

Modernizing Data Dissemination: Discussion

2021 FCSM Research and Policy Conference

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Assistant Chief Data Officer
Research, Education, and Economics Mission Area



THE EVIDENCE ACT

Foundations for Evidence-Based Policymaking Act of 2018 ("Evidence Act")

Enacted into law on January 14, 2019 as P.L. 115-435

TITLE 1

Federal Evidence-
Building Activities

Chief Evaluation Officer

1. Capacity Assessment
2. Learning Agenda
3. Annual Evaluation Plan
4. Evaluation Policy

TITLE 2

Open Government
Data Act

Chief Data Officer

1. USDA Data Governance
2. Ensure Agency Data Needs are Met
3. Open Data Plan
4. Comprehensive Data Inventory & Federal Data Catalogue
5. Chief Data Officer Council

TITLE 3

Confidential Information Protection
and Statistical Efficiency Act
(CIPSEA)

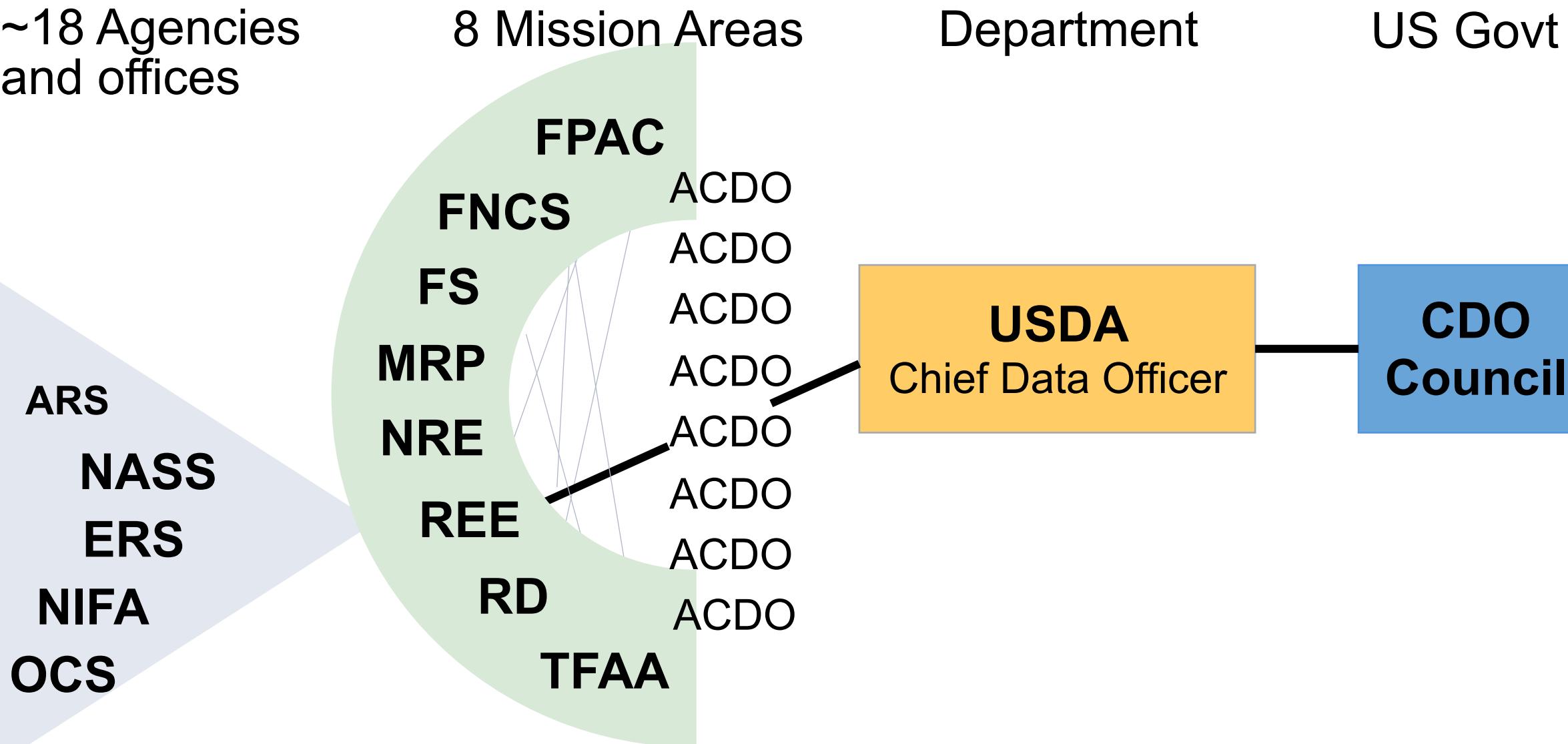
Chief Statistical Officer

1. CIPSEA Designation Guidance
2. Statistical Policy Directive #1 Codified
3. Accessibility for Statistical Agencies Presumed
4. Secure Access to CIPSEA Data Assets
5. Assessment of Data Assets for Developing Evidence

Evidence Act Title 2 at USDA

~18 Agencies
and offices

ARS
NASS
ERS
NIFA
OCS



Federal Data Strategy — Data, accountability, and transparency: creating a data strategy and infrastructure for the future

The Federal Data Strategy (FDS) encompasses a 10-year vision for how the Federal Government will accelerate the use of data to deliver on mission, serve the public, and steward resources while protecting security, privacy, and confidentiality.



USDA Office of the Chief Information Officer
U. S. DEPARTMENT OF AGRICULTURE

DATA STRATEGY

US Department of Agriculture
Fiscal Year 2021-2023



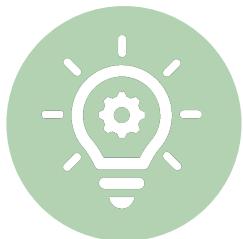
USDA RESEARCH, EDUCATION, AND
ECONOMICS MISSION AREA

Data Strategy 2021-2023

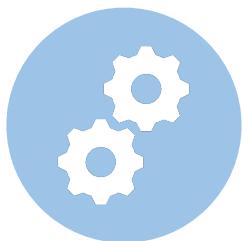
Approved 1 October 2020

REE DATA & ANALYTICS PROGRAM VISION

To accomplish the Research, Education, and Economics (REE) mission of advancing knowledge related to agriculture, agency leadership and staff work across program and agency silos to meet data and analytics goals:



Use data & analytics for **evidence-based** decision-making and research management

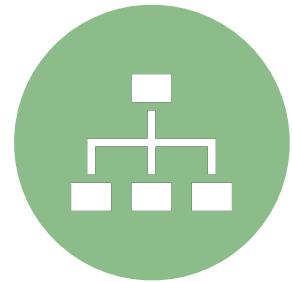


Collaborate to streamline analysis and technology to **reduce administrative burden** in data management and reporting activities



Develop and share **advanced data products** to support our stakeholders

To achieve the REE Data and Analytics vision we established:



Data Governance

Steering committee and advisory body to enable collaboration on key data investments and priorities to achieve economies of scale and improve processes.



Data Stewards

Key program and administrative personnel who manage, document, share, and improve data to enable robust analytics development.



Central Analytics Team

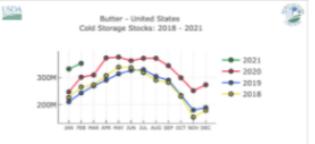
Develop and enable analysts to build decision-making tools to support data-driven decision-making at agency, mission area and USDA science level.

OUR TALKS TODAY



Bryan Combs

Most Recent Dairy Releases

Cold Storage
Most Recent Release: August 23, 2021
Butter stocks for June were up 1% from last month and 14% from a year ago.

Description: 12 monthly issues plus annual and biennial Capacity of Refrigerated Warehouses, published in even years. All issues present end-of-month stocks of meats, dairy products, poultry products, fruits, nuts and vegetables in public, private and semi-private refrigerated warehouses.
Next Release: September 22, 2021
Keywords: cold storage, commodities, holdings, stocks, warehouses
[Explore Cold Storage Data](#) [View Most Recent Release](#)

Milk Production
Most Recent Release: August 19, 2021
July 2021 Milk production up 2 percent from 2020.

Description: 12 monthly issues plus annual. All issues present the number of milk cows, production per cow and total milk production during preceding month for major States and United States in all issues.
Next Release: September 20, 2021
Keywords: cows, dairy herds, milk, production
[Explore Milk Production Data](#) [View Most Recent Release](#)

Clayton Waring

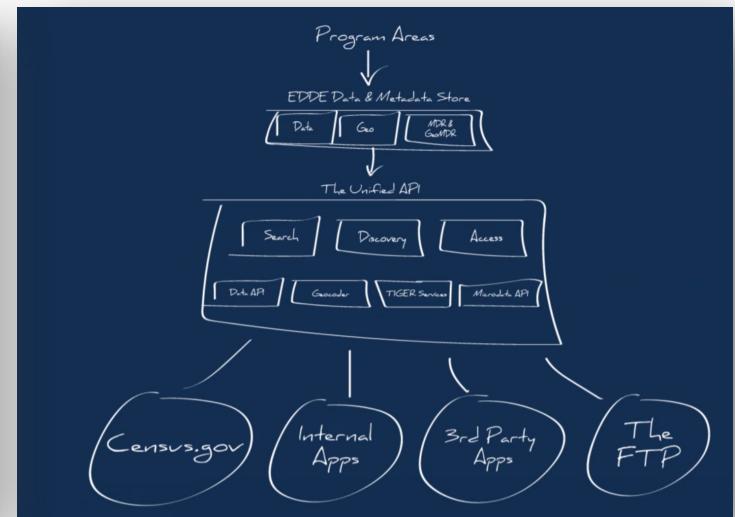
Assign Values to People, Places, and Things

- Dave
 - ▶ Weight
- Car
 - ▶ Speed
- Beach
 - ▶ Temperature
- House
 - ▶ Size

- Doctors in Virginia
 - ▶ Average salary
- Men in U.S. over age 50
 - ▶ Employment rate
- Shirts in Pittsburgh, PA
 - ▶ Price
- U.S. Manufacturing Sector
 - ▶ Productivity

— U.S. BUREAU OF LABOR STATISTICS • bls.gov

Zachary Whitman



NASS

BLS

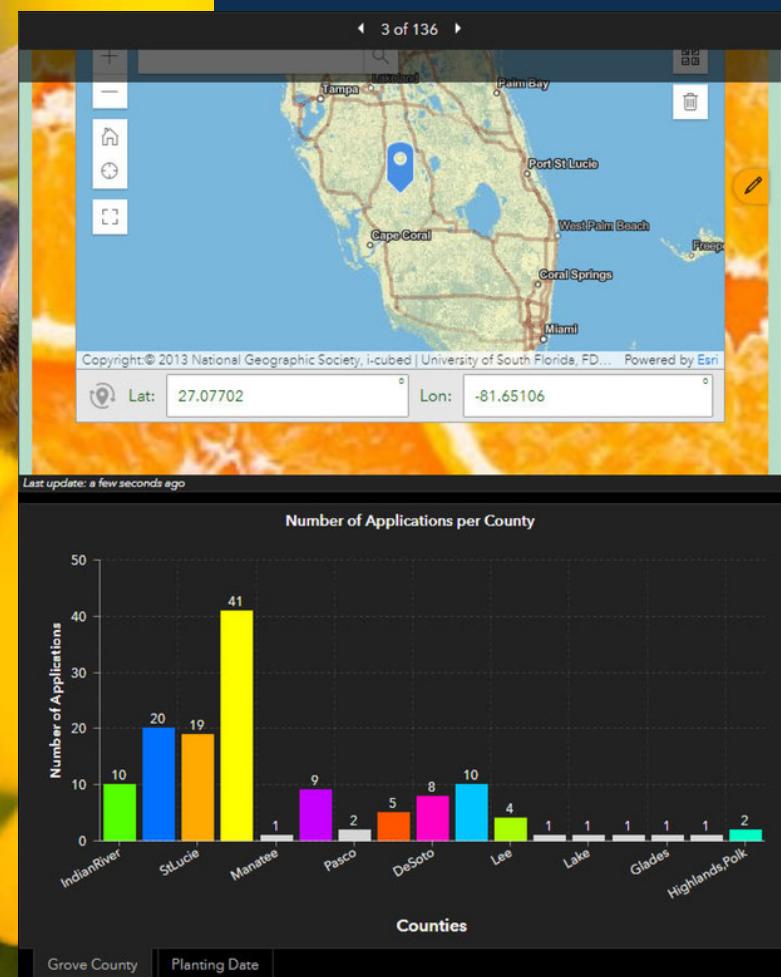
Census

USER FOCUS

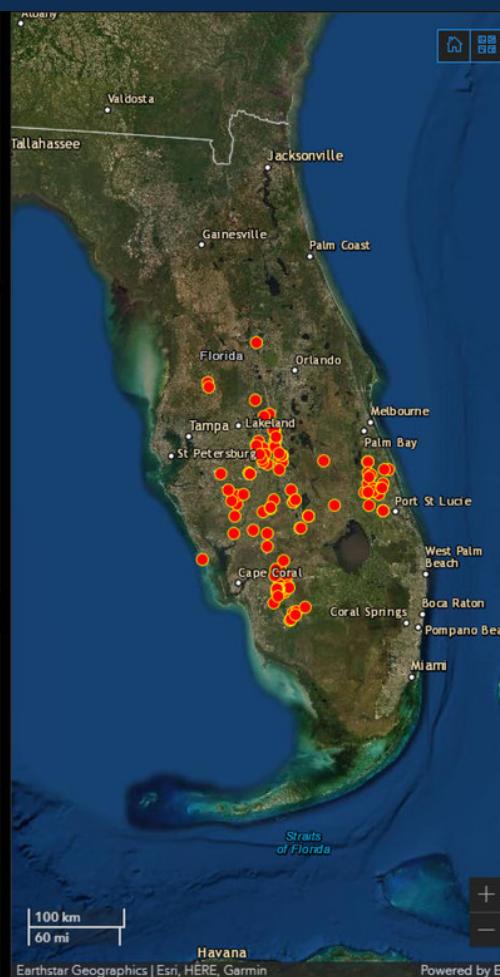
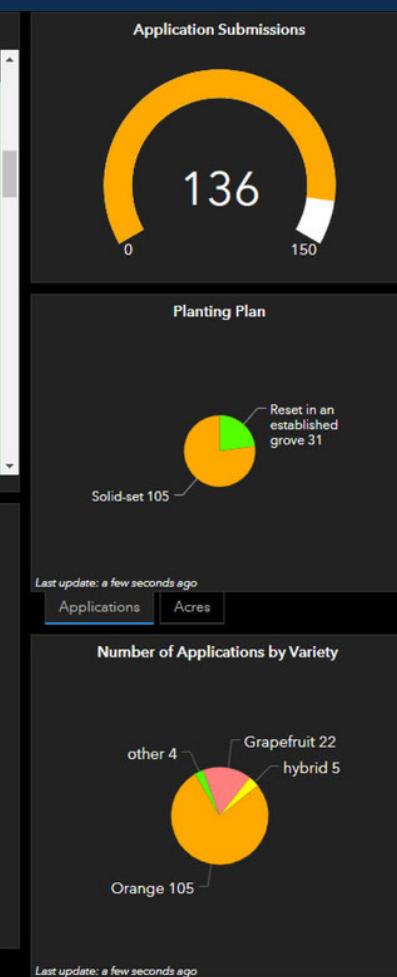




2021 USDA Annual Strategic Pollinator Priorities and Goals Report



SCALABLE INTEROPERABILITY



LINKS

<https://ree.usda.gov>

<https://www.usda.gov/pollinators>

<https://agcros-usdaars.opendata.arcgis.com/>

Ag Data Commons <https://data.nal.usda.gov/>

QUESTIONS

Change management?

Evidence?