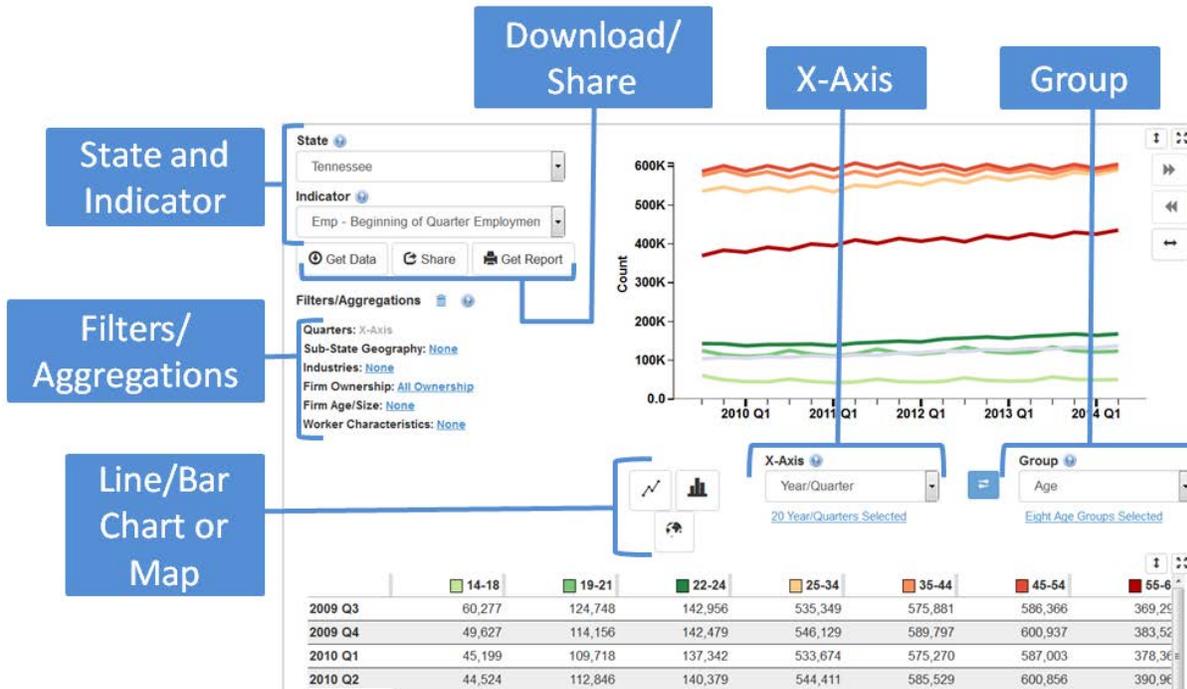


# QWI Explorer

## Beginner Walkthrough: Data Comparisons

Local Employment Dynamics



**Are separations from Health Care and Social Assistance employment in Jackson County, Louisiana increasing or decreasing over the last 20 years?**

1. Go to the Quick Links section at <http://lehd.ces.census.gov> and choose **QWI Explorer**.

2. In the top left corner of the application, set **State** to “Louisiana” and **Indicator** to “Sep”.

3. To simplify the chart and table, click the **Group** dropdown (located in between the chart and table) and set it to “No Group”.

4. Let’s update the set of quarters shown in the **X-Axis**. Click the blue “20 Year/Quarters” link underneath the **X-Axis** dropdown (located in between the chart and table) to open the X-Axis Characteristic popup. To remove seasonality, let’s select

State: Louisiana

Indicator: Sep - Separations: Counts

	Q1	Q2	Q3	Q4
2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2012	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2011	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2009	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2008	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2007	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2006	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2004	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2003	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2002	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2001	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1999	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1998	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1997	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1996	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

all Quarter 1 checkboxes and unselect all Quarter 2, 3, and 4 checkboxes and then click “OK”. The table and chart now show Quarter 1 Separations for the State of Louisiana for the last 20 years.

5. Let’s use the **Filters/Aggregations** functionality (located underneath the **State** and **Indicator** dropdowns) to further refine our analysis. Click the blue “None” link next to **Sub-State Geography** to open up the Filter popup window.

6. In the list of counties below, click the checkbox next to “Jackson, LA” and click “OK”.

7. Next, click the blue “None” link next to **Industries** to open up the Filter popup window. In the list of NAICS Sectors, click the checkbox next to “62 Health Care and Social Assistance” and click “OK”.

**Filters/Aggregations** 🗑️ ⚙️

Quarters: X-Axis

Counties: [Jackson](#)

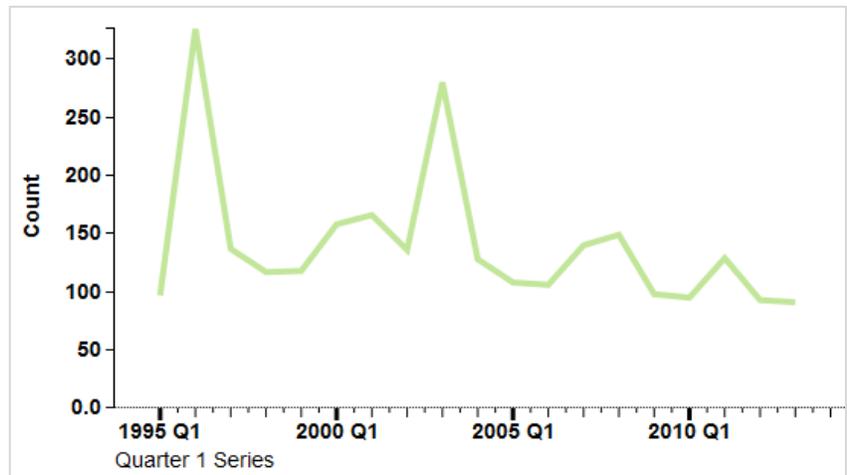
NAICS Sectors: [Health Care and Social Assistance](#)

Firm Ownership: [All Ownership](#)

Firm Age/Size: [None](#)

Worker Characteristics: [None](#)

8. Looking at the **Line Chart**, we can see that Quarter 1 Separations have been trending slightly down over the last 20 years, with two large spikes in separations in 1996 and 2003.



9. Click the **Get Data**, **Share**, or **Get Report** buttons (located

underneath the **Indicator** dropdown) to export the analysis to a variety of formats.

### How do separations from Health Care and Social Assistance employment in Jackson County, Louisiana compare to other NAICS Sectors?

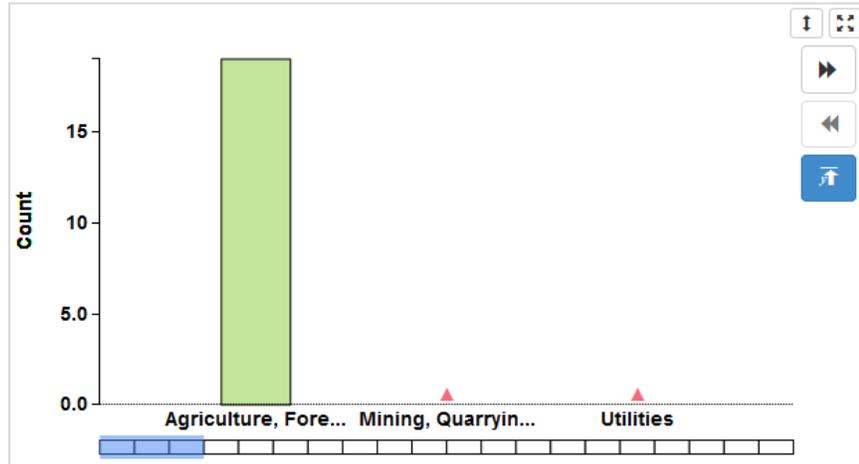
1. Starting from the above longitudinal analysis, let’s change our category of comparison from time to industry. Click the **X-Axis** dropdown and set it to “NAICS Sectors”. Click “Continue” to switch from the **Line Chart** to the **Bar Chart**. Click “Continue” once more to remove the existing “Health Care and Social Assistance” industry filter.

**X-Axis** ⚙️

NAICS Sectors ▼

[20 NAICS Sectors Selected](#)

2. We can now see all 20 NAICS Sectors in the **Bar Chart** (three sectors shown at a time) and the table. Navigate the chart by clicking the forward and backward arrows located at the top right of the chart. You can rescale the chart by visible values (rather than all values) by clicking the  icon to the right of the chart.



3. To sort the table **descending** by NAICS Sectors, click the “All” column header twice. We can see that “Administrative and Support and Waste Management and Remediation Services” has the highest separations, with “Retail Trade” and “Health Care and Social Assistance” have the next highest separations in Jackson County as of 2013 Q4.

	▼ All
Administrative and Support and Waste Management and Remediation Services	231
Retail Trade	89
Health Care and Social Assistance	68
Accommodation and Food Services	43

4. Click the **Get Data**, **Share**, or **Get Report** buttons (located underneath the **Indicator** dropdown) to export the analysis to a variety of formats.

### How do separations from Health Care and Social Assistance employment in Jackson County, Louisiana compare to other Louisiana counties?

1. Starting from the above categorical analysis, let’s change our category of comparison from industry to sub-state geography. Click the **X-Axis** dropdown and set it to “Counties”. Click “Continue” to remove the existing “Jackson” county filter.

**X-Axis** 

Counties 

[64 Counties Selected](#)

2. The “Health Care and Social Assistance” industry filter must be reset. In the **Filters/Aggregations** section, click the blue “None” link next to **Industries** to open up the Filter popup window. In the list of NAICS Sectors, click the checkbox next to “62 Health Care and Social Assistance” and click “OK”.

62 Health Care and Social Assistance

3. To see Louisiana counties' separation counts thematically mapped, click the **Show Map** button (located to the left of the **X-Axis** dropdown). Use your mouse to hover over counties in the map or click cells in the table to see the location of each county within Louisiana.



4. By looking at the **Thematic Map**, we can see that Jackson County has a lower count of "Health Care and Social Assistance" separations than any of its' surrounding counties.



5. Click the **Get Data**, **Share**, or **Get Report** buttons (located underneath the **Indicator** dropdown) to export the analysis to a variety of formats.

### Further Analysis

1. Each of the above analyses can be expanded or refined depending on your objectives. Try adding new filters or a Group category to expand the number of potential comparisons in the table and chart/map.
2. More advanced QWI Explorer walkthrough scenarios are available at:  
[http://lehd.ces.census.gov/applications/help/qwi\\_explorer.html#!example\\_scenarios](http://lehd.ces.census.gov/applications/help/qwi_explorer.html#!example_scenarios)

Please send questions and comments to [CES.QWI.Feedback@census.gov](mailto:CES.QWI.Feedback@census.gov).