

# 2018 Consumer Expenditure Surveys (CE) Microdata Users' Workshop

July 18-20, 2018

Individual meetings with CE staff members can be scheduled throughout the workshop. To do so, please sign up at the registration desk or speak to a CE staff member directly.

## Wednesday, July 18, 2018

8:30-9:00 a.m.	<b>Registration/Refreshments</b>
9:00-9:15 a.m.	<b>Welcome</b> – <i>Steve Henderson</i>
9:15-9:30 a.m.	<b><u>Overview of the CE Survey</u></b> – <i>Adam Safir</i>
9:30-9:45 a.m.	<b><u>Introduction to Microdata</u></b> – <i>Jimmy Choi</i>
9:45-10:00 a.m.	<b><u>Microdata File Structure</u></b> – <i>Arcenis Rojas</i>
10:00-10:15 a.m.	<b>Q&amp;A</b>
10:15-10:30 a.m.	<b>Morning Break</b>
10:30-12:00 p.m.	<b>Practical Training Session 1a*</b> – <i>CE Microdata Staff</i>
12:00-1:00 p.m.	<b>Lunch (on your own)</b>
1:00-1:20 p.m.	<b><u>Balancing Respondent Confidentiality and Data User Needs</u></b> – <i>Aaron Cobet</i>
1:20-2:45 p.m.	<b>Practical Training Session 1b*</b> – <i>CE Microdata Staff</i>
2:45-3:00 p.m.	<b>Afternoon Break</b>
3:00-3:15 p.m.	<b><u>Consumption Patterns of the American Middle Class in Major U.S. Metropolitan Areas</u></b> – <i>Hyun Kyong “Rosa” Lee,<sup>A</sup> Ph.D. Candidate, The George Washington University</i>
3:15-3:30 p.m.	<b><u>Price Stickiness along the Income Distribution and the Effects of Monetary Policy</u></b> – <i>Ting Lan, Ph.D. Candidate, Univ. of Michigan</i>
3:30-3:45 p.m.	<b><u>Marginal Propensity to Consume Out of Permanent Income</u></b> – <i>Zheli He, Ph.D., Economist, Penn Wharton Budget Model</i>
3:45-4:00 p.m.	<b>Discussion / Q&amp;A</b>
4:00 -4:05 pm	<b>Announcements</b>
4:05 p.m. - End	<b>Networking Opportunity</b>

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\* For a list of topics to be covered, see page 4.

<sup>A</sup> Speaker has attended at least one previous workshop.

# 2018 Consumer Expenditure Surveys (CE) Microdata Users' Workshop

**Thursday, July 19, 2018**

- 8:30-9:00 a.m.      **Registration/Refreshments**
- 9:00-9:15 a.m.      **Sampling Methods and Derivation of Sampling Weights**  
– *Brian Nix*
- 9:15-9:40 a.m.      **Weighting in the 2010's** – *Barry Steinberg*
- 9:40-10:00 a.m.      **State Weights: Providing More Geographic Data** – *Taylor Wilson*
- 10:00-10:15 a.m.      **Morning Break**
- 10:15-11:15 a.m.      **Practical Training Session 2a\*** – *CE Microdata Staff*
- 11:15-11:30 a.m.      **US Dietary Recommendations and Grocery Spending: A Cohort Analysis** – *Lacey Wilson,<sup>A</sup> Undergraduate, University of South Carolina*
- 11:30-11:45 a.m.      **The Impact of In-Kind Food Benefit Increase on Consumption: Evidence from the SNAP** – *Yiting Lan, Graduate Teaching Associate, The Ohio State University*
- 11:45-12:00 p.m.      **Q&A**
- 12:00-1:00 p.m.      **Lunch (on your own)**
- 1:00-1:25 p.m.      **Special Presentation** – “Submitting a *Monthly Labor Review* Article”  
– *Terry Schau, Managing Editor, Monthly Labor Review*
- 1:25-1:50 p.m.      **Variance Estimation - The BRR Method** – *Geoffrey Paulin, Ph.D.*
- 1:50-3:00 p.m.      **Practical Training Session 2b\*** – *CE Microdata Staff*
- 3:00-3:15 p.m.      **Afternoon Break**
- 3:15-3:30 p.m.      **Testable Implications of Normality in Stochastic Demand for Two Goods** – *Karim Nchare, Ph.D. Candidate, Penn State University*
- 3:30-3:45 p.m.      **Using the Consumer Expenditure Surveys Microdata to Estimate Consumer Spending and Buying Power at any Level of Regionality** – *Michael Conte,<sup>P</sup> Ph.D., Economist/Lead Developer, RegionalOneSource*
- 3:45-4:00 p.m.      **Q&A**
- 4:00-4:05 p.m.      **Announcements**

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<sup>P</sup> Speaker has presented at previous workshop(s).

# 2018 Consumer Expenditure Surveys (CE) Microdata Users' Workshop

**Friday, July 20, 2018**

- 8:30-9:00 a.m.      **Registration/Refreshments**
- 9:00-9:15 a.m.      **Data Adjustment - Sales Taxes** – *Barbara Johnson-Cox*
- 9:15-9:30 a.m.      **Imputation & Allocation of CE Microdata**  
– *Clayton Knappenberger*
- 9:30-9:40 a.m.      **Q&A**
- 9:40-10:00 a.m.      **Transforming CE Data to Normality** – *Taylor Wilson*
- 10:00-10:15am      **Morning Break**
- 10:15-11:15 a.m.      **Panel Discussion** - *Geoffrey Paulin, Ph.D. (Moderator)*  
**Tracking Changes in Ride-hailing/Ride-sharing Expenditures** –  
*David Poyer,<sup>A</sup> Ph.D., Professor, Morehouse College, Argonne National  
Laboratory*  
  
**Just What Do We Actually Know about Household Spending on  
Transportation Services and How Are They Changing in the 21<sup>st</sup>  
Century** – *Jonathan Peters,<sup>P</sup> Ph.D., Professor, College of Staten Island /  
Research Fellow, University Transportation Research Center*
- 11:15-11:35 a.m.      **Sneak Peek** – *Steve Henderson*
- 11:35-12:00 p.m.      **Investigating the Imputation of Assets and Liabilities in the CE  
Interview Survey** – *Geoffrey Paulin, Ph.D*
- 12:00-1:00 p.m.      **Lunch (on your own)**
- 1:00-1:30 p.m.      **Attendee Feedback**– *Erica Yu, Ph.D.*
- 1:30-2:45 p.m.      **Practical Training Session 3\*** – *CE Microdata Staff*
- 2:45-3:00 p.m.      **Afternoon Break**
- 3:00 p.m. - End      **Practical Training (Special Topics)** – *CE Microdata Staff*

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# 2018 Consumer Expenditure Surveys (CE) Microdata Users' Workshop

## Practical Training Sessions (Tentative Schedule):

The practical training projects at this workshop will be covered sequentially. Depending on the progress of each session, topics may start in one session and be carried over to later sessions. Tentatively, the topics to be covered each day are as follows:

### Wednesday, July 18, 2018

**Project 1:** Generating annualized sample means by family type using the Interview **FMLI** files.

- Introduction to summary income variables
- Develop a baseline understanding of the sample data
- Using data only from participants in all four interviews compared to treating quarters independently

**Project 2:** Generating annualized sample means by number of children in the CU using the Interview **FMLI** and **MEMI** files.

- Explore how we can use data from multiple sources to determine interesting cross tabs

**Project 3:** Generating annualized sample means for tuition, test, book, and other education expenditures by number of children in the CU using the Interview **FMLI**, **MEMI**, and **MTBI** files.

- Introduction to stub files
- Introduction to expenditure summary variables (PQ/CQ)

**Project 4:** Generating annualized sample means for a specific Diary survey item to be integrated with Interview survey data, creating a total education expenditure.

- Review of source selection

### Thursday, July 19, 2018

**Project 5:** Generating statistics for non-expenditure characteristics (school type) of education using the Interview survey **EDA** and **FMLI** files.

- Using the EDA file to find more specific information about whether the expense was for someone inside or outside the CU

**Project 6:** Generating a weighted average annual collection year education expenditure and standard error by the number of children in a CU, using the Interview survey files.

- Using the weights
- Comparisons of population versus sample means

# 2018 Consumer Expenditure Surveys (CE) Microdata Users' Workshop

**Friday, July 20, 2018**

- Project 7:** User's Guide to Income Imputation in the CE (Part 1)  
Calculating valid descriptive statistics for multiply imputed income:
- Mean
  - Standard error
- Project 8:** User's Guide to Income Imputation in the CE (Part 2)  
Regression analysis to find the relationship between food-at-home expenditures and income:
- Compute the parameter estimates and their standard errors for the intercept and income in a simple linear regression.
- Project 9:** Generating a weighted calendar year education expenditures by the number of children in a CU using the Interview survey files.
- MO\_SCOPE → How to adjust the weights to represent the “months in scope” of the interview

## CE Microdata Users' Workshop Staff

The following CE staff members will lead or facilitate exercises during at least one practical training session. Several will be available at each session to assist you with your projects.

*Jimmy Choi*  
*Aaron Cobet*  
*Brett Creech*  
*Scott Curtin*  
*Evan Hubener*  
*Bill Passero*  
*Geoffrey Paulin*  
*Arcenis Rojas*  
*Taylor Wilson*

Questions?  
Contact • 202-691-6900  
[CE\\_Symposium\\_Workshop@bls.gov](mailto:CE_Symposium_Workshop@bls.gov)

Workshop Location:  
Postal Square Building  
Janet Norwood Conference Center • Rooms 1, 2 and 3  
2 Massachusetts Avenue NE • Washington DC, 20212