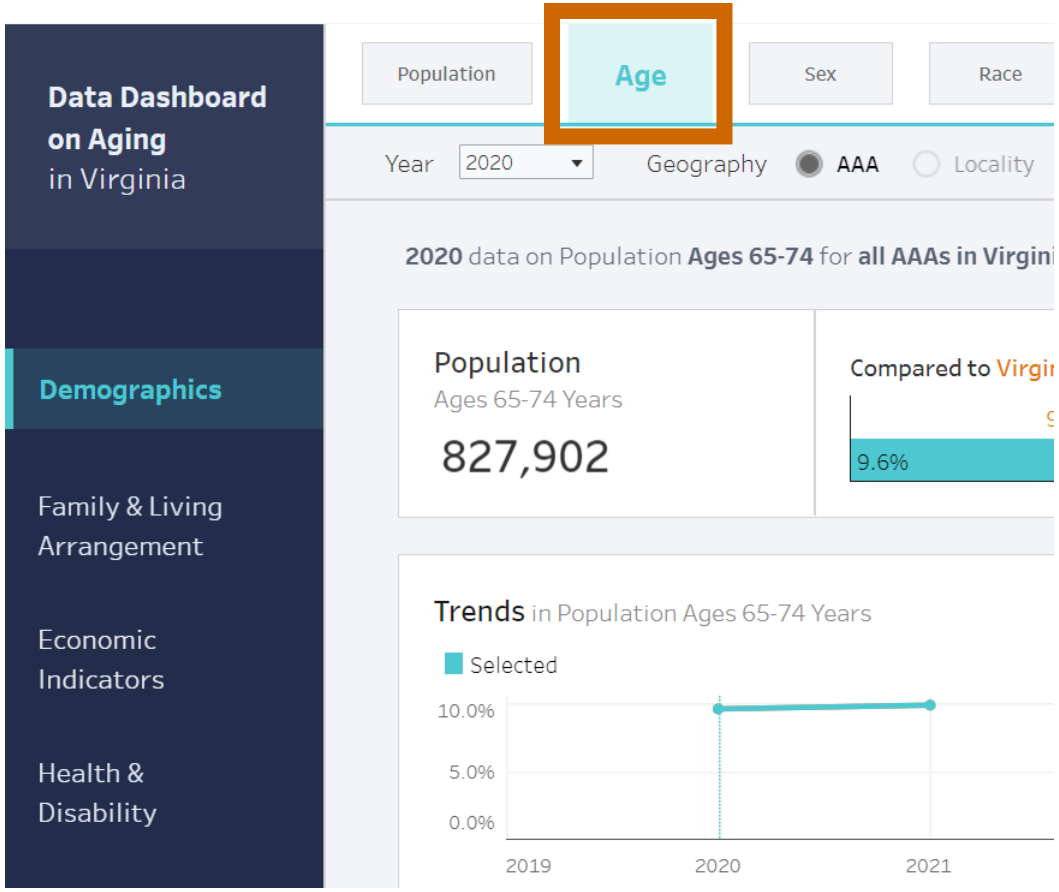


Pop Quiz!

Which Locality in Virginia Has the

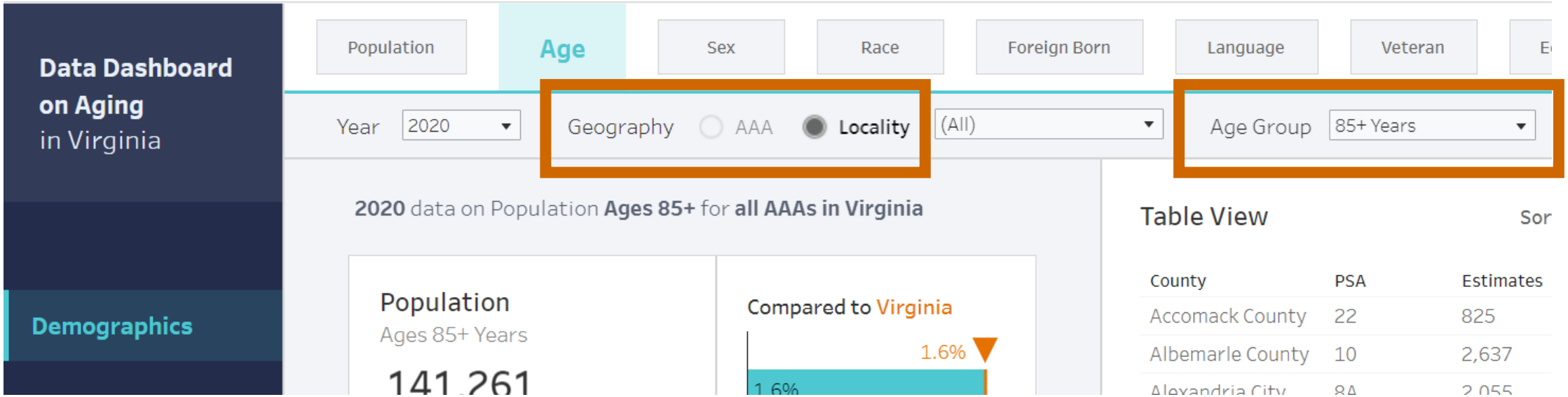
Highest Percentage of the **85+ Population**?

1. Category & Variable: Demographics → Age

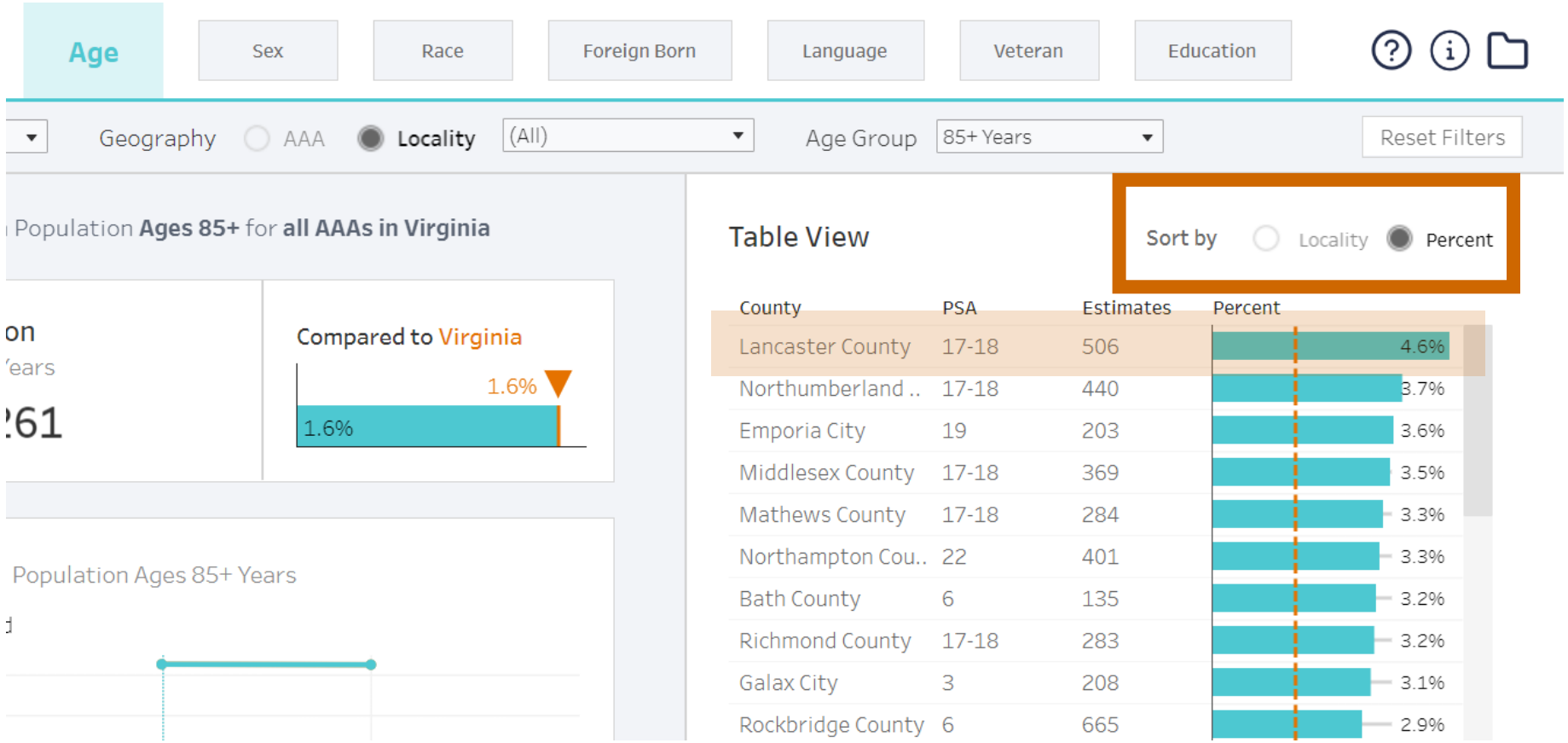


2. Geography: Click “Locality”

3. Age Group: Click “85+ Years”



4. Table View: Click “Sort by Percent”

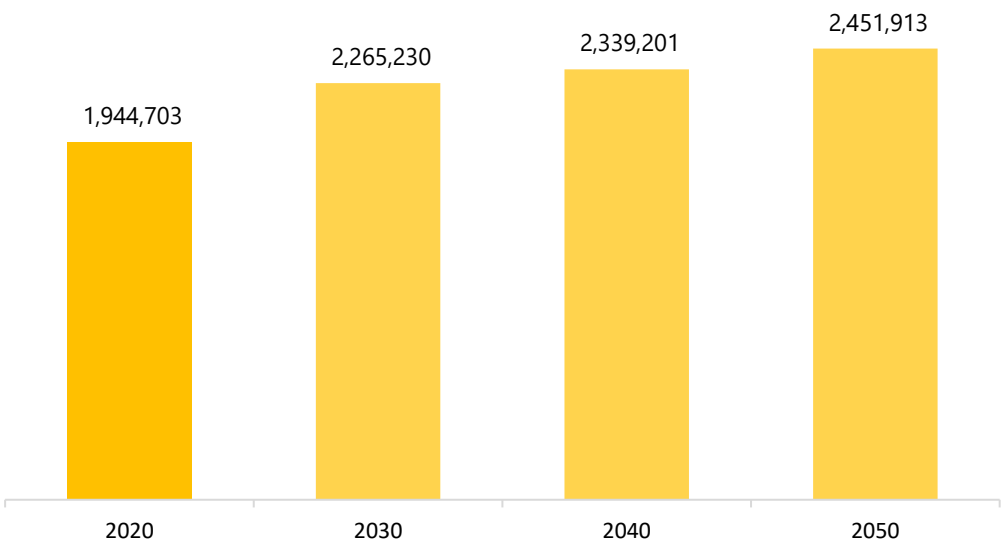


Projecting Virginia's Older Adult Population

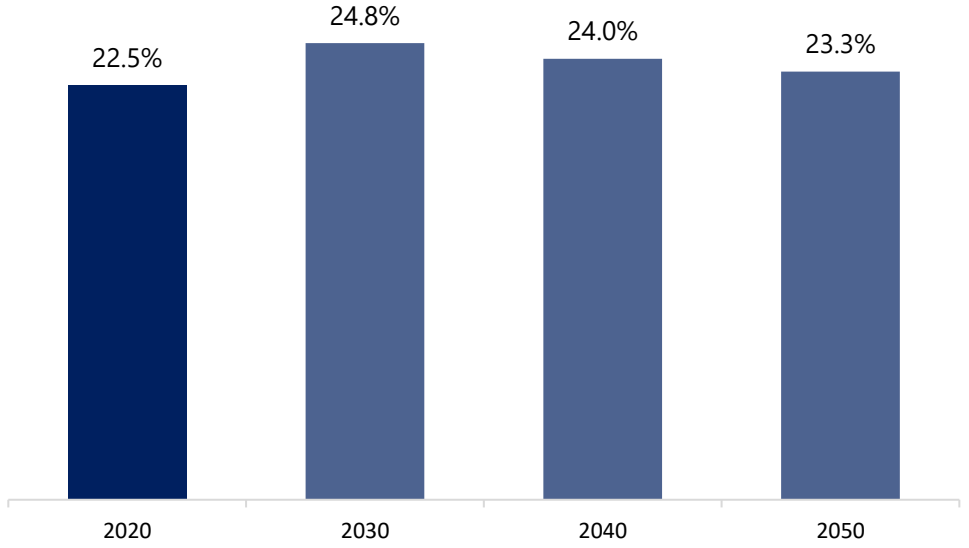
SHONEL SEN / PROJECTIONS PROGRAM MANAGER

Statewide Trends for Virginia

Population Size for 60+



Share of 60+ in Total population



Locality Level Projections for 2030

Top-5 localities with largest SIZE of 60+ population:

LOCALITY	Population
Fairfax County	256,705
Virginia Beach City	120,475
Prince William County	104,669
Chesterfield County	100,632
Loudoun County	92,561

Top-5 localities with largest SHARE of 60+ population:

LOCALITY	Percentage
Lancaster County	51.6%
Northumberland County	50.8%
Highland County	49.1%
Middlesex County	45.0%
Mathews County	43.8%

Takeaways

- By 2030, 1 in 4 Virginians will be over age 60
- The number of older adults will continue to rise but their share in the total population will decline
- Several rural localities will have a significant share of their resident population composed of older adults

NOTE of CAUTION:

- *Projections always incorporate an amount of uncertainty*
- *They represent only one scenario of several possible futures*
- *They need to be updated periodically with latest input data*

https://www.coopercenter.org/virginia-population-projections

For any questions, please contact

sbaik@virginia.edu