

Getting Started

The BDS visualization tools allow you to look at the data in different ways to help answer questions of interest to you. A [step-by-step example](#) is provided below, and the [Help](#) page provides additional information on how to use the tools. Use the navigation menu on the left to start interacting with the data. Each menu option allows you to look at the same data in different ways.

Want to explore characteristics of your state? Below are the menu options you should use.

What to Do First	What to Do First	What to Do First
Thematic Map	Thematic Map	Thematic Map
Bar Charts	Bar Charts	Bar Charts
Time Series	Time Series	Time Series
Analysis Examples	Analysis Examples	Analysis Examples
Help	Help	Help

Map Charts: Compare States by Measure or Measure by State Time Series: Compare States

Are you researching a particular sector of the economy? Below are the menu options you should use.

What to Do First	What to Do First	What to Do First
Thematic Map	Thematic Map	Thematic Map
Bar Charts	Bar Charts	Bar Charts
Time Series	Time Series	Time Series
Analysis Examples	Analysis Examples	Analysis Examples
Help	Help	Help

Map Charts: Compare Sectors by Measure or Measure by Sector Time Series: Compare Sectors

Do you want to see how things have changed over time? Below are the menu options you should use.

What to Do First	What to Do First
Thematic Map	Thematic Map
Bar Charts	Bar Charts
Time Series	Time Series
Analysis Examples	Analysis Examples
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Map Time Series: Compare Sectors

Step-By-Step Example

1. Decide on your question of interest: Do large firms have a higher net job creation rate than small firms in the retail trade sector?
2. Determine which type of visualization will help answer your question: Bar Charts: Compare Measure by Sector
3. Click on Bar Charts: Compare Measure by Sector in the BDS Visualization Tools menu

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Business Dynamics Statistics

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What to Do First
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Compare Sectors By Measure
Compare Sectors By Measure
Compare Measure by Sector
Compare Measure by State

Click on Bar Charts -> Compare Measure by Sector

4. Choose "Retail Trade" from the Sector drop-down menu in the selection panel

Interactive Bar Charts: Compare Measure By Sector

Sector: Retail Trade

Year: 2011

RESULTS: Retail Trade

Select a Measure:

- (#) Number of firms
- (#) Number of establishments
- (#) Employment
- (#) Establishment born among the last 12 months
- (#) Establishment left due among the last 12 months
- (#) Establishment adding among the last 12 months
- (#) Establishment net job among the last 12 months
- (#) Jobs created over the last 12 months
- (#) Jobs created by establishment born over the last 12 months
- (#) Jobs created by establishment left over the last 12 months
- (#) Jobs created by continuing establishments over the last 12 months

Make a selection from the Sector drop-down menu

5. Select the "Average Size" radio button next to "Firm" in the selection panel

Interactive Bar Charts: Compare Measure By Sector

Sector: Retail Trade

Year: 2011

RESULTS: Retail Trade

Select a Measure:

- (#) Number of firms
- (#) Number of establishments
- (#) Employment
- (#) Establishment born among the last 12 months
- (#) Establishment left due among the last 12 months
- (#) Establishment adding among the last 12 months
- (#) Establishment net job among the last 12 months
- (#) Jobs created over the last 12 months
- (#) Jobs created by establishment born over the last 12 months
- (#) Jobs created by establishment left over the last 12 months
- (#) Jobs created by continuing establishments over the last 12 months

Select the type of firm size measure

6. Select the year of interest from the year slider (2008 in this example) in the selection panel

Interactive Bar Charts: Compare Measure By Sector

Sector: Retail Trade

Year: 2008

RESULTS: Retail Trade

Select a Measure:

- (#) Number of firms
- (#) Number of establishments
- (#) Employment
- (#) Establishment born among the last 12 months
- (#) Establishment left due among the last 12 months
- (#) Establishment adding among the last 12 months
- (#) Establishment net job among the last 12 months
- (#) Jobs created over the last 12 months
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- (#) Jobs created by continuing establishments over the last 12 months

Select a year

7. Review your selections from the selection panel above

Interactive Bar Charts: Compare Measure By Sector

Sector: Retail Trade

Year: 2008

RESULTS: Retail Trade

Select a Measure:

- (#) Number of firms
- (#) Number of establishments
- (#) Employment
- (#) Establishment born among the last 12 months
- (#) Establishment left due among the last 12 months
- (#) Establishment adding among the last 12 months
- (#) Establishment net job among the last 12 months
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Review your selections

8. Select your measure of interest from the side selection panel ("Net job creation rate" in this example)

Interactive Bar Charts: Compare Measure By Sector

Sector: Retail Trade

Year: 2008

RESULTS: Retail Trade

Select a Measure:

- (#) Number of firms
- (#) Number of establishments
- (#) Employment
- (#) Establishment born among the last 12 months
- (#) Establishment left due among the last 12 months
- (#) Establishment adding among the last 12 months
- (#) Establishment net job among the last 12 months
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Select the measure of interest

9. De-select the default measure from the side selection panel ("Number of firms" in this example)

Interactive Bar Charts: Compare Measure By Sector

Sector: Retail Trade

Year: 2008

RESULTS: Retail Trade

Select a Measure:

- (#) Number of firms
- (#) Number of establishments
- (#) Employment
- (#) Establishment born among the last 12 months
- (#) Establishment left due among the last 12 months
- (#) Establishment adding among the last 12 months
- (#) Establishment net job among the last 12 months
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De-select the default measure

10. Congratulations! You have successfully created a bar chart of the net job creation rate in Retail Trade in 2008 by the average size of the firm using the BDS visualization tools. You can now interact with your visualization. For example, you could add more measures to the chart by selecting them in the side selection panel. You could change the sector or year or look at age instead of size. You can also [zoom in](#) to take a closer look, [save your chart](#) as a PNG, or [save the data](#) underlying your chart to a CSV file.