Local Employment Dynamics
Worker Profiles Tool

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LED Workshop
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Agenda

- Worker Profiles
- Motivation
- Older Worker Profile Reports
- LED Worker Profile Tool
- Schedule and Summary
What are Worker Profiles?

- Wealth of information on demographic groups across US
  - Jobs/Employment
  - Jobs/Employment change
  - Earnings
  - Dynamics of job location
Motivation

- Bernalillo County, NM lost manufacturing workers during recession

- Who was affected the most?
- Did workers leave firms? Or firms hire fewer workers?
Motivation

2009 Average Quarterly Hires and Separations, Manufacturing Sector
Bernalillo County, NM

Hires
Separations

Ages 14-24
273
269

Ages 25-34
402
294

Ages 35-44
402
270

Ages 45-54
421
266

Ages 55-64
219
124

Ages 65-99
63
39

US CENSUS BUREAU
Older Worker Profile Reports

- Older Worker Profile reports promoted use of worker profile information
- Data: Quarterly Workforce Indicators (QWI)
- Demographic Group: Older Workers
- Releases:
  - 2004-2005: 2002 data
  - 12 states
  - 2007-2008: 2004 data
  - 30 states
Older Worker Profile Reports

- Industry
- Wage
- Turnover
- Tables
- Charts
- Maps

Figure 1. New Mexico Workforce by Age Group: 1995 to 2004

Percent of beginning-of-quarter employment

Note: Universe is all jobs identified by the LED program.
Source: U.S. Census Bureau and the state of New Mexico, Local Employment Dynamics program, 2006. See <http://lehddid.census.gov/>.
Older Worker Profile Reports

- Limitations
  - Limited focus
  - Time lag
  - Short shelf life
  - Static
  - Template difficult to produce
  - Not flexible to local needs
Worker Profile Tool

- Maximizes usefulness and delivery of labor market information for worker groups
- Provides following capabilities:
  - Support labor market analysis of workers
  - Provide integrated information with innovative visualizations
  - Intuitive interface
  - Timely access to latest data
  - Dynamic querying
## Sources of Data

### QWI
- Quarterly
- Previously used
- 30 indicators
- State/County/MSA/WIB
- No cross-state data

### OnTheMap
- Annual
- New
- Fewer indicators than QWI
- Census block
- Cross-state data
Development

- Automated web-based tool
- Phased implementation
- Collaborative
Phased Implementation

• Initial release
  - QWI data
  - Subgroups
    • Age
    • Gender
  - Dynamic charting
  - Drilldown: single-dimensional
Phased Implementation

- Later releases
  - QWI data & OnTheMap data
  - Subgroups
    - Industry
    - Earnings
    - Education, race, & ethnicity
  - Inflow-outflow commuter data at County/MSA/WIB level
  - Drilldown: multi-dimensional
Example Visualization

- National measures
- Complete demographic breakdown
- Drill-down capability
- Dynamic charting
- [Demonstration]
Schedule

- November 2010: Concepts & feedback
- March 2011: Workshop presentation
- April 2011: Description of initial release capabilities
- September 2011: Prototype
- December 2011: Initial release
- 2012 & beyond: Release of subsequent phases
Summary

- Shift from Older Worker Profile reports
- New web-based tool for worker profiles
  - Informative
  - Innovative
  - Accessible
  - Current
- Partner feedback
Contact Us

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