

# COMMITTEE ON NATIONAL STATISTICS

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

## Workshop 1: Scope, Components and Key Characteristics of a 21<sup>st</sup> Century Data Infrastructure

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# Why the U.S. Needs a New National Data Infrastructure

- Survey-centric paradigm no longer sustainable
- Statistical system and researchers seek more administrative data
- Explosion of digitized private sector data

Yet

- Much learning needed for blending private sector and government data

This Workshop

- Ingredients of the future

# The Changing Data Access and Use Landscape

- 2017 Commission on Evidence-Based Policymaking
- 2018 Evidence Act and subsequent OMB guidance
- Advisory Committee on Data for Evidence Building (ACDEB)

# The Changing Data Access and Use Landscape

Yet there is no current plan to consider private data as essential components of the new national data infrastructure

# CNSTAT Assumptions re a New National Data Infrastructure

- ACDEB will build on their Year 1 Report
- National Secure Data Service will be established
- The Federal statistical system will be enriched by federal, state and local government data
- Researchers will have enhanced access to those data
- CNSTAT vision is complementary and supplementary to the efforts of the ACDEB

# CNSTAT Assumptions re a New National Data Infrastructure

We envision a national data infrastructure that adds private sector data for statistical and research uses

# CNSTAT Focus on the New National Data Infrastructure

- Focus on strengthening capacity of the federal statistical system and research communities, less so on evaluation uses
- Assist envisioning system transformation from survey-centric to blended data sets
- Focus on incentives to business-to-government data sharing for statistical purposes

# CNSTAT Focus on the New National Data Infrastructure

- CNSTAT is deeply aware of the legal, cultural, and regulatory impediments to such a vision
- The panel seeks to create a cohesive vision
- The panel seeks to enumerate the challenges to attain the vision



# CNSTAT Workshops' Overview

- Workshop 1: Scope, Components and Key Characteristics of a 21<sup>st</sup> Century Data Infrastructure (December, 2021)
- Workshop 2: The Implications of Using Multiple Data Sources for Major Survey Programs (Spring 2022)
- Workshop 3 – The Technology, Tools, and Capabilities Needed for Data Sharing, Use, and Analysis (Fall 2022)