



NEWS from CNSTAT

— September 26, 2016 —

PEOPLE *News*

We note with sorrow the death of **John C. Bailar, III**, at age 83 on September 6, 2016, at his home in Mitchellville, Maryland. John received his B.A. in chemistry from the University of Colorado, his MD from Yale University, and his Ph.D. in statistics from the American University (where he met his wife, Barbara, former senior vice president for survey research at NORC, executive director of the American Statistical Association, and associate director for statistical standards and methodology at the U.S. Census Bureau). John began his career as an epidemiologist and biostatistician at the National Cancer Institute, writing seminal papers on breast cancer and mammography, bladder cancer, prostate cancer, and the comparisons of different cancer treatments. After two years at the Veterans Administration as director of research services, he returned to the National Cancer Institute for another eight years, during which time he edited their journal. After leaving government, John became a lecturer at Harvard University, chair of the Department of Epidemiology and Statistics at McGill University, and chair of the Department of Health Studies at the University of Chicago. During his time at Harvard and McGill, he was also a statistical consultant to the *New England Journal of Medicine*. He became a scholar in residence at the National Academy of Medicine (he was elected as a member of the NAM in 1993), where he served as chair or member of over 30 study committees and monitored the review of many reports, serving on the National Academies Report Review Committee for 10 years. Among his many honors and awards, he was elected as a member of the Collegium Ramazzini, a fellow of the American Statistical Association, and a fellow of the American Association for the Advancement of Science. He received a distinguished service medal from the Council of Biology Editors and was awarded a MacArthur Fellowship in 1990. A memorial service for John is to be conducted at 3 p.m. on Sunday, October 9, 2016, in the Chapel of Collington Retirement Community, 10450 Lottsford Road, Mitchellville, MD.

We congratulate **William (Bill) Eddy**, John C. Warner professor of statistics (emeritus), Carnegie Mellon University, on receiving the **Jerome Sacks Award for Cross-Disciplinary Research** from the Board of Trustees of the National Institute of Statistical Sciences (NISS). Bill was honored for “serving as a model statistician engaged in cross-disciplinary research, including his pioneering work at the interface of statistics and computing, his research over several decades on functional Magnetic Resonance Imaging (fMRI) data, his contributions to the analysis of census data and statistics in forensic science, and especially for introducing hundreds of undergraduate and graduate students to cross-disciplinary research outside the classroom.” Bill is a lifetime national associate of the National Academies and chaired CNSTAT from 2004–2010. The award was presented at the NISS reception at the Joint Statistical Meetings in August 2016.

We call attention to an [article](#) featuring **Brian Harris-Kojetin**, deputy director of CNSTAT, in the September 2016 *Amstat News* (pp. 12–14). The article, by Grace Medley, features Brian’s role as a mentor to so many in federal statistics (he received the Jeanne E. Griffith Mentoring Award in 2013), and is part of a special issue on mentoring.

PUBLICATION *News*

Advancing Concepts and Models for Measuring Innovation: Proceedings of a Workshop, released in prepublication format, September 16, 2016, summarizes the presentations and discussion from a workshop held in May 2016 for the National Center for Science and Engineering Statistics, organized by a steering committee chaired by Scott Stern (MIT). Because of the role of innovation as a driver of economic productivity and growth and as a mechanism for improving people's well-being in other ways, understanding the nature, determinants, and impacts of innovation has become increasingly important to policy makers. To be effective, investment in innovation requires this understanding, which, in turn, requires measurement of the underlying inputs and subsequent outcomes of innovation processes. The workshop brought together academic researchers, private and public sector experts, and representatives from public policy agencies to develop strategies for broadening and modernizing innovation information systems. The workshop proceedings, prepared by Christopher Mackie, is available as a free [PDF](#) and will be in print shortly.

Reducing Respondent Burden in the American Community Survey: Proceedings of a Workshop, released in prepublication format, September 19, 2016, summarizes the presentations and discussion from a workshop held in March 2016, sponsored by the U.S. Census Bureau and organized by a steering committee chaired by Linda Gage (California Department of Finance, retired) and Joseph Salvo (NYC Department of City Planning). Although people in the United States have historically been reasonably supportive of federal censuses and surveys, they are increasingly unavailable or not willing to respond to interview requests from federal—as well as private—sources. Moreover, even when people agree to respond to a survey, they increasingly decline to complete all questions. The workshop considered approaches to reducing respondent burden in the ACS, such as building respondent support through effective communication, using administrative records to substitute for questions, using improved sampling, and tailoring data collection for people in group quarters. The workshop proceedings, prepared by Thomas Plewes, is available as a free [PDF](#) and will be in print shortly.

The Economic and Fiscal Consequences of Immigration, released in prepublication format, September 21, 2016, is the final report of the Panel on the Economic and Fiscal Consequences of Immigration, chaired by Francine Blau (Cornell University) and sponsored by the John T. and Catherine D. MacArthur Foundation and the Independent Funds of the National Academies of Sciences, Engineering, and Medicine. The report, edited by Francine Blau and Christopher Mackie, is available as a free [PDF](#) and will be in print shortly.

More than 40 million people living in the United States were born in other countries, and almost an equal number have at least one foreign-born parent. Together, the first generation (foreign-born) and second generation (children of the foreign-born) comprise almost one in four Americans. It comes as little surprise, then, that many U.S. residents view immigration as a major policy issue facing the nation. Not only does immigration affect the environment in which everyone lives, learns, and works, but it also interacts with nearly every policy area of concern, from jobs and the economy, education, and health care, to federal, state, and local government budgets. The changing patterns of immigration and the evolving consequences for American society, institutions, and the economy continue to fuel public policy debate that plays out at the national, state, and local levels. The *Economic and Fiscal Consequences of Immigration* assesses the impact of dynamic immigration processes on economic and fiscal outcomes for the United States—for a capsule summary of its findings and conclusions, see the attached press release.

REPORTS RELEASED IN 2016 NOW AVAILABLE IN PRINTED FORM (& as free PDFs)

Measuring Recovery from Substance Use or Mental Disorders: Workshop Summary (first released as a prepublication, August 12, 2016)

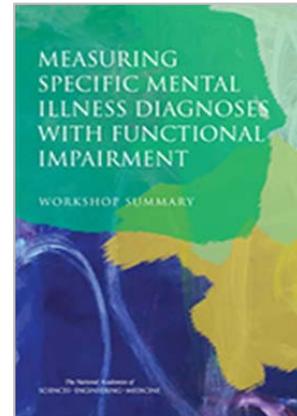
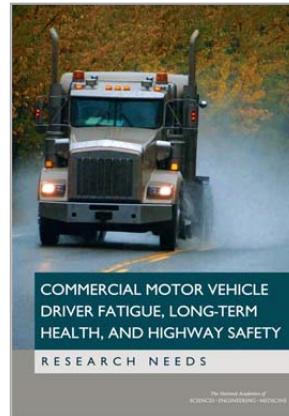
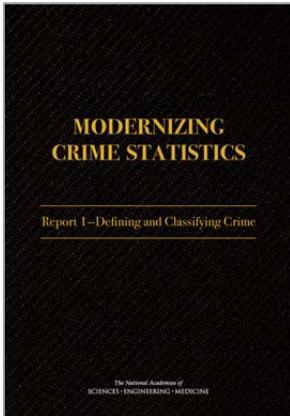
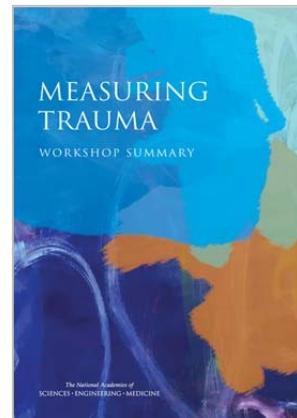
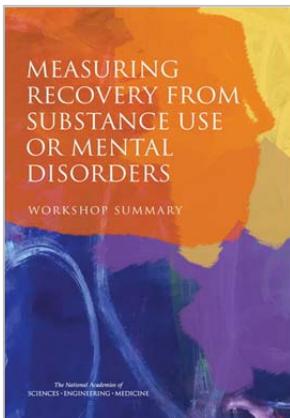
Using Linked Census, Survey, and Administrative Data to Assess Longer-Term Effects of Policy: Proceedings of a Workshop—in Brief (released July 19, 2016)

Measuring Trauma: Workshop Summary (first released as a prepublication, June 3, 2016)

Modernizing Crime Statistics—Report 1: Defining and Classifying Crime (first released as a prepublication, May 16, 2016)

Commercial Motor Vehicle Driver Fatigue, Long-Term Health, and Highway Safety: Research Needs (first released as a prepublication, March 10, 2016)

Measuring Specific Mental Illness Diagnoses with Functional Impairment (first released as a prepublication, February 12, 2016)



Reminder: PDF versions of CNSTAT and National Academies reports are available for free download at *The National Academies Press* website, <http://www.nap.edu>. The download site asks for your e-mail and a password. If you don't have an NAP account and don't want to have one, then provide your e-mail and click "I don't have an account;" on the next page click "accept NAP policies" and "log in as guest".

Reminder: Slides from previous CNSTAT public seminars are available on the CNSTAT [public seminars and symposia](#) page; slides from several major workshops are available on the [presentations](#) page on the CNSTAT website. The most recent addition to the presentations section is "[Multiple Data Sources Presentations](#)," which links to presentations from recent workshops and meetings for CNSTAT's [Panel on Improving Federal Statistics for Policy and Social Science Research Using Multiple Data Sources and State-of-the-Art Estimation Methods](#).

EVENT & OTHER *News*

We call your attention to the **26th Annual Morris Hansen Lecture**, "Hard-to-Survey Populations and the U.S. Decennial Census," to be held Tuesday, November 29, 2016, 3:30 – 5:30 pm, Jefferson Auditorium, U.S. Department of Agriculture, Independence Avenue (between 12th and 14th Streets SW). The speaker is **Nancy Bates**, senior researcher for survey methodology, U.S. Census Bureau. Discussants are **Brad Edwards**, vice president, Westat, Rockville, MD, and **Linda Jacobsen**, vice president, U.S. Programs, Population Reference Bureau, Washington, DC.

Abstract: This presentation will profile historically hard-to-survey populations in the U.S. Decennial Census. The talk will emphasize methods for locating these populations and the emergence of social marketing campaigns as a means to encourage participation. Drawing upon experience from the 1990, 2000, and 2010 censuses, I will discuss why a population may be hard to survey using the framework set forth by Tourangeau (2014), i.e., hard to identify, locate, persuade, or interview. The lecture will describe methods used in previous Censuses to define and locate hard-to-count segments of the population and describe techniques the agency has employed to overcome the challenges. The talk will include results from a recent test of a new response platform planned for the 2020 Census (digital advertising). The presentation will also discuss the Low Response Score (LRS), a new metric to identify Census tracts and block groups containing a high proportion of hard-to-survey households. The presentation will also demonstrate a prototype LRS mapping application designed to help field staff, Census managers, partnership specialists, local officials, and other community stakeholders locate, map, and more easily describe hard-to-survey areas under their jurisdiction.

CNSTAT *Meetings*

CNSTAT holds three regular meetings each year, with its spring and fall meeting dates following a set formula; our May meetings are always the Thursday–Friday preceding Mother's Day and our October meetings are always the second-to-last Thursday–Friday of the month. Here are the next three meetings:

CNSTAT's 131st meeting will be held **October 20-21, 2016**, in the *National Academy of Sciences Building* at 2101 Constitution Avenue NW, Washington, DC. On the **21st**, the meeting will feature a luncheon with statistical agency heads (members of the Interagency Council on Statistical Policy, ICSP), followed by a public seminar, beginning with light refreshments at 1:30 pm and ending with a reception at 4:30 pm.

CNSTAT's 132nd meeting will be held **February 10-11, 2017**, at the National Academies Keck Center in Washington, DC. It will be in retreat format.

CNSTAT's 133rd meeting will be held **May 11-12, 2017**, at the **National Academy of Sciences Building** at 2101 Constitution Avenue NW, Washington, DC. On the 12th, the meeting will feature a luncheon with statistical agency heads (members of the ICSP), followed by a public seminar, beginning with light refreshments at 2 pm and ending with a reception at 4:30 pm.

NOTE: Presentations from the joint CNSTAT/NSF-Census Research Network (NCRN) set of workshops and public seminar at the May 8, 2015, CNSTAT meeting are available on the NCRN [site](#). Presentations from the October 23, 2015, CNSTAT public seminar on "Reengineering the 2020 Census" are available on the CNSTAT web site under [News and Events/Public Seminars and Other Symposia](#). Presentations from the May 6, 2016, CNSTAT public seminar on "Combining Information from Survey and Non-Survey Data Sources for Policy Research: Challenges and Opportunities" are available on the CNSTAT [website](#).

Active **PANELS & WORKSHOPS**

[Listed by sponsor agency, beginning with federal departments. Unless otherwise noted, meetings are in Washington, DC, and include open sessions. For further information, contact the person listed as the study director or project assistant (e-mail addresses follow the formula of first initial plus last name as oneword@nas.edu). Also see the CNSTAT [web site](#) under "Our Work."]

Department of Agriculture

Panel on Methods for Integrating Multiple Data Sources to Improve Crop Estimates

Sponsor: National Agricultural Statistics Service

Duration: September 2014–September 2017

Study director: Nancy Kirkendall; project assistant: Mary Ann Kasper

Chair: Mary Ellen Bock (Purdue University)

Publication planned: Final report

Upcoming meetings: Third meeting scheduled for October 6-7, 2016, in Washington, DC.

Panel on Improving Data Collection and Reporting about Agriculture with Increasingly Complex Farm Business Structures

Sponsor: National Agricultural Statistics Service and Economic Research Service

Duration: September 2015–September 2018

Study director: Christopher Mackie; project assistant: Michael Siri

Chair-designate: Catherine Kling (Iowa State University)

Publication planned: Final report

Upcoming meetings: First meeting scheduled for October 31-November 1, 2016, in Washington, DC

Workshop on Model-Based Methods for Producing Estimates of Livestock with Appropriate Measures of Uncertainty [on hold]

Sponsor: National Agricultural Statistics Service

Duration: September 2015– September 2018

Study director: Nancy Kirkendall; project assistant: Mary Ann Kasper

Chair: TBD

Publication planned: Workshop proceedings
Upcoming meetings: TBD

Department of Commerce

Panel to Reengineer the Census Bureau's Annual Economic Surveys

Sponsor: U.S. Census Bureau
Duration: May 2015–May 2018
Study director: Glenn White; senior program officer: Nancy Kirkendall; project assistant: Mary Ann Kasper
Chair: Katharine Abraham (University of Maryland)
Publication: Final report
Upcoming meetings: Fourth meeting scheduled for October 27-28, 2016, in Washington, DC

Panel to Review and Evaluate the 2014 Survey of Income and Program Participation Content and Design

Sponsor: U.S. Census Bureau
Duration: September 2013–November 2016
Study director: Carol House; project assistant: Agnes Gaskin; research associate: Adrienne Bradford
Chair: John Czajka (Mathematica Policy Research)
Publication planned: Final report
Upcoming meetings: Fifth meeting scheduled for October 10-11, 2016, in Washington, DC

Standing Committee on Reengineering Census Operations

Sponsor: U.S. Census Bureau
Duration: September 2014–September 2019
Study director: Daniel Cork; senior program officer: Michael Cohen; program officer: Jordyn White; project assistant: Anthony Mann
Chair: Thomas Cook (Decision Analytics International)
Publications: Standing committees do not issue reports; they meet for discussion; they also identify topics for separate workshops or consensus panels; this committee has facilitated a consensus panel on reengineering the Census Bureau's annual economic surveys (see above) and will spin off workshops on central topics for 2020 census planning. A [website](#) is maintained for the committee.
Upcoming meetings: Eighth meeting scheduled for January 23-25, 2017, in Washington, DC

Workshop on the Census Bureau's Concept of Operations for Reengineering the 2020 Census [on hold]

Sponsor: U.S. Census Bureau
Duration: September 2015–September 2016
Study director: Michael Cohen; project assistant: Anthony Mann
Chair: TBD
Publication planned: Workshop proceedings
Upcoming meetings: TBD

Workshop on Respondent Burden in the American Community Survey

Sponsor: U.S. Census Bureau
Duration: September 2015–November 2016
Study director: Brian Harris-Kojetin; senior program officers: Michael Cohen, Thomas Plewes; project assistant: Agnes Gaskin
Co-chairs: Linda Gage (California Department of Finance, retired) and Joseph Salvo (NYC Department of City Planning)

Publication: *Reducing Respondent Burden in the American Community Survey: Proceedings of a Workshop* cleared review and was released September 19, 2016 (see “Publication News” above)
Meeting: Workshop held March 8-9, 2016, in Washington, DC

Department of Education

Committee on the National Assessment of Educational Progress (NAEP) Achievement Levels Evaluation (joint with the Board on Testing and Assessment, which has the lead)
Sponsor: National Center for Education Statistics
Duration: September 2014–July 2016
Study director: Judith Koenig (BOTA); program officer: Jordyn White (CNSTAT); project assistant: Kelly Arrington (BOTA)
Chair: Christopher Edley, Jr. (University of California, Berkeley)
Report planned: Final report, *Evaluation of the Achievement Levels for Mathematics and Reading on the National Assessment of Educational Progress*, is undergoing re-review
Meetings: Eighth (last) meeting (closed) held November 16-17, 2015, in Irvine, CA

Department of Health and Human Services

Standing Committee on Integrating New Behavioral Health Measures into SAMHSA’s Data Collection Programs (joint with the Board on Behavioral, Cognitive, and Sensory Sciences and the Board on Health Sciences Policy)
Sponsors: Assistant Secretary for Planning and Evaluation and Substance Abuse and Mental Health Services Administration
Duration: August 2014–September 2016
Study director: Krisztina Marton; senior program officer: Jeanne Rivard (BBCSS); senior program officer: Adrienne Stith Butler (BHSP); project assistant: Michael Siri
Chair: James Jackson (University of Michigan)
Publications: Standing committees do not issue reports; they meet for discussion; they also identify topics for separate workshops or consensus panels; this committee facilitated workshops on the topics of **measuring serious emotional disturbance in children** (workshop summary released in prepublication format on November 23, 2015, printed copies and free [PDFs](#) available); **specific mental illness diagnoses with any functional impairment** (workshop summary released in prepublication format, February 12, 2016, printed copies and free [PDFs](#) available); **trauma** (workshop summary released in prepublication format, June 3, 2016, printed copies and free [PDFs](#) available); and **recovery** (workshop summary released in prepublication format, August 12, 2016, printed copies and free [PDFs](#) available). A [website](#) is maintained for the committee.
Meetings: Final meeting held May 26-27, 2016, in Washington, DC

Workshop on Improving Data on Criminal Justice System Involvement in Population Health Data Collections
Sponsor: Office of Minority Health
Duration: September 2015–September 2016
Study director: Jordyn White; senior program officer: Carol House; associate program officer: Esha Sinha; project assistant: Agnes Gaskin
Chair: Wendy Manning (Bowling Green University)
Publication planned: Workshop proceedings is in response to review
Meeting: Workshop held March 29-30, 2016, in Washington, DC.

Department of Justice

Panel on Modernizing the Nation's Crime Statistics (joint with the Committee on Law and Justice)

Sponsor: Bureau of Justice Statistics and Federal Bureau of Investigation

Duration: September 2013–March 2017

Study director: Daniel Cork; program officer: Jordyn White; project assistant: Michael Siri

Chair: Janet Lauritsen (University of Missouri–St. Louis)

Reports planned: First report, *Modernizing Crime Statistics—Report 1: Defining and Classifying Crime*, was released in prepublication format, May 16, 2016; printed copies and free [PDFs](#) are available; second report is being drafted

Upcoming meetings: Final in-person meeting is being scheduled for January 2017 in Washington, DC

Department of Transportation

Panel to Review the Compliance, Safety, and Accountability Program of the Federal Motor Carrier Safety Administration (joint with the Transportation Research Board)

Sponsor: Federal Motor Carrier Safety Administration

Duration: March 2016–September 2017

Study director: Michael Cohen; senior program officer: Richard Pain; associate program officer: Esha Sinha; TRB Studies and Special Programs Division director: Stephen Godwin; project assistant: Michael Siri; off-site research associate: Jacob Spertus (Harvard)

Co-chairs: Joel Greenhouse (Carnegie Mellon) and Sharon-Lise Normand (Harvard Medical School)

Publication planned: Final report

Upcoming meetings: Third meeting scheduled for December 15-16, 2016, in Washington, DC

National Science Foundation

Panel to Evaluate the National Center for Science and Engineering Statistics Approach to Measuring the Science and Engineering Workforce

Sponsor: National Center for Science and Engineering Statistics

Duration: September 2015–March 2018

Study director: Krisztina Marton; project assistant: Anthony Mann

Co-chairs: Rita Colwell (University of Maryland and Johns Hopkins University) and James House (University of Michigan)

Publication planned: Final report

Upcoming meetings: Third meeting scheduled for October 20-21, 2016, in Washington, DC

Standing Committee on the Future of Major NSF-Funded Social Science Surveys

Sponsor: National Science Foundation, Directorate on Social, Behavioral, and Economic Sciences

Duration: March 2015–March 2017

Study director: Cynthia Thomas; project assistant: Eileen LeFurgy

Chair: Barbara Entwistle (University of North Carolina)

Publications: Standing committees do not issue reports; they meet for discussion; they may also facilitate separate workshops or consensus panels. A [website](#) is maintained for the committee.

Upcoming meetings: Third in-person meeting scheduled for October 6-7, 2016, in Washington, DC (by invitation)

Workshop on Prioritizing and Implementing Improvements to Innovation Indicators

Sponsor: National Center for Science and Engineering Statistics

Duration: September 2015–September 2016

Study director: Christopher Mackie; project assistant: Anthony Mann

Chair: Scott Stern (MIT)

Publication: *Advancing Concepts and Models for Measuring Innovation: Proceedings of a Workshop* cleared review and was released in prepublication format, September 16, 2016 (see “Publication News” above)

Meetings: Workshop held May 19-20, 2016, in Washington, DC

Workshop on Transparency and Reproducibility in Federal Statistics

Sponsor: National Science Foundation

Duration: March 2016–March 2017

Study director: Michael Cohen; senior program officer: Hermann Habermann; project assistant: Michael Siri

Chair: William Eddy (Carnegie Mellon University)

Publication planned: Workshop proceedings

Upcoming meetings: Planning meeting scheduled for October 4, 2016, in Washington DC

The Carnegie Corporation of New York

Standing Committee on Creating the American Opportunity Study, First Phase

Sponsor: The Carnegie Corporation of New York

Duration: April 2015–March 2017

Study director: Carol House; project assistant: Agnes Gaskin

Chair: Michael Hout (NYU)

Reports: Standing committees do not issue reports; they meet for discussion; they also identify topics for separate workshops or consensus panels; this committee facilitated a workshop, May 9, 2016, on research uses of the American Opportunity Study (AOS), which is being developed to measure intergenerational mobility by linking 1990 census records (after capturing the necessary information) with subsequent census records, American Community Survey records, and administrative records that become available. The result will be a facility for researchers to obtain extracts of linked files for analysis within the Federal Statistical Research Data Center network (formerly the Census Bureau RDC network). The First-Phase AOS is to address the challenges of capturing linking information for the 1990 census short-form and long-form records, to evaluate the likely quality of matches with other records, and to propose the next phase of work. A “workshop in brief” proceedings of the May workshop was released July 19, 2016, and is available for download as a free [PDF](#). Presentation [slides](#) from the May workshop are also available.

Upcoming meetings: Third meeting TBD

The John D. and Catherine T. MacArthur Foundation

Panel on the Economic and Fiscal Consequences of Immigration

Sponsor: The John D. and Catherine T. MacArthur Foundation

Duration: May 2013–October 2016

Study director: Christopher Mackie; associate program officer: Esha Sinha; project assistant: Anthony Mann

Chair: Francine Blau (Cornell University)

Publication: Final report, *The Economic and Fiscal Consequences of Immigration*, cleared review and was released as a prepublication, September 21, 2016 (see “Publication News” above)
Meetings: Seventh and final meeting (closed) held September 11-12, 2015, in Washington, DC

The Laura and John Arnold Foundation

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

Sponsor: The Laura and John Arnold Foundation

Duration: April 2015–December 2017

Study director: Brian Harris-Kojetin; research assistant: George Schoeffel; project assistant: Agnes Gaskin

Chair: Robert Groves (Georgetown University)

Publications planned: Two reports; first report is being drafted. A [website](#) is maintained for the committee.

Upcoming meetings: Sixth meeting scheduled for December 14-15, 2016

• CONTACT INFORMATION for CNSTAT •

Committee on National Statistics

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– See our website for previous issues of *News from CNSTAT*, under “CNSTAT News” –

The Committee on National Statistics was established in 1972 at the National Academies of Sciences, Engineering, and Medicine to improve the statistical methods and information on which public policy decisions are based. The committee carries out studies, workshops, and other activities to foster better measures and fuller understanding of the economy, the environment, public health, crime, education, immigration, poverty, welfare, and other public policy issues. It also evaluates ongoing statistical programs and tracks the statistical policy and coordinating activities of the federal government, serving a unique role at the intersection of statistics and public policy. The committee’s work is supported by a consortium of federal agencies through a National Science Foundation grant.