Local Employment Dynamics

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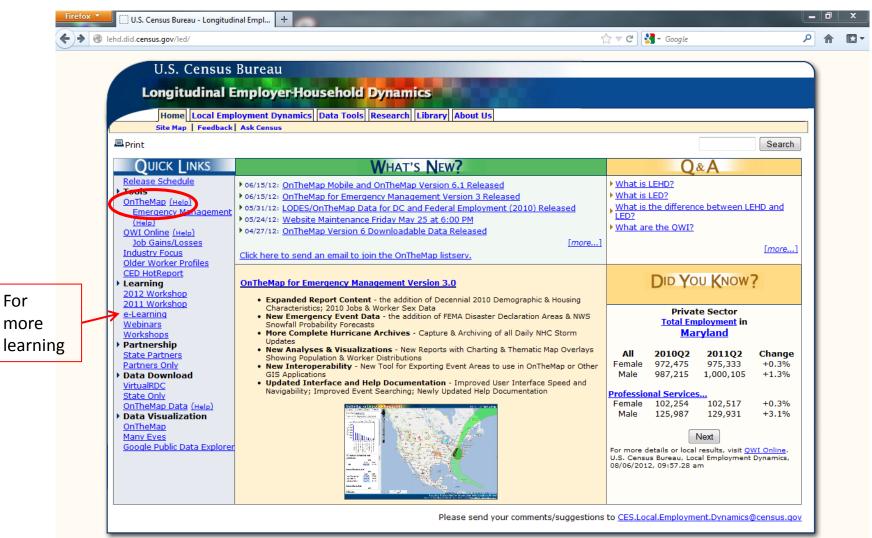
Today's Activities

- Description of Local Employment Dynamics
- Review of two major data tools
 - OnTheMap
 - QWI Online
- Hands on exercises

Description of Local Employment Dynamics

http://lehd.did.census.gov/led/

Local Employment Dynamics--OnTheMap



For

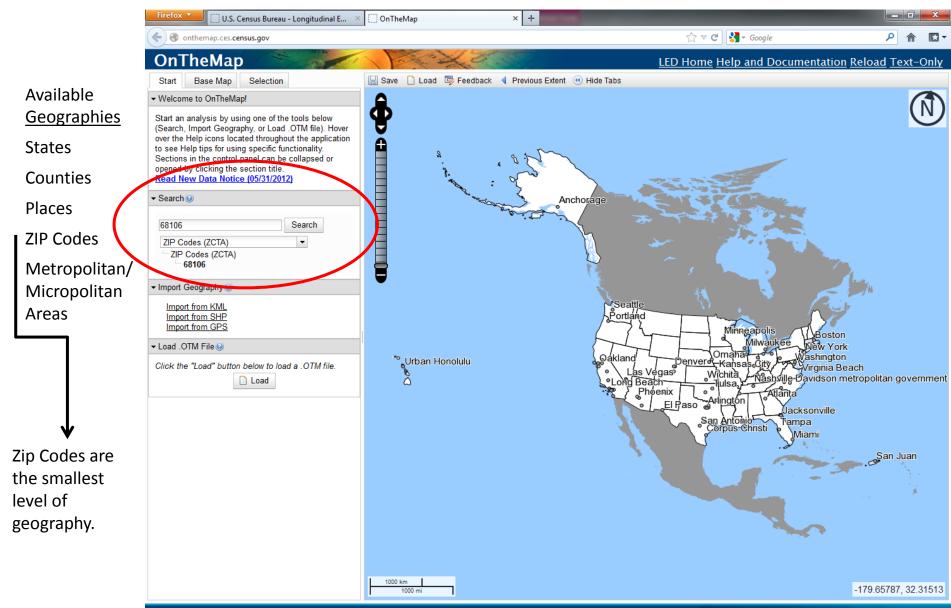
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Source: U.S. Census Bureau, Center for Economic Studies | Contact Us | Last Revised: September 13, 2011

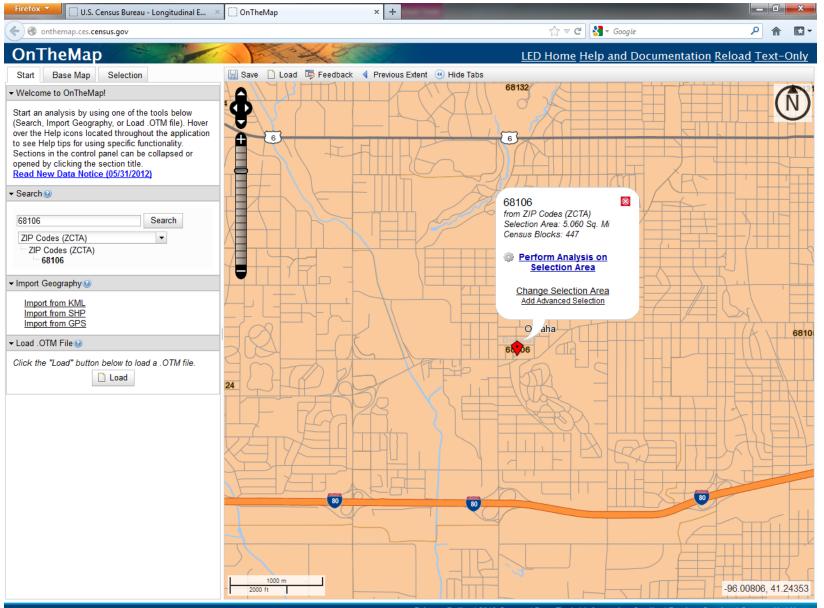
OnTheMap (Help)

- OnTheMap Version 6 is the sixth generation of OnTheMap, a web-based mapping and reporting application that shows where workers are employed and where they live. It also provides companion reports on age, earnings, industry distributions, race, ethnicity, educational attainment, and sex. See An Overview on the LEHD Origin-Destination Employment Statistics (LODES) [PDF, 132KB] for more information on the available data in OnTheMap.
- Race, Ethnicity, Educational Attainment, and Sex variables are made available in OnTheMap through a Beta release of data.
- OnTheMap provides an easy-to-use interface for creating, viewing, printing and downloading
 workforce related maps, profiles, and underlying data. Based on 2002-2010 LEHD Origin
 Destination Employment Statistics (LODES), OnTheMap is a unique resource for mapping the travel
 patterns of workers and identifying small-area workforce characteristics. Download a one page
 document about OnTheMap [PDF, 75KB] for more information.
- The project is supported by the Employment and Training Administration (ETA) at the U.S. Department of Labor.

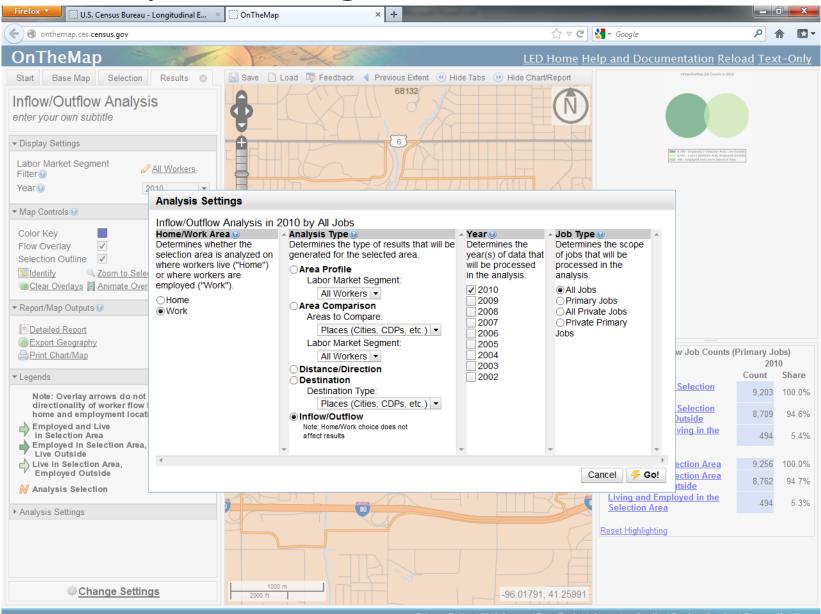
Selecting Geography



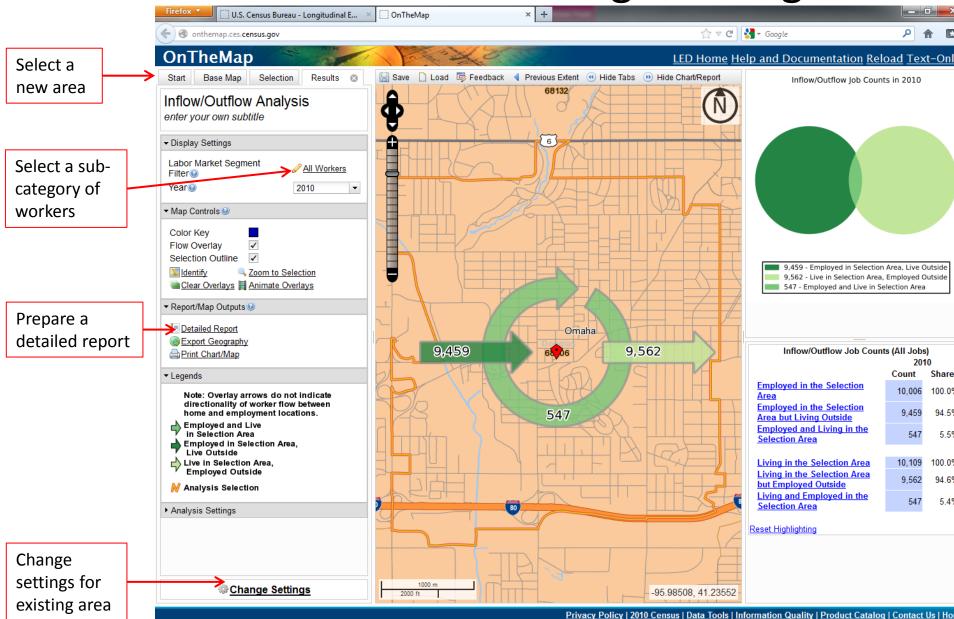
Perform Analysis



Analysis Settings—Inflow/Outflow

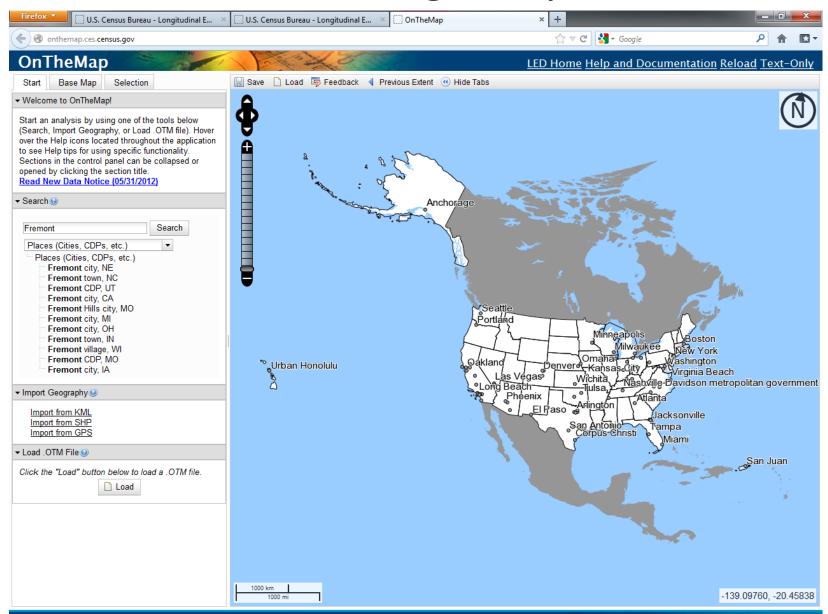


Review Results and Change Settings

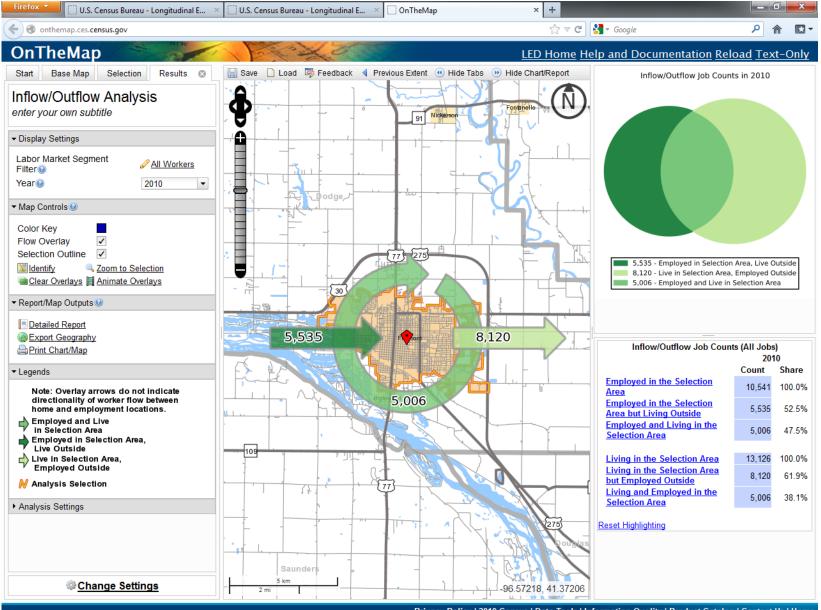


Source: U.S.Census Bureau, Center for Economic Studies | e-mail: CES.OnTheMap.Feedback@census.c

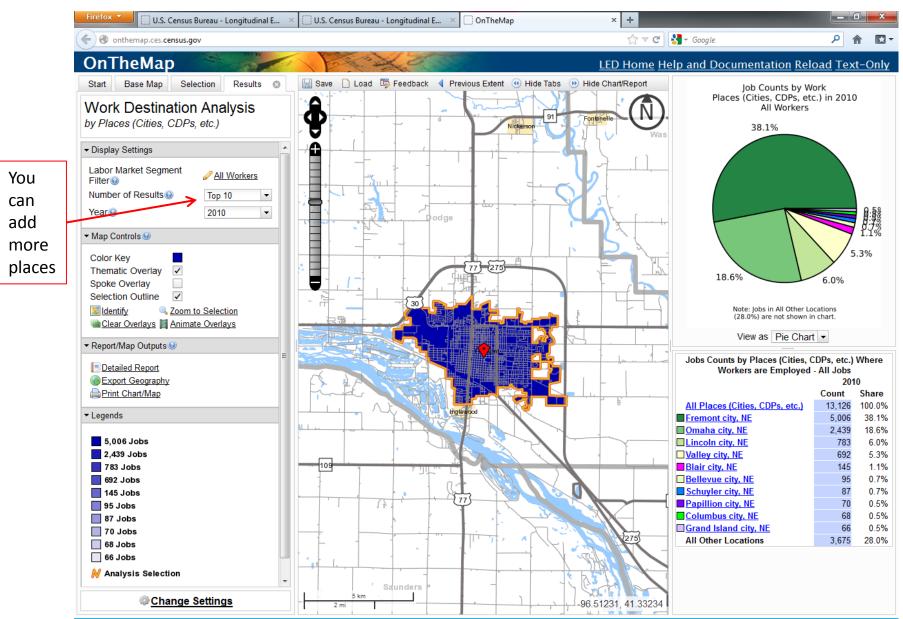
Selecting a City



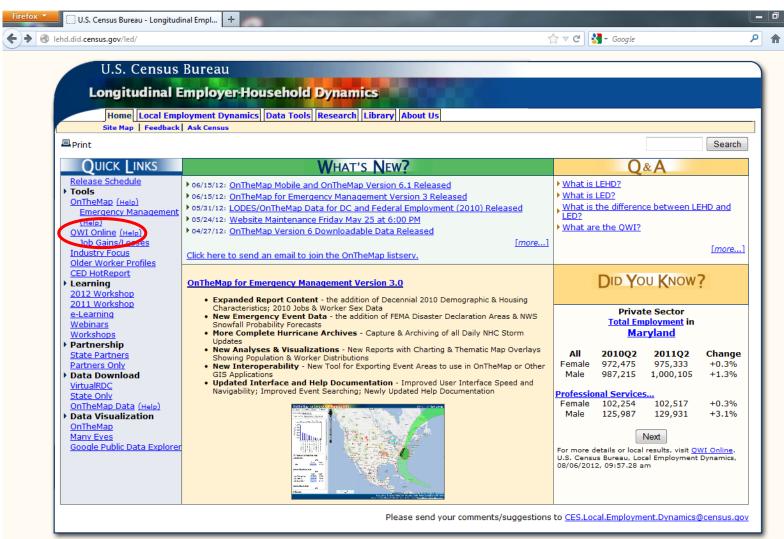
Results—Inflow/Outflow



Results—Places Where Fremont Residents Work



Local Employment Dynamics—QWI Online



QWI Online (Help)

- The Quarterly Workforce Indicators are derived from the LED partnership and are possible because of an innovative system that merges data already collected from various sources. The state Labor Market Information (LMI) agencies supply key data from unemployment wage records and from businesses each quarter. The Census Bureau merges the data from the LMIs with current demographic information to produce the data found on the LED web site. By combining data from different administrative sources, censuses and surveys, the Census Bureau produces local employment information that was not available before.
- The Census Bureau produces thirty labor force indicators, eight of which are
 published in QWI Online. The eight indicators include total employment, measures
 of change such as job flow, new hires, and separations, and average earnings.
 Datasets containing the full range of thirty indicators are made available through
 the Cornell Virtual Research Data Center. The beginning of the published QWI time
 series for each state varies depending on data availability. The time series are
 refreshed every quarter, with the most recent data lagging the calendar quarter by
 about nine months.

QWI Online (continued)

QWI Online provides

Detailed demographics
Detailed geography and state totals

Ownership information - private only or all ownership categories

NAICS sector, 3- and 4-digit industries *

4-quarter rolling averages

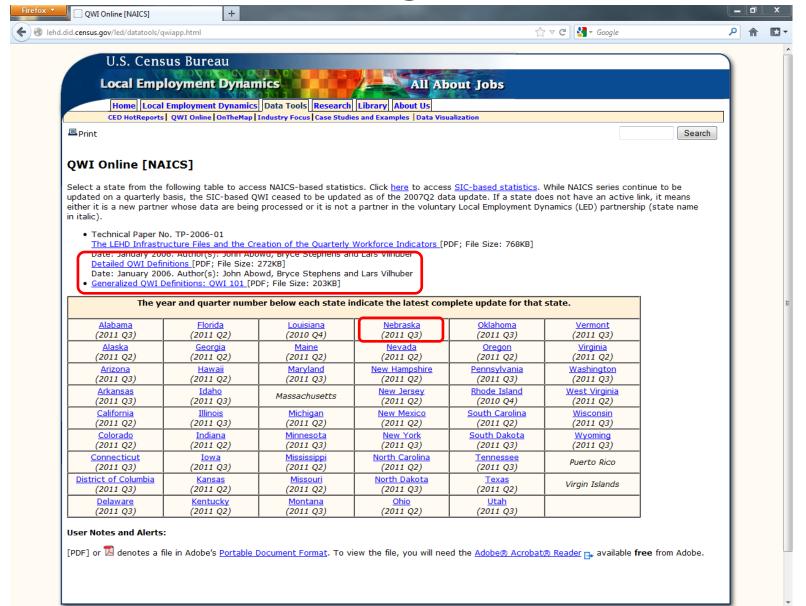
Recent and historical data

- Using the Comparison Report feature in QWI Online, you can tabulate labor market information by time, geography, sex, age and other variables. You can also generate cross-sectional, or download the data to create your own custom tables and charts.
- * A link is available for historical SIC-based information from the control page. However, these aggregations are no longer updated with current data.

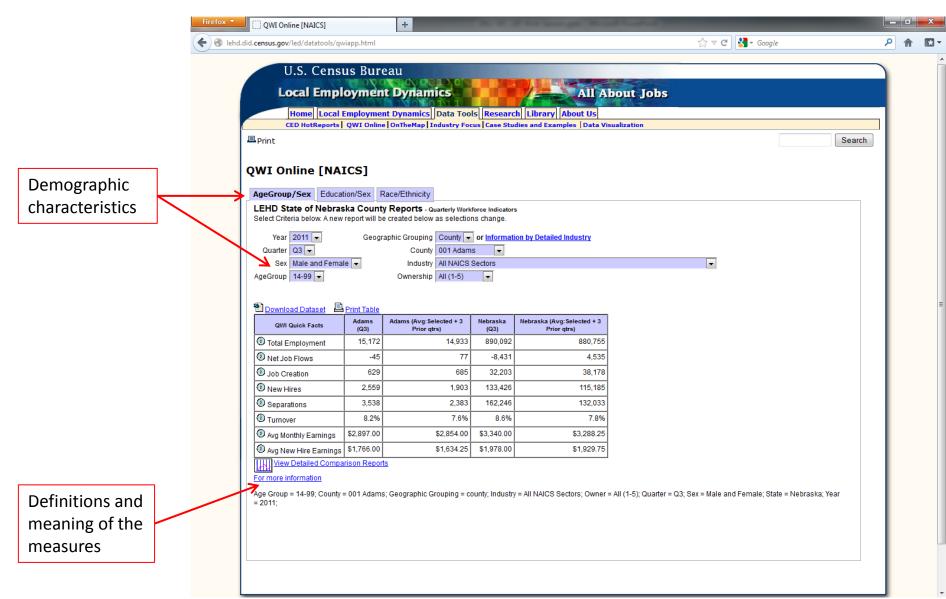
Job Gains/Losses

Net Job Gains and Losses and Net Job Growth Rates are derived directly from QWI Online. The indicator used is the Beginning of Quarter Employment for private industries only. It covers year-over-year changes by available states, as well as download of corresponding data files.

Selecting a State



Perform Analysis



Exercises

1. OnTheMap

Which ZIP code provided the most workers to 68106?

In which ZIP code did the largest number of workers living in 68106 work?

How might you use this in your work?

2. QWI Online (Use the most recent data)

What was the average monthly earnings for workers with a bachelor's degree in Lancaster County?

Was this higher or lower than the comparable state value?