Upcoming Data Enhancements to the QWI and OnTheMap

ERIKA MCENTARFER
LEHD Economic Research Group
US Census Bureau

LED State Workshop
March, 2010
Overview

• There are several upcoming enhancements to the QWI and OnTheMap data
  – New variables on workers
  – New information on employers
  – Expansion of data coverage
• We are also working on new potential data products using LED data.
New information on workers: Race & Ethnicity

• Will be able to analyze earnings and job flows by race & ethnicity of workforce.
• Source of data is chiefly Decennial Census and ACS:
  • 75% - direct link to Decennial or ACS.
  • 20% - SSA race & ethnicity data
  • 5% - no information (imputed)
New information on workers: Level of education

• Users have long requested some information on worker education in the QWIs and OTM.
• Only linkable source of data is Decennial Census Long Form and ACS:
  • Much higher imputation rate than race & ethnicity.
  • Undergoing research on imputation model.
Expansion of Data Coverage: Federal Workers

• Universe of QWI/OTM is Unemployment Insurance wage data.
  • Federal Workers & Self-Employed not covered by state UI.

• OPM federal workers data now available at Census
  • Currently being integrated into QWI/OTM infrastructure.
Expansion of Data Coverage: Self-Employed

- Data source is Schedule C tax data.
- More challenging than federal worker integration
  - Identification of self-employed individual on married filling jointly.
  - Tax data is annual, not quarterly.
  - Earnings concept is different (net receipts rather than wages).
New information on Firms: Established vs. New

• What is the contribution of new firms to job creation and hires?
• What kind of workers are hired by new firms?
  • Do young firms hire young workers?
  • Do young firms hire more men? More women?
• Where are startups located?
New information on Firms: Firm Size

- Are small firms really the engine of job creation?
- What kind of workers are hired by small vs. large firms?
- Location of firms that are part of large chains.
Adding Firm Age & Size

- Data source is Census Business Dynamics Statistics (BDS) and Business Register (BR).
- Link is to the firm, not the establishment:
  - Firm Age: Age of oldest establishment in firm.
  - Firm Size: Total employment in national firm.
New Products in Development

• In addition to these enhancements, we are also working to develop new data products from LED data.

• Self-Employment Dynamics
  • Transitions to and from self-employment and wage and salary work.

• Job-to-Job Flows
  • Quarterly transitions from job to job.
Summary

• QWIs which include federal workers and new worker variables should begin to be released by the end of this year.
  • OnTheMap next spring.
• Firm age/size and self-employed end of next year.
• New products such as job-to-job flows planned release by 2014.