

# 2015 Consumer Expenditure Survey (CE) Microdata Users' Workshop Schedule



July 15-17, 2015

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

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

## Wednesday, July 15, 2015

<u>8:30-9:00 a.m.</u>	<b>Registration</b>	Central Reception Area
<u>9:00-9:15 a.m.</u>	<b>Welcome and Logistics</b> Welcome – <i>Steve Henderson</i> Logistics – <i>Arcenis Rojas</i>	Conference Room 1
<u>9:15-9:45 a.m.</u>	<b>Overview of the CE Survey</b> – <i>Bill Passero</i>	
<u>9:45-10:30 a.m.</u>	<b>Introduction to Microdata</b> – <i>Brett Creech</i>	
<u>10:30-10:45 a.m.</u>	<b>Morning Break</b>	
<u>10:45-11:15 a.m.</u>	<b>Stephen Brumbaugh</b> , Ph.D. candidate, UCLA, Department of Urban Planning, “ <i>Driven to Poverty? An Analysis of Automobile Expenditures in Low-Income Households</i> ”	
<u>11:15-11:45 a.m.</u>	<b>Taylor Smith Ph.D.</b> , Assistant Professor of Economics, Georgia Gwinnett College, “ <i>How Do Changes in Housing Wealth Affect Consumption Behavior?</i> ”	
<u>11:45-1:00 p.m.</u>	<b>Lunch (on your own)</b>	
<u>1:00-1:30 p.m.</u>	<b>Introduction of New PUMD Website</b> – <i>Aaron Cobet</i>	
<u>1:30-2:30 p.m.</u>	<b>Practical Training Session 1*</b> – <i>Scott Curtin, Arcenis Rojas, Bill Passero, Geoffrey Paulin Ph.D., Aaron Cobet</i>	
<u>2:30-2:45 p.m.</u>	<b>Afternoon Break</b>	
<u>2:45-4:00 p.m.</u>	<b>Practical Training Session 1*</b> – <i>Scott Curtin, Arcenis Rojas, Bill Passero, Geoffrey Paulin Ph.D., Aaron Cobet</i>	
<u>4:00 p.m. - End</u>	<b>Information Sharing Group Session</b>	Central Reception Area

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## Thursday, July 16, 2015

<u>8:30-9:00 a.m.</u>	<b>Registration</b>	Central Reception Area
<u>9:00-9:30 a.m.</u>	<b>Sampling Methods and Derivation of Sampling Weights</b> – <i>Brian Nix</i>	Conference Room 1
<u>9:30-10:00 a.m.</u>	<b>Imputation &amp; Allocation of CE Microdata</b> – <i>Meaghan Smith</i>	
<u>10:00-10:30 a.m.</u>	<b>Naveen Singhal</b> , Ph.D. candidate, University of Illinois at Chicago, Associate Analyst, Congressional Budget Office, <i>"The 2011 Payroll Tax Cut and Household Spending: Evidence from a Quasi-Natural Experiment"</i>	
<u>10:30-10:45 a.m.</u>	<b>Morning Break</b>	
<u>10:45-11:15 a.m.</u>	<b>Li Zhang</b> , Ph.D. candidate, University of Virginia, <i>"Household Consumption Smoothing between Monthly Housing Payments"</i>	
<u>11:15-11:45 p.m.</u>	<b>Adam Hoffer Ph.D.</b> , Assistant Professor, University of Wisconsin – La Crosse, <i>"Income-Expenditure Elasticities of Less Healthy Consumption Goods"</i>	
<u>11:45-1:00 p.m.</u>	<b>Lunch (on your own)</b>	
<u>1:00-1:30 p.m.</u>	<b>Special Presentation</b> – How to publish your CE research in the <i>Monthly Labor Review</i> – <i>Carol Boyd Leon &amp; Charlotte Irby (Technical Writer-Editors)</i>	
<u>1:30-1:45 p.m.</u>	<b>Four Interviews vs. Individual Interviews</b> – <i>Evan Hubener</i>	
<u>1:45-2:00 p.m.</u>	<b>Balancing Respondent Confidentiality and Data User Needs</b> – <i>Arcenis Rojas</i>	
<u>2:00-2:15 p.m.</u>	<b>Afternoon Break</b>	
<u>2:15-4:30 p.m.</u>	<b>Practical Training Session 2*</b> – <i>Scott Curtin, Arcenis Rojas, Bill Passero, Geoffrey Paulin Ph.D., Aaron Cobet</i>	

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## Friday, July 17, 2015

<u>8:30-9:00 a.m.</u>	<b>Registration</b>	Central Reception Area
<u>9:00-9:15 a.m.</u>	<b>Data Adjustment – Sales Taxes – Barbara Johnson-Cox</b>	Conference Room 1
<u>9:15-10:00 a.m.</u>	<b>Imputed Income – Imputes – Geoffrey Paulin Ph.D.</b> <b>Variance Estimation – The BRR Method – Geoffrey Paulin Ph.D.</b>	
<u>10:00-10:30 a.m.</u>	<b>Walter Lake</b> , Senior Associate, Research, Financial Security and Mobility, Pew Charitable Trusts, <i>“Introducing KIWI: A Stata Package to Explore BLS Consumer Expenditure Data”</i>	
<u>10:30-10:45 a.m.</u>	<b>Morning Break</b>	
<u>10:45-11:15 a.m.</u>	<b>Redesigning the PUMD Website to Improve the User Experience – Aaron Cobet</b>	
<u>11:15-11:45 a.m.</u>	<b>Sneak Peek/Q&amp;A – Steve Henderson</b>	
<u>11:45-1:00 p.m.</u>	<b>Lunch (on your own)</b>	
<u>1:00-2:30 p.m.</u>	<b>Practical Training Session 3*</b> – <i>Scott Curtin, Arcenis Rojas, Bill Passero, Geoffrey Paulin Ph.D., Aaron Cobet</i>	
<u>2:30-3:00 p.m.</u>	<b>Attendee Feedback</b>	
<u>3:00-3:15 p.m.</u>	<b>Afternoon Break</b>	
<u>3:15 p.m. - End</u>	<b>Practical Training (Special Topics)</b> – <i>Scott Curtin, Arcenis Rojas, Bill Passero, Geoffrey Paulin Ph.D., Aaron Cobet</i>	

\*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 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
  - 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 – integrating into the website.
    - 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 FMLI 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 MTBI file
  - o Are any members self-employed?
- Project 3: Detailed health insurance expenditures
  - o Using the Interview MTBI file
- 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
- 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