

# 2012 Consumer Expenditure Survey (CE) Microdata Users' Workshop Schedule



July 18-20, 2012

[www.bls.gov](http://www.bls.gov)

*Individual Meetings with CE staff members can be scheduled throughout the workshop*

## Wednesday, July 18, 2012

<u>8:30-9:00 a.m.</u>	<b>Registration/Coffee</b>	Central Reception Area
<u>9:00-9:15 a.m.</u>	<b>Welcome and Logistics</b>	Conference Room 1
	Welcome – <i>Steve Henderson</i> Logistics – <i>Veri Crain</i>	
<u>9:15-9:45 a.m.</u>	<b>Overview of the CE Survey – <i>William Hawk</i></b>	
<u>9:45-10:30 a.m.</u>	<b>Introduction to Microdata– <i>Laura Paszkiewicz, Craig Kreisler, Bill Passero, Geoffrey Paulin</i></b>	
<u>10:30-10:45 a.m.</u>	<b>Morning Break</b>	
<u>10:45-11:15 a.m.</u>	<b>Richard Bavier, "<i>Recent Trends in U.S. Income and Expenditure Poverty</i>"</b>	
<u>11:15-11:45 a.m.</u>	<b>Jonathan Fisher, "<i>The Demography of Inequality for Individuals and Families: Income and Consumption</i>"</b>	
<u>11:45-1:00 p.m.</u>	<b>Lunch (on your own)</b>	
<u>1:00-1:30 p.m.</u>	<b>Rawley Heimer, "<i>Friends Do Let Friends Buy AAPL, and F, and IPET ...: A Study of Asset Purchase Participation</i>"</b>	
<u>1:30-2:00 p.m.</u>	<b>Tami Ohler, "<i>Measuring the Effect of Gender on Consumption in Single-Parent Households</i>"</b>	
<u>2:00-2:30 p.m.</u>	<b>Geng Li, "<i>Gamblers as Personal Finance Activists</i>"</b>	
<u>2:30-2:45 p.m.</u>	<b>Afternoon Break</b>	
<u>2:45-4:30 p.m.</u>	<b>Practical Training Session 1* – <i>Laura Paszkiewicz, Craig Kreisler, Bill Passero, Geoffrey Paulin</i></b>	
<u>4:30 p.m. - End</u>	<b>Information Sharing Group Session</b>	Central Reception Area

Contact the CE Workshop Team • [CE\\_Symposium\\_Workshop\\_2012@bls.gov](mailto:CE_Symposium_Workshop_2012@bls.gov) •  
<http://www.bls.gov/cex/csxannualworkshop.htm> • (202) 691-6900

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## Thursday, July 19, 2012

<u>8:30-9:00 a.m.</u>	<b>Registration/Coffee</b>	Central Reception Area
<u>9:00-9:30 a.m.</u>	<b>Sampling Methods and Derivation of Sampling Weights</b> – <i>Barry Steinberg</i>	Conference Room 1
<u>9:30-10:00 a.m.</u>	<b>Imputation &amp; Allocation of CE Microdata</b> – <i>Evan Hubener</i>	
<u>10:00-10:30 a.m.</u>	<b>Tax Estimation</b> – <i>Laura Paszkiewicz</i>	
<u>10:30-10:45 a.m.</u>	<b>Morning Break</b>	
<u>10:45-11:00 a.m.</u>	<b>Four Interviews vs. Individual Interviews</b> – <i>Bill Passero</i>	
<u>11:00-11:45 a.m.</u>	<b>Jonathan Fisher, Rawley Heimer, "Applying Longitudinal Weights: Examples from CE Microdata Users"</b>	
<u>11:45-1:00 p.m.</u>	<b>Lunch (on your own)</b>	
<u>1:00 – 1:15p.m.</u>	<b>Confidentiality measures in the CE Microdata</b> – <i>Craig Kreisler</i>	
<u>1:15-3:15 p.m.</u>	<b>Practical Training Session 2*</b> – <i>Laura Paszkiewicz, Craig Kreisler, Bill Passero, Geoffrey Paulin</i>	
<u>3:15-3:30 p.m.</u>	<b>Afternoon Break</b>	
<u>3:30-4:00 p.m.</u>	<b>Special Presentation</b> How to publish your CE research in the <i>Monthly Labor Review</i> – <i>Carol Leon (Technical Writer-Editor) &amp; Brian Baker (Technical Writer-Editor)</i>	
<u>4:00-4:30 p.m.</u>	<b>Discussion on Redesign Options for Microdata and Documentation</b> – <i>Scott Curtin</i>	

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## Friday, July 20, 2012

<u>8:30-9:00 a.m.</u>	<b>Registration/Coffee</b>	Central Reception Area
<u>9:00-10:30 a.m.</u>	<b>Data Adjustment – Sales Taxes – Meaghan Smith</b> <b>Imputed Income – Imputes – Geoffrey Paulin</b> <b>Variance Estimation – The BRR Method – Geoffrey Paulin</b> <b>Paradata in the CE – Laura Paszkiewicz</b> <b>Sneak Peek/Q&amp;A – Steve Henderson</b>	Conference Room 1
<u>10:30-10:45 a.m.</u>	<b>Morning Break</b>	
<u>10:45-11:15 a.m.</u>	<b>Juan Du, "Health Insurance and Labor Market Conditions during the Great Recession"</b>	
<u>11:15-11:45 a.m.</u>	<b>Steve Mitnick, "Using the Consumer Expenditure Survey to Deeply Understand How Electricity Expenditures of American Households Vary"</b>	
<u>11:45-12:15 p.m.</u>	<b>Anthony Murray, "'Heat or Eat' or 'Food or Fuel'? Measuring Trade-offs Between Food and Energy Consumption"</b>	
<u>12:15-1:30 p.m.</u>	<b>Lunch (on your own)</b>	
<u>1:30-2:30 p.m.</u>	<b>Practical Training Session 3* – Laura Paszkiewicz, Craig Kreisler, Bill Passero, Geoffrey Paulin</b>	
<u>2:30-2:45 p.m.</u>	<b>Feedback</b>	
<u>2:45-3:00 p.m.</u>	<b>Afternoon Break</b>	
<u>3:00 p.m. - End</u>	<b>Practical Training (Special Topics) – Laura Paszkiewicz, Craig Kreisler, Bill Passero, Geoffrey Paulin</b>	

\*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.

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## Microdata Practical Training Sessions Outline

Over the course of 4 practical training sessions (including Introduction to Microdata on Monday 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 demonstrates 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
  - o Example family and where the information will be
  - o How files fit together: NEWID, CUID
  - o Which files to use
- Naming conventions
  - o Data set names
  - o "X" factor (first quarter, fifth quarter data sets)
- Record Counts
- Documentation – what resources are available?
  - o Data dictionary review
    - Near future change – no start positions.
    - Printed documentation notation
    - Access dictionary, available queries
  - o 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
  - o Using the FMLY file
  - o Introduction to summary (PQ/CQ) variables
  - o Standard means, aggregates, percent reporting

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

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