



Modernizing Data Dissemination: Discussion

2021 FCSM Research and Policy Conference

Dr. Cynthia Parr

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



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

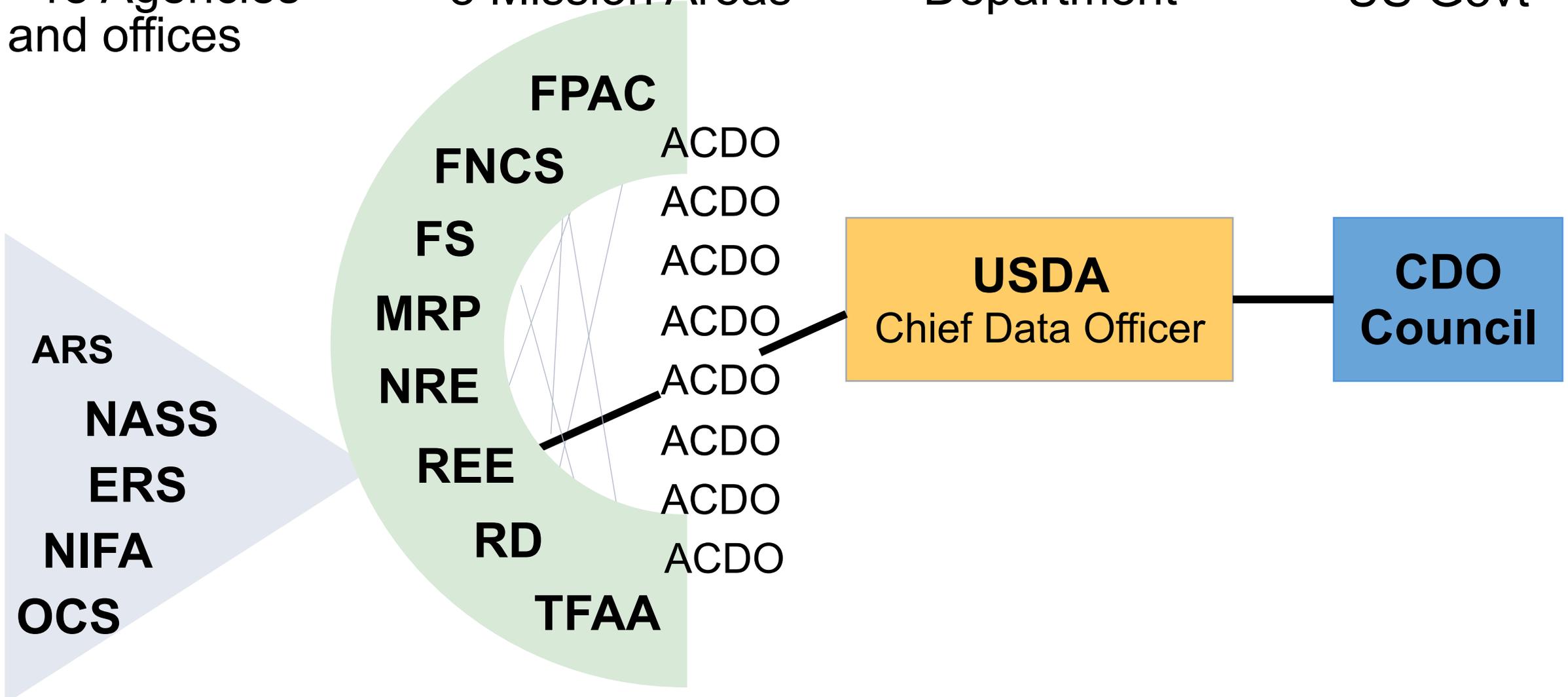
Evidence Act Title 2 at USDA

~18 Agencies and offices

8 Mission Areas

Department

US Govt



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.

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



DATA STRATEGY

US Department of Agriculture
Fiscal Year 2021-2023



REE | PUTTING SCIENCE TO WORK FOR YOU

AGRICULTURAL RESEARCH SERVICE
NATIONAL INSTITUTE OF FOOD AND AGRICULTURE
ECONOMIC RESEARCH SERVICE
NATIONAL AGRICULTURAL STATISTICS SERVICE



REE

USDA RESEARCH, EDUCATION, AND ECONOMICS

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

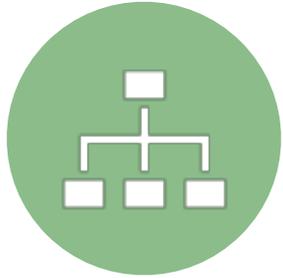


Collaborate to streamline analysis and technology to **reduce administrative burden** in data management and reporting activities



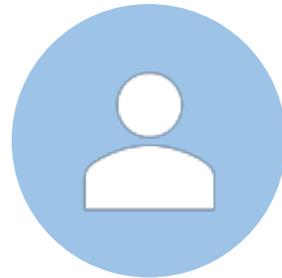
Develop and share **advanced data products** to support our stakeholders

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.

Bryan Combs

Most Recent Dairy Releases

Cold Storage
Most Recent Release: August 12, 2022

Description: 12 monthly series plus annual and biennial capacity of refrigerated storage, published in year parts. All series present and of month ends of week, dairy products, poultry products, fruits, nuts and vegetables (canned, frozen and semi-frozen refrigerated).

Next Release: September 12, 2022

Keywords: cold storage, commodities, housing, stocks, real estate

Milk Production
Most Recent Release: August 12, 2022

Description: 12 monthly series plus annual. All series present the number of milk cows, production per cow and total milk production being marketed (whole for major states and United States total).

Next Release: September 12, 2022

Keywords: cows, dairy farms, milk, production

NASS

Clayton Waring

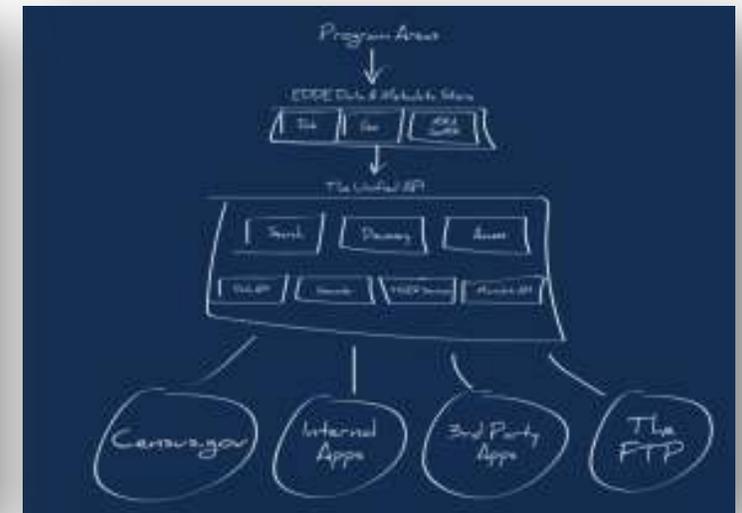
Assign Values to People, Places, and Things

- Dave
 - ▶ Weight
- Car
 - ▶ Speed
- Beach
 - ▶ Temperature
- House
 - ▶ Size
- Doctors in Virginia
 - ▶ Average salary
- Men in U.S. over age 50
 - ▶ Employment rate
- Shirts in Pittsburg, PA
 - ▶ Price
- U.S. Manufacturing Sector
 - ▶ Productivity

U.S. BUREAU OF LABOR STATISTICS •

BLS

Zachary Whitman



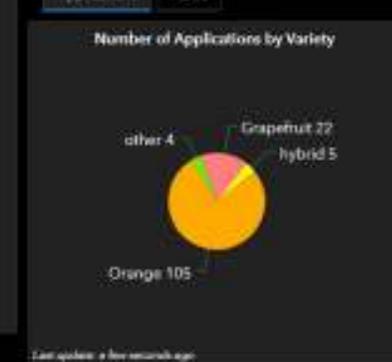
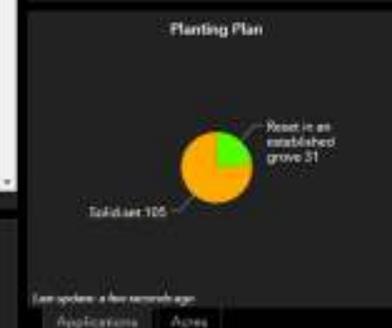
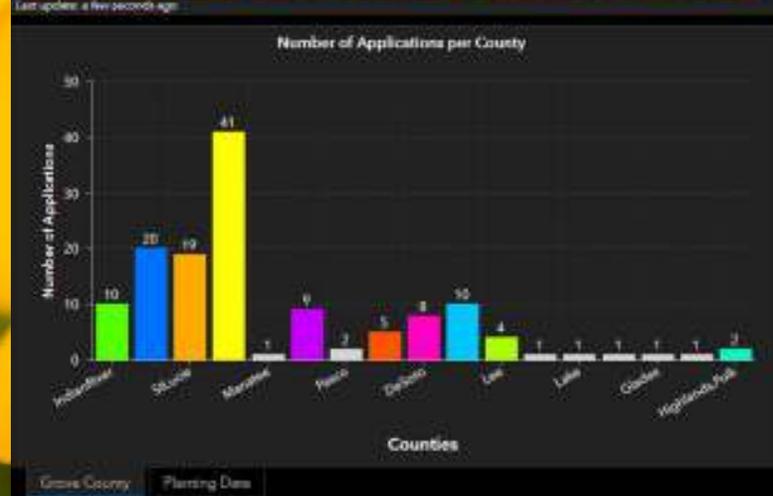
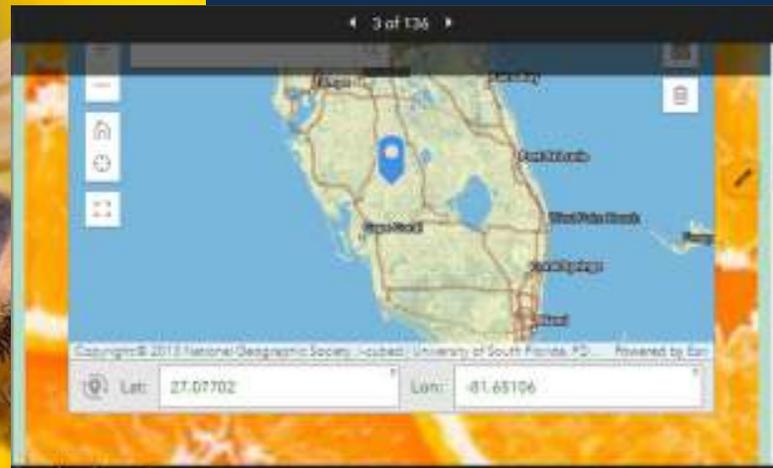
Census

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?