

***Federal Committee on Statistical Methodology Workshop***  
Hosted by COPAFS

**How To Do Survey Nonresponse Bias Analyses  
in Household and Establishment Surveys**

**June 10, 2009**

**Bureau of Labor Statistics Conference Center, Rooms 1-3  
2 Massachusetts Avenue, NE, Washington, DC**

If you are taking Metro, use the Red Line to Union Station. If you are driving, parking is available in the Union Station garage. The main entrance to the Bureau of Labor Statistics is just across from Union Station on First Street, NE. Security measures at BLS require that we provide a list of all registered participants and that you bring a photo id.

**PRELIMINARY PROGRAM**

**7:30 Registration and Coffee**

**8:30 I. Introduction**

Chair: Clyde Tucker, Bureau of Labor Statistics

Welcome

Keith Hall, Commissioner, Bureau of Labor Statistics

When Should Agencies Conduct Nonresponse Bias Analyses?

Brian Harris-Kojetin, Office of Management and Budget

Conducting Nonresponse Bias Analyses

Robert M. Groves, University of Michigan and Joint Program in Survey Methodology

**9:15 II. Using Frame Information.**

Chair: Flora Lan, National Science Foundation

Assessing the Nonresponse Bias of Survey Estimates from an Early Close Out of the First Stage of Data Collection in the National Survey of Recent College Graduates (NSRCG): A Survey with Two Stage Sample Design

Donsig Jang and Xiaojing Lin, Mathematica Policy Research

Usage of Frame Date for Nonresponse Bias Analysis for Two Business Surveys at the U.S. Census Bureau

Katherine J. Thompson, Census Bureau

Examining Nonresponse Bias in a Household Validity Study of Self-Reported Drug Use  
Arthur Hughes, Substance Abuse and Mental Health Services Administration, Kevin  
Wang, and David Heller, and Patrick Chen, RTI International

**10:15-10:30 Break**

**10:30 III. Using Response History Information**

Chair: Renee Miller, Energy Information Administration

Evaluating High Effort Measures for Studying Nonresponse Bias in the National Health  
Interview Survey

Catherine Simile and James Dahlhamer, National Center for Health Statistics

Extra Effort, Extra Results? The Impact of Doubling Interviewing Effort on Nonresponse in a  
National Survey

Evans Witt and Jonathan Best, Princeton Survey Research Associates International

Effects of the Exclusion of High Nonresponse Propensity Respondents on Estimates from the  
Current Population Survey and the American Time Use Survey

Scott Fricker, Bureau of Labor Statistics

**11:30 IV. Using Administrative Records**

Chair: Morgan Earp, National Agricultural Statistics Service

Integrated Health Care Survey Designs: Analytical Enhancements Achieved Through Linkage  
of Surveys and Administrative Data

Steven B. Cohen, Agency for Healthcare Research and Quality

Nonresponse Bias in a GAO Survey of School Districts

James D. Ashley, Government Accountability Office

Using Census Match Data to Evaluate Models of Survey Nonresponse in the Current Population  
Survey

John Dixon, Bureau of Labor Statistics

**12:30-1:30 Box Lunch**

## **1:30 V. Implementing Survey Designs That Address Nonresponse**

Chair: Andrew Zukerberg, National Center for Education Statistics

### **An Illustration of Two-Phase Sampling for Nonresponse Rate and Bias Control**

Robert M. Groves, University of Michigan and Joint Program in Survey Methodology;  
William Mosher, National Center for Health Statistics; James M. Lepkowski, University  
of Michigan and Joint Program in Survey Methodology

### **An In-Field Follow-Up Study of Nonresponse and Coverage Bias in the 2007 National Household Education Surveys Program**

Jill Montaquila, Wendy Van de Kerckhove, J. Michael Brick, and Mary Hagedorn,  
Westat

### **Using American Community Survey Data by Mode to Understand Nonresponse Bias**

Megha Joshipura, Census Bureau

## **2:30 VI. Adjusting for Nonresponse**

Chair: David Kashihara, Agency for Healthcare Research and Quality

### **Callback Models for Detecting and Adjusting for Nonignorable Nonresponse Bias**

Paul Biemer, RTI International

### **An Assessment of the Effect of Calibration on Nonresponse Bias in the 2006 Agricultural Resource Management Survey**

Phil Kott, RTI International

### **Assessment of the Impact of Health Variables on Nonresponse Adjustment in the Medical Expenditure Panel Survey**

Lap-Ming Wun, Agency for Healthcare Research and Quality

## **3:30-3:45 Break**

## **3:45 VII. Comparing Different Approaches**

Chair: Marilyn Seastrom, National Center for Education Statistics

### **Assessing Nonresponse Bias in the Consumer Expenditure Interview Survey: A Summary of Four Studies**

Susan King, Bureau of Labor Statistics

### **National Center for Education Statistics/National Institute of Statistical Sciences Task Force on Nonresponse Bias Analysis: FINAL REPORT**

Alan Karr, National Institute of Statistical Sciences

Using Proxy Measures and Other Correlates of Survey Outcomes to Adjust for Nonresponse:  
Examples from Multiple Surveys

Frauke Kreuter, Joint Program in Survey Methodology

**4:45 VIII. Lessons Learned**

Chair: Nancy Kirkendall, National Academy of Sciences

Key Lessons for Doing Nonresponse Bias Analyses

J. Michael Brick, Westat

**5:15 Adjourn**