



DATA Act

BETTER DATA. BETTER DECISIONS.
BETTER GOVERNMENT.

Unlocking Federal Spending Data

DATA Act and beta.usaspending.gov

June 20, 2017

Daniel Cain

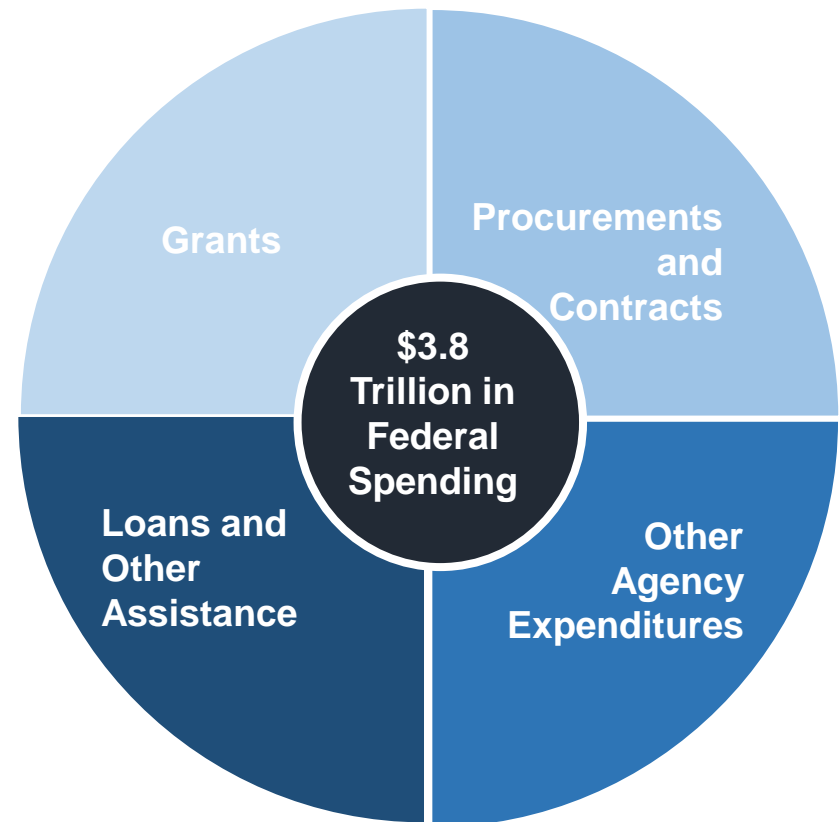
Acting Director of Data Transparency
U.S. Department of the Treasury
Bureau of the Fiscal Service

Justin Marsico

Product Owner for Data Analytics
U.S. Department of the Treasury
Bureau of the Fiscal Service

Digital Accountability and Transparency Act (DATA Act)

- ▶ DATA Act signed into law **May 2014**
- ▶ Expands the Federal Funding Accountability and Transparency Act (FFATA) of 2006
- ▶ Data standardized via **DATA Act Information Model Schema (DAIMS)**
- ▶ **Goal:** track \$3.8 trillion dollars in annual spending on a quarterly basis and link data from the budget, accounting, procurement and financial assistance databases into one common format



DATA Act Benefits



Improved Data Quality

Increase access to searchable and reliable Federal spending data



Data-Centric Decision Making

Promote data-driven decision making due to access of reliable agency data



Better Oversight

Encourage better tracking of how the Federal government spends funds



Research and Innovation

Promote research and innovation both inside and outside of government



Innovative and Open Implementation Approach

Data-Centric Extraction



Mapped data standards to existing systems to reduce burden and minimize costs across government

Agile Technology Development



Built systems and data standards in 2-weeks sprints to reduce risk and improve outcomes.

Open Source Code



Released all software code to the public and agencies for reuse.

User-Centered Research

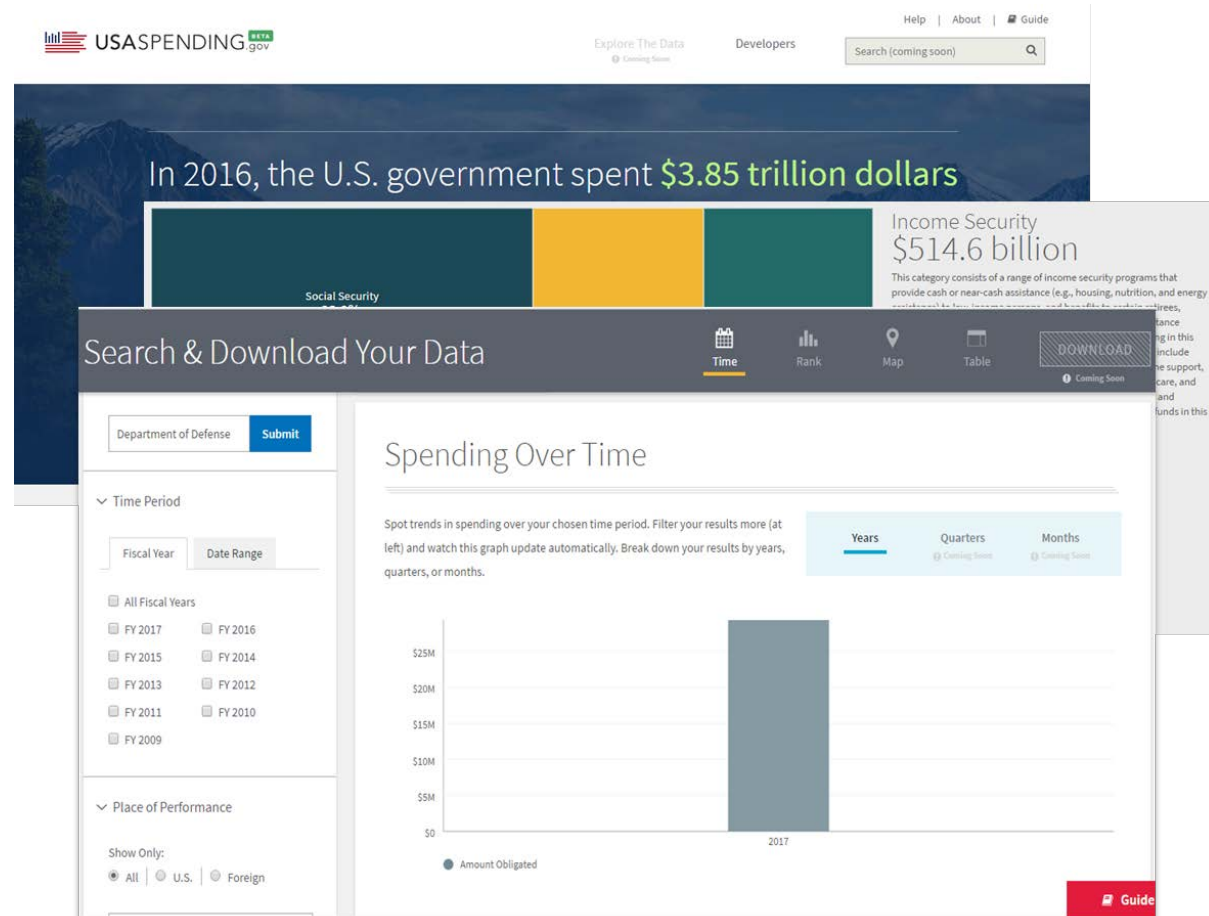


Conducted research with a diverse set of users including federal and congressional staff, and members of the public to inform development of new website.



Beta.USAspending.gov


- ▶ [Beta.USAspending.gov](https://beta.usaspending.gov) launched May 9th with FY 2017 Q2 data
- ▶ First reporting period = data from 85 federal agencies
- ▶ Over the summer, the beta site will run concurrently with the existing USAspending.gov
- ▶ This provides time for users to transition to the new site and for Treasury to make improvements based on user feedback



In 2016, the U.S. government spent **\$3.85 trillion dollars**

How was that money used? We have the answers.

[See the Breakdown](#) 

[Start Your Search](#) 

To track and manage the spending, the United States government breaks down the budget into **19 categories** called

BUDGET FUNCTIONS



National Defense \$595.3 billion

This category includes the military activities of the Department of Defense (DOD), the nuclear-weapons related activities of the Department of Energy (DOE) and the National Nuclear Security Administration, the national security activities of several other agencies such as the Selective Service Agency, and portions of the activities of the Coast Guard and the Federal Bureau of Investigation. The programs in this function include: the pay and benefits of active, Guard, and reserve military personnel; DOD operations including training, maintenance of equipment, and facilities; health care for military personnel and dependents; procurement of weapons; research and development; construction of military facilities, including housing; research on nuclear weapons; and the cleanup of nuclear weapons production facilities.

About **3/4** of total spending was awarded to individuals, private contractors, and local governments.

Direct payments to individuals
30.3%

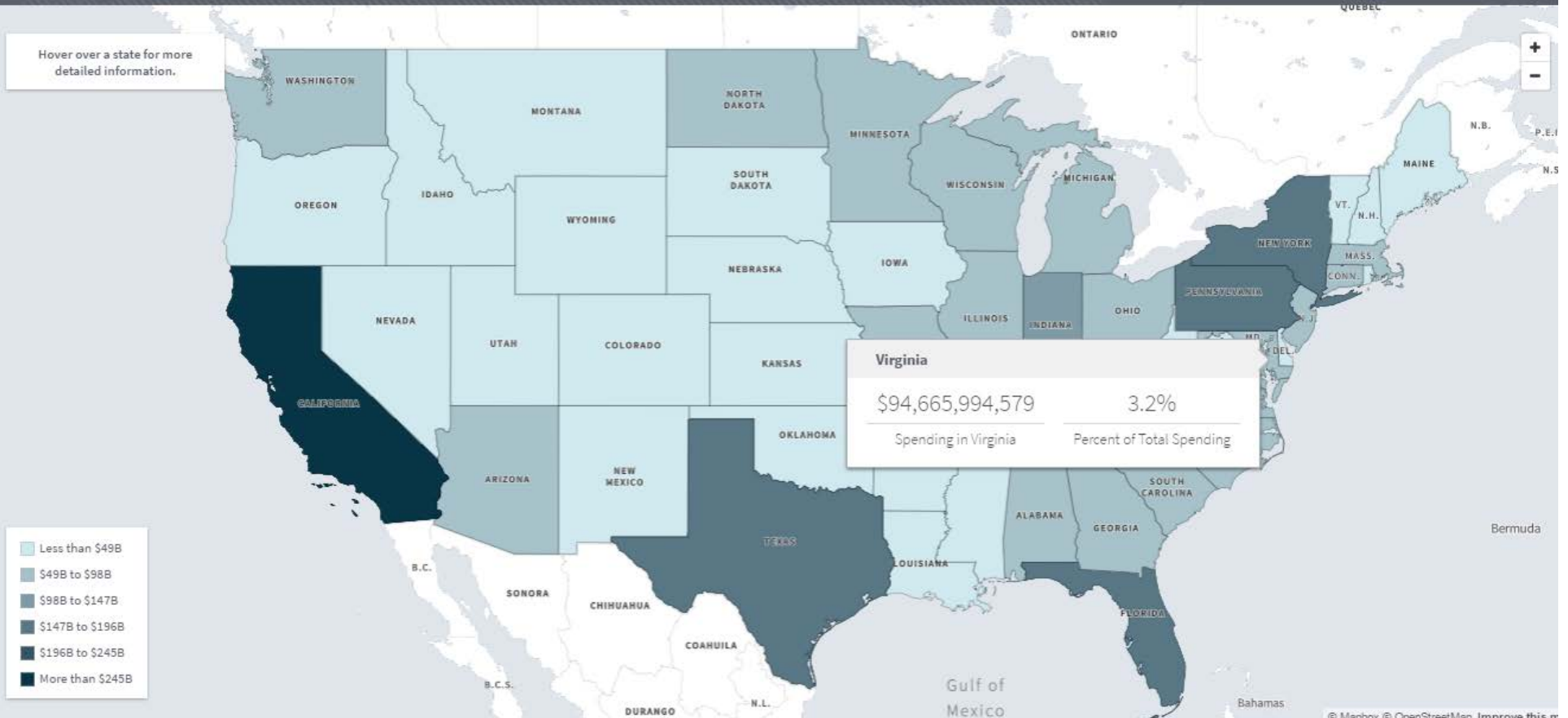
For Profit
18.7%

Grants to state, local, a...
17.4%

Non-...
5.0%

Running the government & direct services
28.7%

The geographic breakdown of this portion of the budget is shown on the map below



Search & Download Your Data



Time



Rank



Map



Table



Coming Soon

Filter by:

Search

Search by Keyword

Submit

Time Period

Fiscal Year

Date Range

All Fiscal Years

FY 2017

FY 2016

FY 2015

FY 2014

FY 2013

FY 2012

FY 2011

FY 2010

FY 2009

Place of Performance

Show Only:

All | U.S. | Foreign

State, City, County, ZIP, or District

Spending Over Time

Spot trends in spending over your chosen time period. Filter your results more (at left) and watch this graph update automatically. Break down your results by years, quarters, or months.

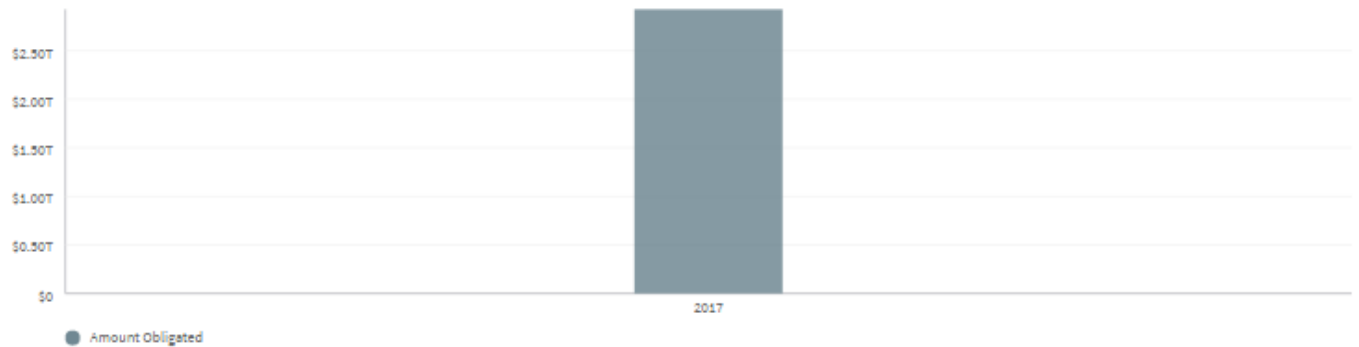
Years

Quarters

Coming Soon

Months

Coming Soon



Spending by: Budget Category

View a list of the top budget categories from highest to lowest. Filter your results more (at left) and watch this graph update automatically. View your results in a bar graph or a tree map.

Budget Functions

Federal Accounts

Object Classes



Federal Account Summary

Federal Account Symbol
075-0515



State Children's Health Insurance Fund, Centers for Medicare and Medicaid Services, Health and Human Services

Account Description

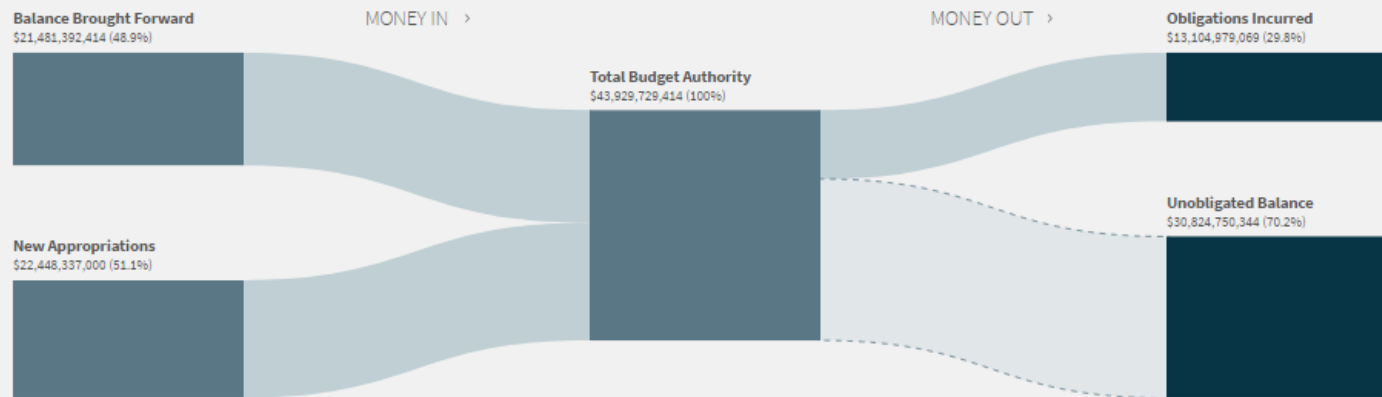
Not available

Fiscal Year Summary

For this current fiscal year, this agency has been granted authority to spend \$44B out of this federal account. They carried over a balance of \$21B from last year, were given \$22B in new appropriations, and have authority to use \$0 of other budgetary resources.

To date, 29.8% (\$13B) of the total \$44B has been obligated.

Fiscal Year Snapshot



Filter by:

Time Period

Fiscal Year

Spending Over Time

Spot trends in spending over your chosen time period. Filter your results more (at left) and watch this graph update automatically. Break down your results by years or quarters.


Years

Quarters

Treasury's DATA Act Analytics Program

Treasury's DATA Act analytics program aims to “get the data moving,” using a three-part strategy.

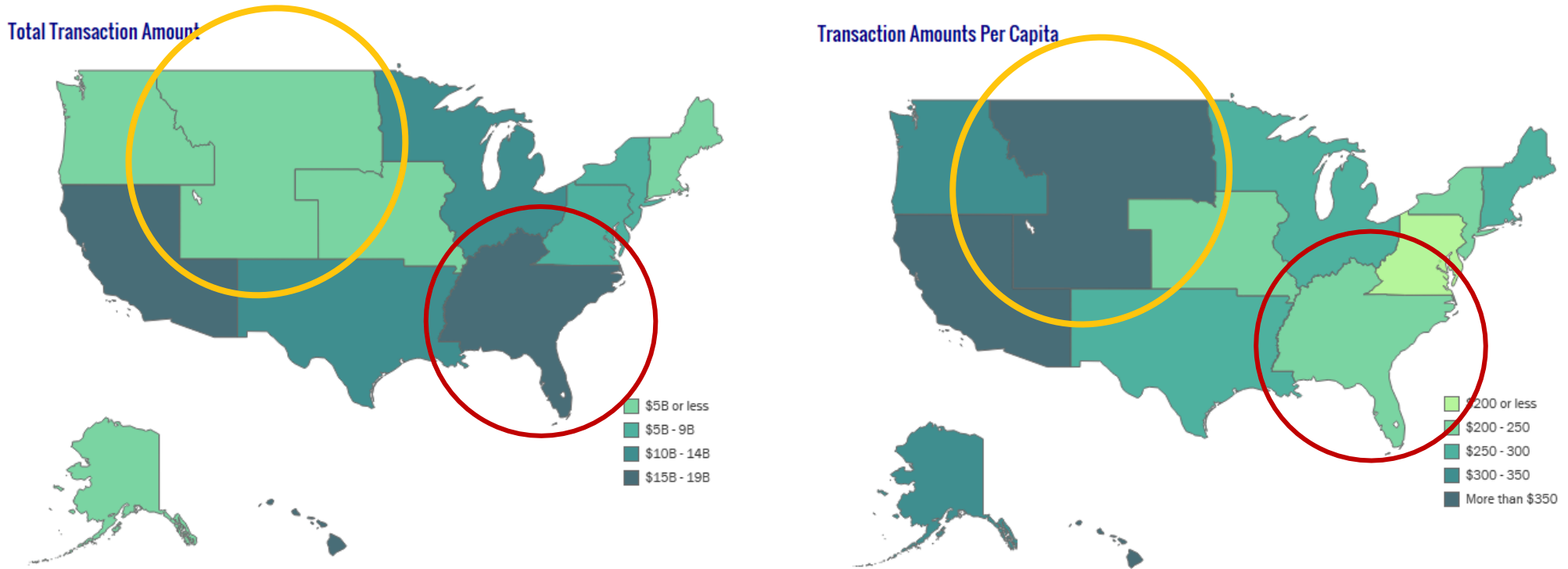
1  Partnerships
with Agencies

2  Partnerships
with States

3  Resources for
the Public

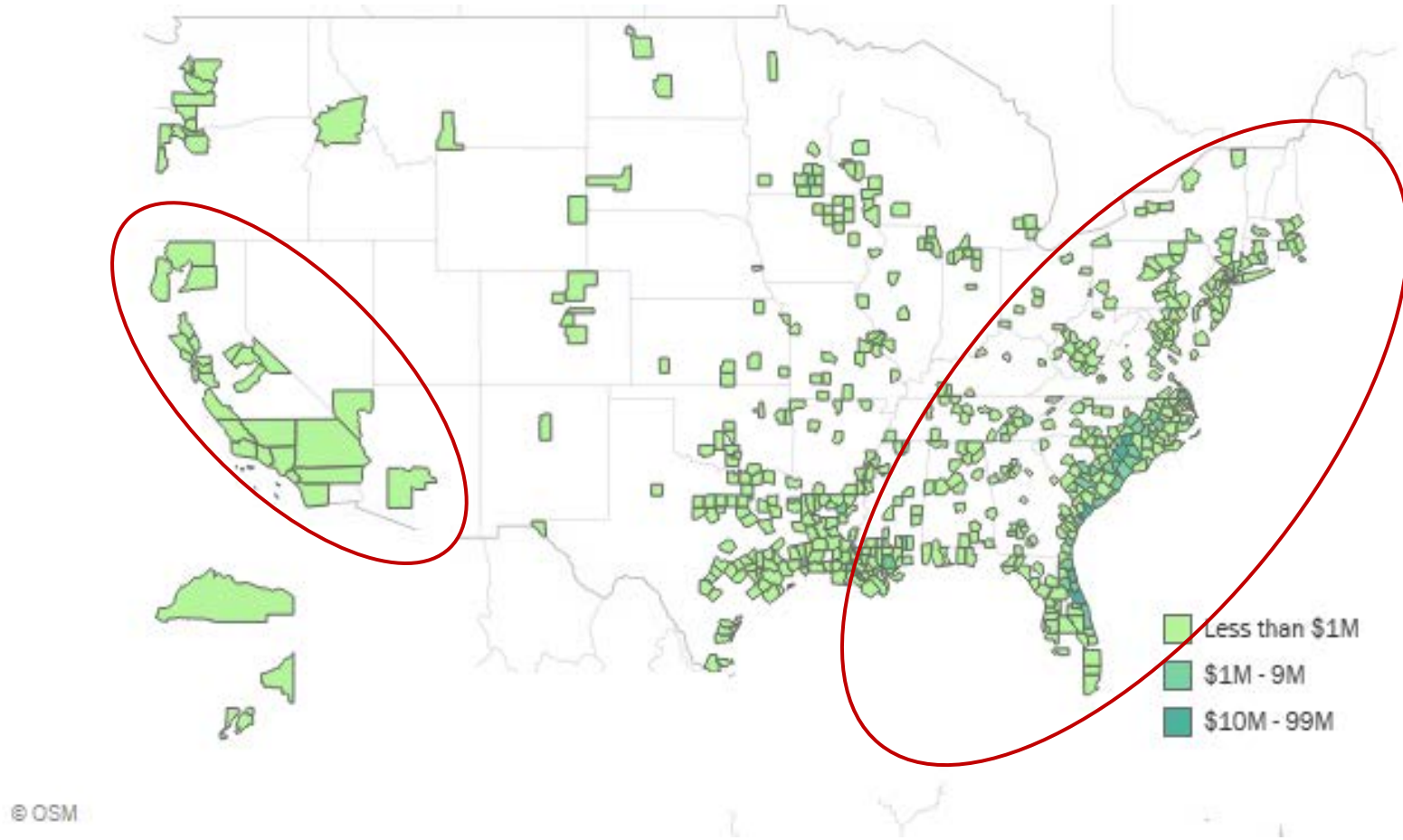


Comparing Small Business Loans Across Geographies



- ▶ The maps above provide total loans and grants awarded to each SBA region (left) as well as the per capita dollars awarded to each region (right)
- ▶ From these charts we can see that the **Southeast** region received a high total amount of grants and loans, while the **Rocky Mountain** region received a relatively low amount
- ▶ However, when looking at the amount received per capita, the results are opposite. The **Southeast** region received a relatively low amount of grants and loans, while the **Rocky Mountain** region received a relatively high amount.

Drilling Down into Disaster Loans



- ▶ Visualizing Disaster Relief Loans & Grants show funds concentrated in areas predisposed to hurricanes, fires, and earthquakes
- ▶ Visualizing data in this manner can identify trends in award actions as well as outliers in areas receiving awards



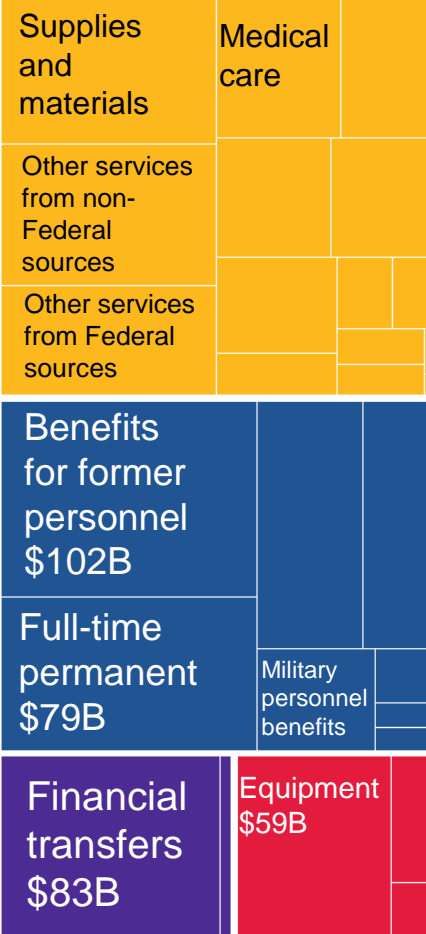
Government-wide Object Class Analysis

Insurance claims and indemnities
\$970B

Grants, subsidies, and contributions
\$666B

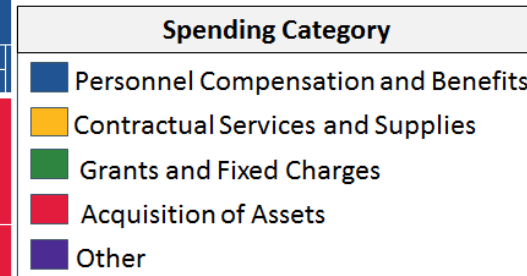
Interest and dividends
\$228B

Refunds
\$187B



▶ With the implementation of the DATA Act, information on how the government spends money across object classes is made widely available for the first time.

▶ The tree map to the left shows expenditures across the government by object class.



Prototype Contract Award Explorer

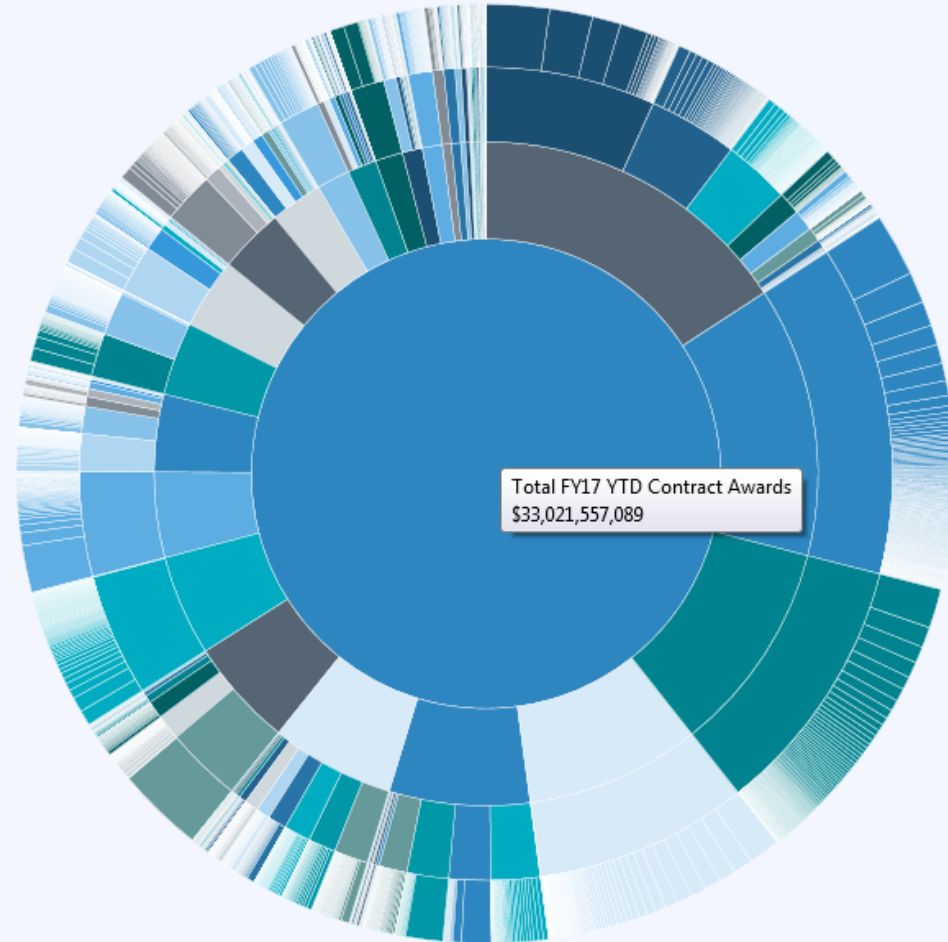
Total FY17 YTD Contract Awards

\$33,021,557,089

Top 10 Agencies by Obligation Amount

Department of Health and Human Services	\$5,224,097,022
Department of Veterans Affairs	\$4,340,298,400
National Aeronautics and Space Administration	\$3,428,448,010
Department of Energy	\$2,812,557,980
Department of Defense	\$2,263,012,089
Department of Homeland Security	\$1,990,513,584
Department of Commerce	\$1,747,565,100
Department of State	\$1,615,146,430
Agency for International Development	\$1,374,204,490
Department of Justice	\$1,248,305,780

Click the Center Node to Return to a Higher Level of Abstraction



Prototype Contract Award Explorer

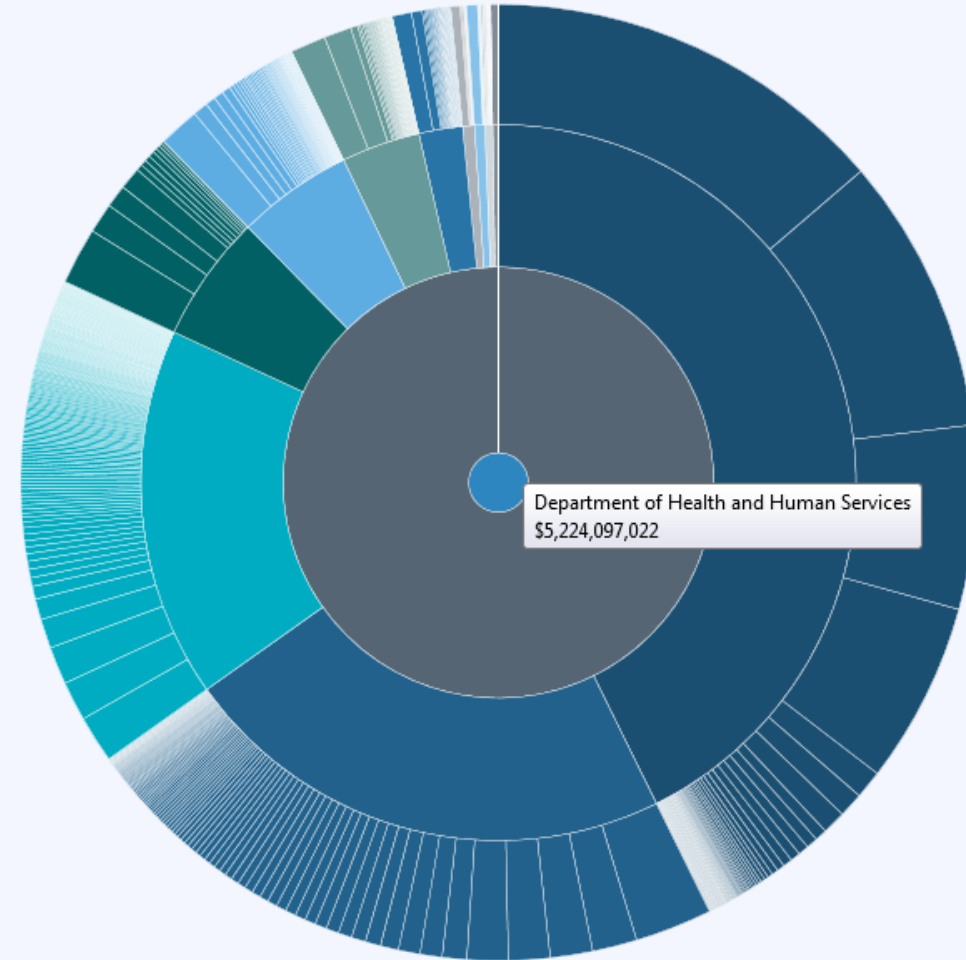
Department of Health and Human Services

2017 YTD CONTRACT OBLIGATIONS \$5,224,097,022

Top 5 Contracting Agencies to the Department of Health and Human Services

Centers for Disease Control and Prevention	\$2,231,363,120
Centers for Medicare and Medicaid Services	\$1,174,073,360
National Institutes of Health	\$873,185,420
Office of Assistant Secretary for Preparedness and Response	\$300,026,040
Office of the Assistant Secretary for Administration (ASA)	\$272,821,150

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Prototype Contract Award Explorer

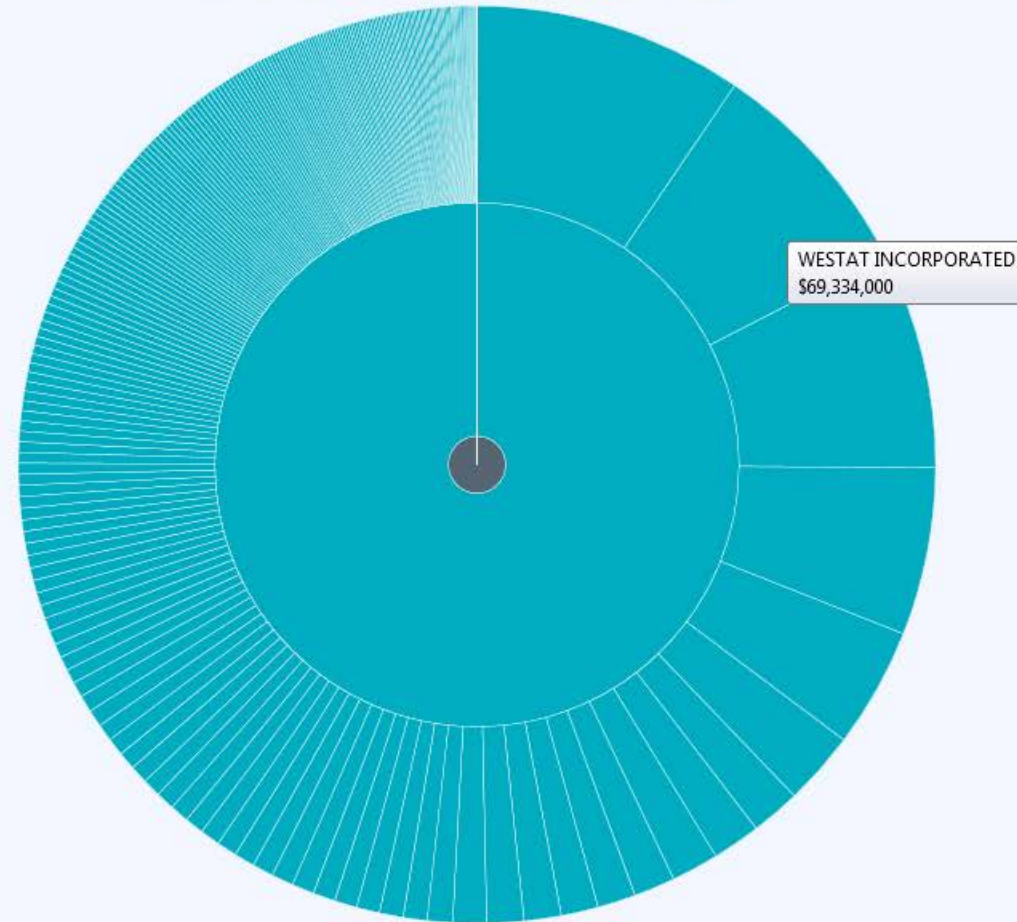
WESTAT INCORPORATED

THIS CONTRACT WITH THE NATIONAL INSTITUTES OF HEALTH IS VALUED AT \$69,334,000

WESTAT INCORPORATED HAS BEEN AWARDED A NET TOTAL OF \$181,964,815 IN CONTRACTS YTD 2017

Business Address:
1600 RESEARCH BLVD
ROCKVILLE, MD

Click the Center Node to Return to a Higher Level of Abstraction



For More Information

<https://fedspendingtransparency.github.io/>

<https://beta.usaspending.gov/>

