2014 Consumer Expenditure Survey (CE) Microdata Users' Workshop Schedule

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July 16-18, 2014 **www.bls.gov**

Individual meetings with CE staff members can be scheduled throughout the workshop

Wednesday, July 16, 2014

8:30-9:00 a.m. **Registration** Central Reception Area

9:00-9:15 a.m. **Welcome and Logistics** Conference Room 1
Welcome – *Steve Henderson*
Logistics – *Veri Crain*

9:15-9:45 a.m. **Overview of the CE Survey** (PDF) **–** *Ryan Pfirrmann-Powell*

9:45-10:30 a.m. **Introduction to Microdata** (PDF) – *Scott Curtin*

10:30-10:45 a.m. **Morning Break**

10:45-11:15 a.m. **Andres Torrubia,** CEO, FIXR Inc., *"Visualizing Transportation, Healthcare, and Utilities Costs for Renter CUs"* (PDF)

11:15-11:45 a.m. **Sheng Guo Ph.D.,** Florida International University, *"Financial Wealth, Housing Wealth and Housing Dividends"*

11:45-1:00 p.m. **Lunch (on your own)**

1:00-2:30 p.m. **Practical Training Session 1* –** *Scott Curtin, Ryan Pfirrmann-Powell, Adam Reichenberger, Bill Passero, Geoffrey Paulin Ph.D., Aaron Cobet*

2:30-2:45 p.m. **Afternoon Break**

2:45-4:00 p.m. **Practical Training Session 1* –** *Scott Curtin, Ryan Pfirrmann-Powell, Adam Reichenberger, Bill Passero, Geoffrey Paulin Ph.D., Aaron Cobet*

4:00 p.m. - End **Information Sharing Group Session** Central Reception Area

Thursday, July 17, 2014

8:30-9:00 a.m.	**Registration**	Central Reception Area
9:00-9:30 a.m.	**Sampling Methods and Derivation of Sampling Weights** (PDF) – *Brian Nix*	Conference Room 1
9:30-10:00 a.m.	**Imputation & Allocation of CE Microdata** (PDF) – *Evan Hubener*	
10:00-10:30 a.m.	**Li Zhang,** Ph.D. Candidate, University of Virginia, *"The Effect of Casinos on Household Consumption"*	
10:30-10:45 a.m.	**Morning Break**	
10:45-11:00 a.m.	**Four Interviews vs. Individual Interviews** – *Bill Passero*	
11:00-11:15 a.m.	**Balancing Respondent Confidentiality and Data User Needs** (PDF) – *Aaron Cobet*	
11:15-11:45 a.m.	**Daniel Yang Ph.D. & Daniell Toth Ph.D.,** Bureau of Labor Statistics, *"Statistical Distance Measurements for CE Data Disclosure Utility Evaluation"* (PDF 1.3 MB)	
11:45-1:00 p.m.	**Lunch (on your own)**	
1:00-1:30 p.m.	**Special Presentation --** How to publish your CE research in the *Monthly Labor Review* (PDF) – *Carol Boyd Leon & Charlotte Irby (Technical Writer-Editors)*	
1:30-2:00 p.m.	**Jane Yoo Ph.D.**, Ajou University, Korea, *"The Role of Inter Vivos Giving in General Equilibrium"* (PDF 1.1 MB)	
2:00-2:15 p.m.	**Afternoon Break**	
2:15-4:30 p.m.	**Practical Training Session 2*** – *Scott Curtin, Ryan Pfirrmann-Powell, Adam Reichenberger, Bill Passero, Geoffrey Paulin Ph.D., Aaron Cobet*	

Friday, July 18, 2013

8:30-9:00 a.m.	**Registration**	Central Reception Area
9:00-9:15 a.m.	**Data Adjustment – Sales Taxes** (PDF) **–** *Neil Tseng*	Conference Room 1
9:15-10:00 a.m.	**Imputed Income – Imputes –** *Geoffrey Paulin Ph.D.* **Variance Estimation – The BRR Method –** *Geoffrey Paulin Ph.D.*	
10:00-10:30 a.m.	**Jonathan Peters Ph.D.,** et al, The CUNY Graduate School, The College of Staten Island School of Business, *"Measurement of Road User Charges in the United States – Comparison of BLS CES Data and Highway User Fee Data"* (PDF 4.2 MB)	
10:30-10:45 a.m.	**Morning Break**	
10:45-11:15 a.m.	**Ting Yan Ph.D.,** University of Michigan, *"Response Burden: What Predicts it and what is the Impact on Data Quality?"*	
11:15-11:45 a.m.	**Sneak Peek/Q&A** (PDF) **–** *Steve Henderson*	
11:45-1:00 p.m.	**Lunch (on your own)**	
1:00-2:30 p.m.	**Practical Training Session 3* –** *Scott Curtin, Ryan Pfirrmann-Powell, Adam Reichenberger, Bill Passero, Geoffrey Paulin Ph.D., Aaron Cobet*	
2:30-3:00 p.m.	**Attendee Feedback**	
3:00-3:15 p.m.	**Afternoon Break**	
3:15 p.m. - End	**Practical Training (Special Topics)** – *Scott Curtin, Ryan Pfirrmann-Powell, Adam Reichenberger, Bill Passero, Geoffrey Paulin Ph.D., Aaron Cobet*	

*Topics in Practical Training 1-3 will be covered sequentially. Depending on the progress of each session, topics may be carried over to later sessions.

Microdata Practical Training Sessions Outline

Over the course of 4 practical training sessions (including Introduction to Microdata on Wednesday morning) , our presenters will demonstrate how to use the public-use data files and documentation to calculate various statistics; including, population means, aggregates, and correct standard errors. There will be several projects for participants to work on that demonstrate relevant concepts. We encourage participants to bring a laptop with the software that they are comfortable working with installed. We also encourage participants to work with one another (especially those that may not have a laptop). We've found in the past that this collaborative learning experience helps you get the most out of the training sessions.

Microdata Basics

- Data file Structure
    - Example family and where the information will be
    - How files fit together: NEWID, CUID
    - Which files to use
- Naming conventions
    - Data set names
    - "X" factor (first quarter, fifth quarter data sets)
- Record Counts
- Documentation – what resources are available?
    - Data dictionary review
        - Near future change – integrating into the website.
        - Printed documentation notation
        - Access dictionary, available queries
    - Data flags
        - Imputation and allocation

Hands-on Projects

The projects have been constructed to build from one to the next, so that the relevant datasets will be built throughout the workshop.

- Project 1: Annual health care expenditures by various demographics/income (PDF)
    - Using the FMLI file
    - Introduction to summary (PQ/CQ) variables
    - Standard means, aggregates, percent reporting

- Project 2: Adding demographic information from the MTBI file (PDF)
  - Are any members self-employed?
- Project 3: Detailed health insurance expenditures (PDF)
  - Using the Interview MTBI file
- Project 4: Getting total health care expenditures with Interview AND diary (PDF)
  - Calculating annual estimates with Diary and integrating them with Interview estimates
  - Review of source selection
- Project 5: Looking closer at health insurance- number of CUs covered (PDF)
  - Using the IHB file to find more specific information about the health plans
  - Understanding EXPN files
- Project 6: Finding population estimates (PDF)
  - Using the weights
  - Comparisons of population versus sample means
- Project 7: Calendar year estimates (PDF)
  - Summary level PQ/CQ variables revisited
  - MO_SCOPE → How to adjust the weights to represent the "months in scope" of the interview
- Project 8: Calculating Standard Errors (PDF)
  - Using the Balanced Repeated Replication(BRR) method with replicate weights to calculate correct standard errors for mean estimates and regression parameters
  - Using the multiple imputes to calculate correct standard errors for income