Dynamic Visualizations User Guide

January 2019

Welcome

This guide will help you navigate the dynamic visualization pages on the GeorgiaDATA website.

To illustrate how to use the data visualizations, we will walk through an example using the labor force participation rate visualization. It is helpful to have a question in mind when using the visualizations. Let's say you are interested in comparing the labor force participation rate of your county, Coweta County, and the rest of the region.

How to find the dynamic visualizations

Begin using the dynamic visualizations by clicking the Topics tab on Georgiadata.org.

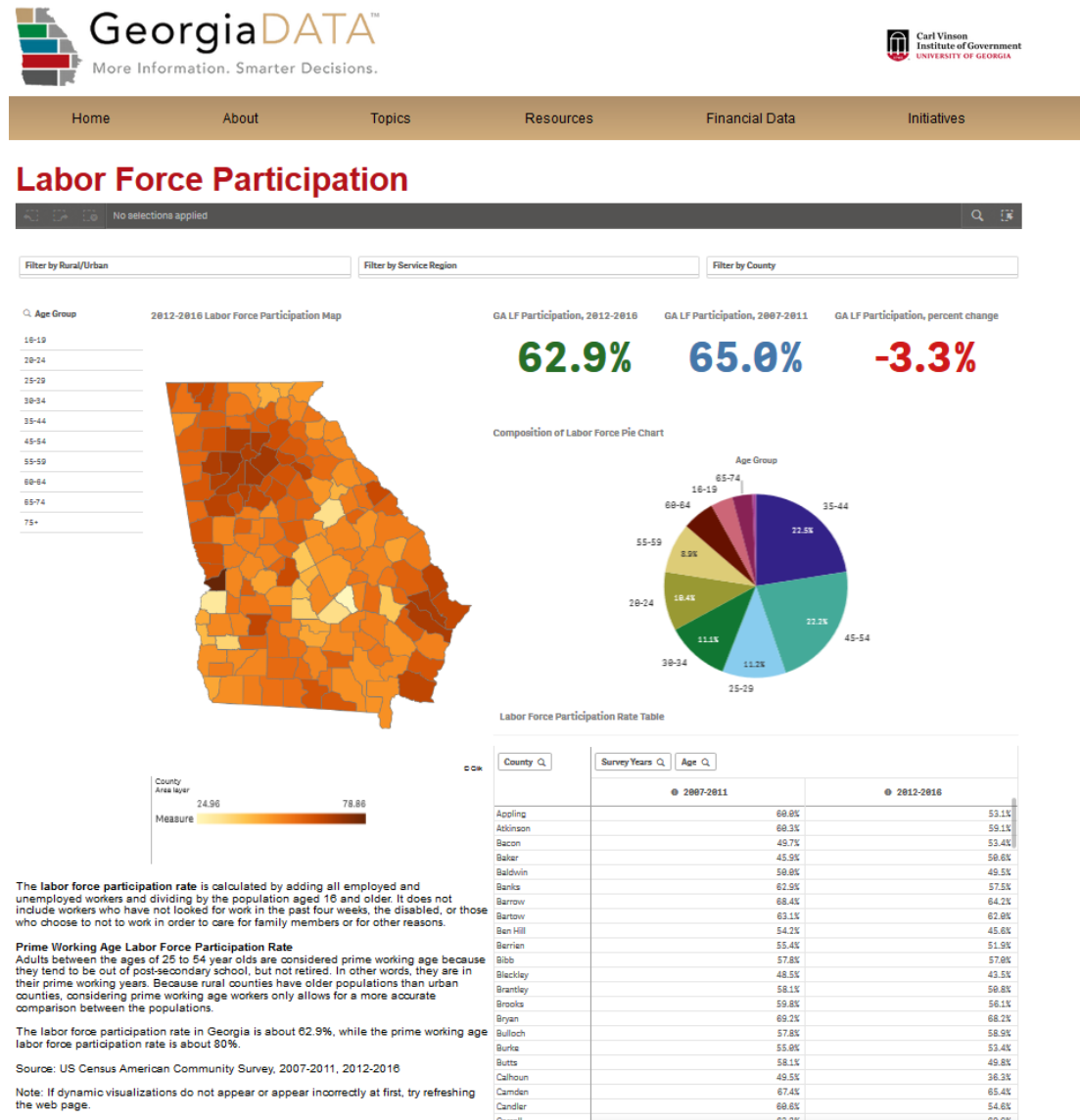Then select Labor Force Participation.

Data-Driven Dynamic Visualizations

On the Labor Force Participation page, there are a number of dynamic visualizations.

- A map
- A pie chart
- A table

Additionally, the state-level labor force participation rate is displayed on the right.

Using Filters

Labor Force Participation

No selections applied   🔍

Filter by Rural/Urban	Filter by Service Region	Filter by County

The dynamic visualization pages contain filters that will allow us to segment the data into areas of interest to us.

This is a powerful feature and what makes the visualizations dynamic.

🔍 **Age Group**

16-19

20-24

25-29

30-34

35-44

45-54

55-59

60-64

65-74

75+

You can filter the data on:
- Rural and urban counties
- Service Region
- County
- Age group

As well as other categories depending on the data available.

In our example, we want to compare the labor force participation rate in Coweta County to counties in the rest of Service Region 4.

Start by clicking the Service Region filter button and selecting 4.
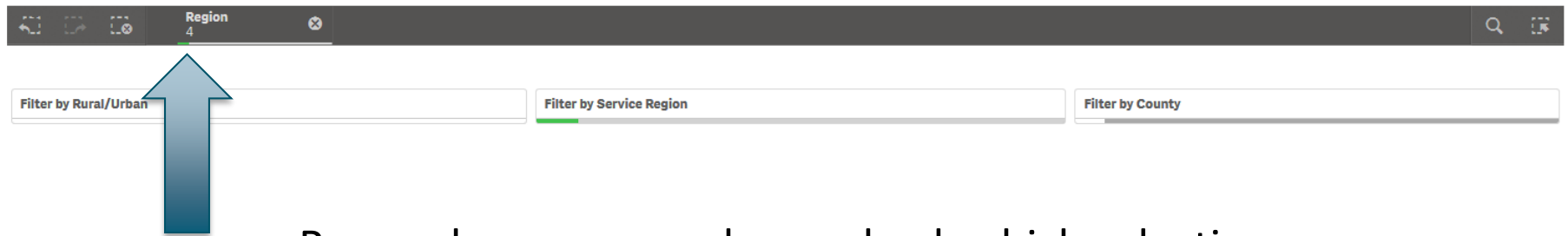

Click the green check mark to save your selection.

All active filters appear in the gray bar

The Selections Bar

Labor Force Participation

Region 4

Filter by Rural/Urban | Filter by Service Region | Filter by County

Remember, you can always check which selections you have made by looking at the dark gray selections bar at the top of the screen.

As you can see, Service Region 4 is currently selected. When you're ready, you can click the X to clear that selection.
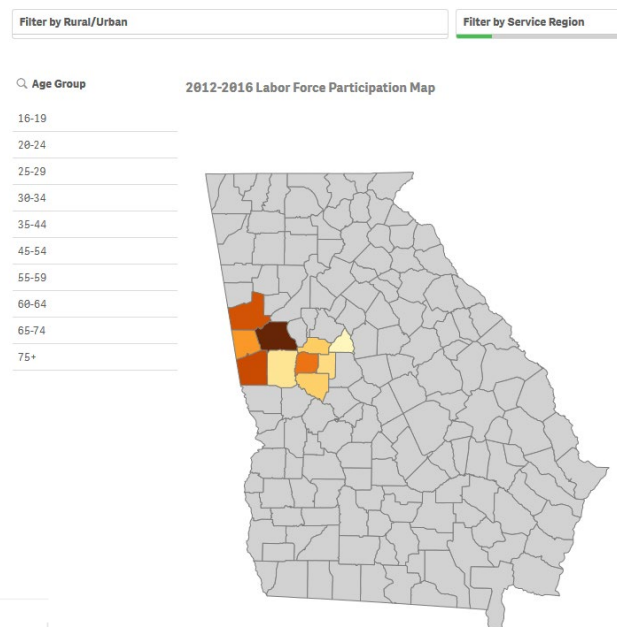
Regional Comparisons

When you select Service Region 4, the visualizations will update to reflect the data available for the region.
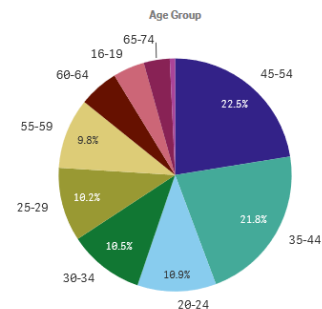
As you can see in the map and table, Coweta County has the highest LFPR in Service Region 4 at 66.1% in 2012-2016.

Age Group

Age Group
16-19
20-24
25-29
30-34
35-44
45-54
55-59
60-64
65-74
75+

2012-2016 Labor Force Participation Map

Labor Force Participation Rate Table

County 🔍	Survey Years 🔍 Age 🔍	
	⊕ 2007-2011	⊕ 2012-2016
Butts	58.1%	49.8%
Carroll	63.2%	60.9%
Coweta	66.7%	66.1%
Heard	56.6%	56.9%
Lamar	59.7%	52.6%
Meriwether	57.6%	51.9%
Pike	62.0%	58.9%
Spalding	60.4%	53.7%
Troup	62.9%	61.5%
Upson	57.4%	53.5%

Composition of Labor Force Pie Chart

Age Group

- 45-54: 22.5%
- 35-44: 21.8%
- 20-24: 10.9%
- 30-34: 10.5%
- 25-29: 10.2%
- 55-59: 9.8%

State-level Comparisons

We can also see that Coweta County's labor force participation rate is higher than Georgia's labor force participation rate of 62.9%.