

Iowa Department of Management
Rebuild Iowa Infrastructure Fund Appropriation Status Report (8.57)
Technology Reinvestment Fund Appropriation Status Report (8.57C)
December 2024

Project:

Iowa Electronic Grant Management System - IowaGrants.gov

Description:

IowaGrants.gov is an all-inclusive grant identification portal and a comprehensive enterprise-wide grant management system. The system is available to all state agencies with the cost of maintenance and hosting paid entirely by the appropriation. For state agencies that administer a variety of state and federal competitive and pass-through grant programs, it eliminates the costs of continued investments in the development and operation of agency-unique grant management systems. The system provides public and private entities seeking funding through state administered grant programs, a single portal to search for open solicitations or ongoing grant programs. External users of the system include city and county entities, all of Iowa’s school districts, non-profit organizations, as well as the general public. IowaGrants.gov successfully interfaces with the state’s I3 financial system.

Progress of Work:

The project continues to solicit the use of IowaGrants.gov by all state agencies that award grants.

The following statistics highlight the progress of IowaGrants.gov, through November 2024:

Participating Agencies = 12	Participating Organizations = 12,941
Participating Programs = 83	Attachments = 1,110,722 files
Users = 30,106	Database Size = 13.4 GBs
Unique Users = 6,469	

Funding History:

FY09 Pooled Tech	\$455,000	FY19 TRF	\$ 70,000
FY11 Pooled Tech	\$414,311	FY 20 TRF	\$ 50,000
FY13 TRF	\$125,000	FY 21 TRF	\$ 70,000
FY15 TRF	\$100,000	FY 22 TRF	\$ 70,000
FY16 RIIF	\$ 50,000	FY 23 TRF	\$ 70,000
FY17 RIIF	\$ 50,000	FY 24 TRF	\$ 50,000
FY18 TRF	\$ 50,000	FY 25 TRF	\$ 70,000

Amount of Funds Expended:

(Since Inception)
 \$1,513,393 as of December 31, 2024

Amount of Funds Obligated:

(Since Inception)
 \$1,598,965 – through June 30, 2024

FY24 Total Cost: \$62,744

FY25 Total Cost through November: \$21,436

Iowa Department of Management

Technology Reinvestment Fund Appropriation Status Report (8.57C)

December 2024

Project:

Local Government Property Valuation (Phase 1) and Online Budget and AFR System (Phase 2) and Online City and School Budgets and Amendments (Phase 3) and ongoing improvements.

Description:

Phase 1

During Phase 1, the Department of Management [DOM] updated the VALS application to a web-based application. This application manages valuations uploaded by county auditors by January 1st each year. The program creates numerous reports and performs statutory processes to finalize and certify property tax rates and to report to county auditors by June 15. The system is used by all local levy authorities including cities, schools, etc. to access their property valuation data in order to complete their statutorily-required budgets. The system is also used by other State of Iowa agencies, researchers and members of the public who seek property valuation and tax rate information.

Phase 2

DOM receives annual budgets from over 3,500 local government entities, including cities, schools, counties, townships, assessors, county hospitals and various miscellaneous districts. DOM also receives annual financial reports from cities, counties and Rural Improvement Zones. Currently, all but cities, schools and community colleges use an online application, which is due for an upgrade. Phase 2 of the project includes the development of an all-encompassing online application to be used by all local government entities (including cities, schools and community colleges) to submit budgets and for county auditors to certify local budgets. Those entities submitting annual financial reports to DOM would also use the same system. This online application blends with the valuation application to result in a better user experience and expansion of data reporting available to all users (local government as well as public).

Phase 3

Although school and city budgets were intended to be included in Phase 2 of the application development, resources were depleted before this came to fruition. Therefore, DOM sought additional funding for Phase 3 which included development of the school online functionality and finishing requirements to bring cities online for FY22. Phase 3 also included the development of online amendment forms, which allows all the local governments completing their budgets via this online application to also amend their budgets via the application. In turn, those amendments are available for the public to search and view on our site. This functionality was completed via excel spreadsheets and was not available via our public facing web site. City budgets came on line for FY22 budgets. Budget amendments were available in the fall of 2020

to use for amending FY21 for all but schools. FY23 school budgets were completed via our online system and amendments to the FY22 school budgets came online as well.

All local government budgets and their amendments are completed and available to the public via one online application. Work continues to improve the user experience, make data better available for reporting and comply with statutory changes.

Progress of Work Completed:

Phase 1 (COMPLETE)

- The PVAL application was completed during FY18 and available to all users in November 2018.

Phase 2 (COMPLETE)

- The county and city Annual Financial Reports were available to users in October 2019.
- All budgets except for City and School were available in December 2019. Resources were depleted before City and School budgets were brought online, therefore the work on that functionality was pushed to Phase 3.
- Additional functionality including reporting capacity and public facing view of data were available early in the 2020 calendar year.

Phase 3 (COMPLETE)

- School budgets were available for the FY23 reporting year.
- School budget amendments were available for the FY 2022 budget year.

ONGOING

- Improvements to user experience for the valuation system users, including improvements to reports and availability of statewide data.
- Improvements to the budget system for users, including error messages, helpful pop ups, prefilling data and print options.
- Improving security and user settings
- Ability for budget submitters to upload supporting documents and for county auditors to then download those documents for certification of budgets.

As of 11/30/2024-\$2,148,277 has been spent of the \$2,424,031 obligated.

Revenue Sources:

FY 18 Technology Reinvestment Fund	\$600,000	2017 Iowa Acts, Chap. 173, Sec. 4.6c
FY 19 Technology Reinvestment Fund	\$600,000	2018 Iowa Acts, Chap. 1162, Sec. 3.6c
FY 20 Technology Reinvestment Fund	\$120,000	2019 Iowa Acts, Chap. 137, Sec 3.9c
FY 21 Technology Reinvestment Fund	\$624,000	2020 Iowa Acts, Chap. 1120, Sec. 3.9c

FY 22 Technology Reinvestment Fund	\$120,000	2021 Iowa Acts, Chap. 167, Sec. 3.8c
FY 23 Technology Reinvestment Fund	\$120,000	2022 Iowa Acts, Chap. 1150, Sec. 3.8c
FY 24 Technology Reinvestment Fund	\$120,000	2023 Iowa Acts, Chap. 118, Sec. 3.8c
FY 25 Technology Reinvestment Fund	\$120,000	2024 Iowa Acts, Chap. 1155, Sec. 3.6c

Development Expenses:

\$2,148,277 has been expended towards development as of 11/30/24.

Operational Expenses:

Per DOM DoIT, the five-year schedule of annual support and maintenance efforts are estimated and range from 45 – 123 hours per year. Resources are billed at the hourly Applications Development Consulting rates. Annual DOM DoIT support and maintenance efforts include ensuring security and support by maintaining/updating solutions to the current supported version of the technology utilized and conducting Sonar scans to identify duplications and system improvements. DOM DoIT will re-evaluate and re-estimate annual support and maintenance in Year 4 for Years 6 and beyond. Should major application enhancements be needed, DOM DoIT may reassess the long-term support and maintenance needs.

Completion Date of Project:

The application for valuation and tax rate processes and data was made available to users in November 2018 (Phase 1). County and city Annual Financial Reports were available to users October 2019. County, emergency management, 911, assessor, ag extension and hospital budgets were available mid-December 2019, with all other budgets (except for schools and cities) available later December/early January 2020. Although school and city budgets were part of the initial Statement of Work, they were not completed within Phase 2 allotted resources. Phase 3 included city budgets and budget amendments for all local governments and schools. Ongoing project work includes improving the functionality of the system for users and for public access.

Iowa Department of Management
Technology Reinvestment Fund Appropriation Status Report (8.57C)
December 2024

Project:

Technology costs associated with implementing the requirements of HF 718 relating to changes to Iowa's property tax laws.

Description:

In the 2023 session, HF 718 passed, which made significant changes to the property tax system and city and county budgets. For DOM to implement these changes, city and county online budget software required significant modifications to calculate individual entity property tax rate maximums. Additionally, the legislation required a new statewide property tax mailing statement detailing city, school and county proposed tax askings and required DOM to collect the required data for the mailing and provide it to county auditors. DOM was also required to develop the template for the property tax mailing. Modifications were also required to the DOM valuation software to enable the statutorily required collection of new construction data and allow for the application of the school tax in residential tax exemption programs.

Progress of Work:

DOM has completed the required software updates to enact the provisions in HF 718.

Funding History:

FY 24 Technology Reinvestment Fund \$100,000 – 2023 Iowa Acts, Chap. 118, Sec. 3.8f

Amount of Funds Expended:

\$99,497 as of June 30, 2024

Iowa Department of Management

Rebuild Iowa Infrastructure Fund Appropriation Status Report (8.57)

Technology Reinvestment Fund Appropriation Status Report (8.57C)

December 2024

Project:

Transparency Project (Searchable Database)

Description:

The Transparency Project involves the development and implementation of an internet-based, searchable portal providing public access to budget, financial, tax, and performance information for Iowa state government.

Progress of Work Completed:

Iowa's data platform (data.iowa.gov) makes it easy to explore, discover, and share Iowa's financial, tax and performance data. The data portal has been operational since January 1, 2012. The Department of Management has been working to transition the data platform from Tyler Technologies, our current vendor, to Google. The transition to Google will provide agencies with a more comprehensive set of tools for presenting information and sharing more meaningful insights with the public.

Moving to the Google environment:

- Improves our ability to process and share large volumes of data
- Enables more customization to tailor reports and dashboards to meet specific needs
- Facilitates more granular access controls and data permissions to better secure data
- Creates a simple and clean interface for data discovery

As part of our transition to Google, we are using this as an opportunity to assess data currently published to find data that is redundant with other published data, are incomplete, are no longer current/out of date, where superseded with new data, and/or are obsolete. We remain focused on providing the highest quality of data available.

Our work has also continued to support, Iowa's interactive checkbook (checkbook.iowa.gov), a companion website, gives the public access to 20.26 million checkbook level transactions, totaling \$224.92 billion from FY 2014 through FY 2025 YTD. The enhanced search capabilities and visual exploration make it easy for citizens to find the information they are interested in.

Revenue Sources:

FY 12 Technology Reinvestment Fund	\$50,000 – 2011 Iowa Acts, Chap. 133, Sec. 3.7
FY 13 Technology Reinvestment Fund	\$45,000 – 2012 Iowa Acts, Chap. 1140, Sec. 3.6a
FY 14 Technology Reinvestment Fund	\$45,000 – 2013 Iowa Acts, Chap. 142, Sec. 3.6
FY 16 Rebuild Iowa Infrastructure Fund	\$45,000 – 2015 Iowa Acts, Chap. 139, Sec. 3.4a
FY 17 Rebuild Iowa Infrastructure Fund	\$45,000 – 2016 Iowa Acts, Chap. 1133, Sec. 3.5a
FY 18 Technology Reinvestment Fund	\$45,000 – 2017 Iowa Acts, Chap. 173, Sec. 4.6a
FY 19 Technology Reinvestment Fund	\$45,000 – 2018 Iowa Acts, Chap. 1162, Sec. 3.6a
FY 20 Technology Reinvestment Fund	\$45,000 – 2019 Iowa Acts, Chap. 137, Sec 3.9a
FY 21 Technology Reinvestment Fund	\$45,000 – 2020 Iowa Acts, Chap. 1120, Sec. 3.9a
FY 22 Technology Reinvestment Fund	\$45,000 – 2021 Iowa Acts, Chap. 167, Sec. 3.8a
FY 23 Technology Reinvestment Fund	\$45,000 – 2022 Iowa Acts, Chap. 1150, Sec. 3.8a
FY 24 Technology Reinvestment Fund	\$45,000 – 2023 Iowa Acts, Chap. 118, Sec. 3.8a
FY 25 Technology Reinvestment Fund	\$45,000 – 2024 Iowa Acts, Chap. 1155, Sec. 3.6a
IOWAccess	\$196,515
DOM Operations	\$11,258
OCIO	\$232,375

Development Expenses:

\$347,773 (total over three fiscal years for original portal).

Operational Expenses:

Annual Software as a Service Subscription Costs (cloud-based portal and checkbook): \$120,000

Agreement prepared by and funded by OCIO. Agreement was originally executed on September 25, 2014, and has been renewed.

Completion Date of Project:

Implementation of Open Data Portal and Open Checkbook is complete, and both sites are operational.

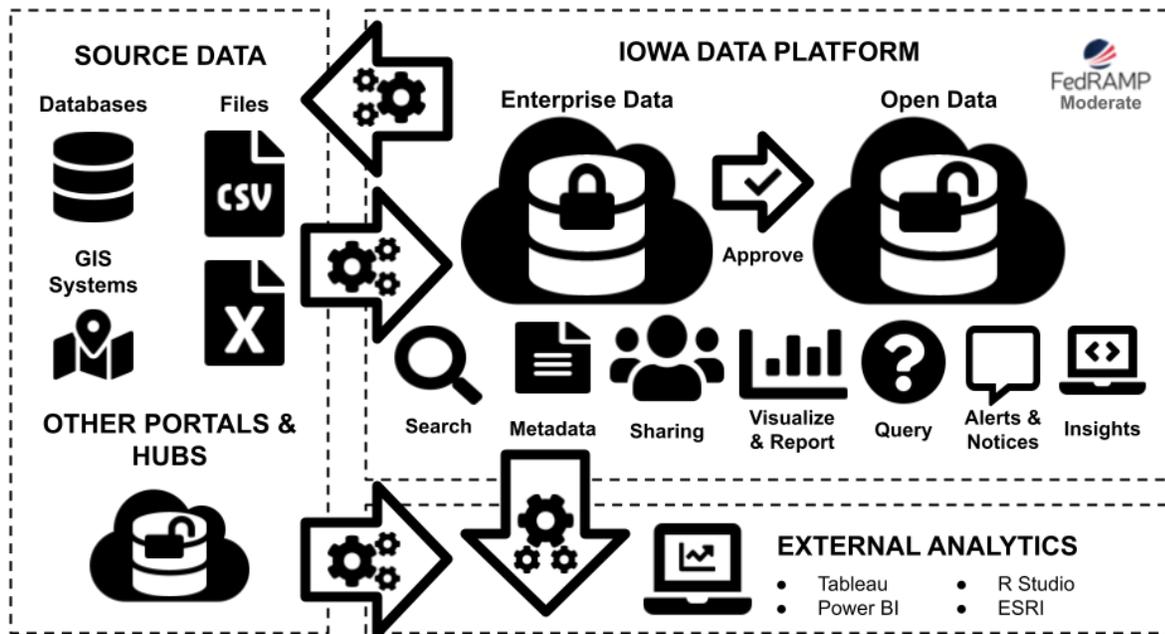
Iowa Department of Management
Technology Reinvestment Fund Appropriation Status Report (8.57C)
December 2024

Project:

Tyler Technologies, Socrata Connected Government Cloud, SaaS, Iowa Data Platform

Description:

The Iowa Data Platform is an integrated solution designed to make data discoverable, usable, and actionable for both government workers and citizens. The portal is [FedRAMP Authorized](#) (see [moderate-level authorization](#)) and utilizes Amazon Web Services (AWS) Public Sector cloud. The platform provides a repeatable process to import data from many source systems, automate its flow to the cloud, organize it in a uniform way, then turn it into an always-on service for data discoverability and reuse downstream.



Key Features

- Enterprise Data Platform - mydata.iowa.gov
- Open Data Platform - data.iowa.gov
- Multiple methods for ingressing and updating data (data management API, Gateways, DataSync - Global Shared)
- Data transformation using Socrata Query Language (similar to SQL)
- Data pipeline and metadata management
- Data catalogs - both internal and public
- Self-service queries and visual analysis/visualization (charts and maps), reporting and storytelling
- Performance management through KPIs, goals, targets, and milestones dashboards
- Advanced alert scheduling and threshold triggering options on data assets.

- Data-sharing between individuals and teams, or all authenticated state users.
- Open (public) data approval workflow.
- Exporting data in a variety of formats
- Programmatic access to data assets with APIs

Insight Applications

Insight applications provide self-service access to state financial data to improve accountability and accessibility. These applications are integrated with the state data portal and include:

- Budget Explorer - presents government budget information in an intuitive visual manner.
- Capital Projects Explorer - provides an easy-to-use dashboard that displays a government agency's spending on capital projects, providing insight into the nature and status of a construction portfolio.
- Expenditures Explorer - facilitates presenting complex financial information, including checkbook-level details of spending.
- Payroll Explorer - presents government payroll information through interactive charts and graphs.
- Insights Dashboard - surfaces data from the ERP and permitting and licensing systems as well as ties in third-party data on business revenue, consumer consumption, and real estate transactions.

Current applications in use:

- [State of Iowa Checkbook](#)
- [Iowa Pandemic Recovery Report](#)
- [State of Iowa City Budget Explorer](#)

Progress of Work:

The Department of Management has been working to transition the data platform from Tyler Technologies, our current vendor, to Google. The transition to Google will provide agencies with a more comprehensive set of tools for presenting information and sharing more meaningful insights with the public.

Moving to the Google environment:

- Improves our ability to process and share large volumes of data
- Enables more customization to tailor reports and dashboards to meet specific needs
- Facilitates more granular access controls and data permissions to better secure data
- Creates a simple and clean interface for data discovery

As part of our transition to Google, we are using this as an opportunity to assess data currently published to find data that is redundant with other published data, are incomplete, are no longer current/out of date, where superseded with new data, and/or are obsolete. We remain focused on providing the highest quality of data available.

Funding History:

The Technology Reinvestment Fund appropriation to the Department of Management supports the ongoing expenses associated with the Socrata Connected Government Cloud.

FY 22 Technology Reinvestment Fund \$371,292
FY 23 Technology Reinvestment Fund \$ 382,131
FY 24 Technology Reinvestment Fund \$382,131
FY 25 Technology Reinvestment Fund \$382,131

2021 Iowa Acts, Chap. 167, Sec. 3.8b
2022 Iowa Acts, Chap. 1150, Sec. 3.8d
2023 Iowa Acts, Chap. 118, Sec. 3.8d
2024 Iowa Acts, Chap. 1155, Sec. 3.6d

Amount of Funds Expended:

\$1,116,857 as of June 30, 2024

Amount of Funds Obligated (since inception):

\$1,498,988

Completion Date of Project:

The Iowa Data Platform is an ongoing effort with data, charts, maps, etc. being continually added. New enhancements are pushed out quarterly to improve the user experience.

**Iowa Department of Management
Technology Reinvestment Fund Appropriation Status Report
December 2024**

Project:

Phone Management Software

Overview:

For the installation of specified applications on state of Iowa mobile devices and installation of other computer programming to restrict state employees from accessing specified internet sites, to include accessing specified internet sites from an internet browser.

Progress of Work Completed:

Purchase of Cisco Umbrella Cloud Security software that uses the internet's infrastructure to enforce security and block malicious activity before a connection is established. Purchase of Managed Engine software that allows the management and patching of workstations and mobile devices.

Revenue Sources:

FY 24 Technology Reinvestment Fund	\$3,180,000 – 2023 Iowa Acts, Chap. 118, Sec. 3.8e
------------------------------------	--

Operational Expenses:

Project Management Implementation Time - \$1,766.70

Annual Service Subscription Costs –

- Cisco Umbrella - \$570,543.04
- Managed Engine software - \$441,578.01

Completion Date of Project:

The appropriation is expected to fund a three-year period of implementation.