

Council of Professional Associations on Federal Statistics

December 2024 Quarterly Meeting

Dr. Karin Orvis

Chief Statistician of the United States



Office of the Chief Statistician
of the United States

Our Way Forward as the U.S. Federal Statistical System

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Office of the Chief Statistician
of the United States



INTERAGENCY COUNCIL ON STATISTICAL POLICY

FISCAL YEARS 2025 & 2026 STRATEGIC GOALS & OBJECTIVES

The ICSP Strategic Goals and Objectives propel the [U.S. Federal statistical system](#) toward our vision of operating as a seamless system - to become more efficient and effective in providing useful, objective, high quality statistical data and meaningfully and safely expanding access to these data for evidence building purposes

1

STRENGTHEN FSS' ROLES, RESPONSIBILITIES, & CAPACITY TO ENSURE DATA QUALITY & ACCESSIBILITY

Strategic Objectives:

- Strengthen the Statistical Official role and capacity
- Implement the *Fundamental Responsibilities of Statistical Agencies and Units* regulation per [CIPSEA 2018](#)

Sustainment-Focused Objectives:

- Provide expertise for effective and up-to-date Government-wide statistical and classification standards

2

CREATE SHARED INFRASTRUCTURE, TOOLS, & SERVICES TO BROADEN SAFE ACCESS TO DATA

Strategic Objectives:

- Launch the NSDS 1.0, including clarifying linkages with [FSRDCs](#), [SAP](#), and additional key infrastructure
- Provide expertise to data regulations' development, i.e., *Expanding Secure Access to CIPSEA Data Assets and Presumption of Accessibility for Statistical Agencies and Units* per [CIPSEA 2018](#)

Sustainment-Focused Objectives:

- Lead and advance the following shared FSS resources, i.e., [ACS](#), [FSRDCs](#), [SAP](#)

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BUILD COMMUNICATIONS & COMMUNITY OUTREACH TO STRENGTHEN THE VALUE OF FEDERAL DATA FOR DIVERSE DATA PROVIDER & USER NEEDS

Strategic Objectives:

- Build unified and integrated communications and stakeholder engagement across the [FSS](#) to better identify and meet data provider and user needs

Sustainment-Focused Objectives:

- Advance communications and engagement via:
 - [StatsPolicy.gov](#)
 - Resource-focused communications and engagement, e.g., [NSDS](#), [SAP](#)



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[ACS](#) = American Community Survey; [CIPSEA](#) = Confidential Information Protection and Statistical Efficiency Act of 2018; [FSRDCs](#) = Federal Statistical Research Data Centers; [FSS](#) = Federal Statistical System; [NSDS](#) = National Secure Data Service; [SAP](#) = Standard Application Process

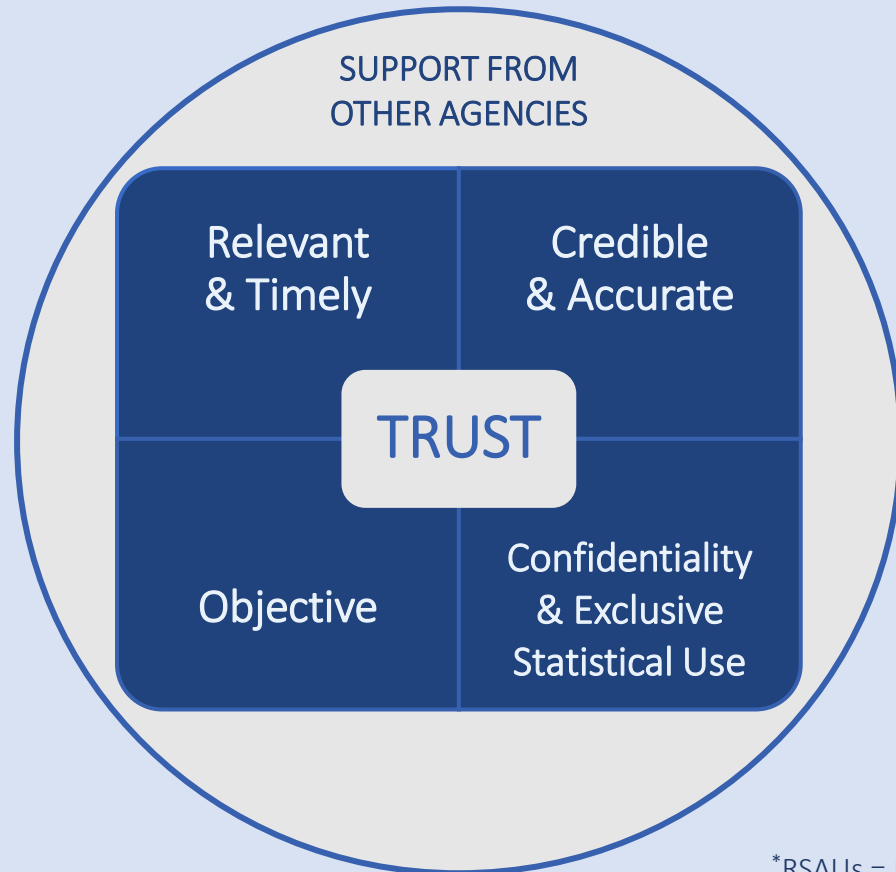
Trust Regulation

Published Oct. 11, 2024! Effective Dec. 10, 2024



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Four Responsibilities/Principles of RSAUs,* including staff



FEDERAL REGISTER
The Daily Journal of the United States Government

Archives and Records Administration

Rule

Fundamental Responsibilities of Recognized Statistical Agencies and Units

A Rule by the Management and Budget Office on 10/11/2024

Visit [StatsPolicy.gov](https://www.statspolicy.gov) > Policies

Strong alignment with United Nations' Fundamental Principles of Official Statistics
Visit [unece.org](https://www.unece.org) > FPOS30

*RSAUs = Recognized Statistical Agencies or Units



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BUILD COMMUNICATIONS & COMMUNITY OUTREACH TO STRENGTHEN THE VALUE OF



**Towards a National Secure Data Service:
Two Years of Progress from the NSDS
Demonstration Project**

NATIONAL CENTER FOR SCIENCE AND ENGINEERING STATISTICS
NATIONAL SCIENCE FOUNDATION

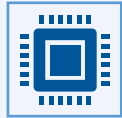
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Towards a Future National Secure Data Service: Two Years of Progress from the NSDS Demonstration Project



Interagency Council on
Statistical Policy

CHIPS and Science Act Requirements of 2022



Section 10375 of the 2022 CHIPS and Science Act calls for a 5-year demonstration project to develop, refine, and test models to inform the full implementation of a National Secure Data Service (NSDS).



The NSDS is envisioned as set of shared services and a government-wide data linkage and access infrastructure to support evidence building.



CHIPS and Science calls for consultation with the director of OMB, the National Artificial Intelligence Research Resource (NAIRR), and alignment with the Advisory Committee on Data for Evidence Building (ACDEB) recommendations.

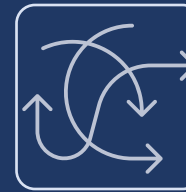


The NSDS Demonstration will be implemented by the National Center for Science and Engineering Statistics (NCSES).

Why a NSDS?



- Novice and non-expert data users have difficulty navigating the complex data ecosystem.
- Data users don't have a place to ask open-ended questions and learn about data options based on their topic of interest.
- Accessing data is burdensome, time-consuming, and often expensive.
- Linking data requires lengthy processes to determine data ownership, requirements, and limitations on use.



Complex data ecosystem



No place to ask open-ended questions



Difficult and expensive to access data



Lengthy processes to link data

Two Years Into the Demonstration



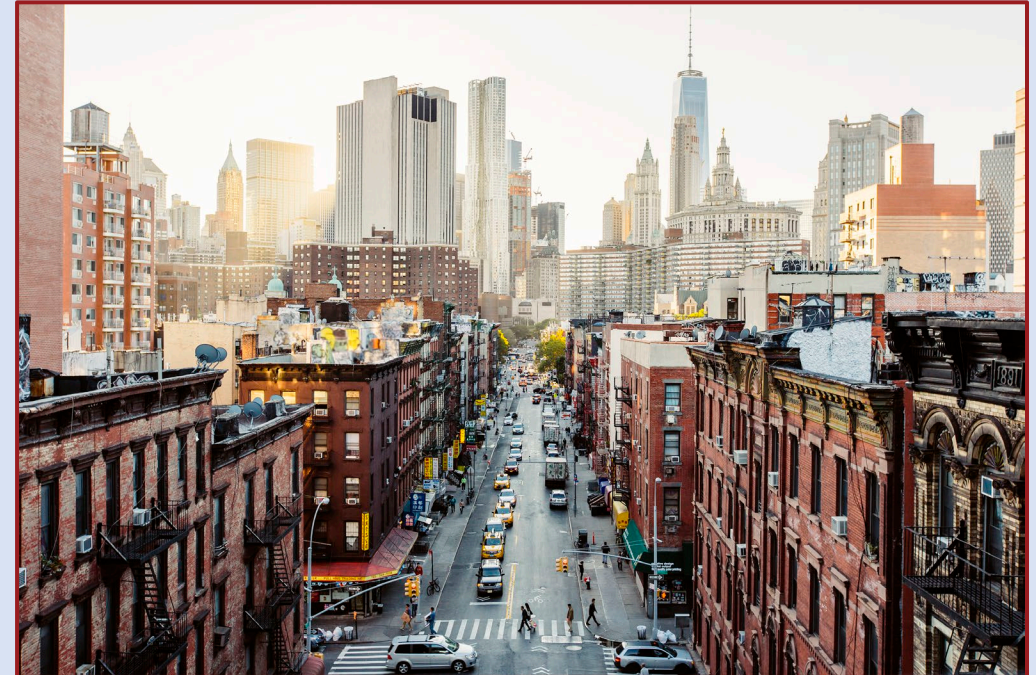
- NSDS Demonstration Initiated in August of 2022
- Two-Year Report Delivered to Congress in August of 2024
- NSDS Demonstration Ends August of 2027
- Working Towards Implementation of an NSDS 1.0

Building Services for the Nation



Over 30 Projects Initiated

- Tiered Access including Synthetic Data
- Privacy-Preserving Technologies
- Capacity-Building and Expanding Access to Data
- Toolkits and Shared Services
- Data Concierge Services
- Infrastructure Development
- Use of Artificial Intelligence



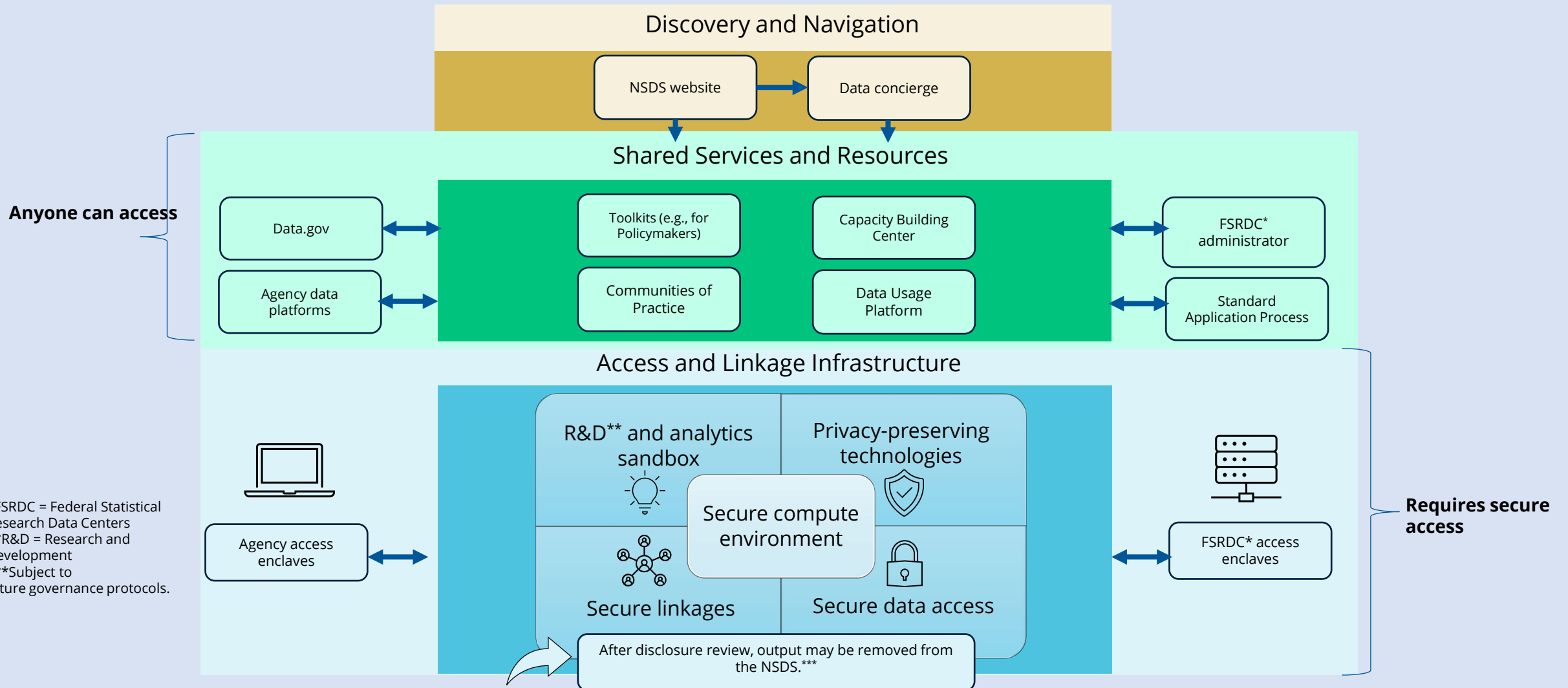
Partnering with All



- **Collaboration among:**
 - Interagency Council on Statistical Policy, including ICSP Subcommittee on the NSDS
 - NCSES as PMO/NSDS Demonstration Project Lead
 - National Artificial Intelligence Research Resource (NAIRR) Pilot
 - And others
- **Numerous presentations to stakeholders to seek input**
- **Expert Panel formed to hear a diverse set of perspectives on our vision and plans**



What could an NSDS look like?



*FSRDC = Federal Statistical Research Data Centers
 **R&D = Research and Development
 ***Subject to future governance protocols.

Questions an NSDS can help answer



Policymaker

How much federal funding is given to minority-serving institutions?



An NSDS data concierge guides users to public data.



State Data Officer

How has government data on workforce training and education been used?



An NSDS data usage platform identifies published products using government data assets.



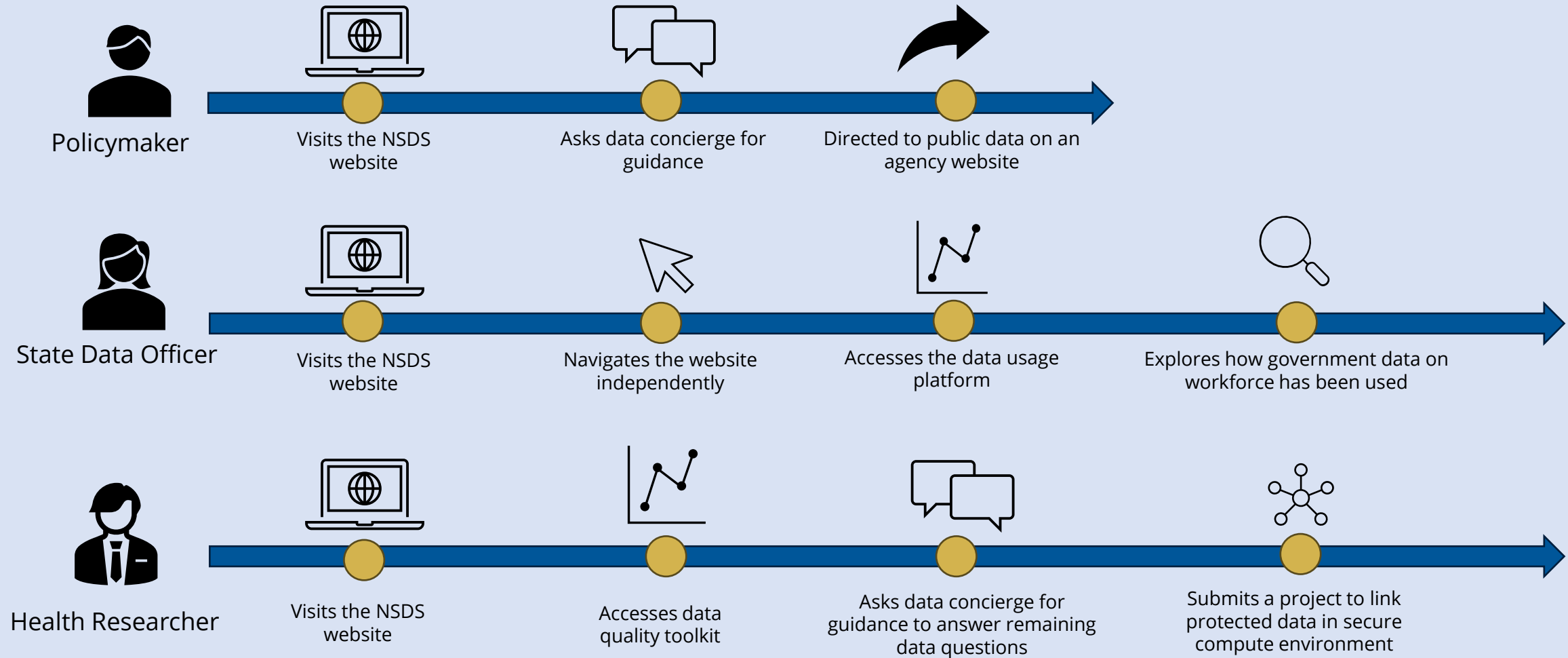
Health Researcher

How are health outcomes influenced by access to transportation services?




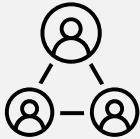
An NSDS can securely link data across two federal agencies (e.g., transportation and health data).

NSDS User Journey Examples

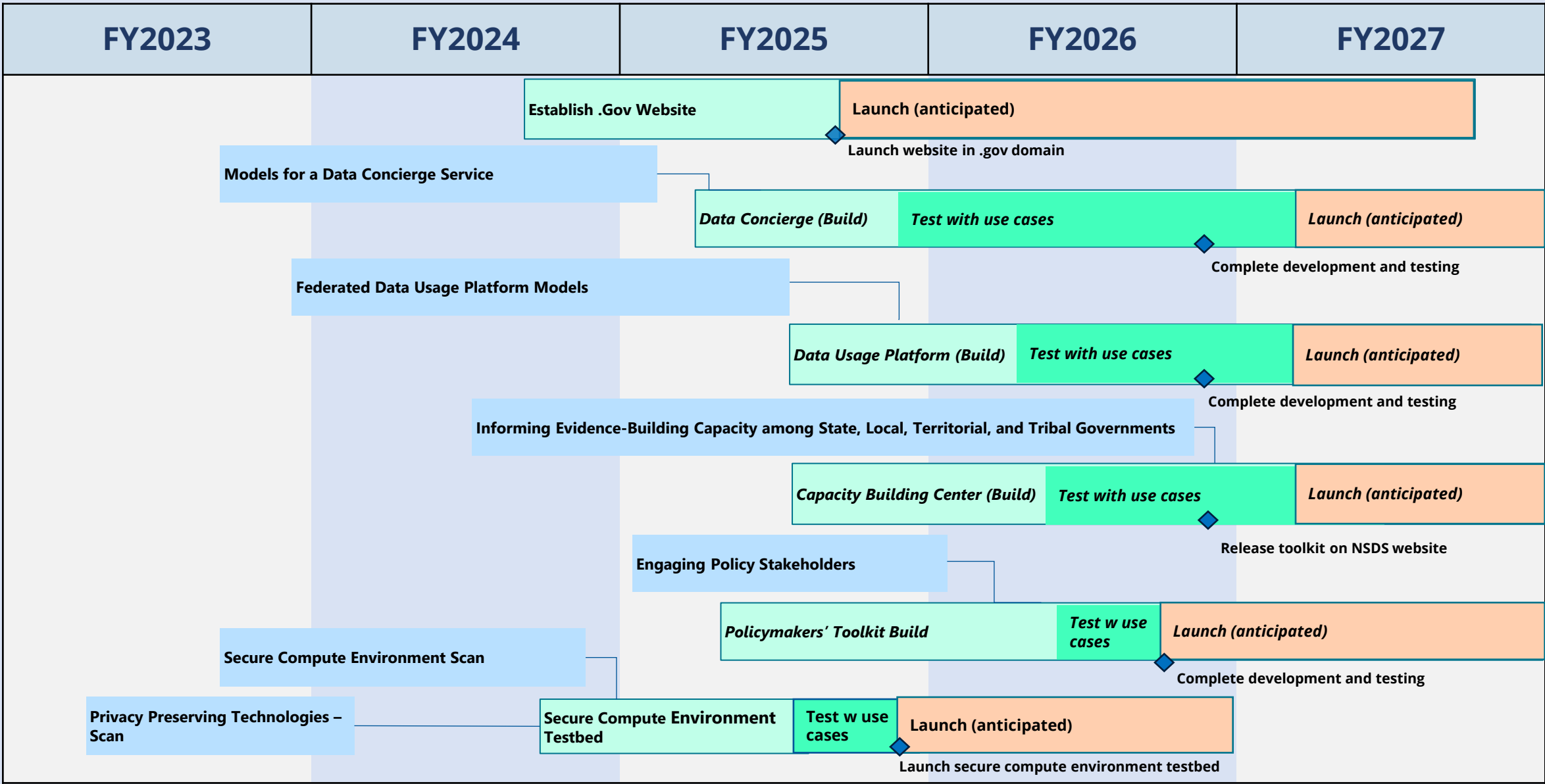


Three Phase Approach



Estimated Calendar Years	2022 - 2026	2024 - 2027	Jan to August 2027
Development and Testing 	Gather information and build prototypes for new services	Test prototypes with high-impact use cases	Launch NSDS 1.0 components for public testing
Stakeholder Engagement 	Gather input and identify use cases from diverse audiences to target core capabilities	Promote collaboration and coordination among stakeholders	Build awareness about and capacity to use NSDS 1.0 resources and services
Governance and Resources 	Explore governance structures, funding models, and resourcing	Develop governance structure, establish funding, and identify near-term funding and staffing	Establish NSDS 1.0 governance structure and long-term funding and staffing

A first version NSDS anticipated for public use August 2027



*Projects with *italicized* titles have estimated dates. These projects are pending solicitation or award.



Phase 1 - Feasibility Studies
Phase 2 - Build infrastructure and test with use cases
Phase 3 - NSDS 1.0



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Operating seamlessly, safely stewarding sensitive data resources

Fueling evidence building, civic engagement, and public and private sector decision-making

Your Federal Statistical System at work

Welcome to StatsPolicy.gov, the home of the U.S. Federal statistical system. StatsPolicy.gov brings together important information about our interwoven Federal statistical system, including our members, priorities, and activities across the Federal Government.

A Message from the Chief Statistician of the United States

"Our Nation's future, and the ability to serve our citizens equitably and effectively, requires high quality, useful, and objective information for decision-making across the public and private sectors. The Federal statistical system is key to generating this trusted information."
- Dr. Karin Orvis, Chief Statistician of the United States

Community News and Upcoming Events

- On Friday, October 11, 2024, OMB published the [Fundamental Responsibilities of Statistical Agencies and Units Final Rule](#). This final rule, known as the Trust Regulation, sets forth requirements for recognized statistical agencies and units to carry out their four fundamental responsibilities, as articulated in the Foundations for Evidence-Based Policymaking Act of 2018 (Evidence Act). It also sets forth requirements for all other agencies to "enable, support, and facilitate" the recognized statistical

Describes the U.S. Federal Statistical System including leadership, top priorities, and on-going activities

- Community News and Events
- Governing Laws and Policies
- Statistical Policy Directives and Regulations
- Chapters in *Analytical Perspectives* volume of President's Budget
- Reports to Congress on *Statistical Programs of the U.S. Government*

Stay tuned for the ICSP's
StatsPolicy.gov on LinkedIn!