

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Committee on National Statistics
Division of Behavioral and Social Sciences and Education

**Panel on Improving Federal Statistics for
Policy and Social Science Research Using Multiple Data Sources and
State-of-the-Art Estimation Methods**

December 16, 2015
The National Academies of Sciences, Engineering, and Medicine
2101 Constitution Avenue NW, Lecture Room
Washington, DC

**AGENDA FOR THE WORKSHOP ON THE USE OF ALTERNATIVE AND
MULTIPLE DATA SOURCES FOR FEDERAL STATISTICS**

OPEN SESSION

8:00 am *Continental Breakfast available outside the Lecture room*

8:45 am **Welcome, Introductions, and Goals of the Workshop**
Bob Groves, Georgetown University, Panel Chair

9:00 am – 10:15 am Session I: Legal and Policy Issues of Using Alternative Data Sources

9:00 am Legal and Policy Issues for Statistical Agencies Accessing and Providing
Administrative Data: An Overview
Shelly Martinez, Office of Management and Budget

9:20 am Accessing Government Records: Authorities and Agreements
Amy O'Hara, Census Bureau

9:40 am Public Attitudes towards Possible Use of Administrative Records to Supplement
the U.S. 2020 Census
Jennifer Hunter Childs, Census Bureau

10:00 am Question & Answer

10:15 am – 10:30 am **BREAK**

10:30 am – 12:10 pm

Session II: Evaluation of Errors in Alternative Sources

10:30 am Management of Quality, Cost and Risk in BLS Work with Alternative Data Sources
John Eltinge, Bureau of Labor Statistics

10:55 am Matching American Housing Survey to tax assessment data: some preliminary findings.
Shawn Bucholtz, Housing and Urban Development

11:10 am Results from the 2012 Commercial Buildings Energy Consumption Survey Energy Usage Data Validation Study
Joelle Michaels, Energy Information Administration

11:25 am Using Proprietary Household and Retail Scanner Data in Food Policy Research
Megan Sweitzer, Economic Research Service

11:40 am An Automated System for Transforming National Criminal History Records into Statistical Databases
Howard Snyder, Bureau of Justice Statistics

11:55 am Question & Answer

12:10 pm – 1:10 pm Working Lunch and interaction with agency presenters

Box lunches are provided for all attendees

1:10 pm – 3:15 pm

Session III: Combining Multiple Data Sources

1:10 pm Using commercial data to estimate spending
Dennis Fixler, Bureau of Economic Analysis

1:35 pm Overview of Census Bureau efforts to combine data to improve economic and social measurement
Ron Jarmin, Census Bureau

2:00 pm On Combining Multiple Sources of Information to Enhance NASS Crop Estimates
Nathan Cruze, National Agricultural Statistics Service

2:15 pm Integration of Administrative Record Data into Sample Surveys Conducted by the National Center for Education Statistics
Chris Chapman, National Center for Education Statistics

2:30 pm Using public and private data sets to enhance the research value of FoodAPS
John Kirlin, Economic Research Service

2:45 pm Measuring All Freight Movement in the United States.
Rolf Schmitt, Bureau of Transportation Statistics

3:00 pm Question & Answer

3:15 pm - 3:30 pm BREAK

3:30 pm – 5:00 pm Session IV: Examining Alternative Data Sources

3:30 pm Use of Electronic Health Records by the National Health Care Surveys
Clarice Brown, National Center for Health Statistics

3:45 pm The 2015 Arrest-Related Deaths (ARD) Pilot Program
Mike Planty, Bureau of Justice Statistics

4:00 pm A feasibility study of linking SED to UMETRICS and ProQuest
Wan-Ying Chang, National Center for Science and Engineering Statistics

4:15 pm Objective Measures of Physical Activity: Considerations for Data Management, Processing, and Public Release
Tala Fakhouri, National Center for Health Statistics

4:30 pm ERS use of Food Assistance Administrative Records
Mark Prell, Economic Research Service

4:45 pm Question & Answer

5:00 pm **Adjourn**