



CITY OF KANSAS CITY
♦ MISSOURI ♦



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Open Data KC

[Data.kcmo.org](https://data.kcmo.org)



Watch and Learn

MBA Capstone students in Rockhurst's Helzberg School of Management created information videos about the data catalog. Learn how to use the catalog, find out about business, financial and health data. Hear about how data is being used in the community. Click here or the photo to go to the videos.



View Types

- Datasets
- Charts
- Maps
- Calendars
- Filtered Views
- External Datasets
- Files and Documents
- Forms

Categories

311
Airport
Area Plans
Audits
Budget

[View All](#)

Topics

311
cpd
ltd

Search & Browse Datasets and Views

Most Relevant

	Name		Popularity	Type
▼ 1.	KCMOPS311 Data 311 311, service requests, bdkc Updated daily		2,960 views	
▼ 2.	Current Line Item Budget Budget budget, line item includes prior years		4,689 views	
▼ 3.	Adopted Activity Budget FY15 PDF Budget budget		2,471 views	
▼ 4.	Midtown Heat Map Crime crime This is the most current information as of the date of upload. This provides the user the ability to view the most current crime information within Kansas City, Missouri.		1,906 views	
▼ 5.	KCPD Open 311 Cases 311 311, service requests Updated daily		588 views	
▼ 6.	311 Cases Closed July 2013 Map 311 311, service requests Updated daily		249 views	
▼ 7.	Graffiti requests before 2013 311 311, service requests Updated daily		210 views	
▼ 8.	Parks & Rec Open 311 311 311, service requests Updated daily		257 views	
▼ 9.	311 Closed in 2013 by Request Type on Time 311 311, service requests, bdkc Updated daily		121 views	

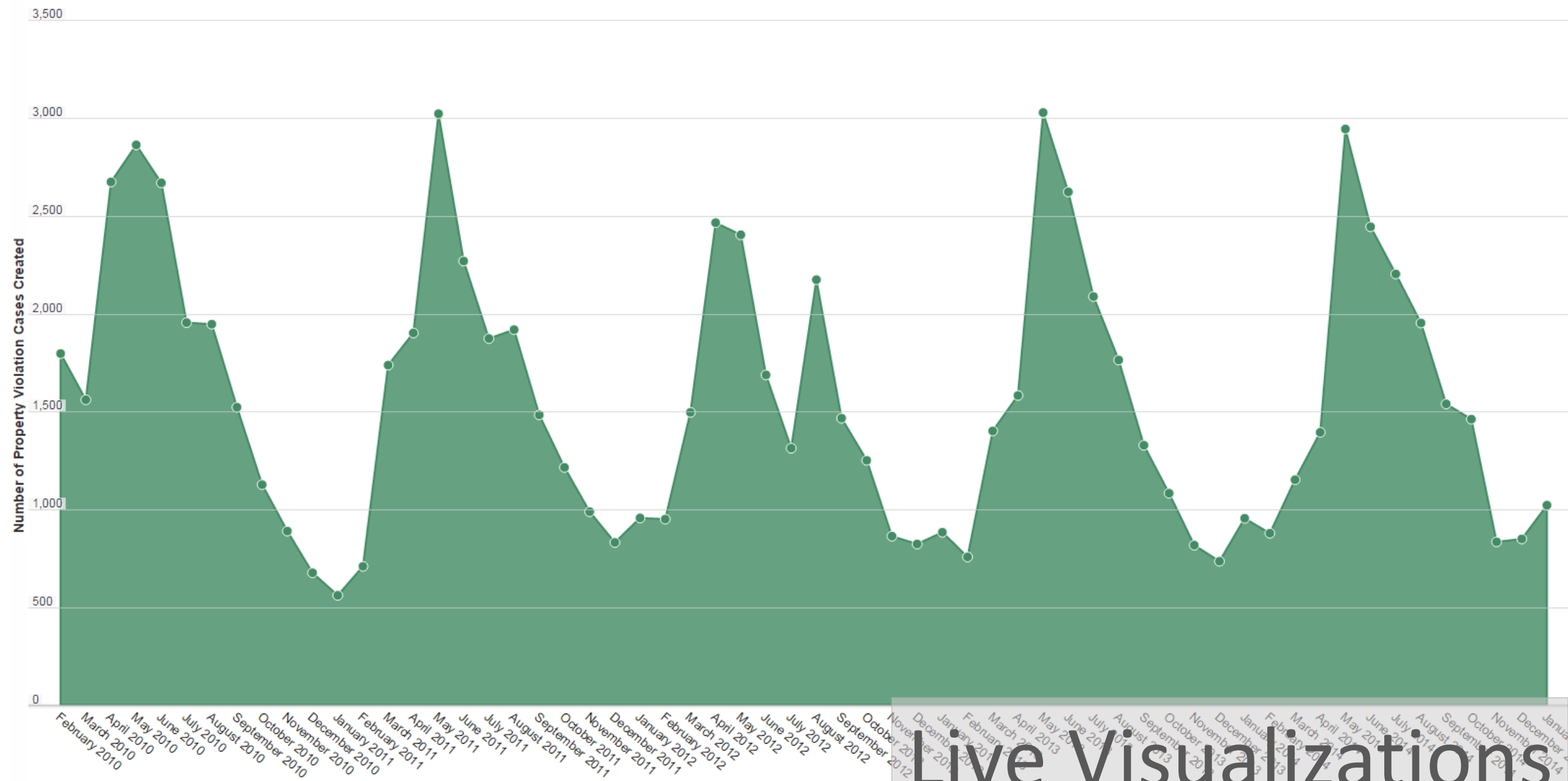
Open Data Portal



311 Property Violation Calls per month

Based on Number Of Property Violations By Month

This is the number of property code violations, rolled up by month and year. This data comes from the kcmops311 dataset. This data set contains the latest data. ▶

[Manage](#)[More Views](#)[Filter](#)[Visualize](#)[Export](#)[Discuss](#)[Embed](#)[About](#)

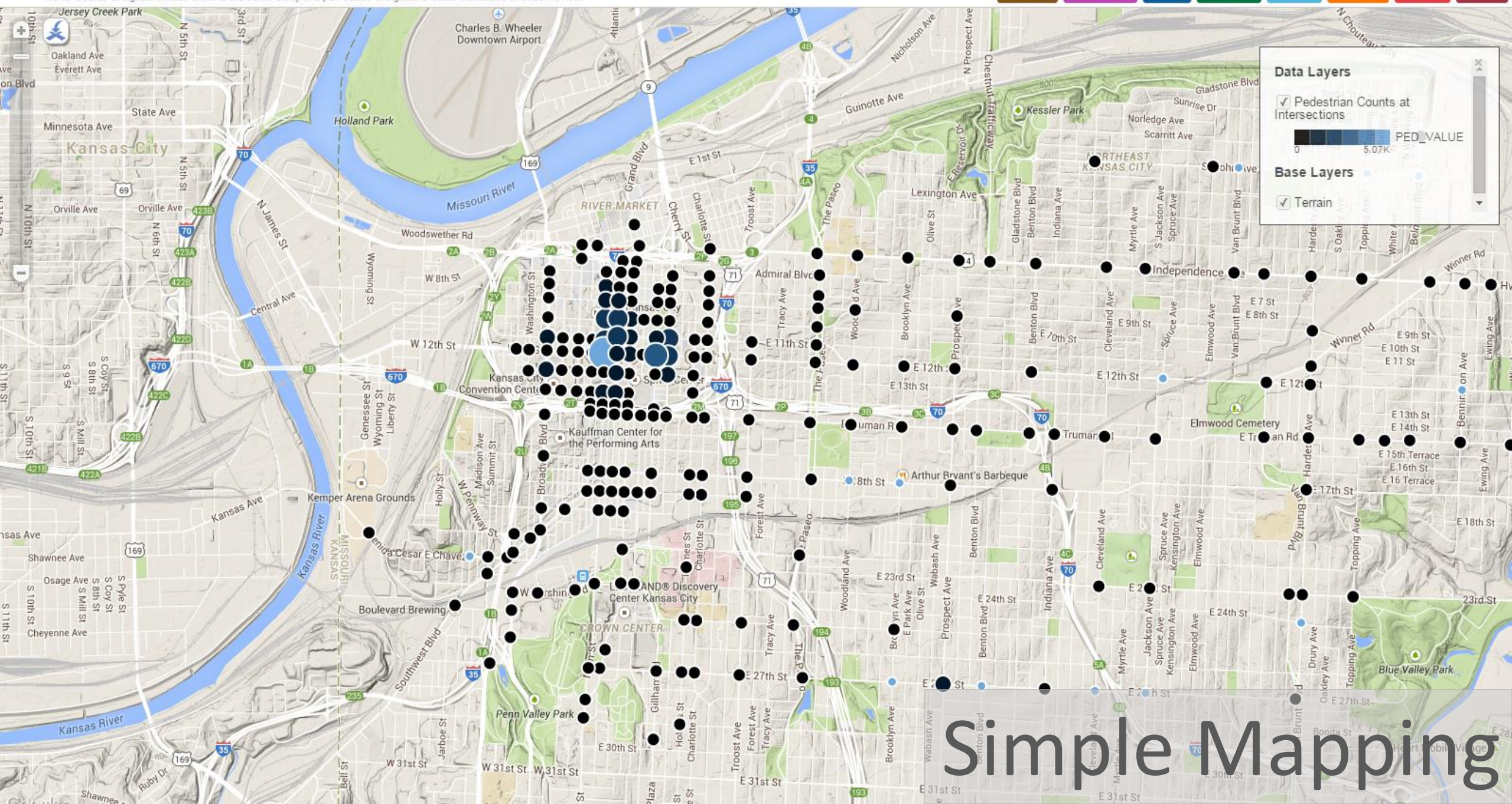
Live Visualizations

Pedestrian Counts at Intersections

Based on Traffic Counts at Signals

Traffic Counts at signals include a link to the traffic study in a pdf. Status of signals is either warranted or under review.

[Manage](#) [More Views](#) [Filter](#) [Visualize](#) [Export](#) [Discuss](#) [Embed](#) [About](#)



Simple Mapping



Auto Theft Map (2015 only)

Based on KCPD Crime Data 2015

This is the most current information as of the date of upload. This provides the user the ability to view the most current crime information within Kansas City, Missouri. The displayed

Manage

More Views

Filter

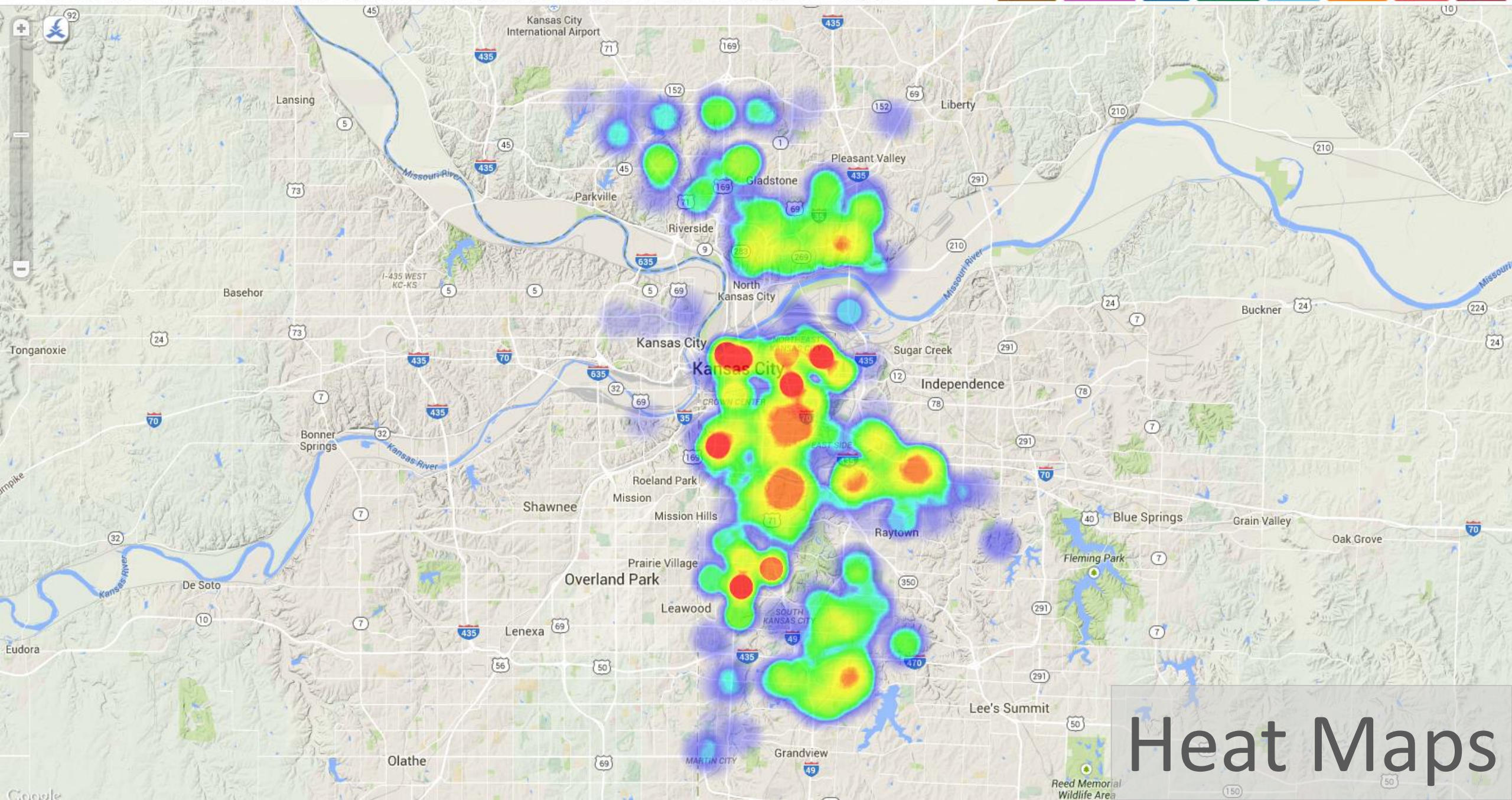
Visualize

Export

Discuss

Embed

About



Heat Maps

Brigade Datasets

- [311 Call Data](#)
 - Call log (not necessarily service requests, just an interaction with a citizen) of 311 inquiries.
- [Dangerous Buildings List](#)
 - Has Kiva Pin that is a key field for web scraping building data
- [Traffic Counts at Signals](#)
 - Rich Data, but hard to interpret
- [Crime Data](#)
 - multiple years available, super granular
- [Business License Holders](#)
 - Not sure how this could be used, but it's good data.
- [Land Bank Data](#)
 - Rich data, however we are still working on cleaning up some of the fields. It's all accurate, but some columns don't have any data in them.

Coming Soon

- Downtown Development Data
- Property Violations Data
- Tow Data
- Better Meta-Data and Data Standards
- Need help setting up API fields

Relevant Features of Data Portal

- Filter, Roll-up and Save to reduce future effort
- Download as CSV, JSON, RSS, XLS, XML etc.
- Open Maps has downloadable geodata
- Soda API
- R Package by Chicago
- Discuss tab goes directly to me





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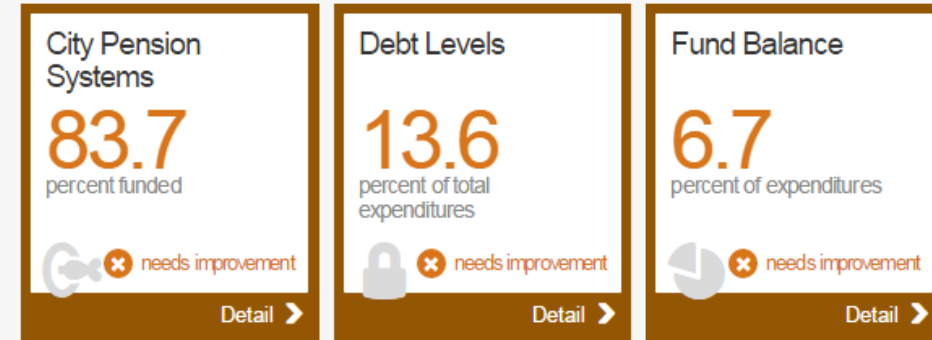


KCSTAT

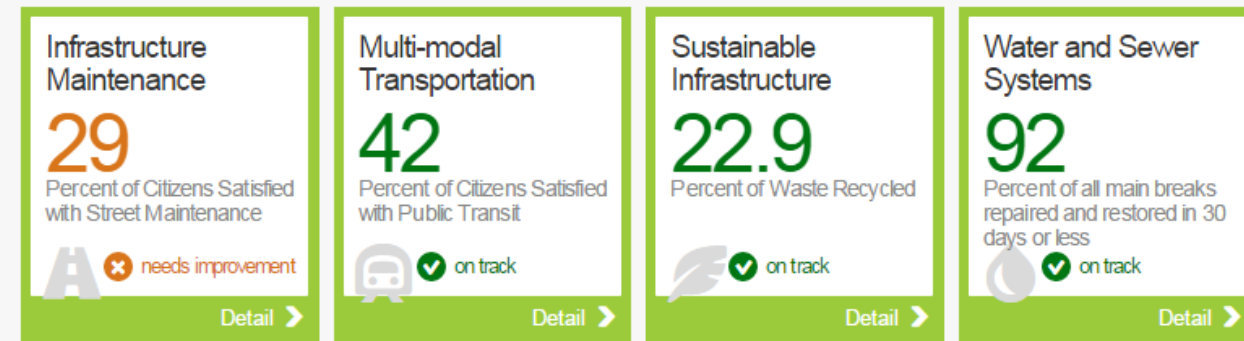
kcstat.kcmo.org

Council Goals

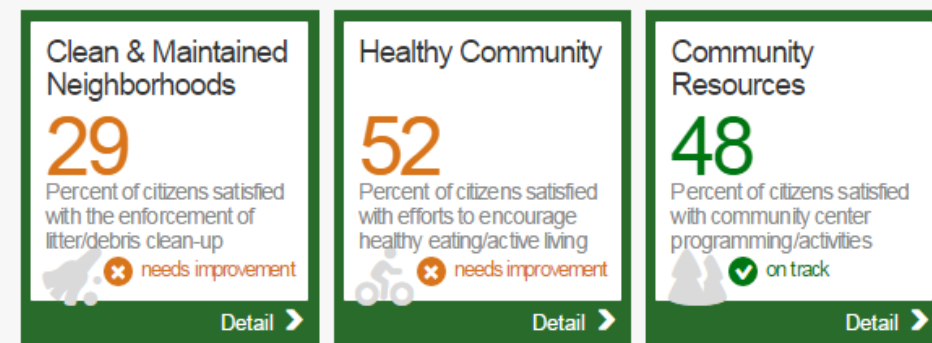
Finance and Governance



Infrastructure and Transportation



Neighborhoods and Healthy Communities



Neighborhoods and Healthy Communities

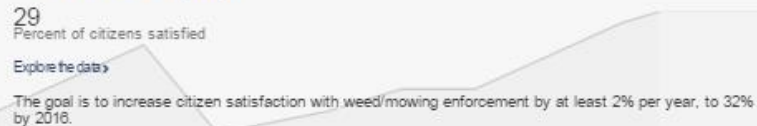
Promote Clean and Well-Maintained Neighborhoods

The key measurement for this priority is citizen satisfaction with the enforcement of litter and debris clean up on private property. The goal is to increase satisfaction by at least 2% per year, which translates into a goal of 33% by 2016. [Explore the data >](#)



Dec 2005 Jan 2007 Jan 2008 Jan 2009 Jan 2010 Jan 2011 Jan 2012 Jan 2013 Jan 2014 Jan 2015 Jan 2016 Jan 2017

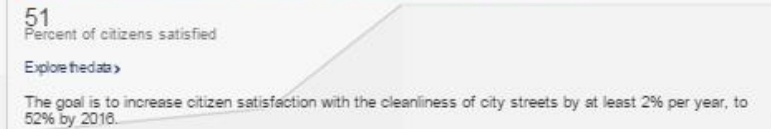
✗ Citizen Satisfaction with Enforcement of Mowing and Cutting of Weeds on Private Property.



✓ Citizen Satisfaction with Enforcement of Property Maintenance for Vacant Structures.



✓ Citizen Satisfaction with the Cleanliness of City Streets



What Strategies is Kansas City Using to Address Clean and Well-Maintained Neighborhoods?

The Council Goal for Clean and Well-Maintained Neighborhoods is: *To support the development, maintenance, and revitalization of sustainable, stable, and healthy communities in which neighborhoods are safe, clean, well maintained, and consistently improved.*

Below are the objectives from the current Citywide Business Plan that outline the specific strategies that the city is pursuing that relate to promoting Clean and Well-Maintained Neighborhoods. These objectives provide insight into the departments that are involved and the actions that are being taken.

Objectives

- Support legislation to provide the City and local neighborhoods better control over the future of vacant properties as quickly as possible.
- Reduce blight: a. Redevelop, repurpose, and clear vacant lots and buildings in collaboration with community partners. b. Aggressively market vacant property inventory to potential investors to stabilize neighborhoods. c. Form cross-departmental teams to create strategies for NHS target neighborhoods. d. Support Land Bank efforts to market properties for productive use.
- Set a sustainable performance standard for demolishing dangerous structures.
- Perform a housing condition survey.
- Reduce illegal dumping and littering by removing disposal access.

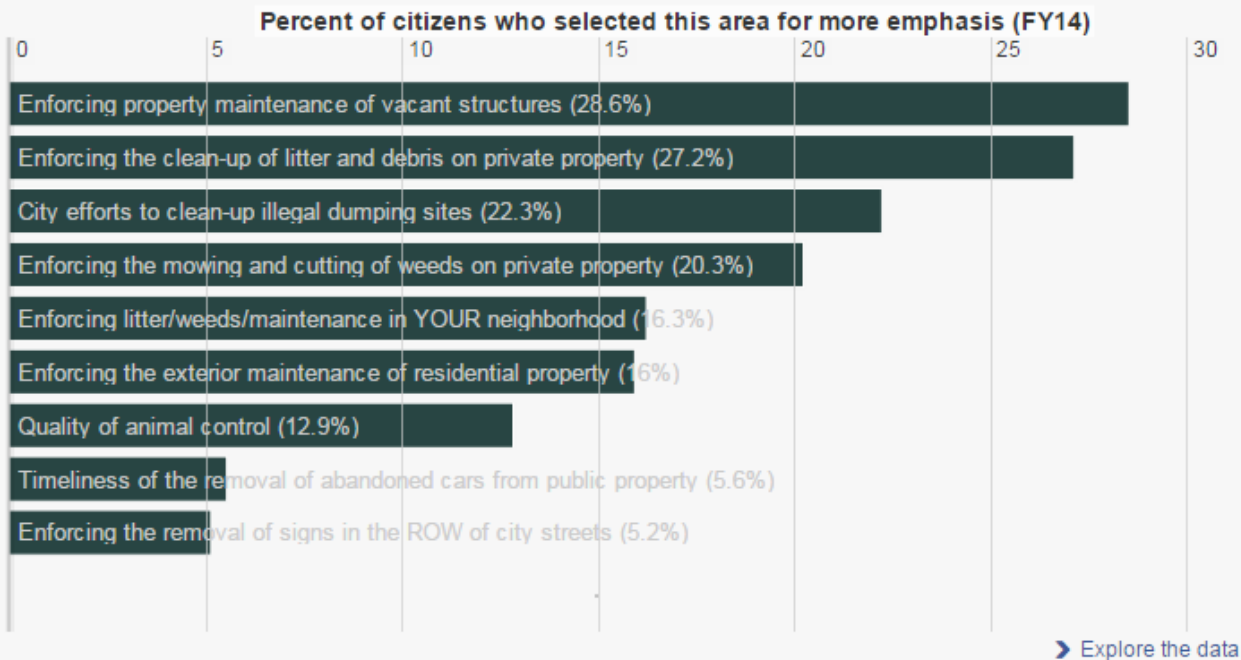
Leading Indicators

How can we measure Progress on Promoting Clean and Well-Maintained Neighborhoods?

The City's efforts to promote clean and well-maintained neighborhoods can be measured via the citizen survey, which assesses citizens' perception of the city's property code enforcement. In addition to citizen survey data, the city also analyzes the location and volume of property violation service requests, as well as the city's efforts to address dangerous buildings through demolition and abatement.

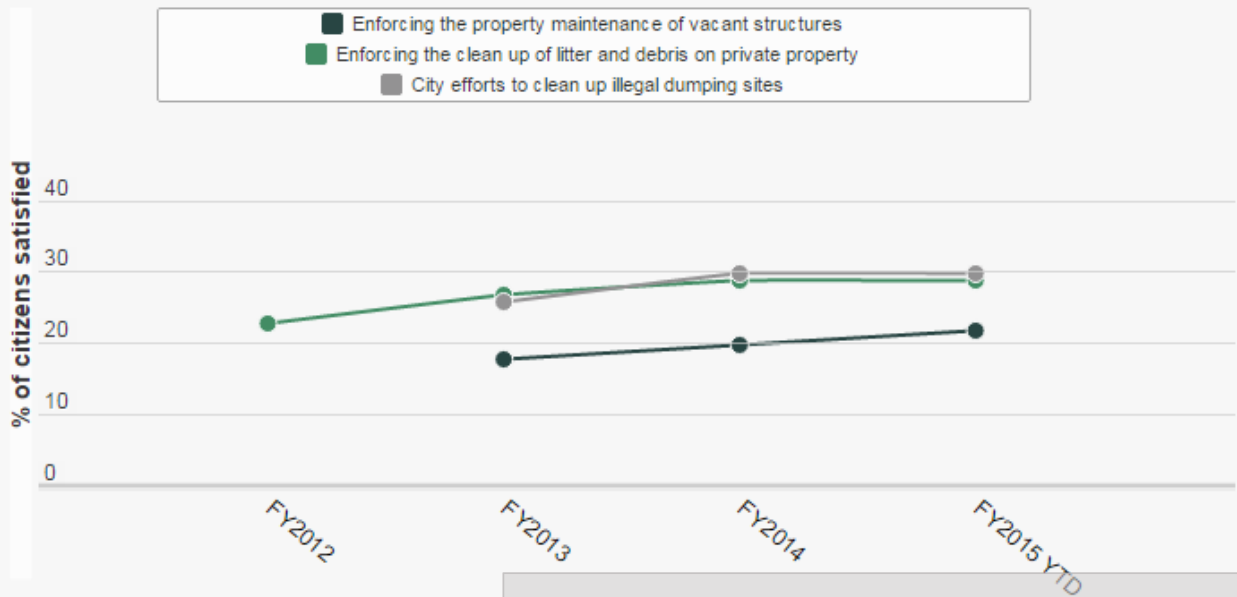
Citizen Priorities for Improvement: Vacant structure property maintenance, litter and debris, illegal dumping and weeds

Within the Neighborhood Services section of the citizen survey, citizens are asked to select the top two service areas needing additional emphasis for improvement. Nuisance violations, such as trash and weeds, along with vacant structure maintenance are at the top. Illegal dumping, which has its own [dashboard page](#) is also highly ranked. *(updated annually)*



Citizen Satisfaction Trends: Top Three Issues

Among the issues that citizens selected as their top priorities for improvement, there is a relatively low level of satisfaction. However, those questions did see statistically significant increases in satisfaction over the last 2 to 3 years. *(updated annually)*





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Open Budget

budget.kmco.gov

Welcome to the Open Budget KC!

Kansas City is committed to using data and customer feedback to drive the decisions that will set our City on the path toward a stronger and more innovative future. As part of this commitment, Kansas City is creating new Open Data resources which foster resident engagement, and make City data more accessible.

Open Budget KC is an interactive tool which allows residents, business owners, and other stakeholders to visualize and explore how the City allocates its money among the City Council's priorities. In addition to presenting the City's budget data in a visual and interactive way, Open Budget KC enables users to easily create and share customized links, or [download budget data](#).

Other Open Data resources, such as [OPEN DATA KC](#), [OPEN MAPS](#), and [KCSTAT](#), are also available online.

[Read More](#)

Search **for a specific thing**

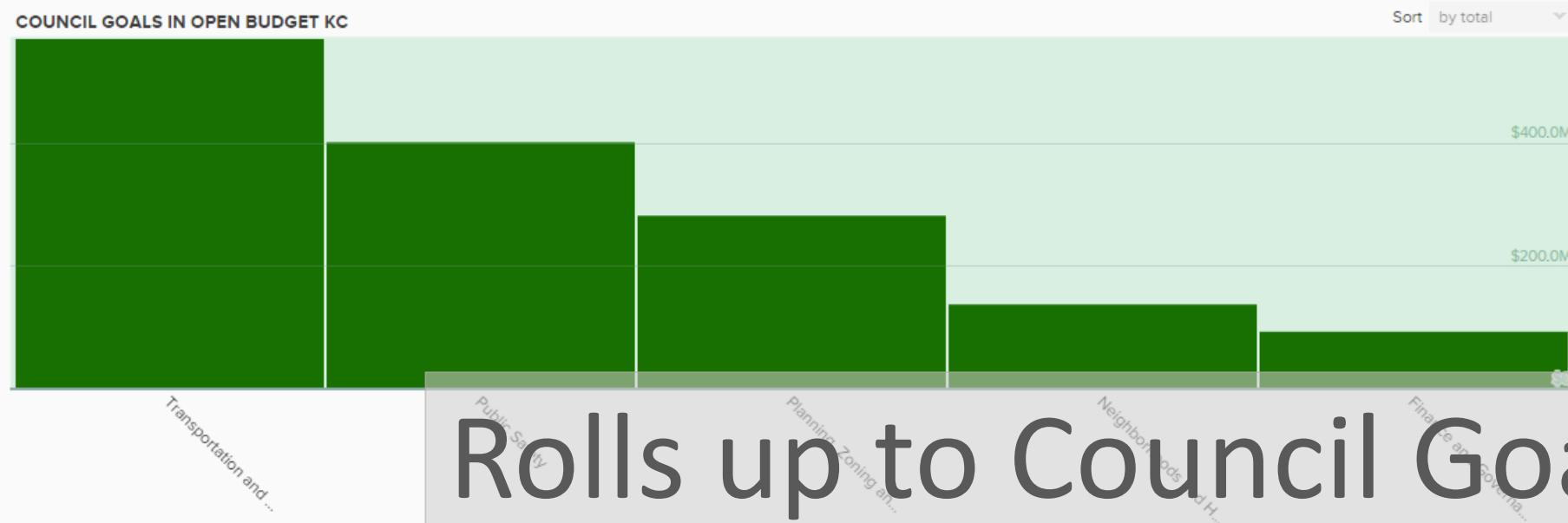
Council Goal, Department, or Program

or simply select a bar below to get started

FISCAL YEAR 2016

Submitted Budget

The **\$1.47** billion provides funds to the city's services.



Rolls up to Council Goals

[^ RETURN TO OPERATING BUDGET](#)

OPERATING BUDGET

Transportation and Infrastructure

\$567 million
38.5% of Operating Budget

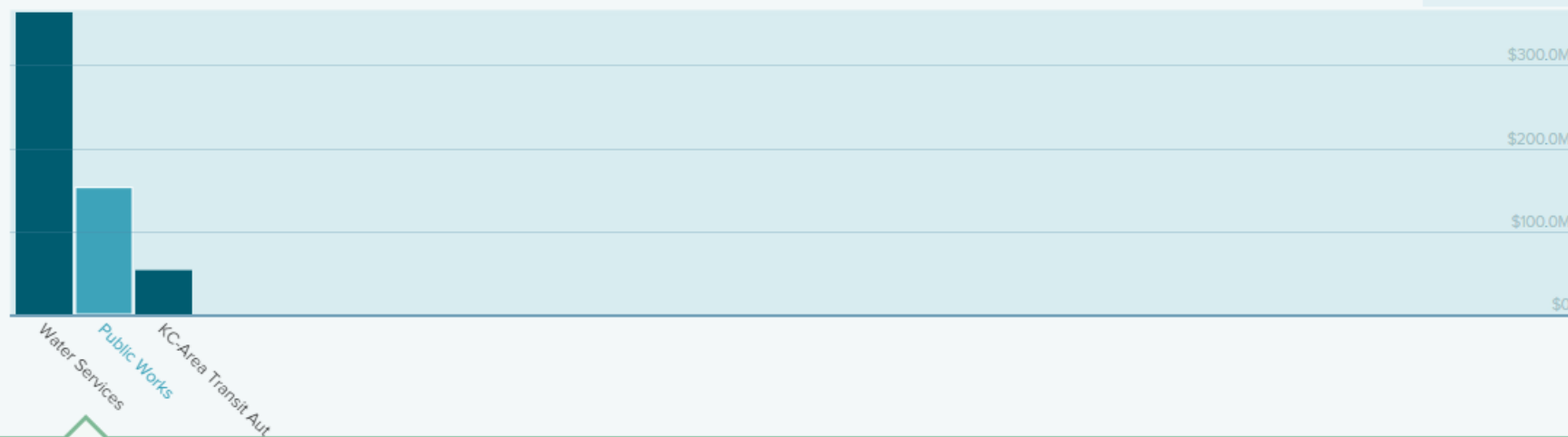


What's it for?

Where's it from?

What was proposed?

3 DEPARTMENTS IN THIS COUNCIL GOAL



Sort by total



TRANSPORTATION AND INFRASTRUCTURE

Public Works

\$152 million
10.3% of Operating Budget

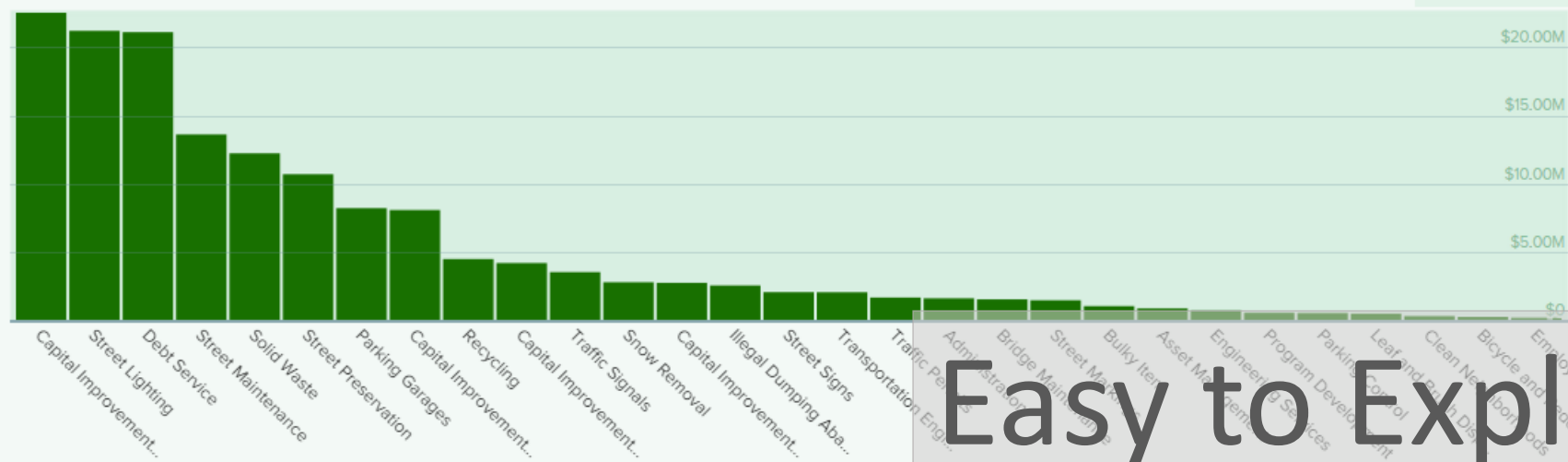


What's it for?

Where's it from?

What was proposed?

30 PROGRAMS IN THIS DEPARTMENT



Sort by total



0 more

1 more

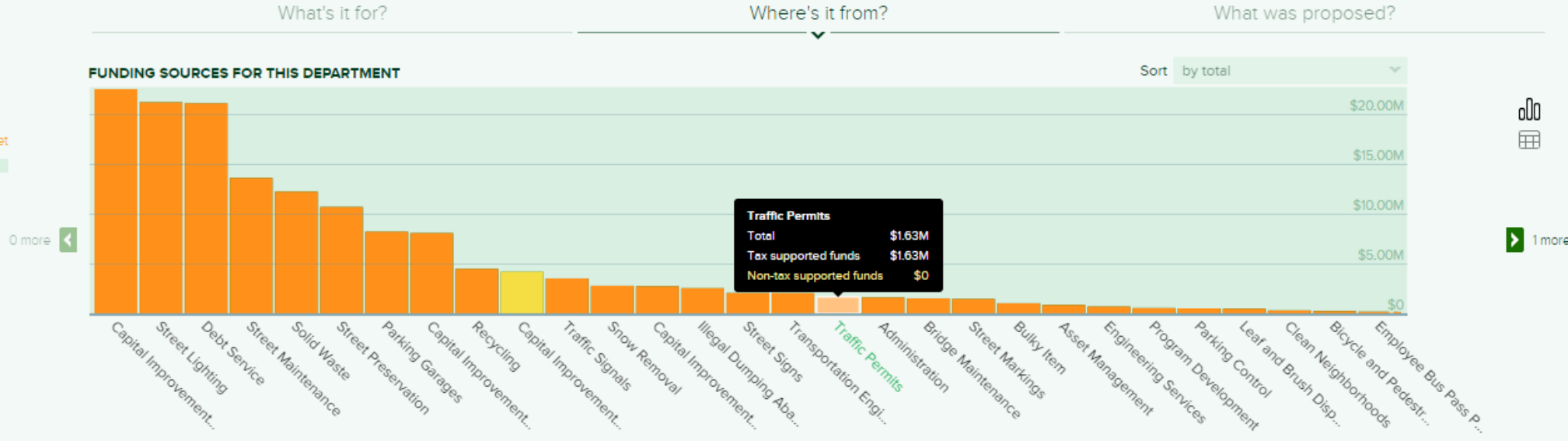
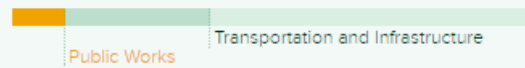
Easy to Explore

[RETURN TO TRANSPORTATION AND INFRASTRUCTURE](#)

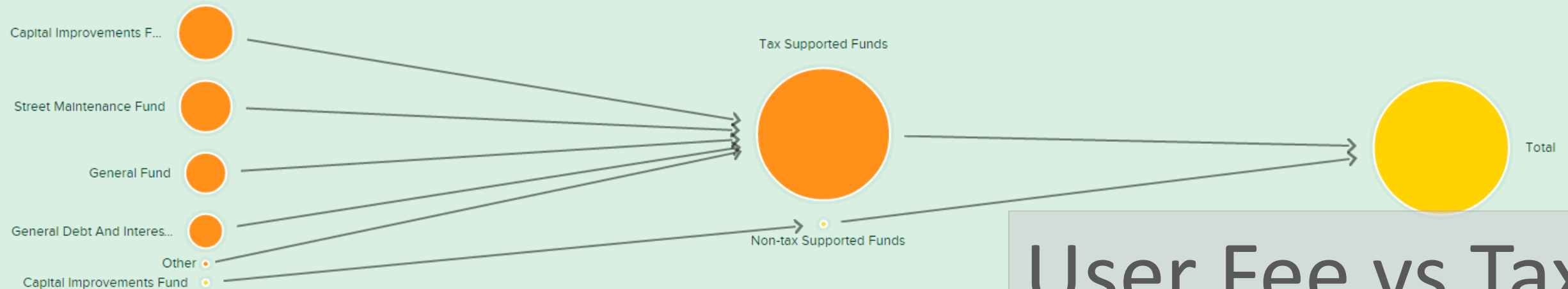
TRANSPORTATION AND INFRASTRUCTURE

Public Works

\$152 million 10.3% of Operating Budget



FUNDING SOURCES FOR THIS DEPARTMENT



User Fee vs Tax



RETURN TO TRANSPORTATION AND INFRASTRUCTURE

TRANSPORTATION AND INFRASTRUCTURE

Public Works

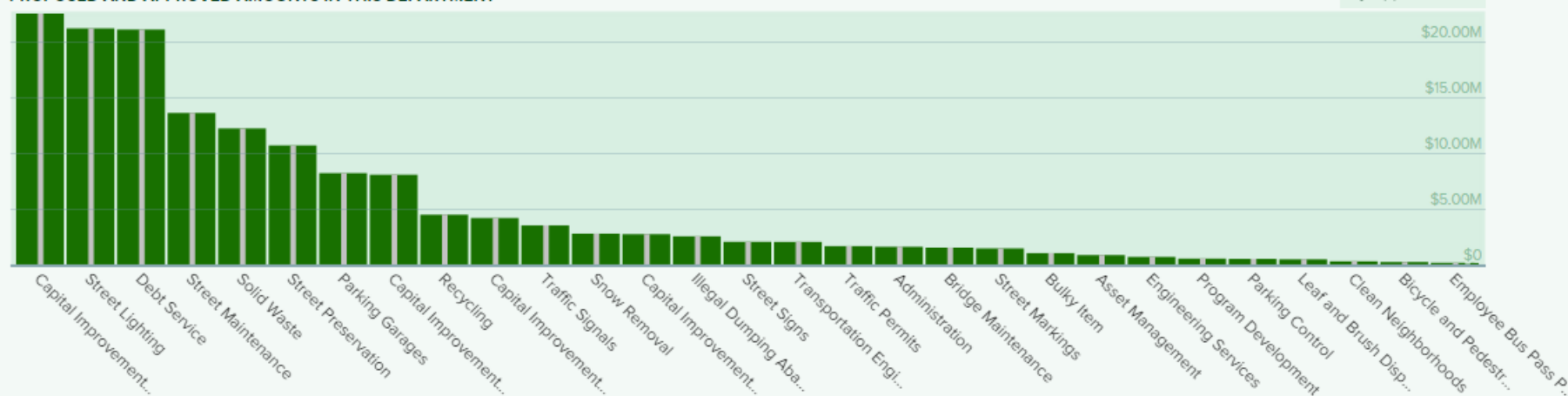
\$152 million 10.3% of Operating Budget



0 more

PROPOSED AND APPROVED AMOUNTS IN THIS DEPARTMENT

Sort by Approved

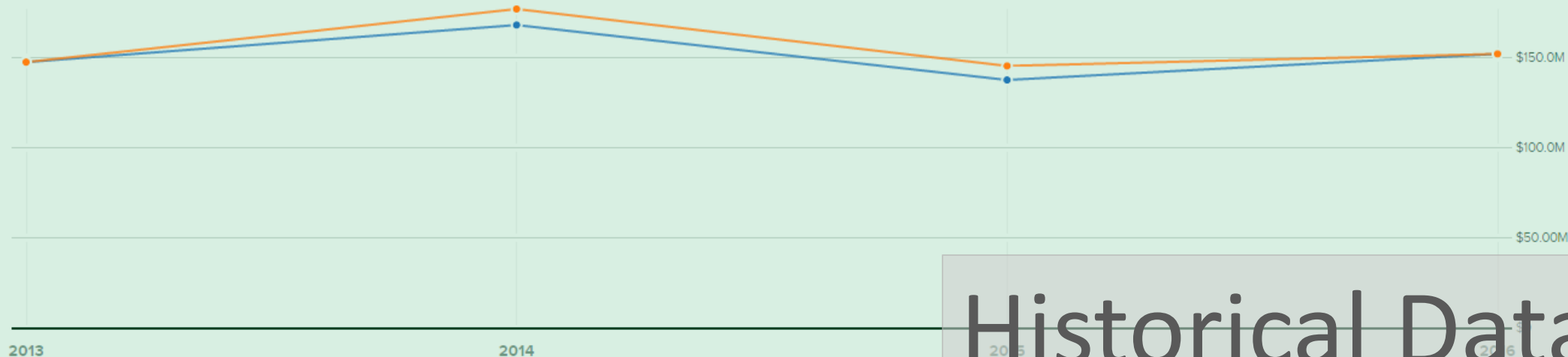


1 more

Hide over time

PROPOSED (CITY MANAGER BUDGET) VS APPROVED FOR THIS DEPARTMENT

Approved
Proposed



Historical Data



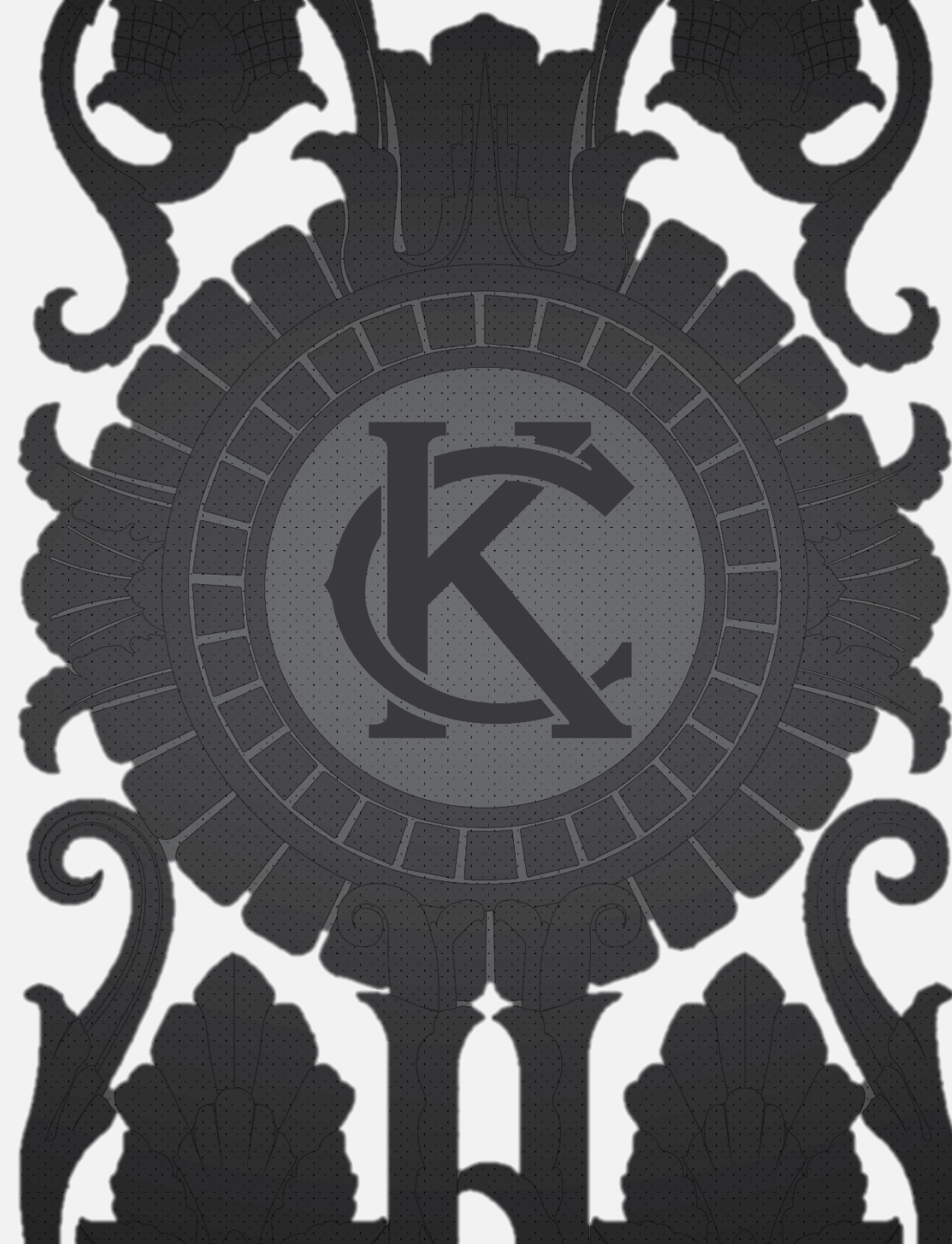
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Internal Use of Open Data

Dogfooding

- KCSTAT
- Use platform to make maps, charts, etc
 - Easy to create and share
 - Helps the organization communicate
 - Ex: Missed Trash in a Neighborhood
- Performance Management Meetings
 - Layering of data
 - Example:
 - Citizen Satisfaction with Street Maintenance
 - 311 Requests for Pothole Repairs
 - Street Resurfacing History






Pothole, CitSat, & Resurfacing History

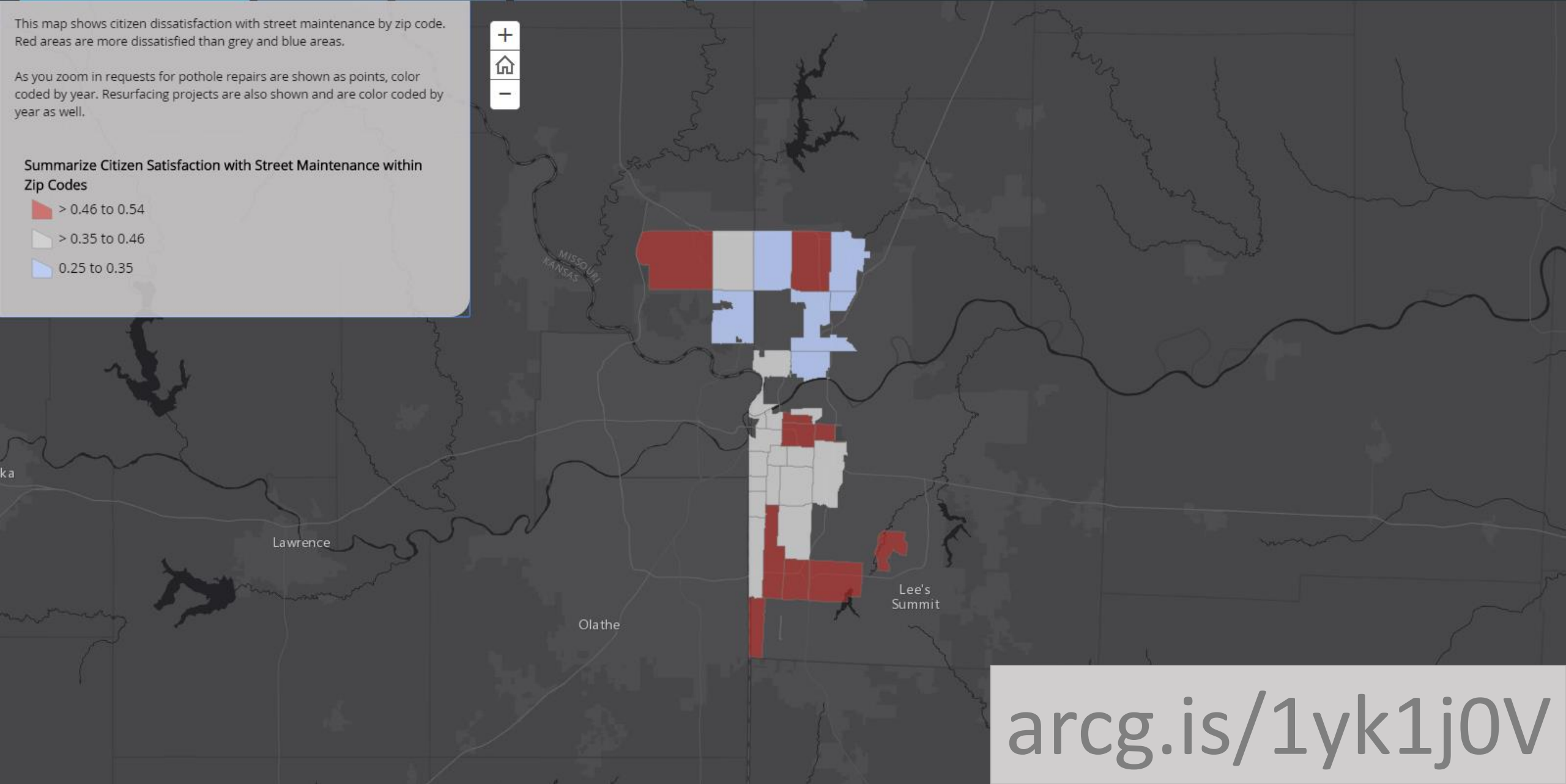
- CitSat, Resurfacing, Pothole Map
- Red Bridge Road
- Hillcrest Road
- NW Lee's Summit Road
- North Pomona Avenue

This map shows citizen dissatisfaction with street maintenance by zip code. Red areas are more dissatisfied than grey and blue areas.

As you zoom in requests for pothole repairs are shown as points, color coded by year. Resurfacing projects are also shown and are color coded by year as well.

Summarize Citizen Satisfaction with Street Maintenance within Zip Codes

-  > 0.46 to 0.54
-  > 0.35 to 0.46
-  0.25 to 0.35



arcg.is/1yk1j0V

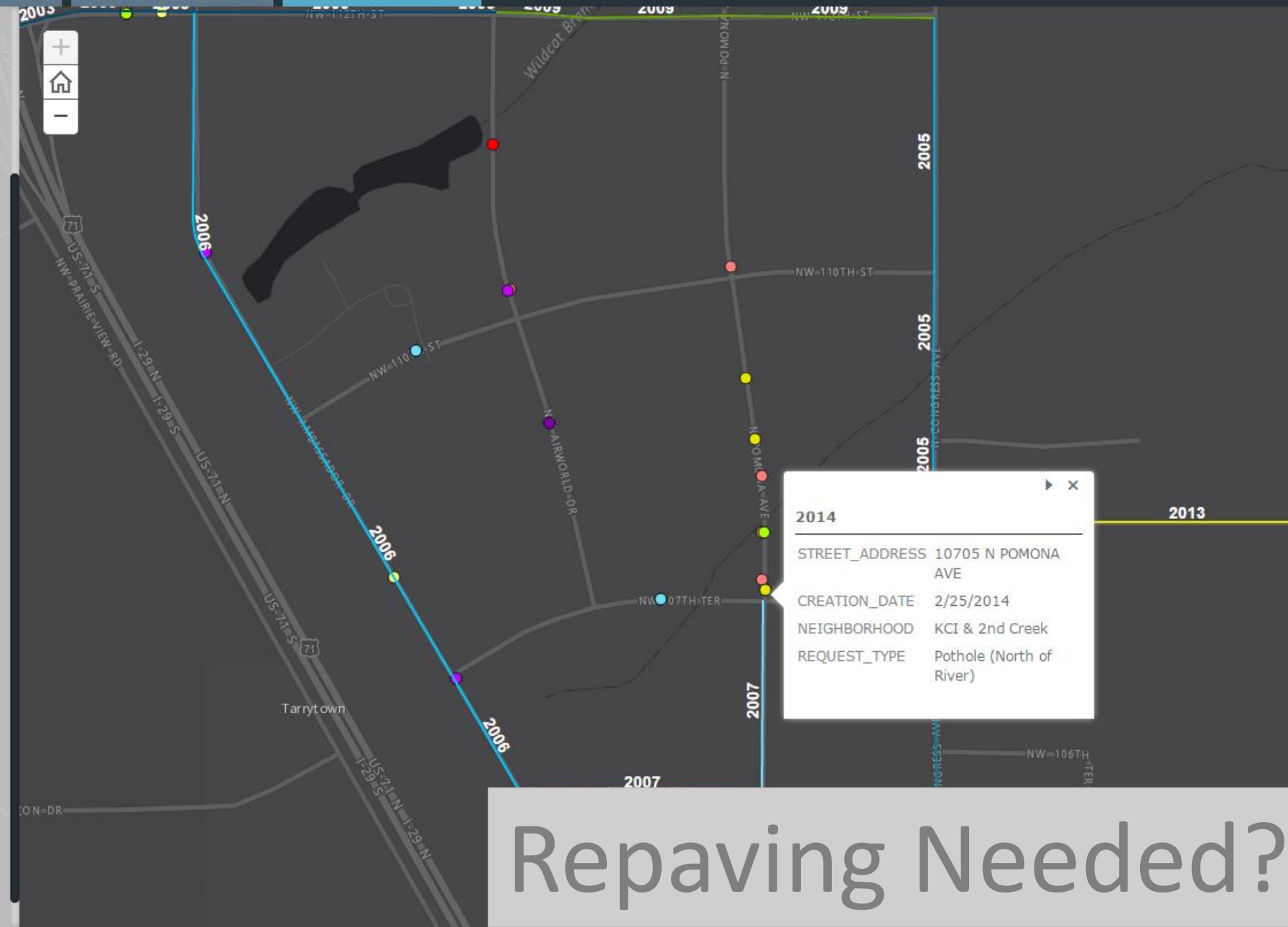
- CitSat, Resurfacing, Pothole Map
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- North Pomona Avenue

Resurfacing History_2003_to_current

- 2014
- 2013
- GreenZone2013
- 2012
- GreenZone2012
- SpecialProject2012
- 2011
- 2010
- 2009
- 2008
- 2007
- 2006
- 2005
- 2004
- 2003

311_Pothole_History

- 2015
- 2014
- 2013
- 2012
- 2011
- 2010
- 2009
- 2008
- 2007



2014	
STREET_ADDRESS	10705 N POMONA AVE
CREATION_DATE	2/25/2014
NEIGHBORHOOD	KCI & 2nd Creek
REQUEST_TYPE	Pothole (North of River)

Repaving Needed?



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Next Steps

1. More automated data uploads
2. Capital Projects in Open Budget
3. Open Expenditures App
4. Begin to measure performance

