Local Employment Dynamics (LED)
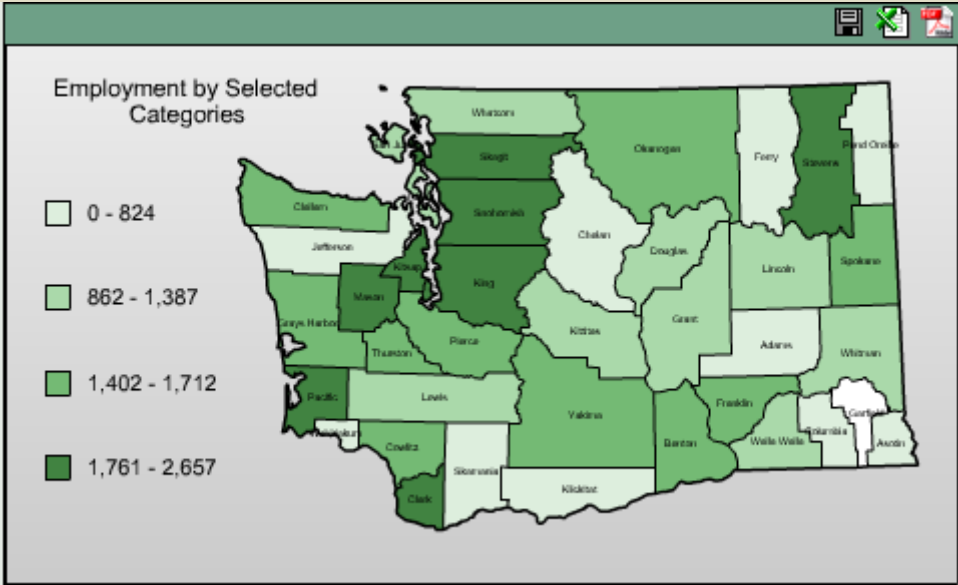
General Overview

The LED Dashboard provides a visual display of local employment characteristics to workforce partners in order to increase access and understanding of the labor market.
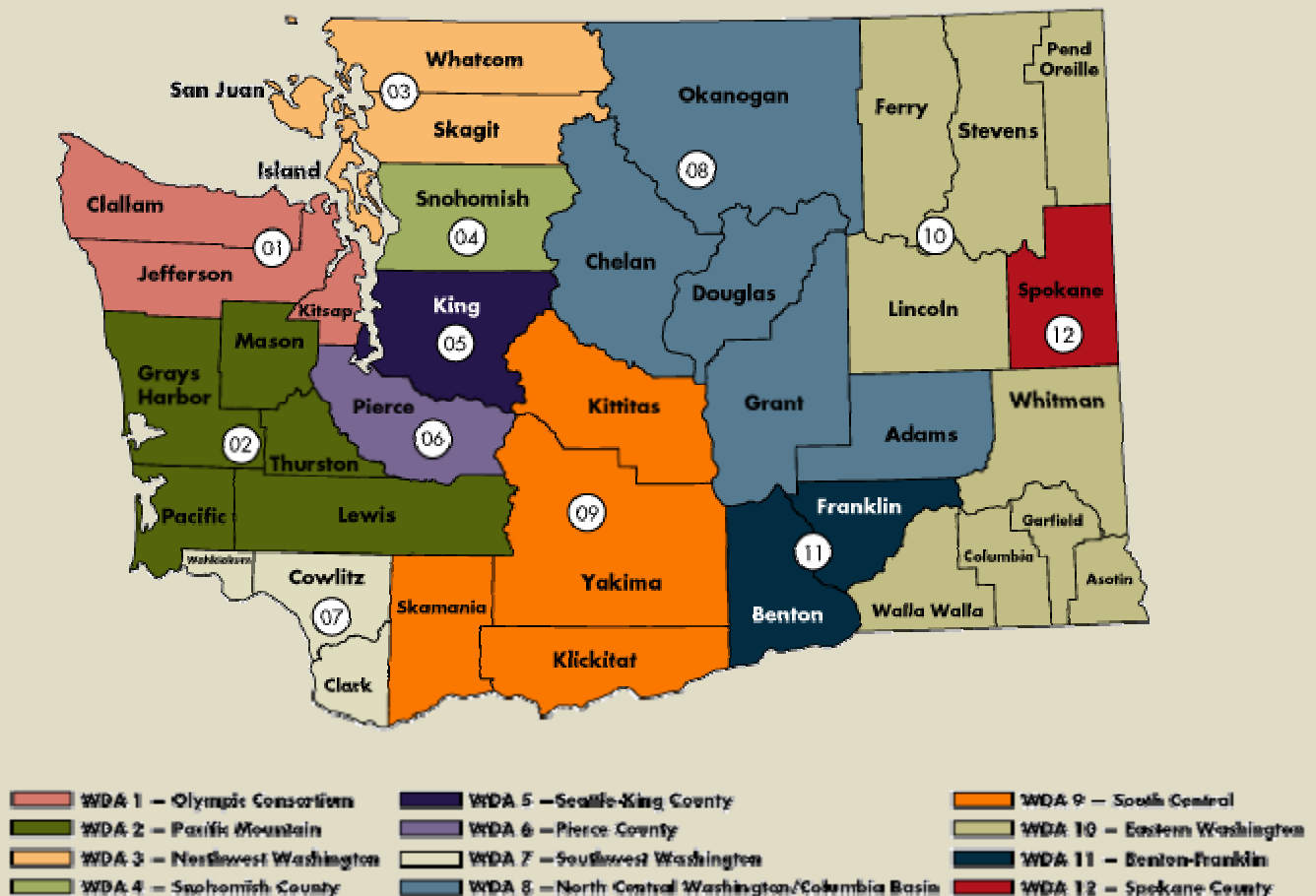
It can answer questions like:

- **Which industries should I target for my youth employment program?**

- **What industries are going to be affected most as the population continues to age?**

- **Which industries would I expect to have the most separations next quarter?**

- **In which industries are women's wages highest?**

General Overview

In Washington State there are 12 workforce development areas and 39 counties.

The LED Dashboard can display and compare a data for the quarterly workforce indicators in all of these areas.

WASHINGTON STATE WORKFORCE DEVELOPMENT AREAS

WDA 1 — Olympic Consortium	WDA 5 — Seattle-King County	WDA 9 — South Central
WDA 2 — Pacific Mountain	WDA 6 — Pierce County	WDA 10 — Eastern Washington
WDA 3 — Northwest Washington	WDA 7 — Southwest Washington	WDA 11 — Benton-Franklin
WDA 4 — Snohomish County	WDA 8 — North Central Washington/Columbia Basin	WDA 12 — Spokane County

General Overview

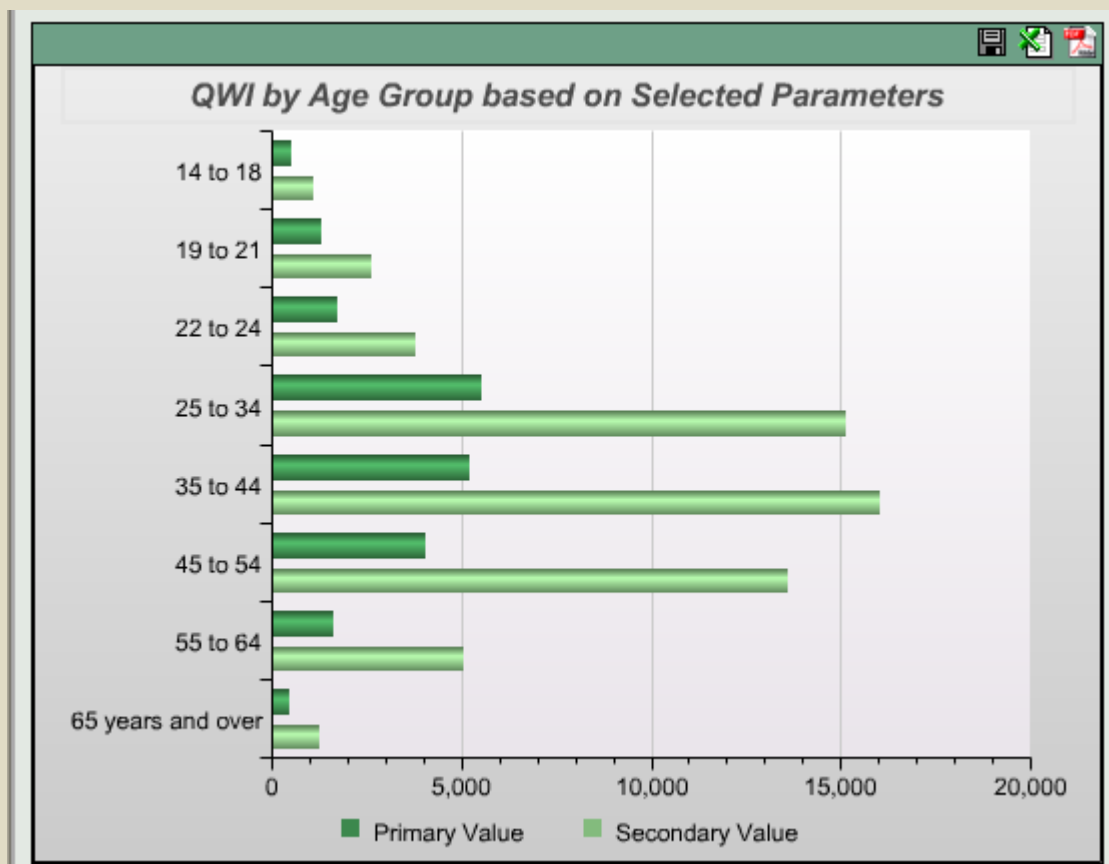**Users can view and compare their area against other areas.**

The tools allows you to choose from six employment indicators.

- **Total Employment**
- **New Hires**
- **Job Creations**
- **Separations**
- **Average Earnings for Full-Quarter Employment**
- **Average Earnings for New Hires**

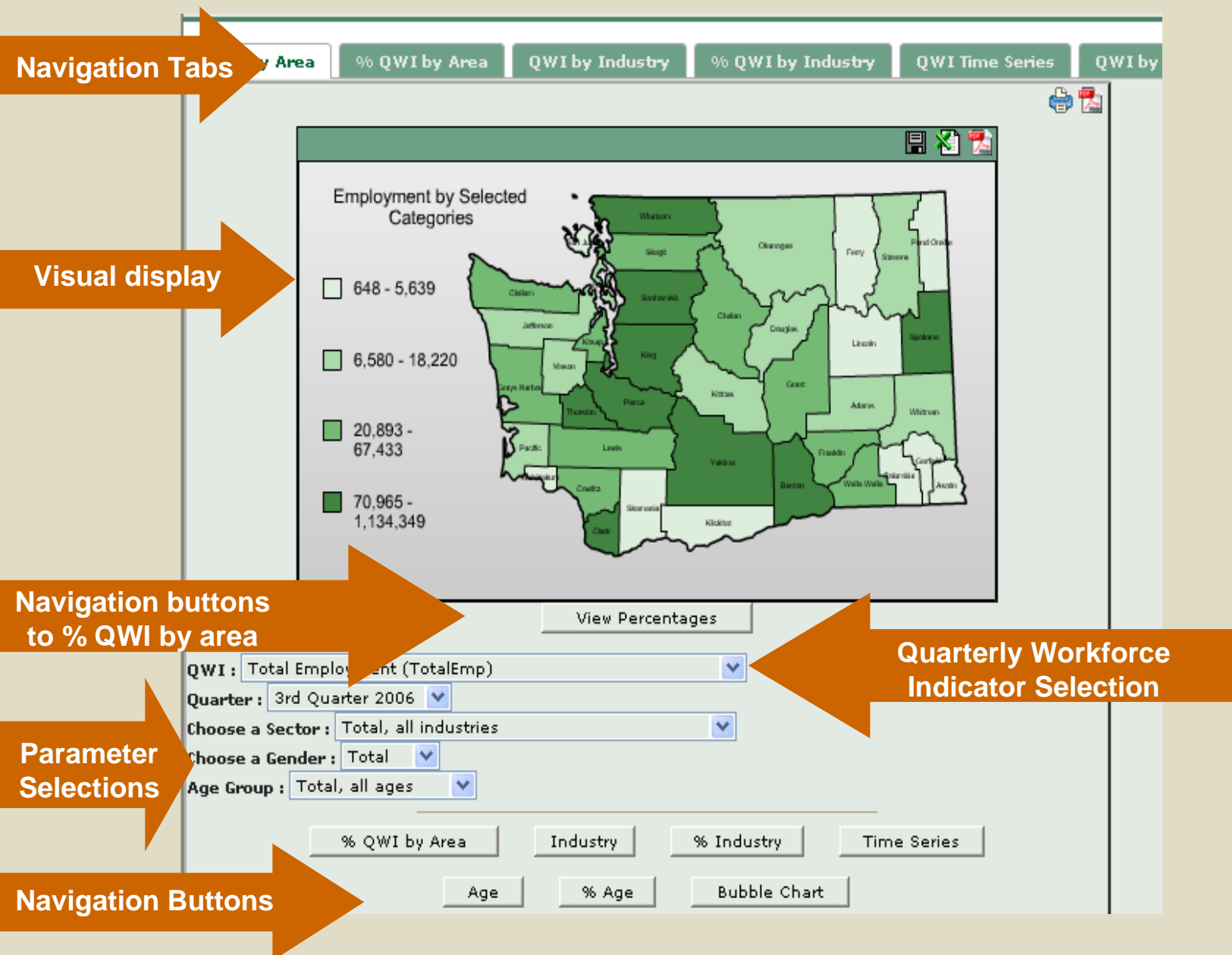**Shows selected indicator by industry sector and age.**

General Overview

- **Create custom charts with two variables**

- **ADA compliant**

- **Download data easily**

QWI by Age Group based on Selected Parameters

General Overview

Dashboard Components

Navigation Tabs

| y Area | % QWI by Area | QWI by Industry | % QWI by Industry | QWI Time Series | QWI by |

Visual display

Employment by Selected Categories

☐ 648 - 5,639

☐ 6,580 - 18,220

☐ 20,893 - 67,433

☐ 70,965 - 1,134,349

Navigation buttons to % QWI by area

View Percentages

Quarterly Workforce Indicator Selection

QWI : Total Employment (TotalEmp)

Quarter : 3rd Quarter 2006

Choose a Sector : Total, all industries

Choose a Gender : Total

Age Group : Total, all ages

Parameter Selections

| % QWI by Area | Industry | % Industry | Time Series |

| Age | % Age | Bubble Chart |

Navigation Buttons

Features

Implements mapping, graphing and comparison of data on multiple parameters using the following Quarterly Workforce Indicators (QWIs):

- ▶ **Total Employment**
- ▶ **New Hires**
- ▶ **Job Creations**
- ▶ **Separations**
- ▶ **Average Earnings for Full-Quarter Employees**
- ▶ **Average Earnings for Full-Quarter New Hires**
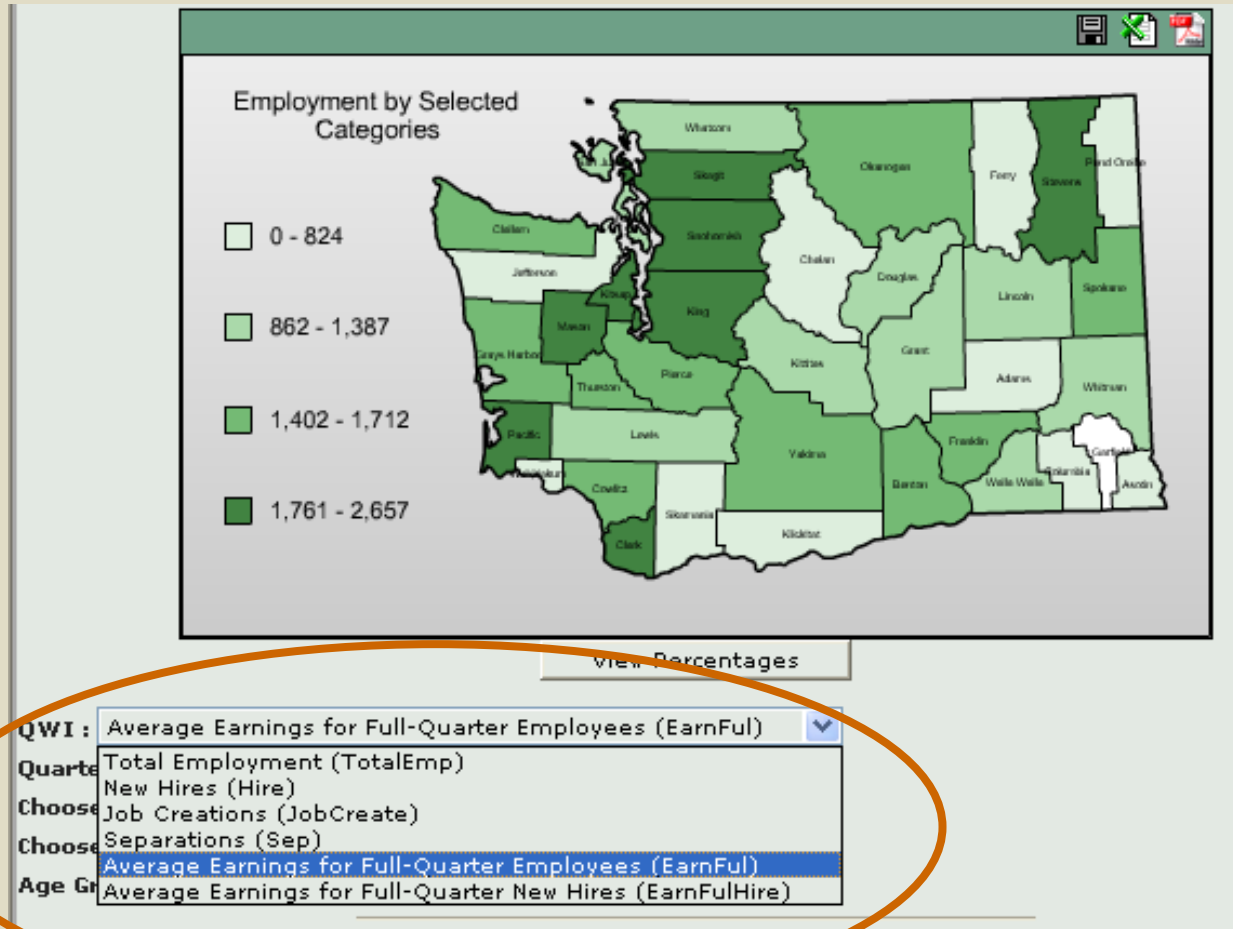
Parameters:

- **County**
- **NAICs Sector**
- **Quarterly Time Period**
- **Age**
- **Gender**
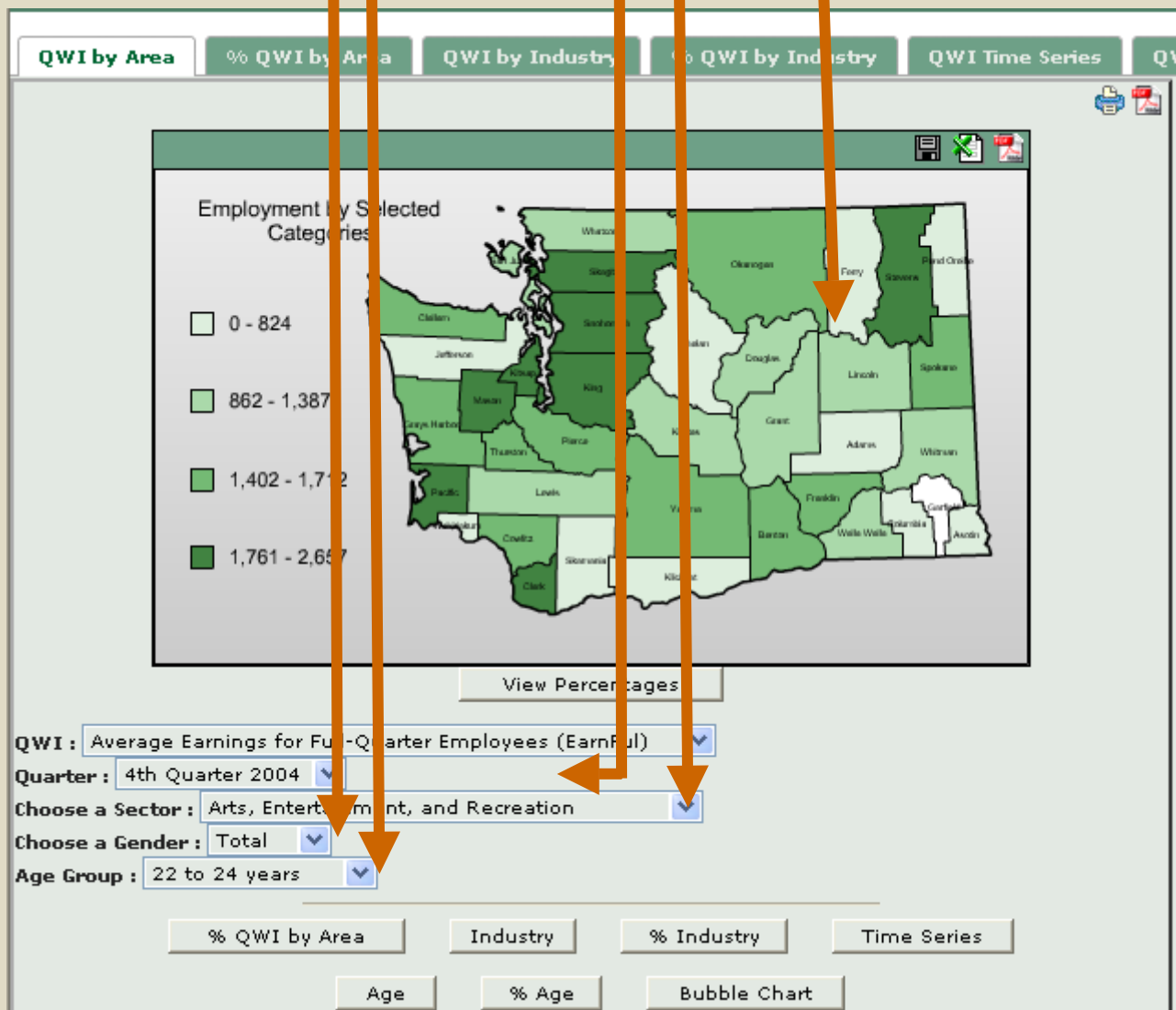
Dashboard Features

◗ **Graphs, tables, or entire pages can be downloaded to either a pdf or excel format.**
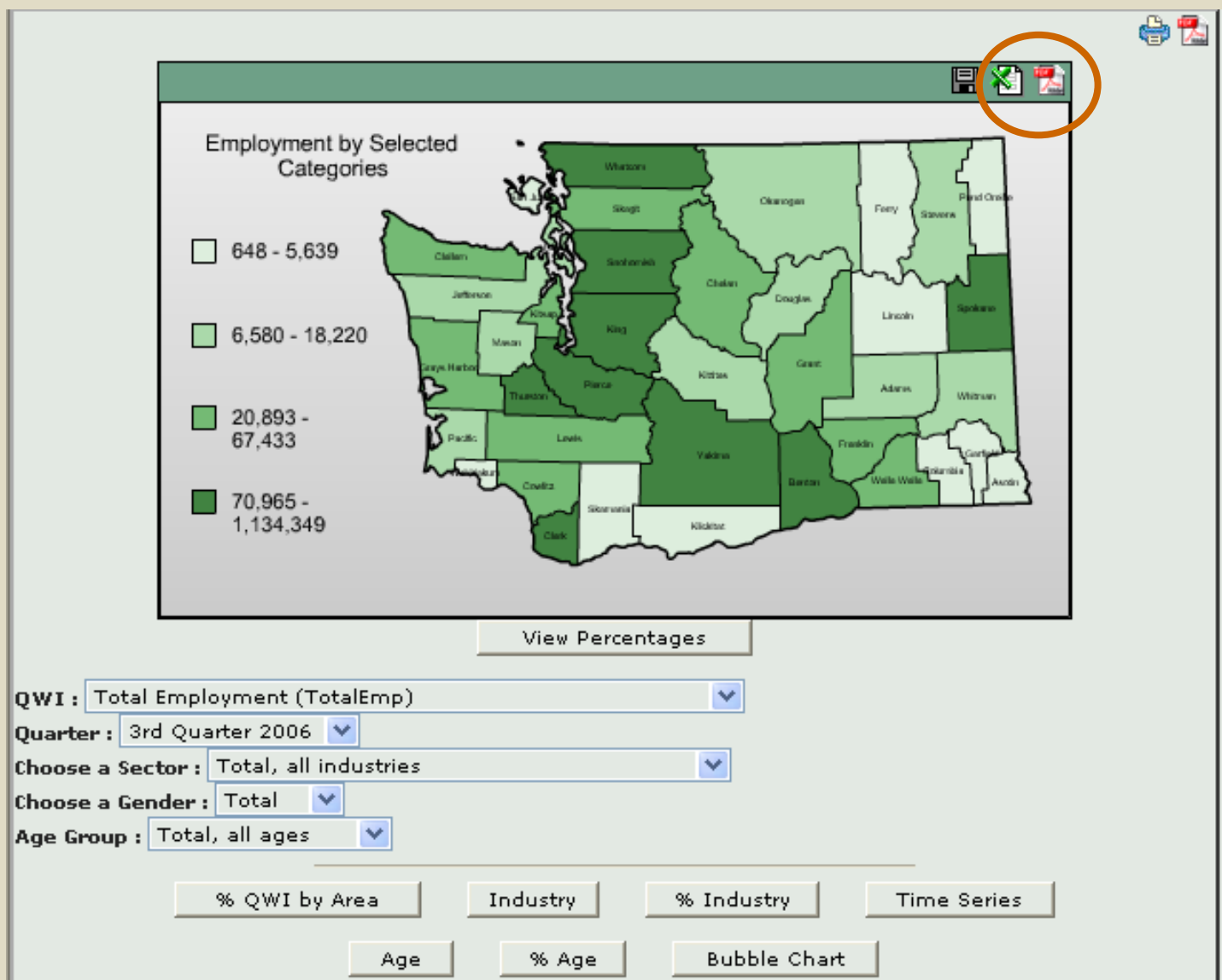
Dashboard Features

◗ **When you place your mouse over a graph or map will display the values used in the image.**

Dashboard Features

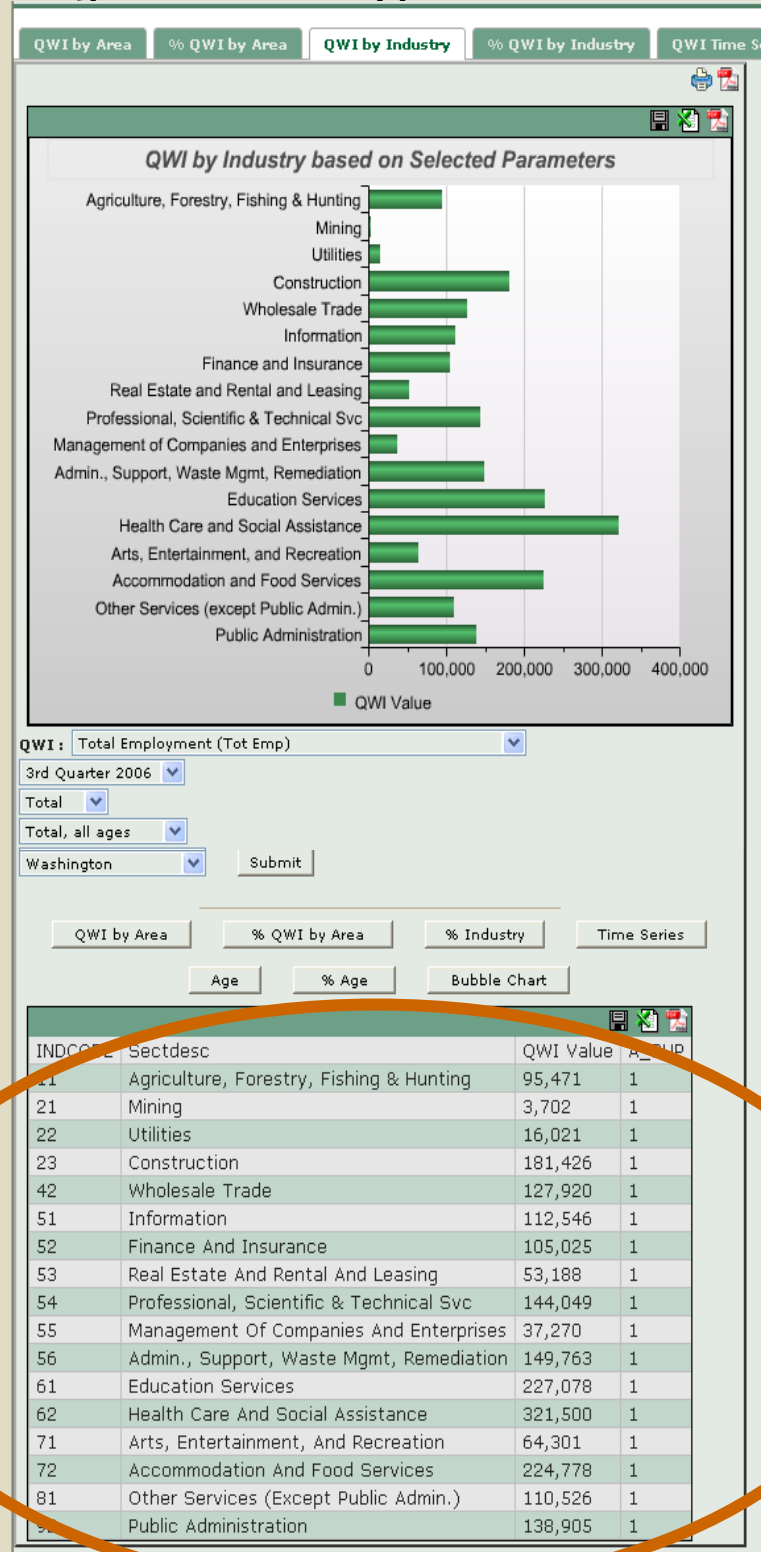◗ **When you place your mouse over a graph or map will display the values used in the image.**

QWI by Age Group based on Selected Parameters

25 to 34 : 612,867
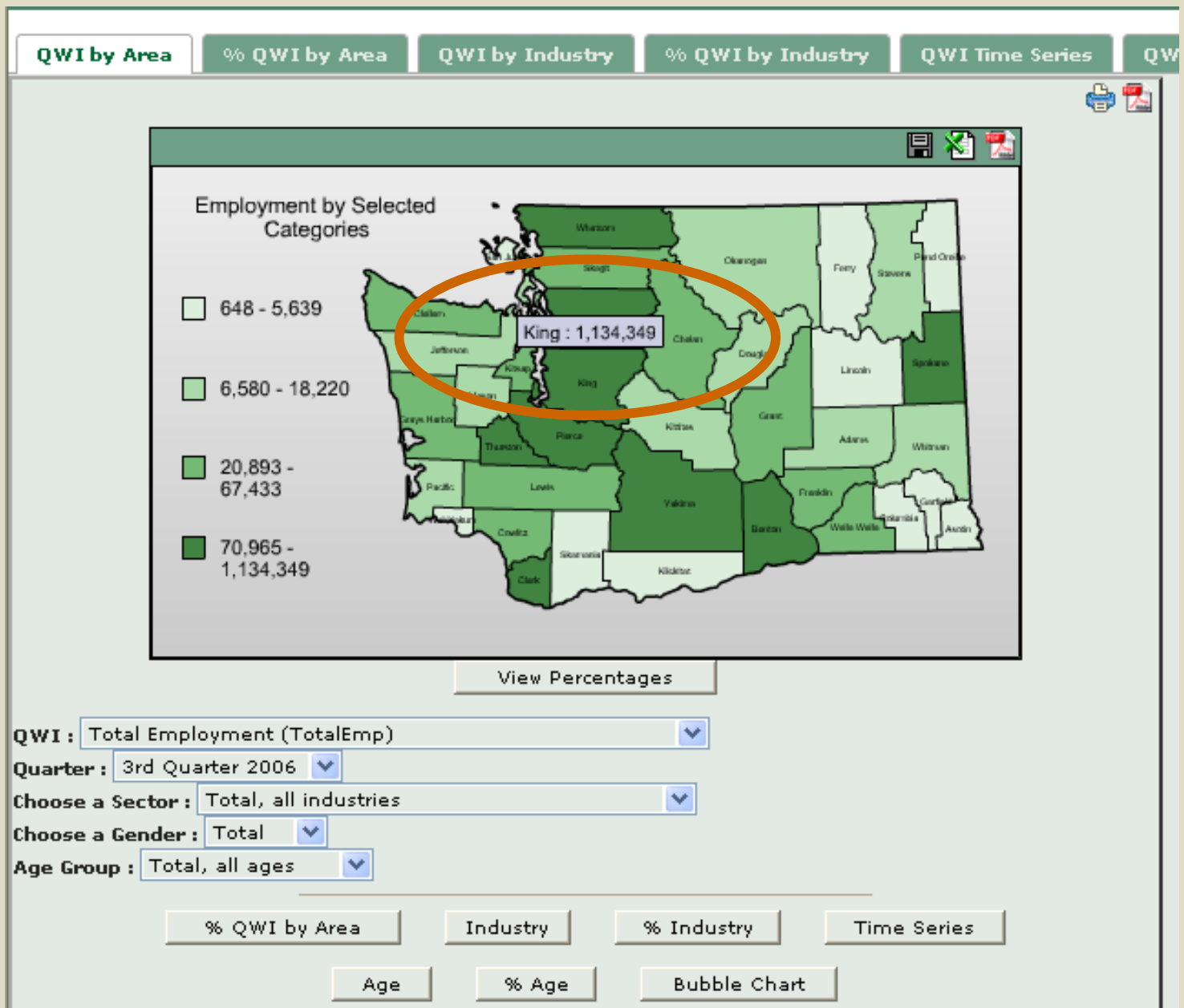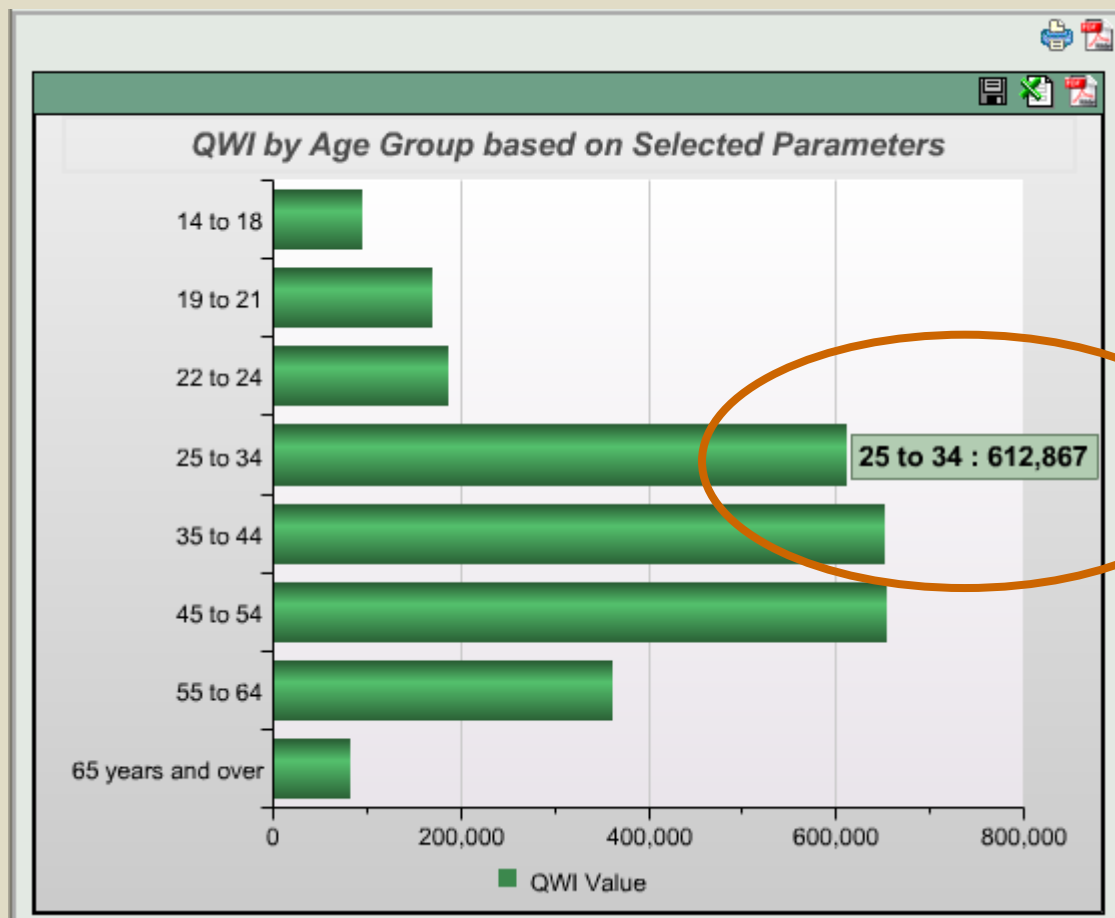
Dashboard Features

▶ **Tables supporting each data set appear at the bottom of each page.**

Dashboard Features
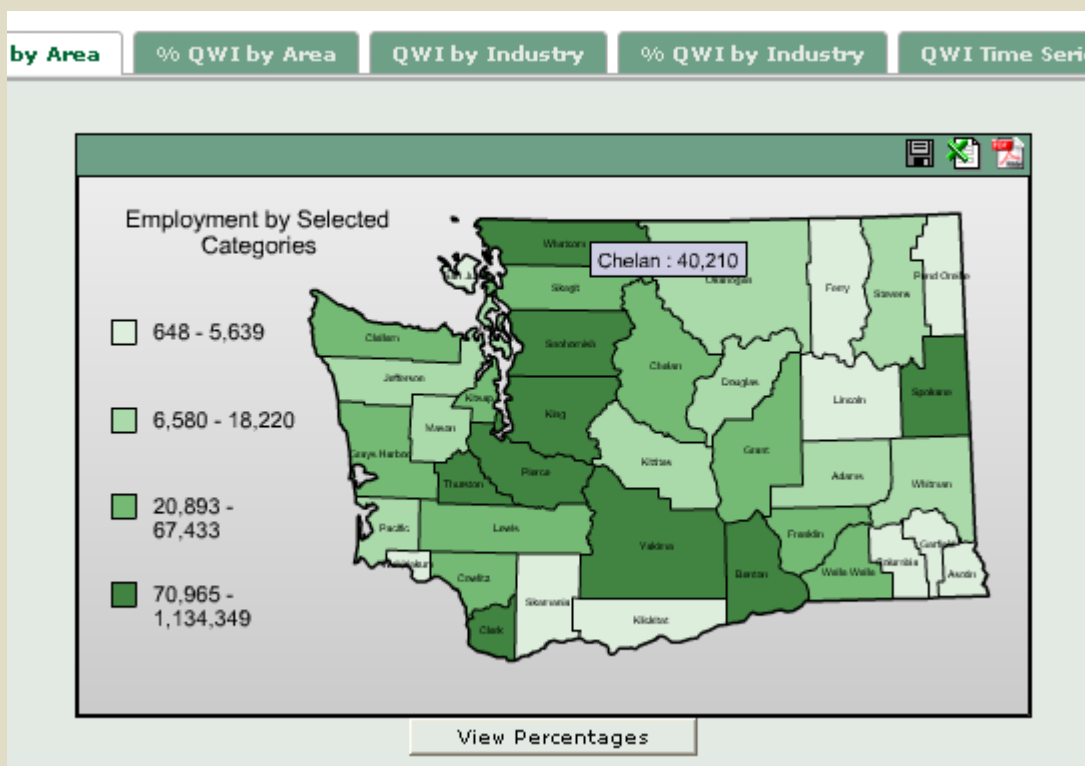
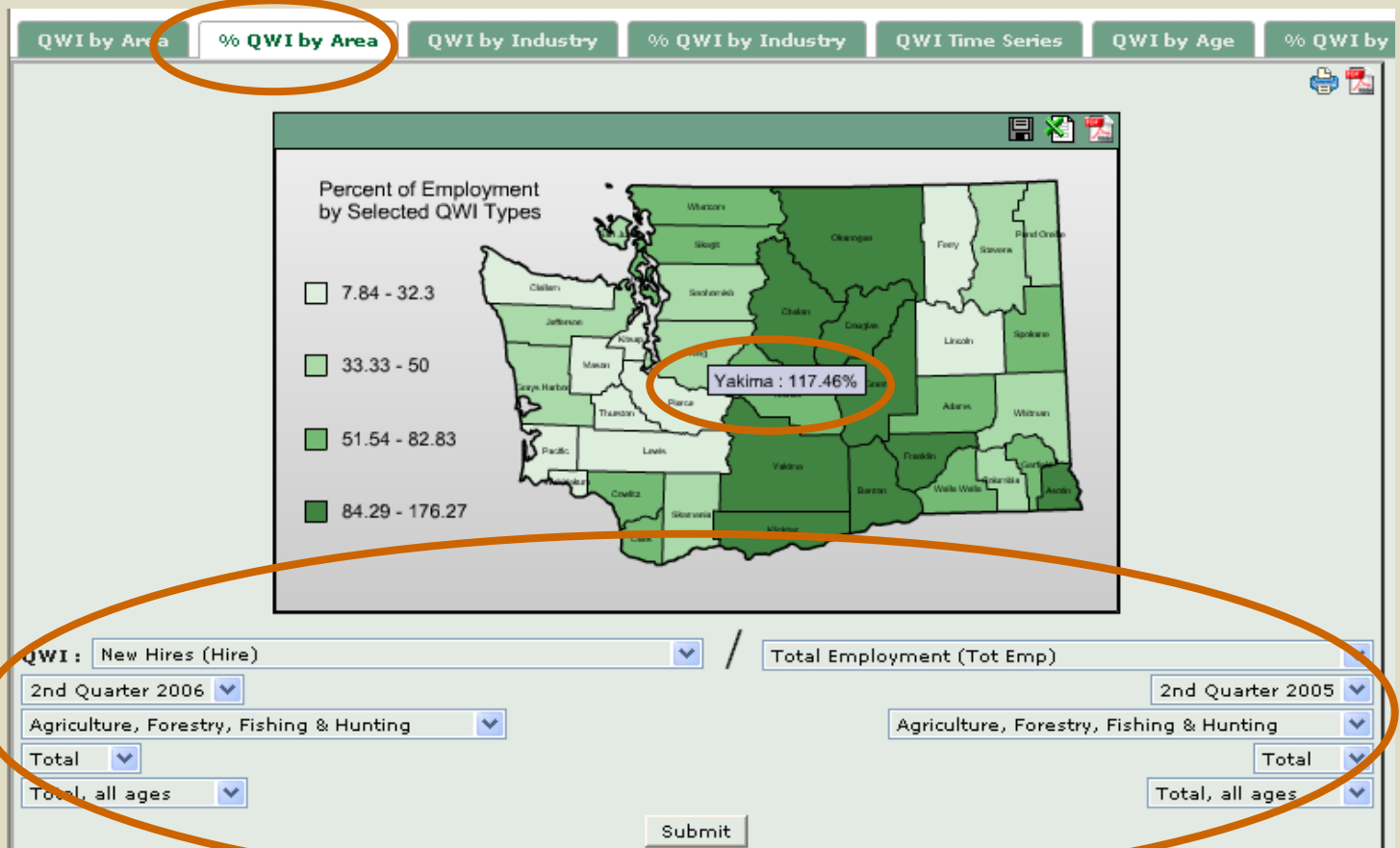The dashboard consists of the following pages:

▶ **QWI by Area**

Dashboard Features

The dashboard consists of the following pages:

▶ **QWI by Area**
▶ **% QWI by Area**

Dashboard Features

The dashboard consists of the following pages:

▶ **QWI by Area**
▶ **% QWI by Area**
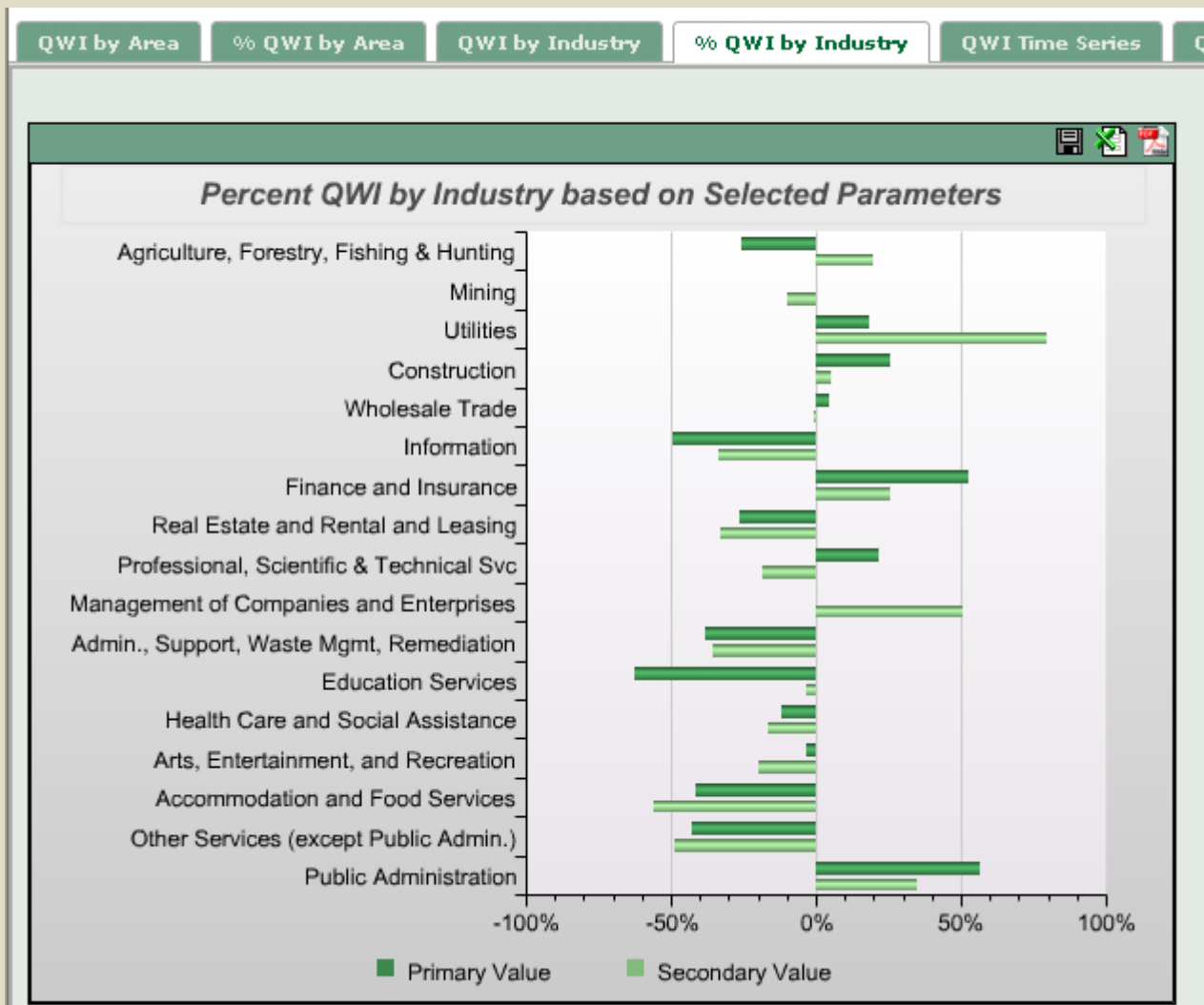▶ **QWI by Industry**
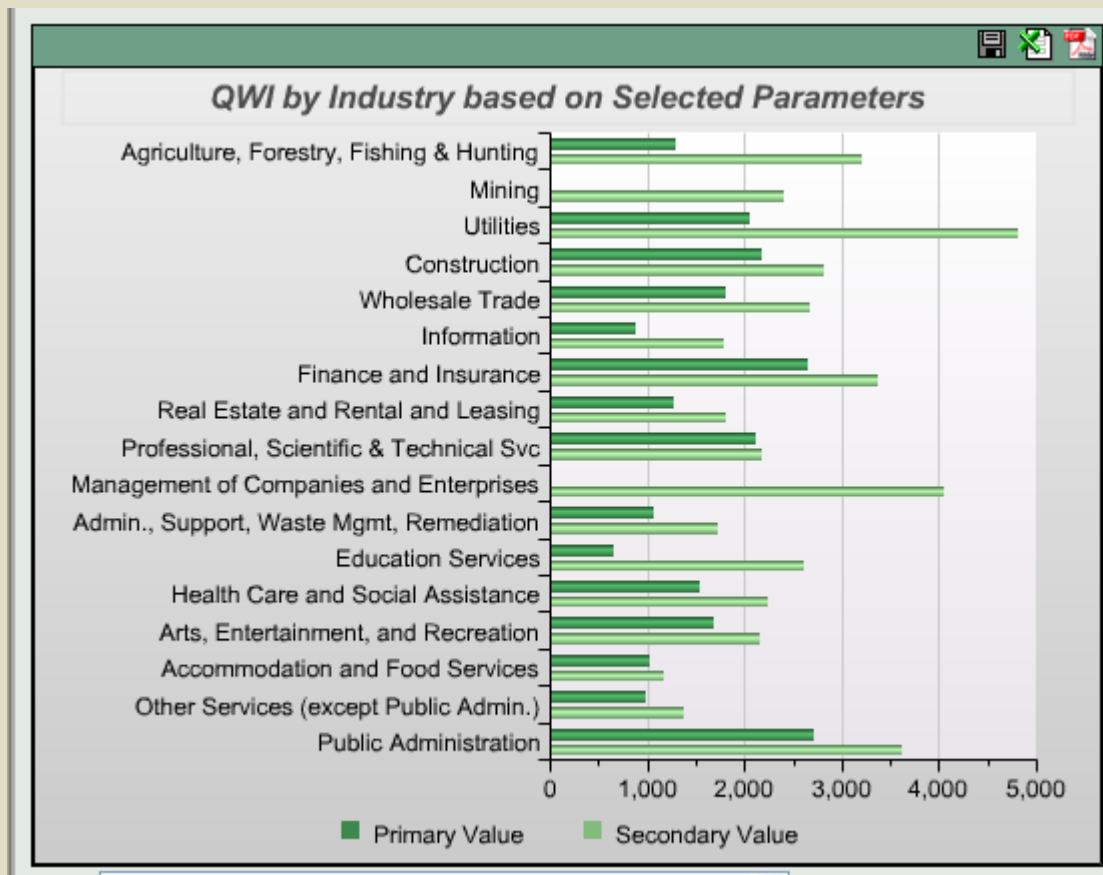
Example: The numbers above compare:

• Average Earnings for **New Hires** in Mason County 1st Quarter 2006 (primary value) to

• Average Earnings for **Full-Quarter Employees** for the same county and time period (Secondary Values).

Dashboard Features

The dashboard consists of the following pages:

◗ **QWI by Area**
◗ **% QWI by Area**
◗ **QWI by Industry**
◗ **% QWI by Industry**

Example: Same as above but compares the earnings are displayed as the Percent difference from the Total average for the two groups (new hires and full quarter employees.)
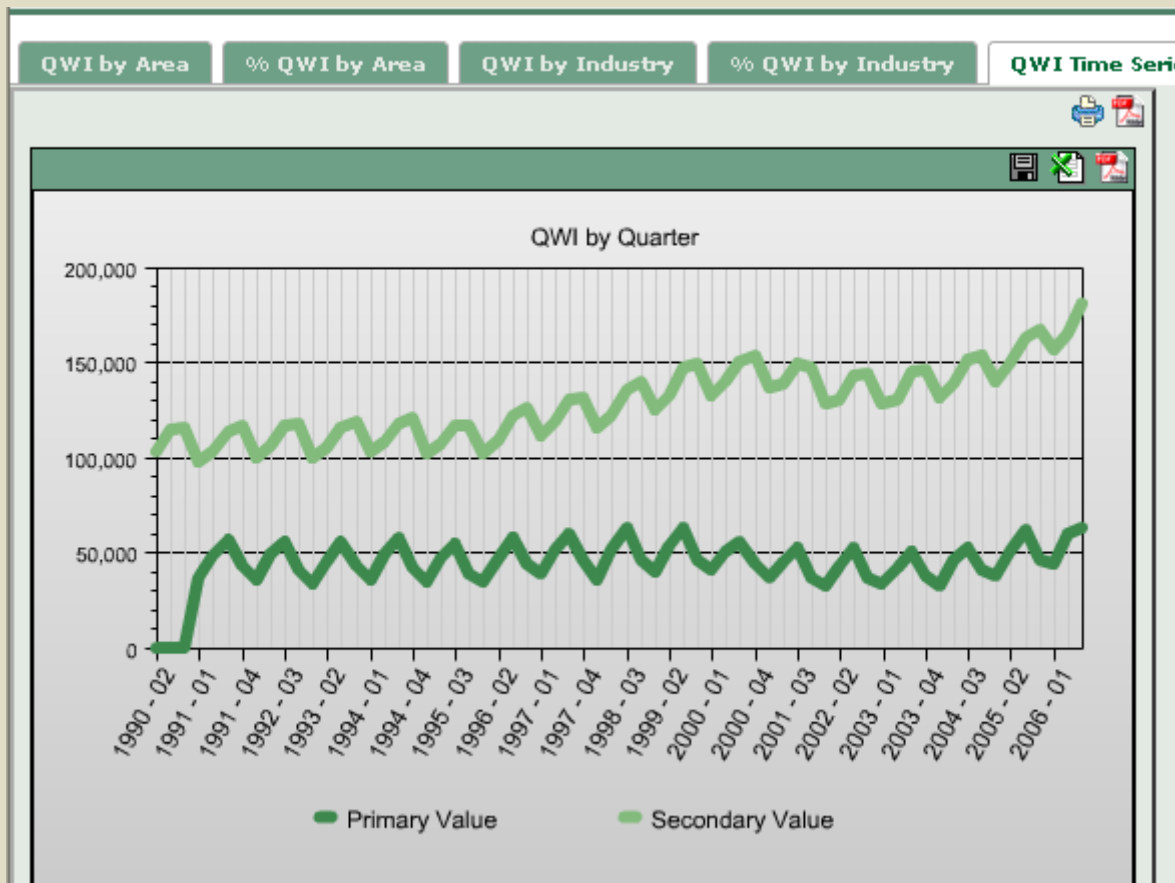
Dashboard Features

The dashboard consists of the following pages:

- **QWI by Area**
- **% QWI by Area**
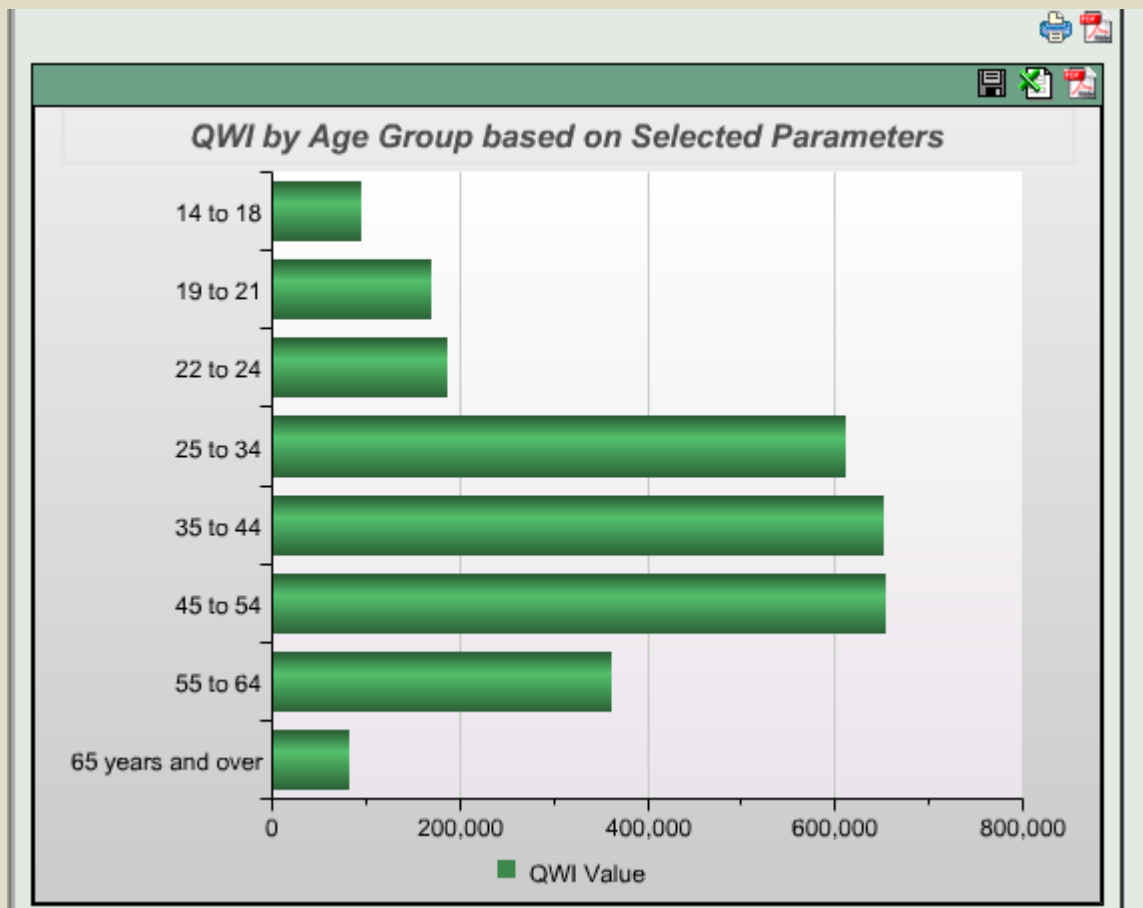- **QWI by Industry**
- **% QWI by Industry**
- **Time Series**

Dashboard Features

The dashboard consists of the following pages:

- **Quarterly Workforce Indicators (QWI) by Area**
- % Quarterly Workforce Indicators (QWI) **by Area**
- Quarterly Workforce Indicators (QWI) **by Industry**
- % Quarterly Workforce Indicators (QWI) **by Industry**
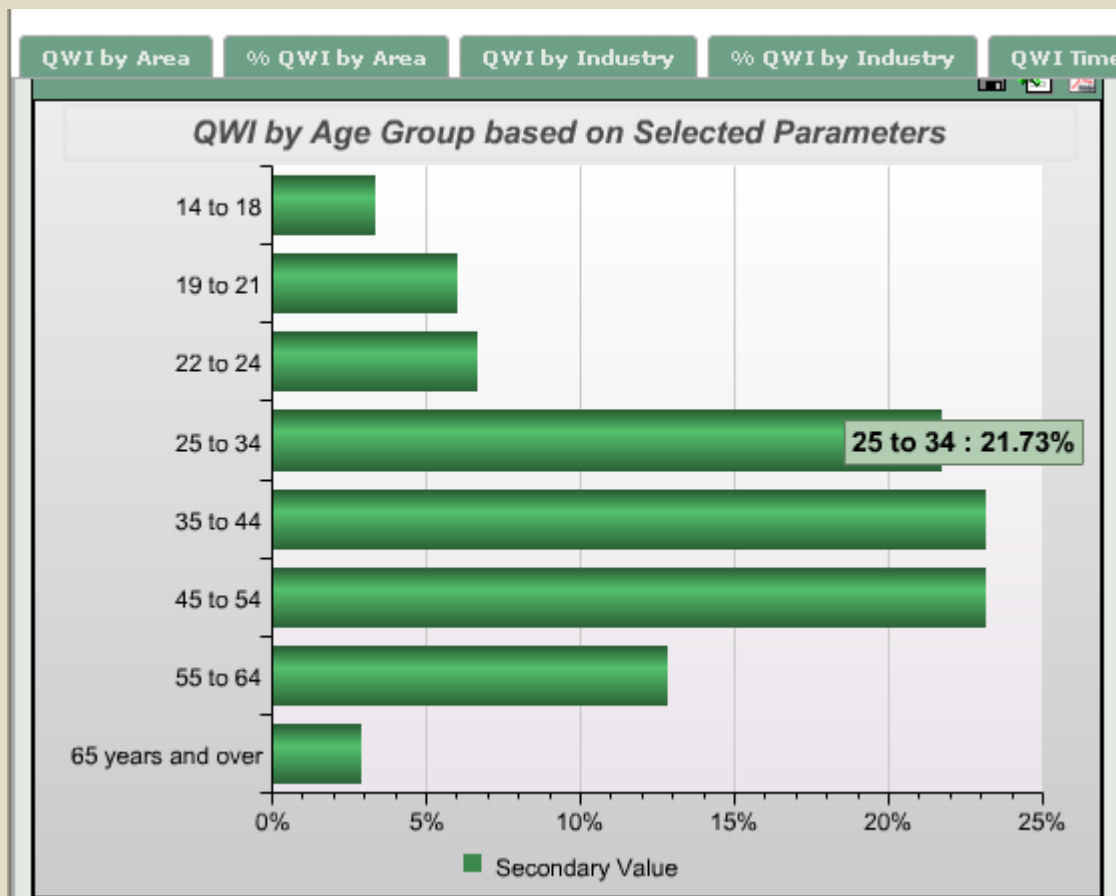- **Time Series**
- Quarterly Workforce Indicators (QWI) **by Age**

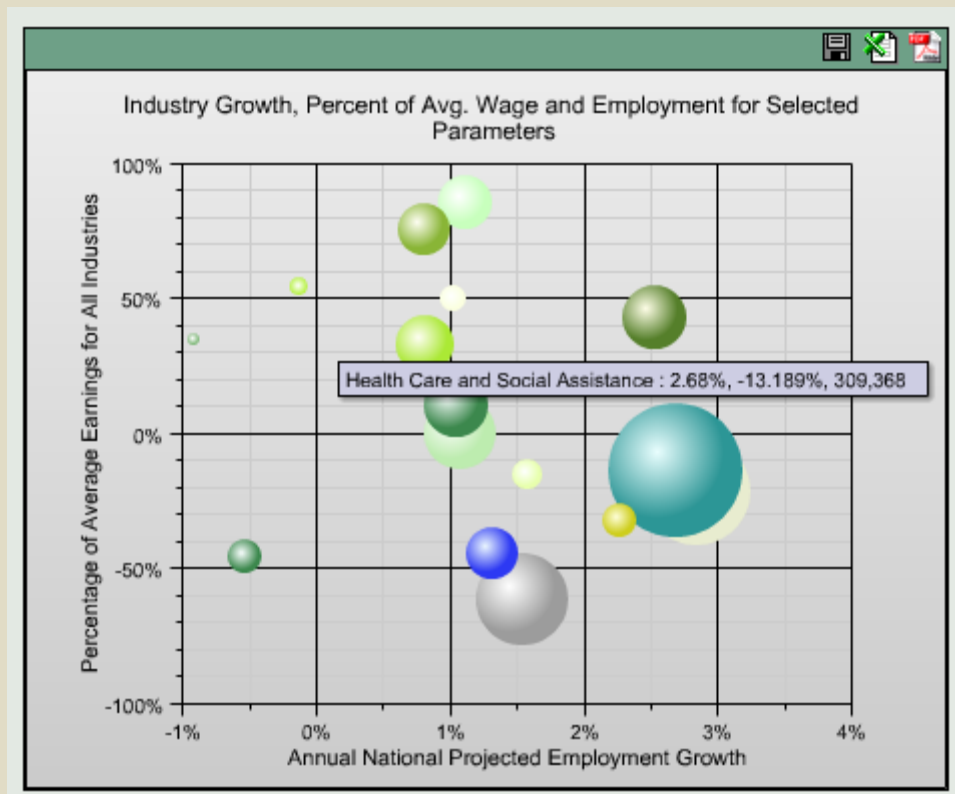## Dashboard Features

The dashboard consists of the following pages:

▶ **Quarterly Workforce Indicators (QWI) by Area**
▶ **%** Quarterly Workforce Indicators (QWI) **by Area**
▶ Quarterly Workforce Indicators (QWI) **by Industry**
▶ **%** Quarterly Workforce Indicators (QWI) **by Industry**
▶ **Time Series**
▶ Quarterly Workforce Indicators (QWI) **by Age**
▶ **%** Quarterly Workforce Indicators (QWI) by Age

Dashboard Features

The dashboard consists of the following pages:

- ▶ **Quarterly Workforce Indicators (QWI) by Area**
- ▶ **% Quarterly Workforce Indicators (QWI) by Area**
- ▶ Quarterly Workforce Indicators (QWI) **by Industry**
- ▶ **% Quarterly Workforce Indicators (QWI) by Industry**
- ▶ **Time Series**
- ▶ Quarterly Workforce Indicators (QWI) **by Age**
- ▶ **% Quarterly Workforce Indicators (QWI) by Age**
- ▶ Bubble Charts

Local Employment Dynamics

Link to online tool:

http://216.210.156.138:8080/corda/dashboards/LED/main.dashxml