

Updates on QWI Dissemination

Unlocking the Powerful Labor-Force Information
of the Quarterly Workforce Indicators

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Why are QWIs Important?

- Indicators on Employment, Employment Change (Firm and Individual), and Earnings
- Detailed Firm Characteristics (geography, industry, age, size)
- Detailed Worker Demographics (sex, age, education, race, ethnicity)
- 3 Quarter lag, coverage varies by state
- Used by economic developers, urban planners, policy analysts, workforce researchers, and academics

| | 14-18 | 19-21 | 22-24 | 25-34 | 35-44 | 45-54 | 55-64 |
|---------|--------|---------|---------|---------|---------|---------|---------|
| 2013 Q1 | 50,742 | 105,120 | 147,866 | 502,907 | 479,738 | 540,837 | 377,430 |

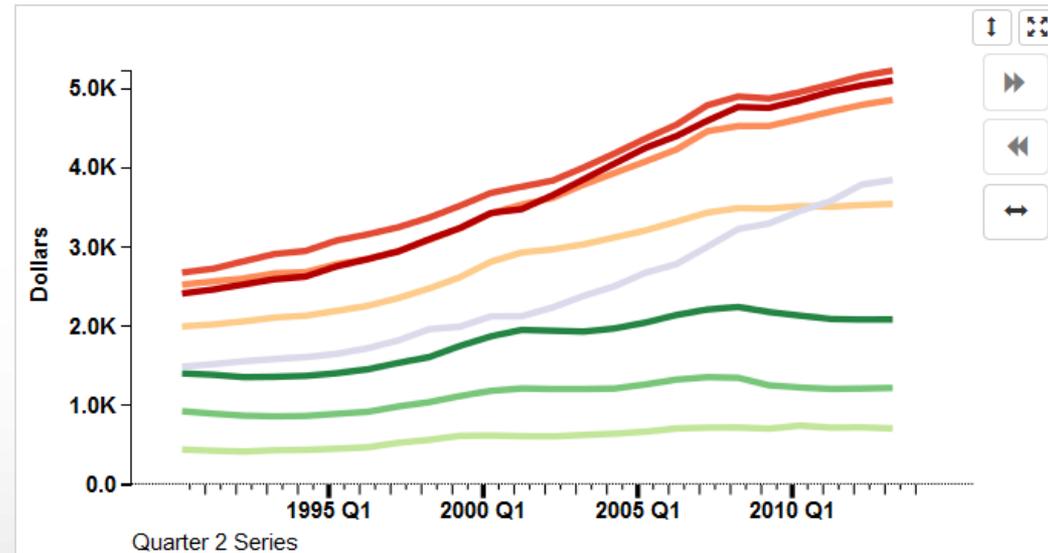
LEHD's Data Dissemination Strategy

Provide a wide variety of access points to the data to accommodate as many user needs as possible:

- Web tool users: Create your own table, chart, and map using the flexible user-interface of [QWI Explorer](#)
- Intermediate data users: Extract the exact indicators and characteristics needed using the [LED Extraction Tool](#)
- Advanced data users: Access single raw QWIPU files from <http://lehd.ces.census.gov/data/#qwi>
- Advanced data users: Bulk download of raw QWIPU from <http://lehd.ces.census.gov/pub/>
- Integration into the Census API (Coming Soon): <http://www.census.gov/data/developers/data-sets.html>

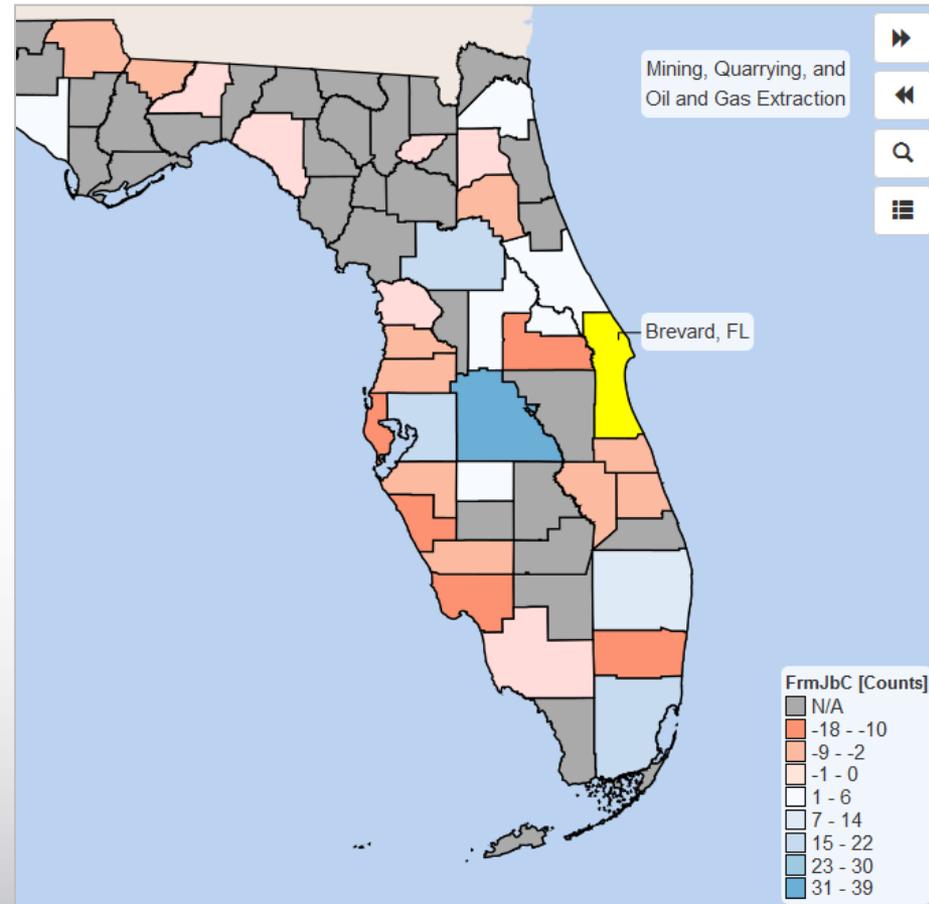
What's New In QWI Explorer?

- Line Chart Visualization
 - View Changes Over Time
 - Compare Characteristics from the Selected Group Category
 - Create Single Quarter, Continuous, or Non-Continuous Time-Series
 - Filter by Geography and/or Worker/Firm Characteristics



What's New in QWI Explorer?

- Thematic Map Visualization
 - View spatial differences across Sub-State Geographies
 - Cycle through Characteristics from the selected Group Category
 - Filter by Time and/or Worker/Firm Characteristics



What's New in QWI Explorer?

- Improved Exports
 - Table (XLS and CSV)
 - Chart/Map Images (PNG and SVG)
 - Geography (shapefiles)
 - Glossy PDF Reports



Download

Download Data

- Download Table as XLSX (includes Table, Chart, Settings, and Metadata)
- Download Table as ZIP (includes CSV, Settings, and Metadata)
- Download Raw Data as ZIP (includes CSV, Labels, and Metadata)
- Download Shapefile as ZIP (Includes SHP,SHX,DBF, and Metadata)

Download Chart/Map Image

- Download Chart/Map as SVG
- Download Chart/Map as PNG

Close Download

What's New in QWI Explorer?

- Save/Share QWI Explorer Analyses
 - Sharable URLs
 - Social Media (Facebook and Twitter)



Share Request

Share Request URL:

<http://qwiexplorer.ces.census.gov/exp-r/f431b.html?st=ND&v=line&fc=true&t=ac0&extra=>

New Tab/Window Tweet Share

Share a link with your followers

Selected ND Counties' Hiring by Year/Quarter & Industry <http://qwiexplorer.ces.census.gov/exp-r/f431b.html?st=ND&v=line&fc=true&t=ac0&extra=x%3D0%26g%3D0> #qwi #data via @uscensusbureau

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In Development: NQWI in LED Extraction Tool

LED Extraction Tool - Quarterly Workforce Indicators (QWI) LEHD Home

1. Geography | 2. Firm Characteristics | 3. Worker Characteristics | 4. Indicators | 5. Quarters | 6. Summary and Export

Geography Level ⌵

Search:

United States

Alaska
Arizona
Arkansas
California
Colorado
Connecticut
Delaware
District of Columbia
Florida
Georgia
Hawaii
Idaho
Illinois
Indiana
Iowa
Kansas

United States
53 States

Geography Type ⌵

Nation

Areas ⌵

Search:

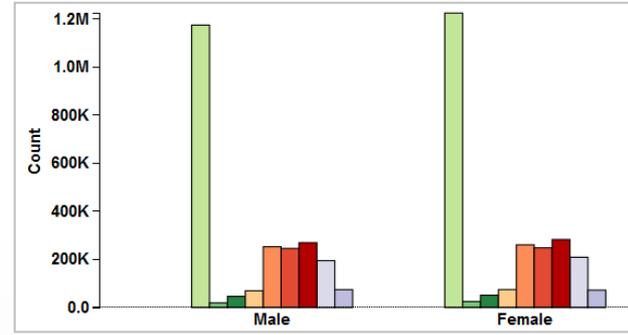
[Check All](#) | [Check None](#) | [Invert Selection](#)

- 00 National (50 States + DC)
- 01 Alabama
- 02 Alaska
- 04 Arizona
- 05 Arkansas
- 06 California
- 08 Colorado
- 09 Connecticut
- 10 Delaware
- 11 District of Columbia
- 12 Florida
- 13 Georgia
- 15 Hawaii
- 16 Idaho
- 17 Illinois
- 18 Indiana
- 19 Iowa
- 20 Kansas
- 21 Kentucky
- 22 Louisiana
- 23 Maine
- 24 Maryland
- 25 Massachusetts
- 26 Michigan
- 27 Minnesota
- 28 Mississippi
- 29 Missouri
- 30 Montana
- 31 Nebraska

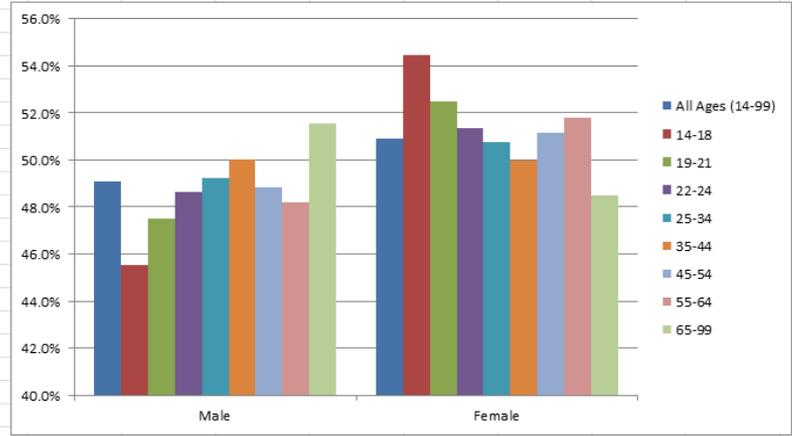
In Development: Share of Total/Data Normalization

- Normalize Totals
- Normalize Large Geographies

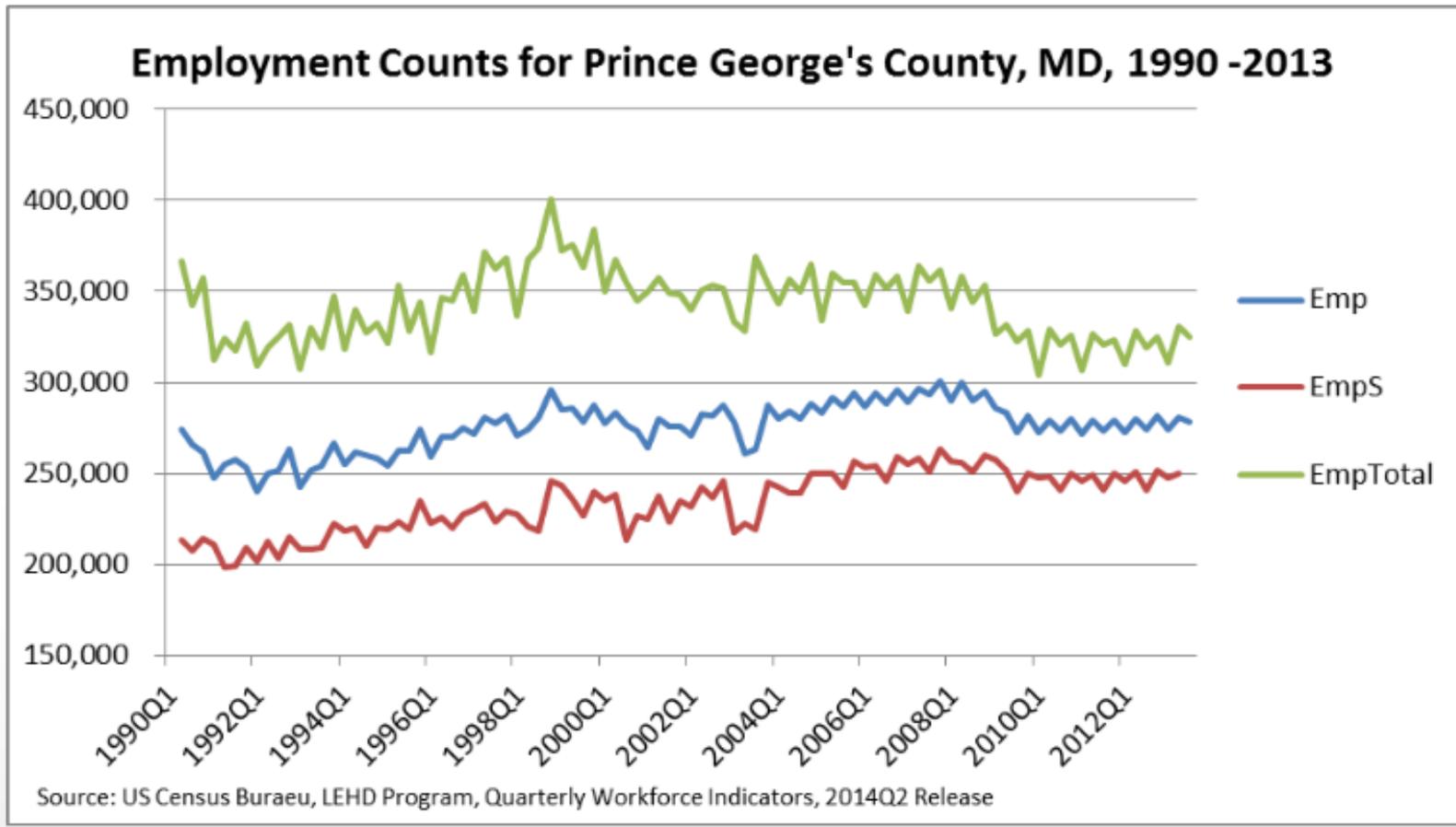
| | All Ages (14-99) | 14-18 | 19-21 | 22-24 | 25-34 | 35-44 | 45-54 |
|--------|------------------|--------|--------|--------|---------|---------|---------|
| Male | 1,174,448 | 19,438 | 46,555 | 69,809 | 252,943 | 246,125 | 269,691 |
| Female | 1,224,531 | 25,070 | 51,270 | 74,793 | 260,775 | 248,380 | 282,768 |



| | All Ages (14-99) | 14-18 | 19-21 | 22-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-99 |
|--------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Male | 49.1% | 45.5% | 47.5% | 48.6% | 49.2% | 50.0% | 48.9% | 48.2% | 51.5% |
| Female | 50.9% | 54.5% | 52.5% | 51.4% | 50.8% | 50.0% | 51.1% | 51.8% | 48.5% |



In Development: Group by Indicator



In Development: Cross-State Analyses

- In both QWI Explorer and the LED Extraction Tool
- Initially restricted to State-level data
- Will eventually be opened up for cross-state comparisons of sub-state geographies

Tentative Release Schedule

8/2015 – National QWIs in LED Extraction Tool

12/2015 – National QWIs, Group by Indicator, and Data Normalization in QWI Explorer

2016 – Sub-State Analyses Across States in LED Extraction Tool and QWI Explorer

Thank You!

- Questions? Patrick.Hayward@census.gov
- Please submit feedback to CES.QWI.Feedback@census.gov