

AAA weARE Webinar

August 20, 2021





School of Business

Data Visualization

Hands-on Training and Resources for Your Classroom

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Visit the following URL to obtain materials used in the webinar and other instructional resources

[CLICK HERE](#)

Advancements have been made. Audit and tax have changed.

With technology, there is no way to do work as was done in the past.



Michael Johnson
PwC, National Practice

Hands-on data visualization

Teaching suggestions

Classroom resources

Questions and answers

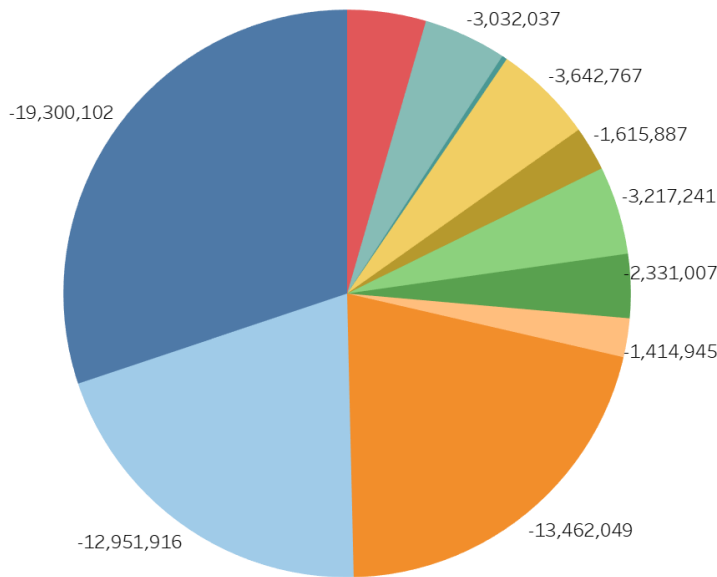
Post-webinar help

U.S. DATA Act Visualization Case



Government Accountability Office (GAO) - File B: Program Activity & Object Class

Spending Chart by USSGL



High-level Overview

| | Value | % of Total |
|---|-------------|------------|
| GOAL 1-Address Current and Emerging Challenges to the Well-being and Financial Security of the American People | -19,300,102 | 33.11% |
| GOAL 2-Respond to Changing Security Threats and the Challenges of Global Interdependence | -12,951,916 | 22.22% |
| GOAL 3-Help Transform the Federal Government to Address National Challenges | -13,462,049 | 23.10% |
| GOAL 4-Maximize the Value of GAO by Enabling Quality, Timely Service to the Congress, and by Being a Leading Practices Federal Agency | -1,414,945 | 2.43% |
| GOAL 8-Other Costs in Support of the Congress | -2,331,007 | 4.00% |
| Reimbursable program activity goal 1 | -3,217,241 | 5.52% |
| Reimbursable program activity goal 2 | -1,615,887 | 2.77% |
| Reimbursable program activity goal 3 | -3,642,767 | 6.25% |
| Reimbursable program activity goal 4 | -188,761 | 0.32% |
| Reimbursable program activity goal 8 | -3,032,037 | 5.20% |

Switch Dimensions

Program Activity

Switch Measures

4801: Undelivered Orders - O...

Pick Your Dimension

- GOAL 1-Address Current an..
- GOAL 2-Respond to Changin..
- GOAL 3-Help Transform the ..
- GOAL 4-Maximize the Value ..
- GOAL 8-Other Costs in Supp..
- Reimbursable program acti..
- Reimbursable program acti..
- Reimbursable program acti..
- Reimbursable program acti..
- Reimbursable program acti..
- Unknown/Other

Definitions:

Object Classes: Categories in a classification system that presents obligations by the items or services purchased.

Main Account Code: This is a 4-digit number that is part of a Treasury Account Symbol (TAS) and Identifies the TAS type and purpose.

Sub Account Code: Considered "000" in All Instances.

By Direct Reimbursable Funding Source: Direct (D) or Reimbursable (R) Funding

Program Activity Name: Major Program Activity Name.

How to introduce Tableau to your students

- **All students**

- Online Tableau tutorial (in full)
- Acme audit case¹
- Part 2 of the DATA Act case

- **More detailed instruction**

- Additional exercises and learning
- Replicate the Acme audit case
- Data joins and other topics
- Part 1 and 2 of the DATA Act Case
- Tableau Desktop Specialist certification

¹“A Picture is Worth a Thousand Words,” by J. Perols and A. Dzurainin, forthcoming Journal of Forensic Accounting Research <https://doi.org/10.2308/JFAR-2020-001>

Feel free to ask me questions anytime!

A large, light gray outline of an envelope with a yellow interior. A white document with a folded corner and a large '@' symbol is shown inside the envelope.

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