

## Celebrating 50 years of Service to the Statistical Community 1972-2022

Committee on National Statistics • National Academies of Sciences, Engineering, and Medicine

### UPCOMING EVENTS

#### **PLEASE NOTE**

*The National Academies is holding some meetings in person and virtually for some events, but virtual options are available. All times are Eastern.*

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| <b>May 16, 2022</b><br><b>May 18, 2022</b><br><i>Virtual Only</i> | <b>Toward a Vision for a New Data Infrastructure for Federal Statistics and Social and Economic Research in the 21st Century Workshop 2: The Implications of Using Multiple Data Sources for Major Survey Programs;</b> see this <a href="#">site</a> for details. Agenda included at the end of the newsletter. |
| <b>May 16, 2022</b><br><i>Virtual Only</i>                        | <b>Public Meeting of the Panel on an Integrated System of Household Income, Wealth, and Consumption Data and Statistics to Inform Policy and Research;</b> see this <a href="#">site</a> for details.  |
| <b>June 21-23, 2022</b><br><i>Hybrid</i>                          | <b>Public Workshop on 2020 Census Data Products: Housing and Demographic Characteristics, details forthcoming</b>  |

### PEOPLE NEWS

#### **CNSTAT Welcomes Karin A. Orvis as Chief Statistician at OMB**

Dr. Karin A. Orvis was named as the Chief Statistician and Branch Chief for Statistical and Science Policy in the Office of Management and Budget. Previously, Dr. Orvis served in executive-level roles in the U.S. Department of Defense (DoD), strategically leading multidisciplinary, interagency teams in designing, implementing, and evaluating enterprise-wide policies and programs via the use of data, statistical analysis, research, and information management as a strategic asset. Most recently she served as the Director of the Defense Suicide Prevention Office, responsible for suicide prevention programs DoD-wide, with a portfolio spanning policy, program development and evaluation, data analysis and reporting, research, outreach and engagement. She also served as the Acting Principal Director of Military Community and Family Policy, responsible for the military community quality-of-life programs for service members and their families, as well as the Director of the Transition to Veterans Program Office, where she led the interagency Transition Assistance Program, ensuring that service members are fully prepared to transition from active duty to civilian life. As part of the presidentially-directed Veterans Employment Initiative Task Force, Dr. Orvis planned and executed a large-scale, statistical and data-driven pilot program evaluation that was eventually adopted in over 200 locations. Throughout all of her federal roles, she strategically leveraged data collection methods, statistical analysis, research, and program evaluation to drive policymaking, and directed and oversaw interdisciplinary research to develop new strategies to

shape future policies and programs. Dr. Orvis holds a Doctorate and a Master of Arts in Industrial/Organizational Psychology from George Mason University, and a Bachelor of Science in Psychology from Michigan State University.

### ***CNSTAT Congratulates Emilda Rivers on Receiving the AAPOR Public Service Award***

The American Association for Public Opinion Research presented its 2022 Public Service award to Emilda Rivers to honor her distinguished accomplishments across many public service roles both within her agency and across agencies. Her direction and vision when leading these high-profile interagency efforts demonstrate a commitment to public service and a dedication to maintaining the high quality of AAPOR standards and government-wide evidence-building research activities. AAPOR cited her “integrity, dedication to transparency and a strong commitment to public service throughout her career,” including her service as director of the National Center for Science and Engineering Statistics (NCSES) within the National Science Foundation (NSF); as chair of the Advisory Committee on Data for Evidence Building (ACDEB); and as co-chair of the Executive Committee for the Federal Statistical Research Data Centers, among other roles. AAPOR also praised Emilda for consistently championing “the diversity of perspectives needed to ensure that U.S. federal statistics are as useful and accessible as possible to the American public and decision-makers.

### ***CNSTAT Welcomes EIA Administrator Joseph DeCarolis***

Joseph DeCarolis was confirmed as administrator of the U.S. Energy Information Administration (EIA) on March 31, 2022. Previously he served as a professor in the Department of Civil, Construction, and Environmental Engineering at North Carolina State University. He also previously worked as an environmental scientist in the U.S. Environmental Protection Agency’s Office of Research and Development, where he engaged in energy systems modeling to quantify the air pollution impacts from future energy system development. His career and publications have centered on addressing energy and environmental challenges as they relate to engineering, economics, and public policy. His core research involves developing and applying energy system models to examine energy futures under uncertainty. His awards include the NC State Outstanding Teaching Award, and the NC State Alcoa Foundation Engineering Research Achievement Award. He received a Ph.D. in engineering and public policy from Carnegie Mellon University, and he holds a B.S. in physics and environmental science and policy from Clark University in Worcester, Massachusetts.

## **RECENT EVENTS AND REPORTS**

### ***CNSTAT Seminar: Measuring Sex, Gender Identity, and Sexual Orientation, April 4, 2022***

Video and other materials available from this [site](#).

### ***CNSTAT Seminar: Transparency in Statistical Information for Federal Agencies, December 17, 2021***

Video and other materials available from this [site](#).

### ***Toward a Vision for a New Data Infrastructure for Federal Statistics and Social and Economic Research in the 21st Century Workshop 1: The Scope, Components, and Characteristics of a 21st Century Data Infrastructure, December 9 and 16, 2021***

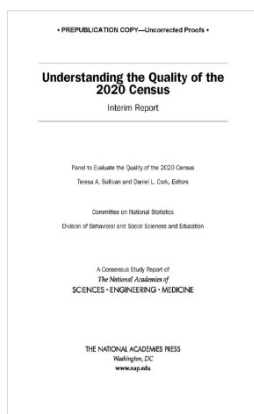
Video and other materials available from this [site](#).

REMINDER: Slides from previous CNSTAT public seminars are available on the CNSTAT [public seminars](#) page.

**Modernizing the Consumer Price Index** consensus report, chaired by Daniel Sichel (Wellesley College) and sponsored by Bureau of Labor Statistics will be released on May 3, 2022.

The Consumer Price Index (CPI), produced by the Bureau of Labor Statistics (BLS), is the most widely used measure of inflation in the U.S. It is used to determine cost-of-living allowances and, among many other important private- and public-sector applications, influences monetary policy. The CPI has traditionally relied on field-generated data, such as prices observed in person at grocery stores or retailers. However, as these data have become more challenging and expensive to collect in a way that reflects an increasingly dynamic marketplace, statistical agencies and researchers have begun turning to opportunities created by the vast digital sources of consumer price data that have emerged. The enormous economic disruption of the COVID-19 pandemic, including major shifts in consumers' shopping patterns, presents a perfect case study for the need to rapidly employ new data sources for the CPI.

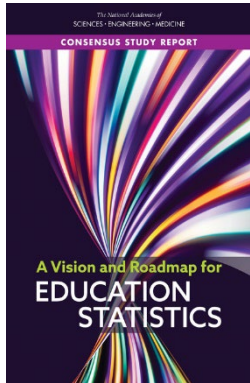
This report presents guidance to BLS as the agency embarks on a strategy of accelerating and enhancing the use of scanner, web-scraped, and digital data directly from retailers in compiling the CPI. The report also recommends strategies for BLS to more accurately estimate the composition of households' expenditures — or market basket shares — by updating this information more frequently and using innovative survey techniques and alternative data sources where possible. The report provides targeted guidance for integrating new data sources to improve the CPI's estimation of changes in the prices of housing and medical care, two consumer expenditure categories that are traditionally difficult to measure. Because of the urgency of issues related to income and wealth inequality, the report also recommends that BLS identify data sources that would allow it to estimate price indexes defined by income quintile or decile.



**Understanding the Quality of the 2020 Census: Interim Report**, a consensus report, chaired by Teresa Sullivan (University of Virginia) and sponsored by the U.S. Census Bureau, was released April 7, 2022. Free PDFs are available [here](#).

The decennial census is foundational to the functioning of American democracy, and maintaining the public's trust in the census and its resulting data is a correspondingly high-stakes affair. The 2020 Census was implemented in the face of severe operational challenges, the need to adapt to the COVID-19 pandemic, natural disasters, and other disruptions. This interim report from a panel of the Committee on National Statistics discusses concepts of error and quality in the decennial census as prelude to the panel's forthcoming fuller assessment of 2020 Census data, process measures, and quality metrics. The panel will release a final

report that will include conclusions about the quality of the 2020 Census and make recommendations for further research by the U.S. Census Bureau to plan the 2030 Census.



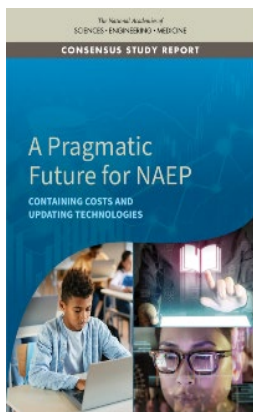
***A Vision and a Roadmap for Education Statistics***, a consensus report chaired by Larry Hedges (Northwestern University) and sponsored by the U.S. Department of Education, was released April 7, 2022. Free PDFs are available [here](#).

The education landscape in the United States has been changing rapidly in recent decades: student populations have become more diverse; there has been an explosion of data sources; there is an intensified focus on diversity, equity, inclusion, and accessibility; educators and policy makers at all levels want more and better data for evidence-based decision making; and the role of technology in education has increased dramatically. With awareness of this changed landscape the Institute of Education Sciences at the U.S. Department of Education asked the National Academies of Sciences, Engineering, and Medicine to provide a vision for the National Center for Education Statistics (NCES)—the nation's premier statistical agency for collecting, analyzing, and disseminating statistics at all levels of education. ***A Vision and Roadmap for Education Statistics*** reviews developments in using alternative data sources, considers recent trends and future priorities, and suggests changes to NCES's programs and operations, with a focus on NCES's statistical programs. The report reimagines NCES as a leader in the 21st century education data ecosystem, where it can meet the growing demands for policy-relevant statistical analyses and data to more effectively and efficiently achieve its mission, especially in light of the Foundations for Evidence-Based Policymaking Act of 2018 and the 2021 Presidential Executive Order on advancing racial equity. The report provides strategic advice for NCES in all aspects of the agency's work including modernization, stakeholder engagement, and the resources necessary to complete its mission and meet the current and future challenges in education.



***Improving Consent and Response in Longitudinal Studies of Aging: Proceedings of a Workshop***, summarizing the presentations at a workshop chaired by Michael Davern (NORC at the University of Chicago) and sponsored by the National Institute on Aging, was released March 29, 2022. Free PDFs are available [here](#).

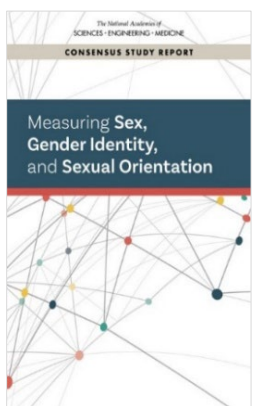
The workshop included presentations by NIA funded studies at the beginning to provide key background for the participants. The workshop included sessions focused on ways to identify and reduce selection bias, improve participant engagement, and maximize respondent retention. There were also sessions examining the ethical considerations and complexity of obtaining informed consent. Innovation was the focus of two sessions of the workshop that examined data linkage and innovative strategies for improving consent and response. The wrap-up session at the end of the workshop included reflections by the planning committee members on what they saw as the key themes and research priorities for NIA. Some of these priorities included maintaining contact over time, being sensitive to geographic differences, gaining more insight into why people consent, and enhancing data and statistical methods for bias reduction.



## A Pragmatic Future for NAEP: Containing Costs and Updating

**Technologies**, a consensus report chaired by Karen Mitchell (American Association of Medical Colleges, retired) and sponsored by the Department of Education, was released March 24, 2022. Free PDFs are available [here](#). The report recommends changes to the administration and program management of the National Assessment of Educational Progress (NAEP). Often called “The Nation’s Report Card”, this program is the largest nationally representative and continuing assessment of what students in public and private schools in the United States know and can do in various subjects and has provided policy makers and the public with invaluable information on U.S. students for more than 50 years. However, costs for this program have risen substantially in recent years, now costing \$175.2 million per year. The report identifies areas where federal

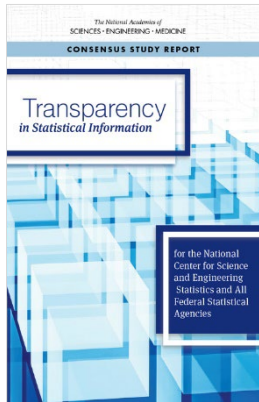
administrators could take advantage of savings, such as new technological tools and platforms as well as efforts to use local administration and deployment for the tests. Additionally, the report recommends areas where the program should clearly communicate about spending and undertake efforts to streamline management. The report also provides recommendations to increase the visibility and coherence of NAEP’s research activities.



**Measuring Sex, Gender Identity, and Sexual Orientation**, a consensus report co-chaired by Nancy Bates (Census Bureau, retired) and Marshall Chin (University of Chicago) and sponsored by the National Institutes of Health, was released March 9, 2022. Free PDFs are available [here](#).

Sex, gender identity, and sexual orientation are key indicators of the demographic diversity in the United States. Sex and gender are often conflated under the assumptions that they are mutually determined and do not differ from each other; however, the growing visibility of transgender and intersex populations, as well as efforts to improve the measurement of sex and gender across many scientific fields, has demonstrated the need to reconsider how sex, gender, and the relationship between them are conceptualized. This in turn affects sexual orientation, because it is defined on the basis of the relationship between a person's own sex or gender and that of their actual or preferred partners. Sex, gender, and sexual orientation are core aspects of identity that shape opportunities, experiences with discrimination, and outcomes through the life course; therefore, it is crucial that measures of these concepts accurately capture their complexity and reflect the diversity within the lesbian, gay, bisexual, transgender, queer, intersex, and other sexual and gender minorities—the LGBTQI+ population. LGBTQI+ people continue to experience disparate and inequitable treatment, which in turn affects outcomes in many areas of everyday life. *Measuring Sex, Gender Identity, and Sexual Orientation* recommends that NIH adopt new practices for collecting data on sex, gender, and sexual orientation and recommends standardized language to be used for questions that ask about a respondent's sex, gender identity, and sexual orientation. Better measurements will improve data quality, as well as the NIH's ability to identify LGBTQI+ populations and understand the challenges they face.





***Transparency in Statistical Information for the National Center for Science and Engineering Statistics and All Federal Statistical Agencies***, a consensus report chaired by Daniel Kasprzyk (NORC) and sponsored by the National Center for Science and Engineering Statistics (NCSES), was released November 18, 2021. Free PDFs are available [here](#).

Widely available, trustworthy government statistics are essential for policy makers and program administrators at all levels of government, for private sector decision makers, for researchers, and for the media and the public. In the United States, principal statistical agencies as well as units and programs in many other agencies produce various key statistics in areas ranging from the science and engineering enterprise to education and economic welfare. Official statistics are often the result of complex data collection, processing, and estimation methods. These methods can be challenging for agencies to document and for users to understand. The goal of transparency is to enable consumers of federal statistics to accurately understand and evaluate how estimates are generated.

*Transparency in Statistical Information for the National Center for Science and Engineering Statistics and All Federal Statistical Agencies* examines the degree to which the information currently provided by NCSES and the other federal statistical agencies is consistent with the goals of being transparent. The panel identified best practices that agencies can use to determine the extent to which their policies are consistent with transparency. The report also explores how NCSES could work with other federal statistical agencies to facilitate the adoption of currently available documentation and archiving standards and tools.

***Building Data Capacity for Patient-Centered Outcomes Research: Interim Report 3—A Comprehensive Ecosystem for PCOR*** was released January 11, 2022. Free PDFs are available [here](#).

***Building Data Capacity for Patient-Centered Outcomes Research: Interim Report 2—Data Standards, Methods, and Policy***, was released October 27, 2021. Free PDFs are available [here](#).

***Building Data Capacity for Patient-Centered Outcomes Research: Interim Report 1—Looking Ahead at Data Needs*** was released September 10, 2021. Free PDFs are available [here](#). All three are consensus reports chaired by George Isham (HealthPartners Institute) and sponsored by the Office of the Assistant Secretary for Planning and Evaluation (ASPE), in the U.S. Department of Health and Human Services (DHHS). ASPE, in partnership with other agencies and divisions of DHHS, coordinates a portfolio of projects that build data capacity for conducting patient-centered outcomes research (PCOR). PCOR focuses on producing scientific evidence on the effectiveness of prevention and treatment options to inform the health care decisions of patients, families, and health care providers, taking into consideration the preferences, values, and questions patients face when making health care choices. ASPE asked the National Academies to appoint a consensus study committee to identify issues critical to the continued development of the data infrastructure for PCOR over the next decade.



As part of its information gathering activities, the committee organized three workshops to collect input from stakeholders on the PCOR data infrastructure focused on: 1) data user needs; 2) data standards methods, and policies; and 3) ways of enhancing collaborations, data linkages, and the interoperability of electronic databases to make the PCOR data infrastructure more useful in the years ahead.

### All Reports Available in Print or PDF

PDFs are downloadable for free from <https://www.nap.edu>

## OTHER NEWS AND EVENTS

**2022 FCSM Research & Policy Conference**  
October 25–27, 2022  
**Abstracts Due**  
**May 16, 2022**

The 2022 FCSM Research and Policy Conference provides a forum for experts and practitioners from around the world to discuss and exchange current methodological knowledge and policy insights about topics of current and critical importance to federal agencies. Submission forms and instructions can be found at <https://fcsm2022.org/>

## CURRENT PROJECT PORTFOLIO *(listed by sponsor)*

### DEPARTMENT OF COMMERCE

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#### **Consensus Panel on Evaluation and Improvements to the Supplemental Poverty Measure**

Sponsor: U.S. Census Bureau

Duration: September 2020–July 2022

Study director: Christopher Mackie; senior scholar: Constance Citro; project assistant: Anthony Mann

Chair: James Ziliak (University of Kentucky)

Publication planned: Consensus report is being drafted

Meetings: Public meeting held January 14, 2022; closed meetings are being held on a monthly basis; see this [site](#) for more information

#### **Consensus Study for a Roadmap for Disclosure Avoidance in the Survey of Income and Program Participation**

Sponsor: U.S. Census Bureau

Duration: September 2021–September 2023

Study director: Brad Chaney; senior program officer: Nancy Kirkendall

Chair-designate: Trivellore (Raghu) Raghunathan (University of Michigan)

Publications planned: final consensus report

Meetings: TBD; see this [site](#) for more information

#### **Consensus Panel to Review and Evaluate the Quality of the 2020 Census**

Sponsor: U.S. Census Bureau

Duration: May 2021–April 2023

Study director: Daniel Cork; senior scholar: Constance Citro; senior program officers: Michael Cohen and Katrina Stone; project assistant: Anthony Mann

Chair: Teresa Sullivan (University of Virginia)

Publications planned: Interim consensus report, *Understanding Quality in the 2020 Census: Interim Report*, was released April 7, 2022 (see “Recent Events and Reports above”); final consensus report is planned

Meetings: Public meeting held November 16, 2021; closed meeting held March 30, 2022; see this [site](#) for more information

### **Workshop on 2020 Census Data Products**

Sponsor: U.S. Census Bureau

Duration: January 2022—July 2023

Study director: Katrina Stone; project assistant: Anthony Mann

Co-chairs: V. Joseph Hotz (Duke University) and Elizabeth Garner (Colorado Department of Local Affairs)

Publications planned: Workshop proceedings

Meetings: Public Workshop (Hybrid): June 21-23, 2022; more information to come

## **DEPARTMENT OF EDUCATION**

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### **Consensus Panel on Opportunities for the National Assessment of Educational Progress in an Age of AI and Pervasive Computation: A Pragmatic Vision**

Sponsor: U.S. Department of Education, Institute of Education Sciences

Duration: January 2021–July 2022

Study director: Stuart Elliott; senior program officer: Judy Koenig; project assistant: Anthony Mann

Chair: Karen Mitchell (American Association of Medical Colleges, retired)

Publication: Consensus report, *A Pragmatic Future for NAEP: Containing Costs and Updating Technologies*, was released March 24, 2022 (see “Recent Events and Reports” above)

Meetings: Closed meeting held September 10, 2021; see this [site](#) for more information

### **Consensus Panel on a Vision and Roadmap for Education Statistics**

Sponsor: U.S. Department of Education, Institute of Education Sciences

Duration: January 2021–July 2022

Study director: Melissa Chiu; senior program officers: Brad Chaney, Nancy Kirkendall; consultant: Celeste Stone; project assistant: Eric Grimes

Chair: Larry Hedges (Northwestern University)

Publication: Consensus report, *A Vision and Roadmap for Education Statistics*, was released April 7, 2022 (see “Recent Events and Reports” above)

Meetings: Closed meetings held January 11, 18, 2022; see this [site](#) for more information

## **DEPARTMENT OF HEALTH AND HUMAN SERVICES**

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### **Consensus Committee on Future Directions for Applying Behavioral Economics to Policy** (*led by Board on Behavioral, Cognitive, and Sensory Sciences*)

Sponsors: National Institutes of Health, Alfred P. Sloan Foundation, W.K. Kellogg Foundation

Duration: January–December 2022

Study Director: Molly Checksfield Dorries; senior program officer: Christopher Mackie

Chair: Alison Bутtenheim (University of Pennsylvania)

Publication planned: Consensus report

Meetings: Public and closed meetings held February 17, March 1, and March 3, 2022; see this [site](#) for more information

### **Consensus Committee on Policies and Programs to Reduce Intergenerational Poverty**

(*led by Board on Children, Youth, and Families*)



**Sponsors:** Administration for Children and Families, Bainum Family Foundation, Doris Duke Charitable Foundation, Foundation for Child Development, National Academy of Sciences W.K. Kellogg Fund, Russell Sage Foundation, W.K. Kellogg Foundation

**Duration:** September 2021–September 2024

**Study Director:** Jennifer Gootman; senior program officer: Christopher Mackie

**Chair:** Greg Duncan (UC Irvine)

**Publication planned:** Consensus report

**Meetings:** Public and closed meetings held April 14-15, 2022; see this [site](#) for more information

### **Consensus Panel on Measuring Sex, Gender Identity, and Sexual Orientation for the National Institutes of Health**

**Sponsor:** National Institutes of Health, Sexual & Gender Minority Research Office

**Duration:** December 2020–May 2022

**Study director:** Tara Becker; senior program officer: Katrina Stone; project assistant: Eric Grimes

**Co-chairs:** Nancy Bates (U.S. Census Bureau, retired), Marshall Chin (University of Chicago)

**Publication:** Consensus report, *Measuring Sex, Gender Identity, and Sexual Orientation*, was released March 9, 2022 (see “Recent Events and Reports” above)

**Meetings:** Closed meeting held November 1, 2021; see this [site](#) for more information

### **Consensus Panel on Building Data Capacity for Patient-Centered Outcomes Research: An Agenda for 2021 to 2030** (in collaboration with the Board on Health Care Services and the Computer Science and Telecommunications Board)

**Sponsor:** Assistant Secretary for Planning and Evaluation

**Duration:** September 2020–November 2022

**Study director:** Krisztina Marton; associate program officers: Crystal Bell and Ruth Cooper; project assistant: Rebecca Krone

**Chair:** George Isham (HealthPartners Institute)

**Publications planned:** Interim reports after each workshop and a final report with findings and conclusions. *Building Data Capacity for Patient-Centered Outcomes Research: Interim Report 1—Looking Ahead at Data Needs* released September 10, 2021; *Building Data Capacity for Patient-Centered Outcomes Research: Interim Report 2—Data Standards, Methods, and Policy*, released October 27, 2021; *Building Data Capacity for Patient-Centered Outcomes Research: Interim Report 3—A Comprehensive Ecosystem for PCOR*, released January 11, 2022; (see “Recent Events and Reports” above); final report, *Building Data Capacity for Patient-Centered Outcomes Research: Priorities for the Next Decade (FINAL)*, is in response to review.

**Meetings:** Most recent closed meeting held November 29, 2021; workshops held May 3 (materials available [here](#)), May 24 (materials available [here](#)), and June 14, 2021 (materials available [here](#)); see this [site](#) for more information

### **Workshop on Improving Consent and Response in Longitudinal Studies of Aging**

**Sponsor:** National Institute on Aging

**Duration:** September 2020–March 2022

**Study director:** Brian Harris-Kojetin; project assistant: Rebecca Krone

**Chair:** Michael Davern (NORC at the University of Chicago)

**Publication:** Workshop proceedings, *Improving Consent and Response in Longitudinal Studies of Aging: Proceedings of a Workshop*, was released on May 29, 2022 (see “Recent Events and Reports” above)

**Meetings:** Workshop held September 27-28, 2021; see this [site](#) for more information

## DEPARTMENT OF THE INTERIOR

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### **Consensus Committee on an Assessment of Native Seed Needs and Capacities**

*(led by Board on Agriculture and Natural Resources)*

Sponsor: Bureau of Land Management

Duration: Fall 2018 through Spring 2022

Study director: Robin Schoen (BANR); senior program officer: Krisztina Marton

Chair: Susan Harrison (University of California, Davis)

Publications planned: Interim consensus report, *An Assessment of the Need for Native Seeds and the Capacity for their Supply*, released October 29, 2020; final consensus report planned

Meetings: Public meetings held November 11-12, 2021; see this [site](#) more information

## DEPARTMENT OF LABOR

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### **Consensus Panel on Improving Cost-of-Living Indexes and Consumer Inflation Statistics in the Digital Age**

Sponsor: Bureau of Labor Statistics

Duration: September 2019–May 2022

Study director: Christopher Mackie; associate program officer: Michael Siri; project assistant: Anthony Mann

Chair: Daniel Sichel (Wellesley College)

Publication: Consensus report, *Modernizing the Consumer Price Index for the 21<sup>st</sup> Century*, has cleared review and is being readied for public release on May 3, 2022

Meetings: Last (closed) meeting held November 3, 2021; see this [site](#) for more information

## DEPARTMENT OF VETERANS AFFAIRS

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### **Consensus Committee on Reassessment of the Department of Veterans Affairs Airborne Hazards and Open Burn Pit Registry** *(led by Board on Population Health and Public Health Practice)*

Sponsor: Department of Veterans Affairs

Duration: October 2020–June 2022

Study director: Anne Styka; senior program officer: Michael Cohen; project assistant: Alexandra McKay

Chair: David Savitz (Brown University School of Public Health)

Publication planned: Consensus report is being drafted

Meetings: The panel continues to meet in closed session; see this [site](#) for more information

## EQUAL EMPLOYMENT OPPORTUNITY COMMISSION

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### **Consensus Panel to Evaluate the Quality of Compensation Data Collected from U.S. Employers by the Equal Employment Opportunity Commission through the EEO-1 Form**

Sponsor: Equal Employment Opportunity Commission

Duration: September 2020–July 2022

Study director: Jennifer Park; senior program officer: Brad Chaney; project assistant: Eric Grimes

Chair: William M. Rodgers, III (Federal Reserve Board, St. Louis)

Publication planned: Consensus report is in response to review

Meetings: Closed meeting held March 25, 2022; see this [site](#) for more information

## NATIONAL SCIENCE FOUNDATION

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### **Workshop on Research and Development, Global Value Chains, and Globalization Measurement**

*(led by Board on Science, Technology, and Economic Policy)*

Sponsor: National Center for Science and Engineering Statistics

Duration: September 2019–March 2022

Study director: Gail Cohen (STEP); senior scholar: Constance Citro

Co-chairs: Susan Helper (Case Western Reserve University) and Wolfgang Keller (University of Colorado, Boulder)

Publication planned: Workshop proceedings are in response to review

Meetings: Workshop held May 5–7, 2021, in Washington, DC; see this [site](#) for more information, including links to the agenda, videos of the proceedings, and other meeting materials

### **Toward a Vision for a New Data Infrastructure for Federal Statistics and Social and Economic Research in the 21st Century**

#### **Workshop 1: The Scope, Components, and Characteristics of a 21st Century Data Infrastructure**

Sponsor: Division of Social and Economic Sciences

Duration: April 2021–March 2023

Study director: Thomas Mesenbourg; associate program officer: Michael Siri; associate program officer: Katelyn Stenger; program assistant: Joshua Lang

Chair: Robert Groves (Georgetown University)

Publication planned: Consensus report is being drafted

Meetings: Workshop sessions held December 9 and December 16, 2021; see this [site](#) for more information

#### **Workshop 2: The Implications of Using Multiple Data Sources for Major Survey Programs**

Sponsor: Division of Social and Economic Sciences

Duration: April 2021–March 2023

Study director: Daniel Weinberg; Mirzayan Fellow: Neeti Pokhriyal; program assistant: Joshua Lang

Chair: Sharon Lohr (Arizona State University, emeritus)

Publication planned: Consensus report

Meetings: Closed meeting held February 4, 2022; Workshop sessions scheduled for May 16 and 18, 2022; see this [site](#) for more information

#### **Workshop 3: Approaches for Data Governance and Protecting Privacy**

Sponsor: Division of Social and Economic Sciences

Duration: April 2021–March 2023

Study director: TBD

Chair: TBD

Publication planned: Consensus report

Meetings: TBD; see this [site](#) for more information

## THE ALFRED P. SLOAN FOUNDATION

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### **Consensus Panel on Understanding the Aging Workforce and Employment at Older Ages**

*(led by Committee on Population)*

Sponsor: The Alfred P. Sloan Foundation

Duration: September 2019–December 2021

Study director: Tara Becker; project assistant: Anthony Mann

Chair: Susan Fiske (Princeton University)

Publication planned: Consensus report, *Understanding the Aging Workforce: Defining a Research Agenda*, has cleared review and is being prepared for public release

Meetings: Sixth meeting held January 28, 2021; see this [site](#) for more information

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## THE BILL AND MELINDA GATES FOUNDATION

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### **Workshop on Strengthening the Evidence Base to Improve Economic and Social Mobility in the United States** (led by Committee on Population)

Sponsor: Bill and Melinda Gates Foundation

Duration: July 2021–September 2022

Study director: Malay Majmundar; project assistant: Rebecca Krone

Chair: Courtney Coile (Wellesley College)

Publication planned: Workshop proceedings is being drafted

Meetings: Workshop held February 14-15, 2022; see this [site](#) for more information

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## THE SPIEGEL FAMILY FUND; THE OMI DYAR NETWORK; THE WILLIAM AND FLORA HEWLETT FOUNDATION

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### **Consensus Panel on an Integrated System of Household Income, Wealth, and Consumption Data and Statistics to Inform Policy and Research**

Sponsor: Spiegel Family Fund, Omidyar Network, William and Flora Hewlett Foundation

Duration: January 2022–March 2024

Study director: David Johnson; senior scholar: Constance Citro; senior program officer: Christopher Mackie; program assistant: Alex Henderson

Chair: Tim Smeeding (University of Wisconsin-Madison)

Publication planned: Consensus report

Meetings: Closed meetings held April 26-27, 2022; public meeting scheduled for May 16, 2022, and another closed meeting for May 19, 2022; see this [site](#) for more information

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## THE WILLIAM AND FLORA HEWLETT FOUNDATION

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### **Guidebook on Developing Indicators of Educational Equity** (led by Board on Testing and Assessment)

Sponsor: William and Flora Hewlett Foundation

Duration: September 2019–August 2022

Study director: Natalie Nielsen (BOTA); senior program officers: Judith Koenig, Stuart Elliott; project assistant: Rebecca Krone

Chair: Not applicable.

Status: Staff are now using the *Guidebook* to talk with states and districts about the options for implementing the recommended indicators

Publication: Guidebook for state and district education policymakers to briefly explain the indicators in the consensus report *Monitoring Educational Equity* and provide concrete examples that will help in implementing them. The guidebook has been released and is available [here](#).

Meetings: Stakeholder Meeting May 18-19, 2022 Beckman Center, Irvine, CA

# ABOUT CNSTAT

## FUTURE MEETING DATES

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**150<sup>th</sup> CNSTAT Meeting**  
**May 5-6, 2022**

This meeting will be closed, but there was a public spring seminar, April 4, 2022 (see “Recent Events and Reports” above).

## CONTACT US

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## MEMBERS

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Robert M. Groves (Chair), Georgetown University | Lawrence D. Bobo, Harvard University | Anne C. Case, Princeton University, *Emeritus* | Mick P. Couper, University of Michigan | Janet M. Currie, Princeton University | Diana Farrell, JPMorgan Chase Institute | Robert Goerge, Chapin Hall | Erica Groshen, Cornell University School of Industrial and Labor Relations | Hilary Hoynes, University of California, Berkeley | Daniel Kifer, The Pennsylvania State University | Sharon Lohr, Arizona State University, *Emeritus* | Jerome P. Reiter, Duke University | Judith A. Seltzer, University of California, Los Angeles, *Emeritus* | C. Matthew Snipp, Stanford University | Elizabeth A. Stuart, Johns Hopkins Bloomberg School of Public Health | Jeannette Wing, Columbia University

## CORE SPONSORS

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National Science Foundation: **Methodology, Measurement, and Statistics Program**; National Center for Science and Engineering Statistics | Social Security Administration: **Office of Research, Evaluation, and Statistics** | U.S. Department of Agriculture: **Economic Research Service, National Agricultural Statistics Service** | U.S. Department of Commerce: **Bureau of Economic Analysis, U.S. Census Bureau** | U.S. Department of Education: **National Center for Education Statistics** | U.S. Department of Energy: **Energy Information Administration** | U.S. Department of Health and Human Services: **Agency for Healthcare Research And Quality, Office of the Assistant Secretary for Planning and Evaluation, National Center for Health Statistics, National Institute on Aging** | U.S. Department of Housing and Urban Development: **Office of Policy Development and Research** | U.S. Department of Justice: **Bureau of Justice Statistics** | U.S. Department of Labor: **Bureau of Labor Statistics** | U.S. Department of Transportation: **Bureau of Transportation Statistics** | U.S. Department of the Treasury: **Statistics of Income Division, Internal Revenue Service**

## OUR MISSION

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The Committee on National Statistics (CNSTAT) was established in 1972 at the National Academies of Sciences, Engineering, and Medicine to provide an independent review of federal statistical activities. The mission of CNSTAT is to provide advice to the federal government and the nation grounded in the current best scientific knowledge and practice that will lead to improved statistical methods and information upon which to base public policy. CNSTAT seeks to advance the quality of statistical information, contribute to the statistical policies and coordinating activities of the federal government, and help provide a forward-looking vision for the federal statistical system and national statistics more broadly in service of the public good.



*The National Academies of*  
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Committee on National Statistics  
Division of Behavioral and Social Sciences and Education

**Towards a Vision for a New Data Infrastructure for Federal Statistics  
and Social and Economic Research in the 21st Century**

**Workshop 2: The Implications of Using Multiple Data Sources for  
Major Survey Programs**

May 16 and 18, 2022

**Agenda**

**Monday, May 16, 2022**

11:00 – 11:15am EDT

**Introduction and Welcome**

- **Sharon Lohr**, Consensus Panel Chair, *Arizona State University*
- **Cheryl Eavey**, *National Science Foundation*

11:15 – 1:15 EDT

**Session 1: Opportunities for Using Multiple Data Sources  
to Enhance Major Survey Programs**

**Moderator: Jean-François Beaumont**, *Statistics Canada*

11:20-11:50

Keynote - Census Bureau Modernization: A New Vision for an Enterprise Approach to Statistical Data: **Robert Santos**, *Director, US Census Bureau*

11:50-12:20

Keynote - Combining Multiple Data Sources to Produce Inclusive Official Statistics: **Anil Arora**, *Chief Statistician of Canada*

12:20-12:35

Discussant: **Joseph Salvo**, *University of Virginia*

12:35-12:50

Discussant: **Haoyi Chen**, *United Nations*

12:50-1:15

Panel/Audience Discussion

1:15 – 1:35 EDT

BREAK

**Monday, May 16, 2022**

1:35 – 3:05 EDT

**Session 2: Measuring Crime in the 21<sup>st</sup> Century: A Panel Discussion**  
**Moderator: Elizabeth Stuart, Johns Hopkins University**

1:35-2:35      **Janet Lauritsen, University of Missouri-St. Louis**  
**Ramiro Martinez, Jr., Northeastern University**  
**Erica Smith, US Bureau of Justice Statistics**  
**Derek Veitenheimer, State of Wisconsin**

2:35-3:05      Panel/Audience Discussion

3:05 – 3:20 EDT

BREAK

3:20 – 4:50 EDT

**Session 3: Improving Agriculture Statistics with New Data Sources**  
**Moderator: Shaowen Wang, University of Illinois at Urbana-Champaign**

3:25-3:45      The Crops County Estimates Program: Developing Official  
Statistics Based on Available Data: **Linda Young, US**  
*National Agricultural Statistics Service*

3:45-4:05      The Evolution of the Use of Satellite and Administrative  
Data in Estimating Mid-season Field Crop Yields at  
Statistics Canada: **Herbert Nkwimi-Tchahou, Statistics**  
*Canada*

4:05-4:25      Layers and Beyond, Modern Use of Connected Spatial and Non  
Spatial Datasets to Unlock Insights in R&D: **Martin Mendez-**  
**Costabel, Bayer Crop Science**

4:25-4:35      Discussant: **Michael Goodchild, University of California,**  
*Santa Barbara*

4:35-4:50      Panel/Audience Discussion

4:50 – 5:00 EDT

Wrap-up Day 1 (Sharon Lohr)

5:00pm EDT

**Adjournment**

**Wednesday, May 18, 2022**

- 11:00 – 11:05am EDT      **Introduction and Welcome**  
**Sharon Lohr**, *Arizona State University*
- 11:05 – 12:40 EDT      **Session 4: Data Linkage for Income and Health Statistics**  
**Moderator: Judith A. Seltzer**, *University of California, Los Angeles*
- 11:10-11:30      The National Experimental Wellbeing Statistics Project:  
**Jonathan Rothbaum**, *US Census Bureau*
- 11:30-11:50      Realizing the Power of Health Data through Linkages:  
**Lisa Mirel**, *US National Center for Health Statistics*
- 11:50-12:10      Administrative Data Linkages in the Health and Retirement  
Study: Social Security and Medicare/Medicaid Data:  
**Jessica Faul & Helen Levy**, *University of Michigan*
- 12:10-12:20      Discussant:  
**Hilary Hoynes**, *University of California, Berkeley*
- 12:20-12:40      Panel/Audience Discussion
- 12:40 – 1:00 EDT      BREAK
- 1:00 – 3:00 EDT      **Session 5: Issues in Data Equity**  
**Moderator: David Mancuso**, *State of Washington*
- 1:05-1:25      From Data to Decision-making: Using Data and Engagement to  
Advance Racial Equity: **Steven Brown**, *Urban Institute*
- 1:25-1:45      Administrative Data and Statistics for Small Race Groups and  
Other Populations:  
**Randall Akee**, *University of California, Los Angeles*
- 1:45-2:05      Diversity in Data: How Data Collection Decisions Help and  
Harm the Outcome: **Frauke Kreuter**, *Ludwig-Maximilians-  
University of Munich and University of Maryland*
- 2:05-2:15      Moderator/Discussant questions and reflections:  
**Margaret Levenstein**, *University of Michigan*
- 2:15-2:45      “Fireside Chat”:  
**Clarence Wardell**, *Chief Data and Equitable Delivery Officer,  
Executive Office of the President*  
**Kimberlyn Leary**, *Harvard University and Urban Institute*
- 2:45-3:00      Panel/Audience Discussion
- 3:00 – 3:30      **Discussion and Wrap-up**  
**Moderator: Sharon Lohr**, *Arizona State University*
- Robert M. Groves**, Chair of Committee on National Statistics,  
*Georgetown University*
- 3:30pm EDT      **Adjournment**

**PANEL ON THE IMPLICATIONS OF USING MULTIPLE DATA  
SOURCES FOR MAJOR SURVEY PROGRAMS**

**Sharon Lohr (Chair)**, Professor Emerita of Statistics, Arizona State University

**Jean-François Beaumont**, Senior Statistical Advisor, Statistics Canada

**Lawrence D. Bobo**, Dean of Social Science and W. E. B. Du Bois Professor of the Social Sciences, Harvard University

**Mick P. Couper**, Research Professor, Survey Research Center; and Faculty Associate, Populations Study Center, Institute for Social Research, University of Michigan

**Hilary Hoynes**, Professor of Public Policy and Economics; and Haas Distinguished Chair in Economic Disparities, University of California, Berkeley

**Kimberlyn Leary**, Associate Professor, Department of Health Policy and Management, Harvard University

**David Mancuso**, Director of the Research and Data Analysis Division, Washington State Department of Social and Health Services

**Judith A. Seltzer**, Research Professor of Sociology; and Faculty Fellow California Center for Population Research, University of California, Los Angeles

**Elizabeth A. Stuart**, Associate Dean for Education and Professor, Department of Mental Health, Department of Biostatistics, Department of Health Policy and Management, Johns Hopkins Bloomberg School of Public Health

**Shaowen Wang**, Professor and Head, Department of Geography and Geographic Information Science; Richard and Margaret Romano Professional Scholar, University of Illinois at Urbana-Champaign