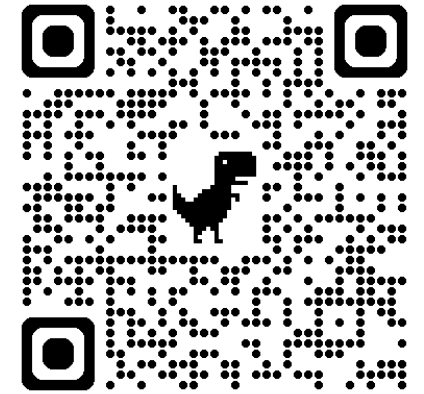


Scan the QR Code or go to  
<https://stateofmissouri.box.com/v/DataPresentation>



MISSOURI DEPARTMENT OF  
**HEALTH &  
SENIOR SERVICES**



# Telling your Story with Data

September 2024

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# What does Telling your Story Mean?

What do you want to tell people?





# Why is it Important to Tell your Story?

What can you gain? Who cares?


# Two Types of Data






### Qualitative Data

The National Institute for Health defines qualitative data as data representing information and concepts that are not represented by numbers. They are often gathered from interviews and focus groups.

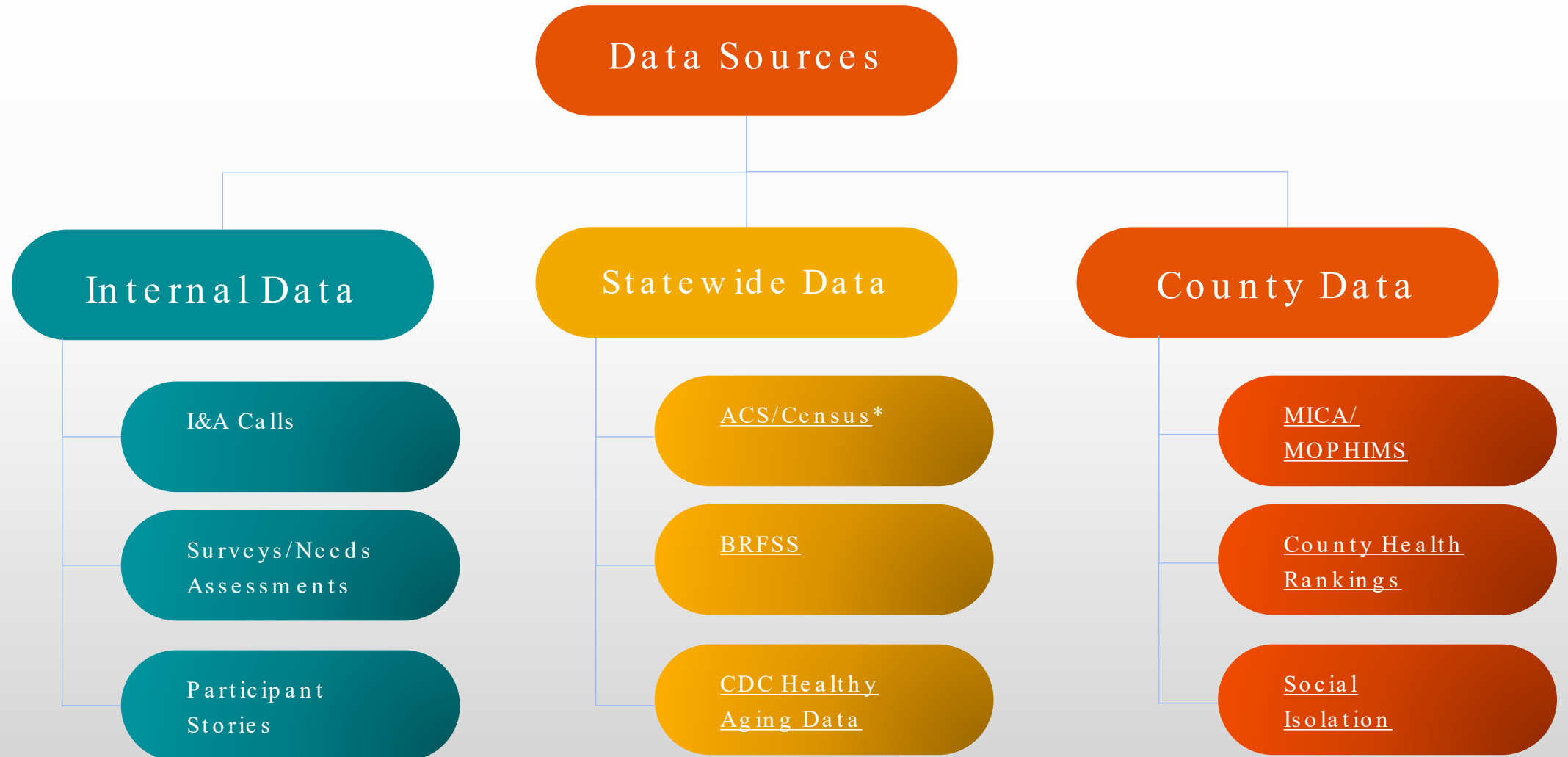




### Quantitative Data

The CDC explains that quantitative data are information in numeric form. This data is collected by counting.

# Where to Find Data



\* Also has county data

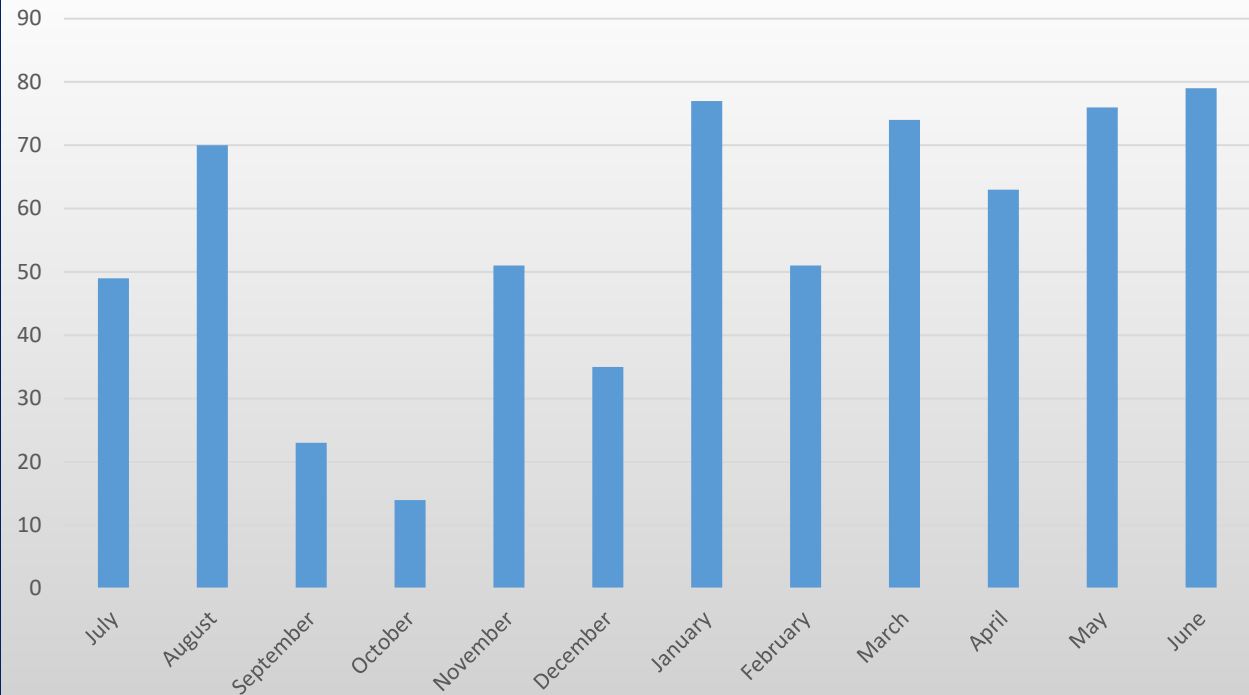
# Internal Data in Excel

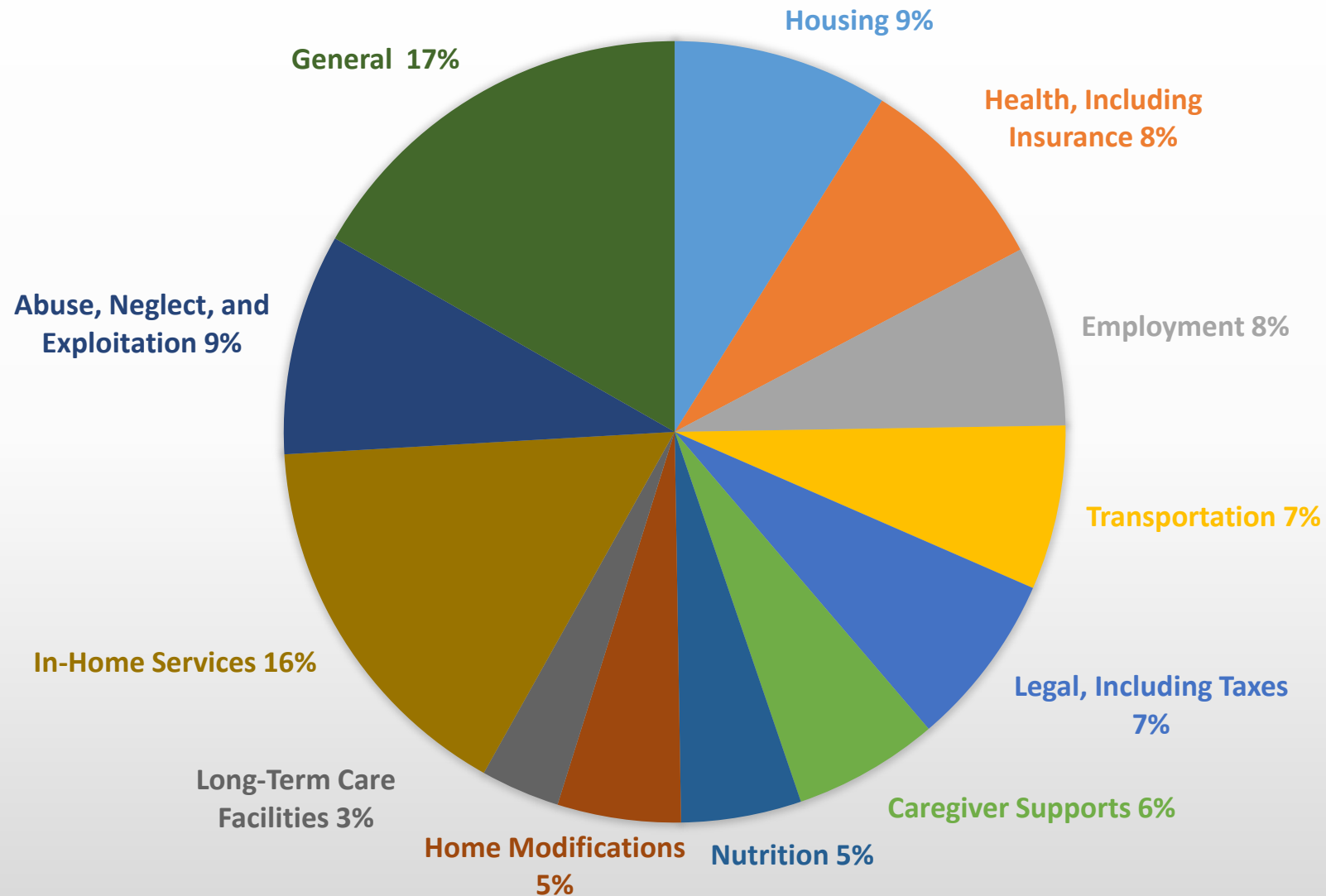
SFY2024 Information and Assistance



- Transportation
- Legal, Including Taxes
- Caregiver Supports
- Nutrition
- Home Modifications
- Long-Term Care Facilities
- In-Home Services
- Abuse, Neglect, and Exploitation
- General

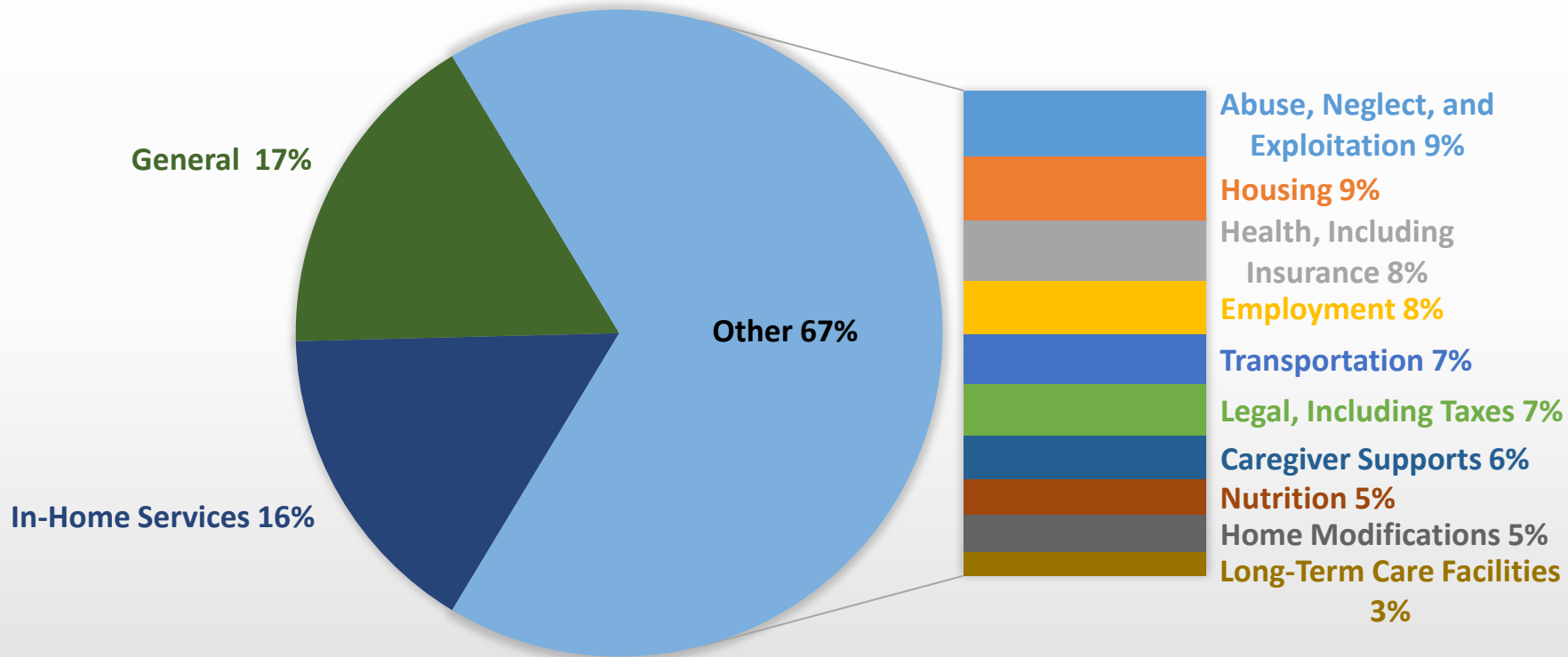
Calls per Month





During SFY2024, Missouri's Bureau of Senior Programs received 662 calls from Missourians, covering a variety of topics. The majority of callers asked for general services available for older adults in Missouri.

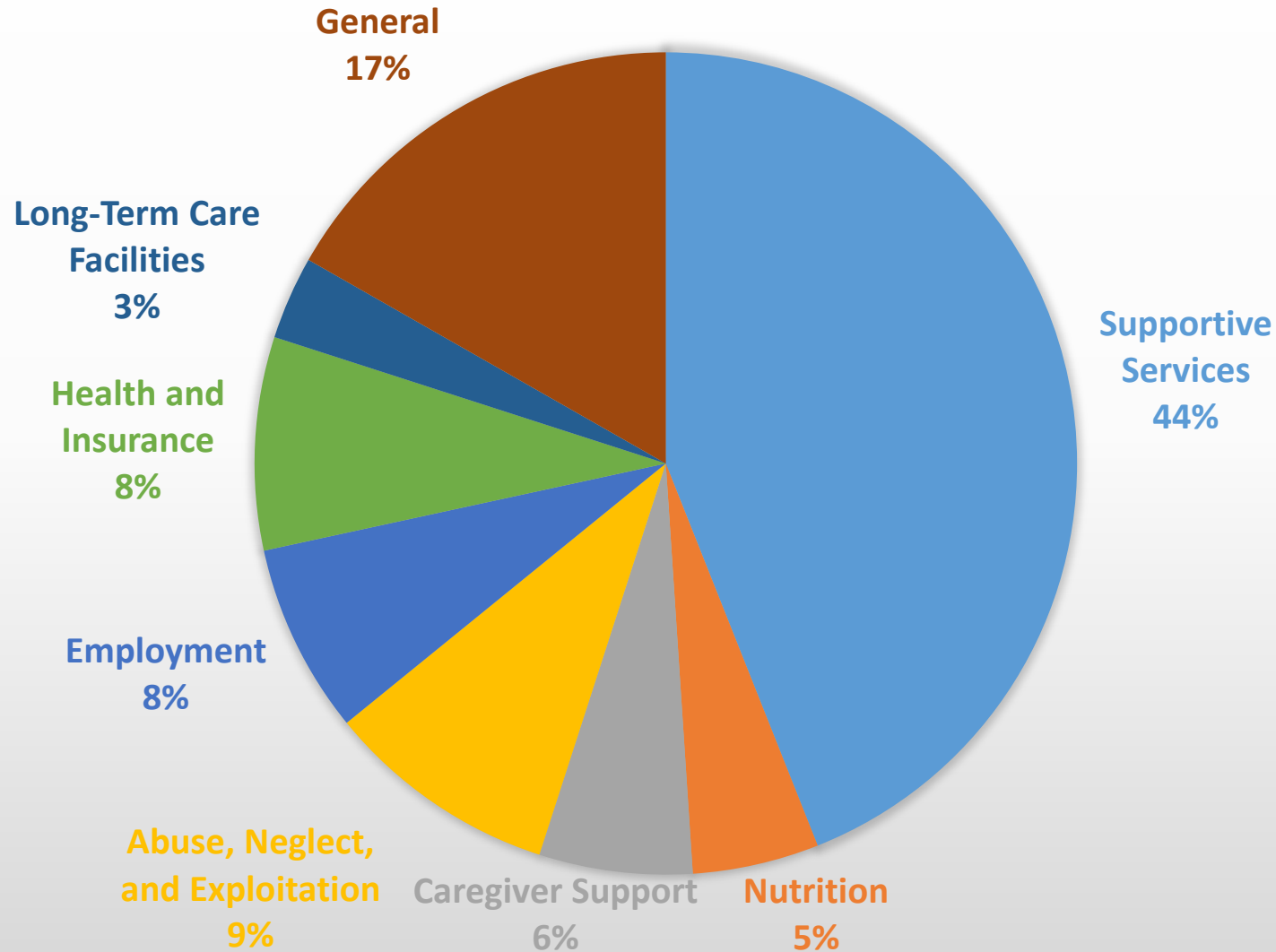
## SFY2024 INFORMATION AND ASSISTANCE



During SFY2024, Missouri's Bureau of Senior Programs received 662 calls from Missourians, covering a variety of topics. The majority of callers asked for general services available for older adults in Missouri and in-home services.



## SFY2024 INFORMATION AND ASSISTANCE



During SFY2024, Missouri's Bureau of Senior Programs received 662 calls from Missourians, covering a variety of topics. Almost half of these calls were related to finding supportive services, including transportation, legal assistance, in-home services, housing, and home modifications.

# Annual Impact Report – Care Connection

## Transportation

**19,539**

Total Trips  
OATS, Provide-A-Ride,  
& Consumer Voucher



## Healthy Aging



### Recreation

**3,094**

Participants

**79,056**

Contacts



### Health & Wellness

**2,269**

Participants

**22,044**

Hours

## Tax Assistance



**\$580,978**

Returned to  
the community

**25**

Volunteers

**1,002**

People  
Helped

**1,168**

Hours  
Donated

## PUBLIC INFORMATION

**4 MILLION REACHES**  
1,794 posts/sessions



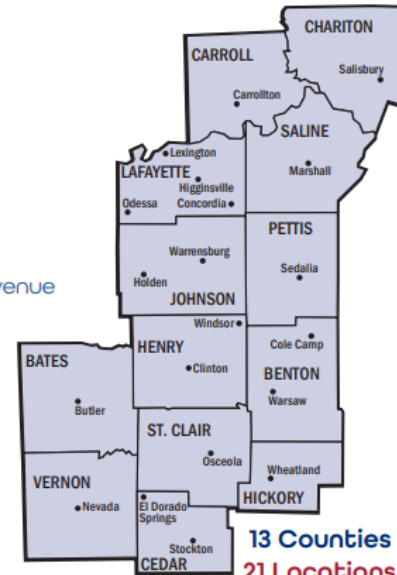
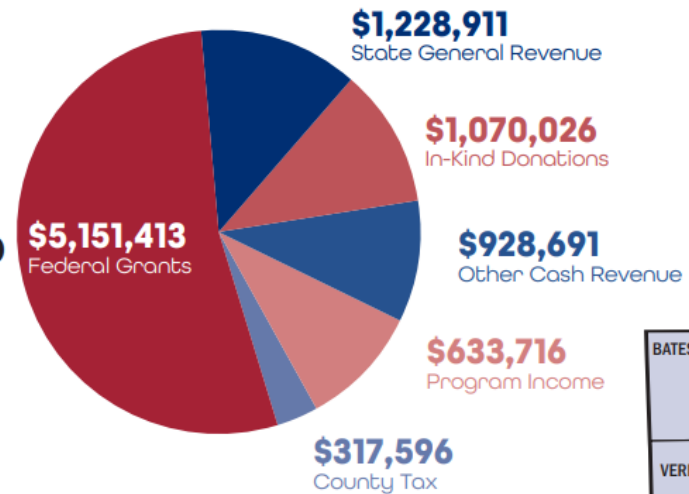
## Meals

Dining Room  
**102,704**

Home-Delivered  
**348,884**

Total  
**451,588**

## Funding Sources



# Missouri Aging Profiles

MISSOURI AGING PROFILE

## MISSOURI

Life Expectancy

76.6



Adults 65+

1,062,483

Percentage 65+

17%

65+ Below Poverty Level

97,505



Housing Costs Greater Than 30% of Income

186,240



Without a Vehicle

61,987



At Risk of Social Isolation

56%



Injuries from Falls

50,080

### Social and Economic Characteristics of Older Adults

Characteristic	Number of Residents
Number of individuals in the workforce	185,896
Grandparents responsible for grandchildren under age 18 (no age range)	52,226
Limited English capability	15,678
Living in a skilled nursing facility (no age range)	44,059
Has difficulty living independently	136,179

Data compiled from most recently available years. Unless otherwise noted, all data is for adults 65+. [Data sources.](#)



Veterans 65+  
187,019



**AGING WITH DIGNITY**  
Missouri's Master Plan on Aging

Bureau of Senior Programs  
P.O. Box 570  
Jefferson City, MO 65102  
573.526.4542  
[Health.Mo.Gov/aging](http://Health.Mo.Gov/aging)



The Missouri Public Health Information Management System (MOPHIMS) provides a common means for users to access public health related data to assist in defining the health status and needs of Missourians.

Community Data Profiles:  
available on various subject  
areas and provide data on  
15-30 indicators for each  
geography selected.

Data MICAs:  
Allow users to summarize  
data, calculate rates, and  
prepare information in a  
graphic format.



**Data MICAs**

Click on  
Data MICAs



**Death MICA**

- Death

A computer monitor icon displaying a red ECG line, representing the 'Death MICA' category.

Click on  
Death MICA



\*Select 2021 in year

Select County in \*Geography and leave all selected

\*Click Expanded for Age and select all age ranges above 60

\*You so not need to adjust Sex, Race, or Ethnicity

**Death MICA**

^v Choose Your Data

Year:  Single Year(s)  Multi-Year Groups 2021 v

Geography: County v

Show State Totals:

County: All selected (115) v

Age:  Single Age  Basic  Expanded  Custom Group 6 selected v

Sex: All selected (2) v

Race:  Basic  Expanded All selected (2) v

Ethnicity: All selected (2) v

Cause: To select or expand within the list, click the applicable checkbox or link.

**Select All Major Items** [Expand Major Items](#)

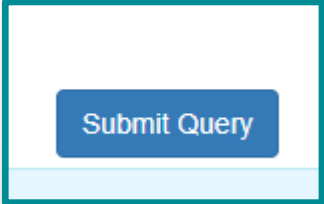
**Select All Intermediate Items (If Major Item is selected)**

More specific selections will override more general selections.

**A pound sign (#) marks causes designated by the CDC/NCHS as rankable in choosing leading causes of death.**

- Congenital anomalies#
- Other diseases/conditions**
- Accidents (unintentional injuries)#**
  - Motor vehicle accidents
  - Other land transport accidents
  - Water, air, space, oth/unspec transport accs
  - Falls**
  - Accidental discharge of firearms
  - Accidental drowning and submersion
  - Accidental exposure to smoke / fire / flames
  - Accidental poisoning and exposure to noxious substances
  - Other/unspec nontransport accidents

[Preview Selections](#)



\*Unclick Select all Major Items

\*Scroll down to Accidents

\*Hit the plus sign to the left of Accidents

\*Select Falls



\*In the Build Your Results Section, Click Submit Query  
\*Your results will populate at the bottom of the page

## Table Results

Save Table As ▾

Send Table to Side by Side

Title: Missouri Resident Deaths

Data selected in addition to rows and columns below:

Age: 60 - 64, 65 - 69, 70 - 74, 75 - 79, 80 - 84, 85 and Over;  
Cause: Accidents (unintentional injuries)#: Falls;

Year:	2021	2021
Statistics:	Count	Rate
County		
Adair	X	X
Andrew	0	0.00
Atchison	0	0.00
Audrain	X	X
Barry	5	49.08 *
Barton	0	0.00
Bates	X	X
Benton	X	X
Bollinger	X	X
Boone	7	20.10 *
Buchanan	11	55.03 *
Butler	X	X
Caldwell	0	0.00
Callaway	X	X
Camden	5	29.44 *
Cape Girardeau	X	X
Carroll	X	X
Carter	X	X
Cass	17	63.36 *

The table will automatically include Counts and Rates. Counties that have an X do not have enough data to report while maintaining anonymity.

## Build Your Results

Build a Table

Make a Map

Create a Chart

Documentation / Metadata

Main Row:

Geography ▾

Row Totals:

Main Column:

Year ▾

Column Totals:

Statistics:

Counts only ▾

Submit Query

You can adjust the table in the Build Your Results Section. Make sure to click Submit Query to update your table.

## Choose Your Data

Year:

Single Year(s)

Multi-Year Groups

Years per Group:

5 ▾

Latest Year:

2021 ▾

Go=>

2017-2021 ▾

Show State Totals:

Geography:

County ▾

County:

Adair ▾

For counties with an X, like Adair, you can select Multi-Year Groups in Choose Your Data to get data for that multi-year period.

## Table Results

Save Table As ▾

Send Table to Side by Side

Title: Missouri Resident Deaths

Data selected in addition to rows and columns below:

Age: 60 - 64, 65 - 69, 70 - 74, 75 - 79, 80 - 84, 85 and Over;  
Cause: Accidents (unintentional injuries)#: Falls;

Year:

2017-2021

Statistics:

Count

County

Adair

7

Missouri

3,736

Source: DHSS - MOPHIMS - Death MICA

Generated On: 8/21/2024 4:29:04 PM

# Explore Census Data

Learn about America's People, Places, and Economy

Find Tables, Maps, and more...



American Community  
Survey (ACS):  
an ongoing survey that  
provides data every year

Decennial Census:  
on years ending in zero, the  
U.S. Census attempts to  
count each resident of the  
U.S.



age in missouri × 📍 🎤 🔍 Advanced Search

**All** Tables Maps Profiles Pages

# Median Age in Missouri is **39.1** ± 0.2

2022 American Community Survey 1-Year Estimates [View This Result](#)

1,215 Tables, 1,215 Maps, 116 Profiles, 5 Pag

## Tables View: 10 | 25 | 50

- American Community Survey  
**S0101** | Age and Sex  
[View All 25 Products](#)
- American Community Survey  
**DP05** | ACS Demographic and Housing Estimates  
[View All 28 Products](#)
- American Community Survey  
**S0102** | Population 60 Years and Over in the United States  
[View All 25 Products](#)
- American Community Survey  
**S0103** | Population 65 Years and Over in the United States  
[View All 25 Products](#)

When you type in a search item, the results will come up on a page like this.

\*Population 60/65 Years and Over in the United States: These are great tables for statewide data. However, they only provide county-level data for 42 counties (60+ and 28 counties (65+).

\*Much of the data in each of these tables can be found at the county-level in other tables, so they can be a good place to discover what the data you want is called.

**S0102** | Population 60 Years and Over in the United States

American Community Survey | 2022: ACS 1-Year Estimates Subject Tables

Notes | Geos | Topics | Codes | Dataset | Year | Columns | Transpose | Margin of Error | Restore | More Tools

Please note that American Community Survey 1-Year estimates are published for geographies with a population of 65,000 or more. For more information, see the [guidance for when to use 1-year or 5-year estimates](#).

Label	Missouri			
	Total		60 years and over	
	Estimate	Margin of Error	Estimate	Margin of Error
▼ Total population	6,177,957	*****	1,542,945	±8,665
▼ SEX AND AGE				
Male	49.3%	±0.1	45.8%	±0.3
Female	50.7%	±0.1	54.2%	±0.3

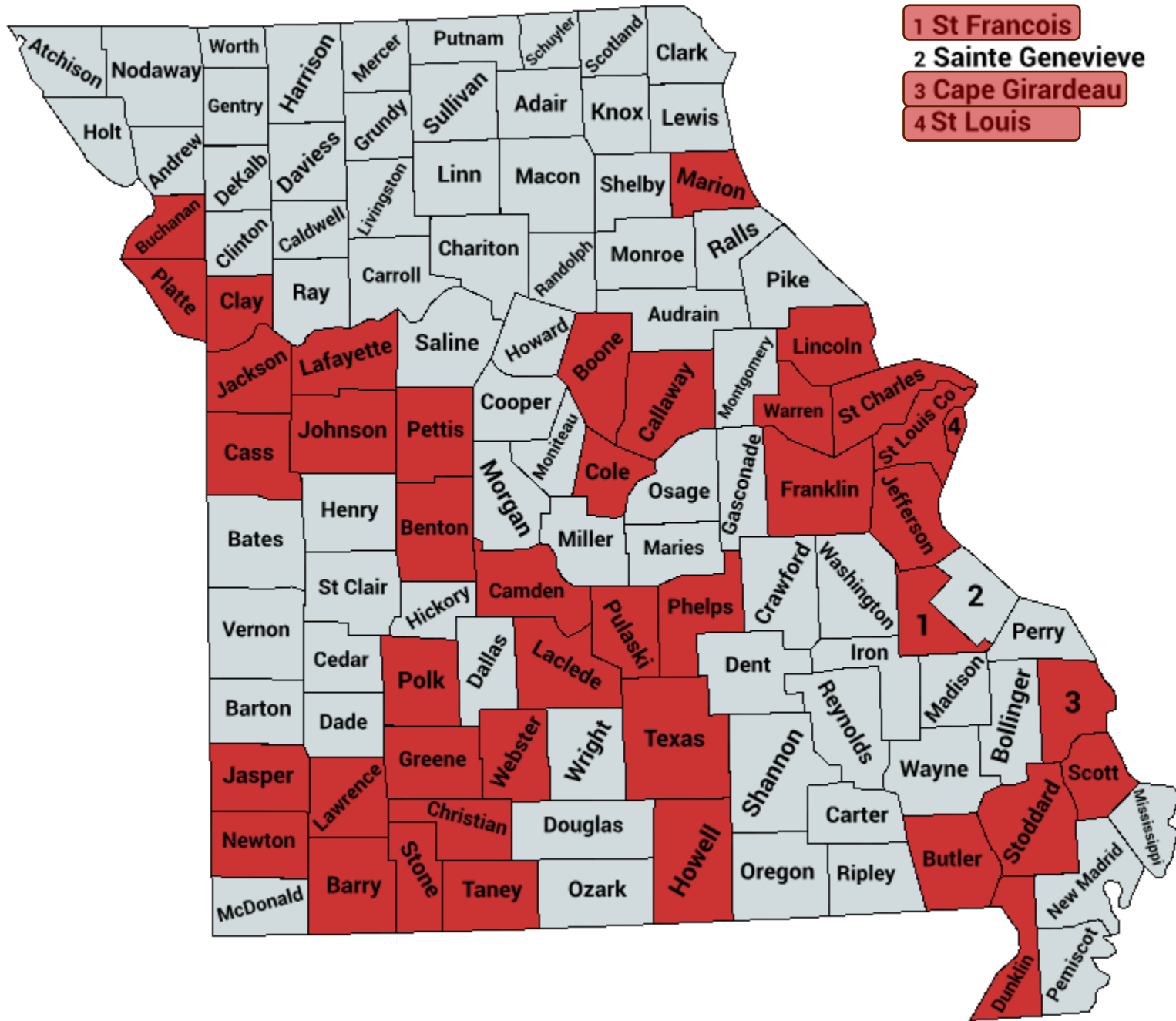
When you click on the table after searching for age in Missouri, the website will automatically select the most recent 1-year table.

- The 1-year table only includes data from 1 year of the ACS survey.
- This only allows you to see the data for the state, Jackson County, and St. Louis County.

To access additional data, you can click where it says '2022: ACS 1-Year Estimates Subject Tables' and select the 5-Year table.

- The 5-year table includes data from 5 years of the ACS survey. This data is then averaged and only reports one year of information.
- This allows you to see data for 40 additional counties.

To access county-level data, click on Geos, select County, select Missouri, and select the counties



S0102 | Population 60 Years and Over in the United States

American Community Survey | 2022: ACS 5-Year Estimates Subject Tables

Notes

Geos <sup>43</sup>

Topics <sup>1</sup>

Codes 123

Dataset

Year

Columns

Transpose

Margin of Error

Restore

Excel

Missouri

Label

Total

60 years and over

Estimate

Margin of Error

Estimate

Margin of Error

RESPONSIBILITY FOR GRANDCHILDREN UNDER 18 YEARS

Population 30 years and over

3,791,326

±1,140

1,478,621

±3,674

Living with grandchild(ren)

2.8%

±0.1

4.0%

±0.2

Responsible for grandchild(ren)

1.2%

±0.1

1.5%

±0.1

VETERAN STATUS

Civilian population 18 years and over

4,760,026

±1,450

1,478,621

±3,674

Civilian veteran

7.6%

±0.1

15.1%

±0.2

DISABILITY STATUS

Civilian noninstitutionalized population

6,047,407

±1,222

1,437,330

±3,777

With any disability

14.5%

±0.1

31.5%

±0.3

No disability

85.5%

±0.1

68.5%

±0.3

▼ RESPONSIBILITY FOR GRANDCHILDREN UNDER 18 YEARS
▼ Population 30 years and over
▼ Living with grandchild(ren)
Responsible for grandchild(ren)

responsibility for grandchildren under 18 years × 📍 🎤 🔍 Advanced

All **Tables** Maps Profiles Pages

« **S1002 | Grandparents** ▾

American Community Survey 2022: ACS 1-Year Estimates Subject Tables

[Download Table Data](#)

**S1002 | Grandparents** ▾

American Community Survey 2022: ACS 5-Year Estimates Subject Tables

Notes **Geos**<sup>2</sup> **Topics**<sup>1</sup> **123** Codes Dataset Year Columns Transpose **Margin of Error** Restore Excel CSV ZIP Cite Share Print More

Label	Missouri		Percent distribution of grandparents responsible for grandchildren	
	Total		Total	
	Estimate	Margin of Error	Estimate	Margin of Error
▼ Grandparents living with own grandchildren under 18 years	108,034	±2,939	45,736	±2,149
> RACE AND HISPANIC OR LATINO ORIGIN				
> SEX				
> MARITAL STATUS				
> LABOR FORCE STATUS				
> NATIVITY				
> LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH				
> DISABILITY STATUS				
> POVERTY STATUS IN THE PAST 12 MONTHS				
> Grandparents living with own grandchildren under 18 years in households	107,910	±2,933	45,734	±2,149
> HOUSEHOLDS				
▼ PERCENT ALLOCATED				
Grandparents living with grandchildren	0.3%	(X)	(X)	(X)
Grandparents responsible for grandchildren	13.6%	(X)	(X)	(X)

- ▼ VETERAN STATUS
- ▼ Civilian population 18 years and over
- Civilian veteran

veteran status × 📍 🎤 🔍 Advanced Search

All **Tables** Maps Profiles Pages

« **S2101 | Veteran Status** ▾

American Community Survey | 2022: ACS 1-Year Estimates Subject Tables

[Download Table Data](#)

veteran status age × 📍 🎤 🔍 Advanced Search

All **Tables** Maps Profiles Pages

« **C21007 | Age by Veteran Status by Poverty Status in the Past 12 Months by Disability Status for the Civilian Population 18 Years and Over** ▾

[Download Table Data](#) American Community Survey | Universe: Civilian population 18 years and over for whom poverty stat... +1

Notes **Geos** **Topics** **123** Codes Dataset Year

Label	Missouri	
	Estimate	Margin of Error
▼ Total:	4,621,486	±1,340
▶ 18 to 64 years:	3,594,990	±1,636
▼ 65 years and over:	1,026,496	±937
▼ Veteran:	181,659	±2,361
▼ Income in the past 12 months below poverty level:	12,048	±806
With a disability	5,974	±460
No disability	6,074	±658
▼ Income in the past 12 months at or above poverty level:	169,611	±2,148
With a disability	72,898	±1,766
No disability	96,713	±1,818
▼ Nonveteran:	844,837	±2,552
▼ Income in the past 12 months below poverty level:	85,457	±2,372
With a disability	42,655	±1,861
No disability	42,802	±1,469
▼ Income in the past 12 months at or above poverty level:	759,380	±3,415
With a disability	238,332	±3,129
No disability	521,048	±3,602

DISABILITY STATUS

Civilian noninstitutionalized population

With any disability

No disability

disability status × 📍 🎤 🔍 Advanced

All **Tables** Maps Profiles Pages

S1810 | Disability Characteristics ⌵

American Community Survey 2022: ACS 1-Year Estimates Subject Tables

Download Table Data

Please note that American Community Survey 1-Year estimates are pu

S1810 | Disability Characteristics

American Community Survey 2022: ACS 5-Year Estimates Subject Tables



123 Codes



Label	Missouri		
	Total	With a disability	Percent with a disability
	Estimate	Estimate	Estimate
<ul style="list-style-type: none"> <li>Total civilian noninstitutionalized population</li> <li>SEX</li> <li>RACE AND HISPANIC OR LATINO ORIGIN</li> <li>AGE</li> <li>DISABILITY TYPE BY DETAILED AGE                             <ul style="list-style-type: none"> <li>With a hearing difficulty</li> <li>With a vision difficulty</li> <li>With a cognitive difficulty</li> <li>With an ambulatory difficulty</li> <li>With a self-care difficulty</li> <li>With an independent living difficulty</li> </ul> </li> </ul>	6,047,407	876,490	14.5%
With a hearing difficulty	(X)	251,840	4.2%
With a vision difficulty	(X)	159,331	2.6%
With a cognitive difficulty	(X)	343,964	6.0%
With an ambulatory difficulty	(X)	437,188	7.7%
With a self-care difficulty	(X)	156,212	2.7%
With an independent living difficulty	(X)	302,387	6.5%

# Putting it Together



[Name of Participant] is one of the 45,736 grandparents in Missouri who are responsible for their grandchildren. Here at [Name of Organization] we have helped him with [Services Provided].

[Call to action]

Last year [Name of Organization] provided services to [number] of older relative caregivers. However, there are [number] grandparents living with their grandchildren in our [county or region].

[Call to action]



# Putting it Together



[Name of Participant] is one of the 357 older adults in Grundy County who served their country. Here at [Organization], we want to provide quality services to all the older adults in our county who answered our country's call to service.

[Call to action]

Last year [Name of Organization] provided services to [number] of veterans. However, there are [number] older adult veterans living in our [county or region].

[Call to action]

<https://www.istockphoto.com/photos/elderly-veteran>

# Putting it Together



[Name of Participant] is one of the 1,108 older adults in Adair County with a disability. That hasn't stopped him from remaining active. We see him every week at [Organization] enjoying [activity name].

[Call to action]

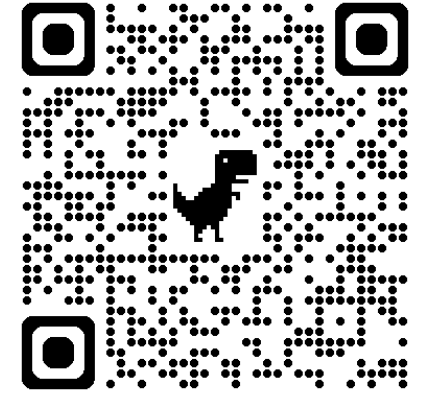
Last year [Name of Organization] provided in-home services to [number] of older adults. However, there are 3,613 older adults living in Adair County, and 1,108 of them are living with a disability.

[Call to action]



# QUESTIONS?

Scan the QR Code or go to  
<https://stateofmissouri.box.com/v/DataPresentation>



Jordanna.mcleod@Health.mo.gov



573-526-7869



Health.Mo.Gov