

Open Data Platform

Setting the Stage for Data Driven Decision Making

City Council Agenda – 11/20/2017

Presented by the Office of Management and Budget

Candace Cannistraro: Management and Budget Director

Mesa's Current Open Data Platform

- ▶ “What Works Cities” partnership initiated the development of Mesa’s data governance policy and open data portal
- ▶ Establishment of Open Data Leadership Board and formation of open data technical team
- ▶ Current platform has been in place since March 2016. Contract ends March 2018

Mesa's Current Open Data Portal



Search for Open Data

OPEN. DISCOVER. MESA. DATA.

Open Data

Tax Revenue Data Now Available

City Strategic Priorities & Goals

Mesa's Open Data program is focused on providing the data behind the key indicators and trends related to our City's strategic goals.

Community Safety

Workforce
Development

Sustainable Economy

Trans
Neigh

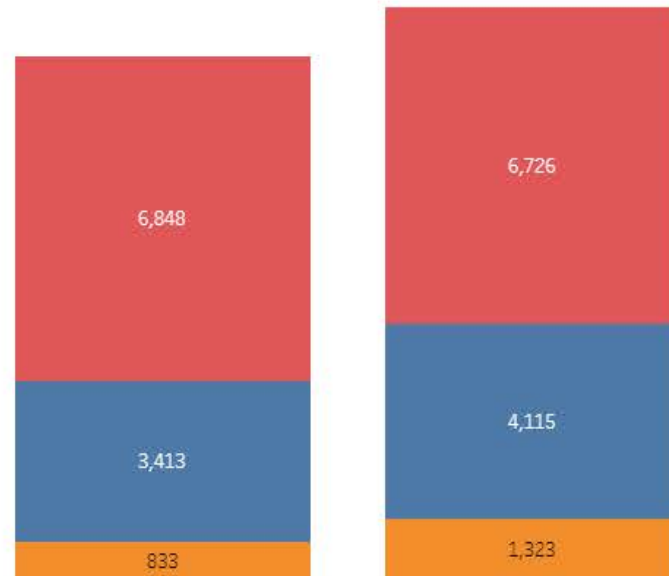

[Community Safety](#)
[Transform Neighborhoods](#)
[Workforce Development](#)
[Sustainable Economy](#)
[Placemaking](#)

Transform Neighborhoods

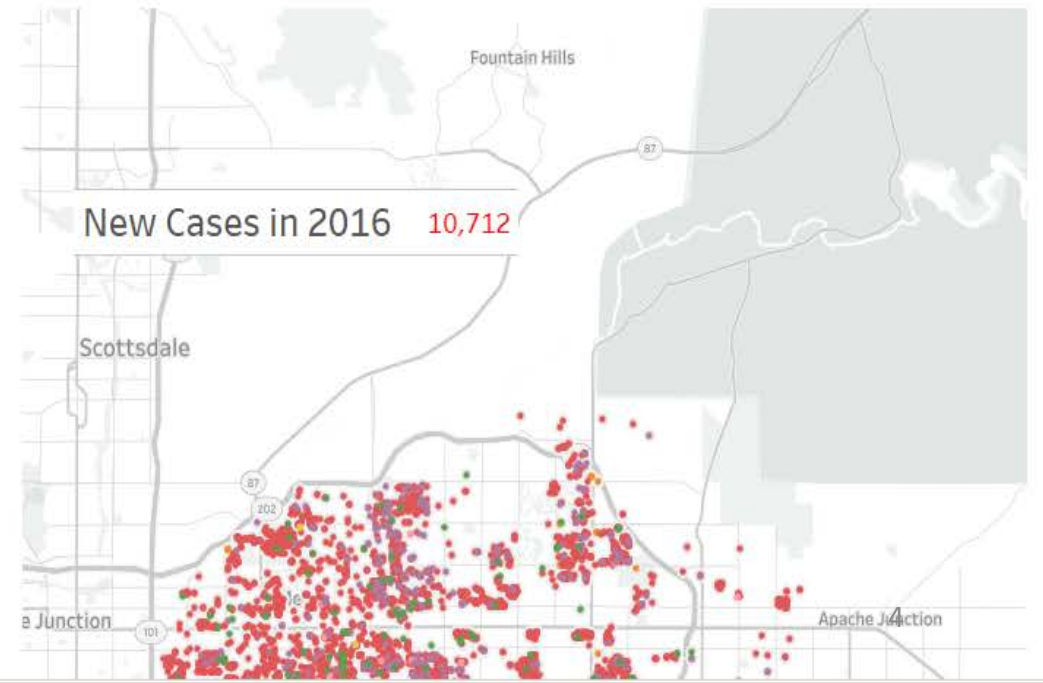
Mesa's neighborhoods are clean, safe, and economically vibrant places where residents and businesses are engaged, informed, and take pride in their property and community



Code Complaints Closed within **15 days**, **16-30 days** or **30+ days** (Source: Tidemark)



Incidents of Code Violation Complaints in 2016 (Source: Tidemark)



Mesa's
Current
Council
Priority

Financials - All Dataviews

All financials related datasets. Click on title of a dataview to expand into full dataset. | [More information](#)



For visualizations associated with these dataviews click [here](#).

Tax Revenues (TPT and TLT - also known as Sales and Bed Tax)

Tax Revenue (TPT Only) – Citywide by Consumer Activity Period

Month	2016	2015	2014	2013
1	\$11,628,542.33	\$11,317,012.87	\$11,057,104.67	\$10,764,003.70
2	\$12,454,432.76	\$11,818,706.94	\$11,185,318.40	\$10,983,783.40
3	\$13,801,862.52	\$13,587,485.80	\$12,478,391.27	\$12,156,129.45
4	\$12,193,416.92	\$11,907,810.73	\$11,485,517.79	\$11,232,636.36
5	\$12,955,877.57	\$11,766,774.58	\$11,467,141.69	\$11,061,511.28
6	\$12,726,599.75	\$12,000,474.65	\$11,409,203.18	\$10,815,301.39
7	\$12,493,649.45	\$11,728,353.73	\$11,389,964.47	\$11,075,468.64



Tax Revenue (TLT Only) – Citywide by Consumer Activity Period

Month	2016	2015	2014	2013	2012
1	\$382,153.54	\$394,745.73	\$284,658.63	\$277,068.74	\$267,098.
2	\$512,511.60	\$470,856.74	\$397,201.32	\$380,756.72	\$373,730.
3	\$688,344.08	\$626,454.24	\$549,139.35	\$526,344.07	\$505,737.
4	\$358,538.37	\$280,402.97	\$285,747.72	\$261,153.26	\$246,576.
5	\$267,429.02	\$228,959.33	\$222,885.14	\$213,561.67	\$208,485.
6	\$220,222.80	\$179,119.45	\$158,912.69	\$173,859.09	\$149,923.
7	\$193,464.58	\$159,234.43	\$149,065.87	\$141,746.60	\$130,498.



Tax Revenue (TPT Only) – Citywide by Posting Period

Month	2016	2015	2014	2013
1	\$14,103,255.74	\$13,363,006.32	\$13,698,907.28	\$12,524,819.18
2	\$11,751,193.15	\$11,258,040.03	\$10,918,996.35	\$10,357,840.14
3	\$12,638,048.27	\$12,201,730.43	\$11,398,458.23	\$11,323,965.99
4	\$13,362,176.12	\$13,709,965.22	\$12,473,615.47	\$12,369,705.41
5	\$12,631,809.05	\$11,655,673.28	\$11,403,752.04	\$11,170,208.31
6	\$12,974,363.80	\$12,028,108.21	\$11,567,875.90	\$10,928,221.06
7	\$12,522,775.04	\$12,009,859.36	\$11,371,285.63	\$11,083,555.13



Mesa's
Current
Dataset
View

Open Data Enhancement

Creation of a portal that encourages citizen interaction and provides easy access to and maintenance of City data

Selection process for a new tool is currently underway to enhance the City's open data portal

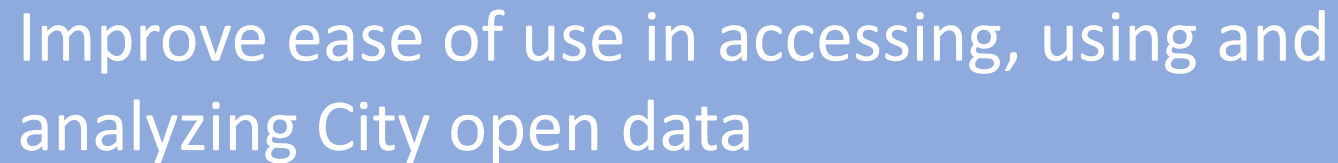
Further establishment of protocols and policies for the identification and use of City data, both internally and externally

Establishment of a Data Program Manager

As discussed in the Budget Wrap-up last Spring

Key Desired Outcomes of Project

Cross departmental team identified goals of open data program, evaluated current software platform and determined need for a more robust system



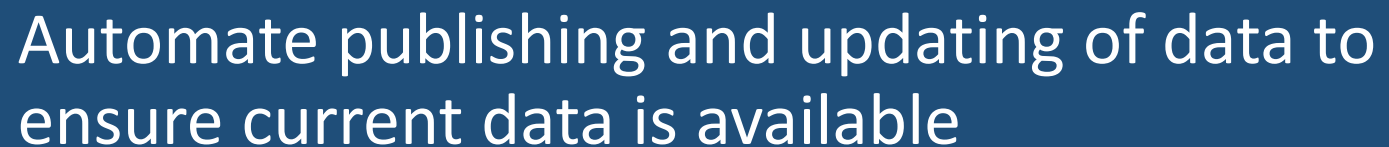
Improve ease of use in accessing, using and analyzing City open data



Continue to foster civic engagement, collaboration and public trust



Enhance data-driven decision making



Automate publishing and updating of data to ensure current data is available

Proposed Platform: Socrata Hosted System

The recommended contract includes a support/implementation plan and four system modules

Blueprint
(Support/Education)

Publica Open Data Cloud

Perspectives
(On-line story telling)

Open Expenditures
(Checkbook style
transactional data)

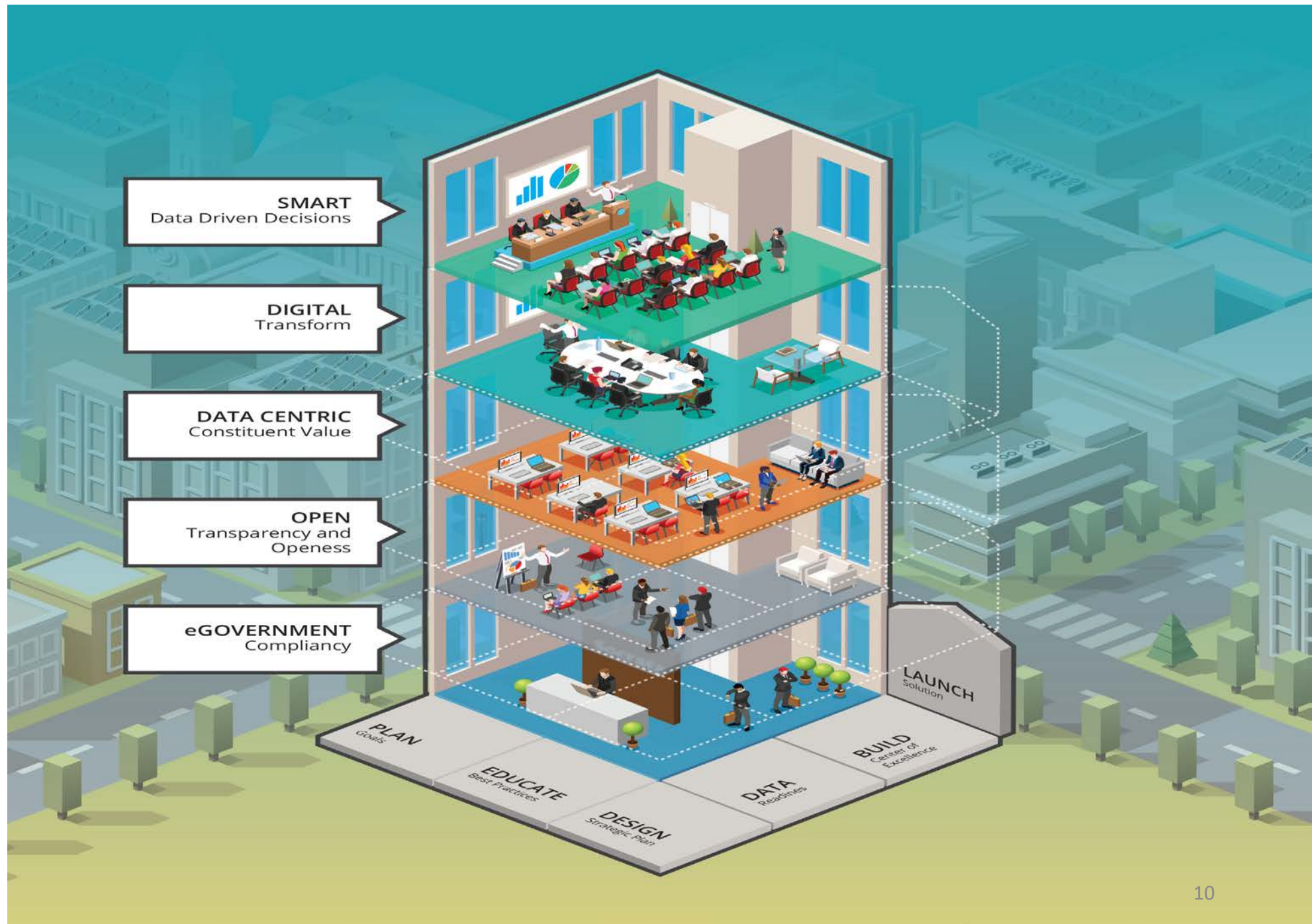
Open Budget
(Comparison of budget to
actuals)

Blueprint

- Assists the City to create a sustainable data program
- Includes: Consulting, Education and Support
 - Open Data Cloud: City data sets are hosted on a cloud-based platform
 - Users can create charts, maps, dashboards, etc

Publica Open Data Cloud

Socrata Blueprint Maturity Model



Publica Open Data Cloud Example



Our Vision

The City's data belongs to our citizens and the public. The City of Cincinnati will provide access to government data to improve services, increase accountability and stimulate economic activity.

Our Mission

To provide access to government data, encourage the development of creative tools to engage, serve and improve our neighborhoods and the quality of life of our residents.

Our Priority Goals

Please click here to view Cincinnati's Priority Goals.

Publica Open Data Cloud Example



Mission

The mission of the Police Department is to keep you, your family and our community safe. [Learn more in a message from the director.](#)

Key Indicators

Part II Crime Rate Per 1,000
Population



Percent of Part I Crimes
Cleared



Resident Satisfaction with the
Quality of Police Services



Perspectives Example

Creation and publication of on-line stories around the data

Allows for text narration of visualizations and the imbedding of third-party content

Homelessness In Auburn: Addressing a Regional Issue

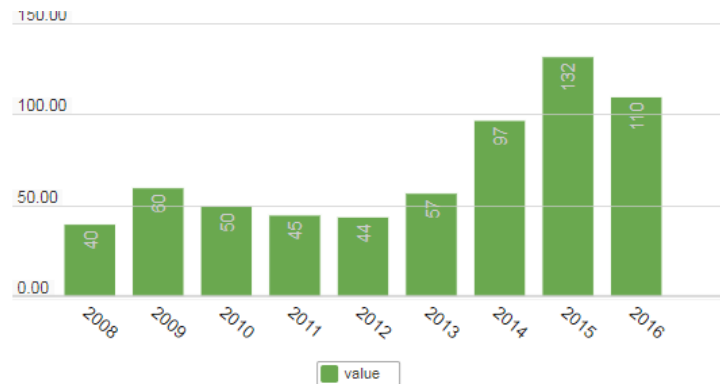
Task Force on Homelessness

In November 2015, Mayor Nancy Backus convened a citizen task force to address homelessness in Auburn. This task force is comprised of community leaders, service providers, citizens, faith community, police and fire, school district, Muckleshoot Indian Tribe, business owners and key city staff. This page will provide relevant updates to the committee's progress, discussions and information. We hope that we will hear from a wide range of residents as well and will be offering opportunities to be a part of this important conversation. [Learn more about the Task Force.](#)

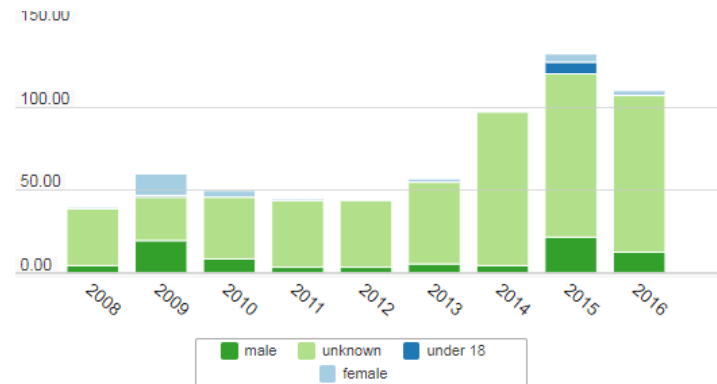
A Complex Challenge

What we are seeing in Auburn is not unique. Across King County, Washington state, and nationally, we are seeing the sub-urbanization of poverty, as the poor are priced out of housing in urban centers. In Washington, decades of under-investment in mental health care, developmental disabilities services, and substance abuse treatment are translating into increasing homelessness. In King County, those systemic failures combined with an alarming increase in the cost of housing have further complicated an already complex challenge .

Homelessness In Auburn: Addressing a Regional Issue



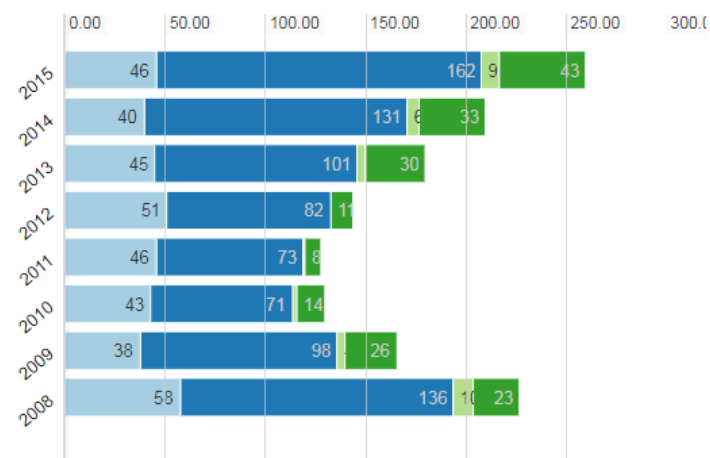
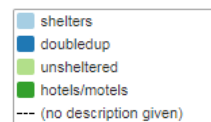
[View Source Data](#)



[View Source Data](#)

Homeless Children & Youth

Each year data is collected on homeless children and youth enrolled and served by districts in Washington State. This is the children and youth served by Auburn School District.



[View Source Data](#)



Open Expenditures Example

Total Transactions

11,998

Click on the link below to explore transaction-level detail of the spending of the County. Information can be viewed either in a graphical spending summary or in a detailed checkbook view. The transactions are through October 11, 2017.

[Explore All Spending](#)



Top Fund

\$31.22 Million

GENERAL FUND

Top 5

1. GENERAL FUND
2. ROAD and BRIDGE
3. JUSTICE CTR SALES and USE TAX
4. ROAD SALES and USE TAX
5. CAPITAL EXPENDITURES

[Show Chart](#)

Top Vendor Name

\$6.69 Million

W.E. O'NEIL CONSTRUCTION

Top 5

1. W.E. O'NEIL CONSTRUCTION
2. DISTRICT ATTORNEY
3. CITY OF LONE TREE
4. DEVELOPMENTAL PATHWAYS INC
5. R.E. MONKS CONSTRUCTION

[Show Chart](#)

Top Expense Category

\$31.74 Million

PURCHASED SERVICES

Top 5

1. PURCHASED SERVICES
2. CAPITAL OUTLAY
3. MAJOR MAINTENANCE & REPAIRS
4. INTERGOVERNMENTAL SUPPORT
5. DEBT SERVICE

[Show Chart](#)

Open Expenditures

● Ledger
\$108.80 million - 100.00% of all

\$108.80 Million Ledger 2017 ▾

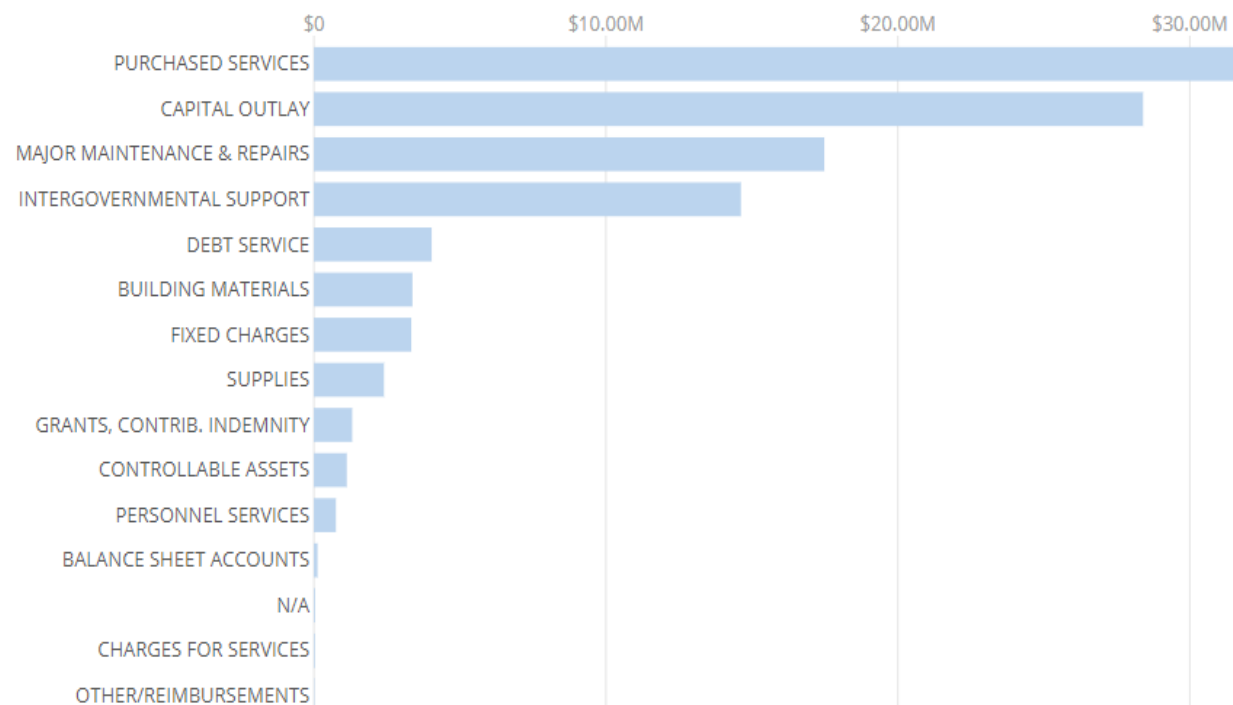
Spending Summary Checkbook

● Ledger broken down by Expense Category ▾

Share

← Back

Total



Snapshot

Pie Chart

Over Time

Show As

\$

%

Sort

Total (Descend... ▾)

Open
Expenditures
Spending Summary

[Open Expenditures](#)







million - 100.00% of

Category
PURCHASED SERVICES
million - 29.17% of all**\$31.74 Million** PURCHASED SERVICES 2017 ▾[Spending Summary](#) [Checkbook](#)

PURCHASED SERVICES

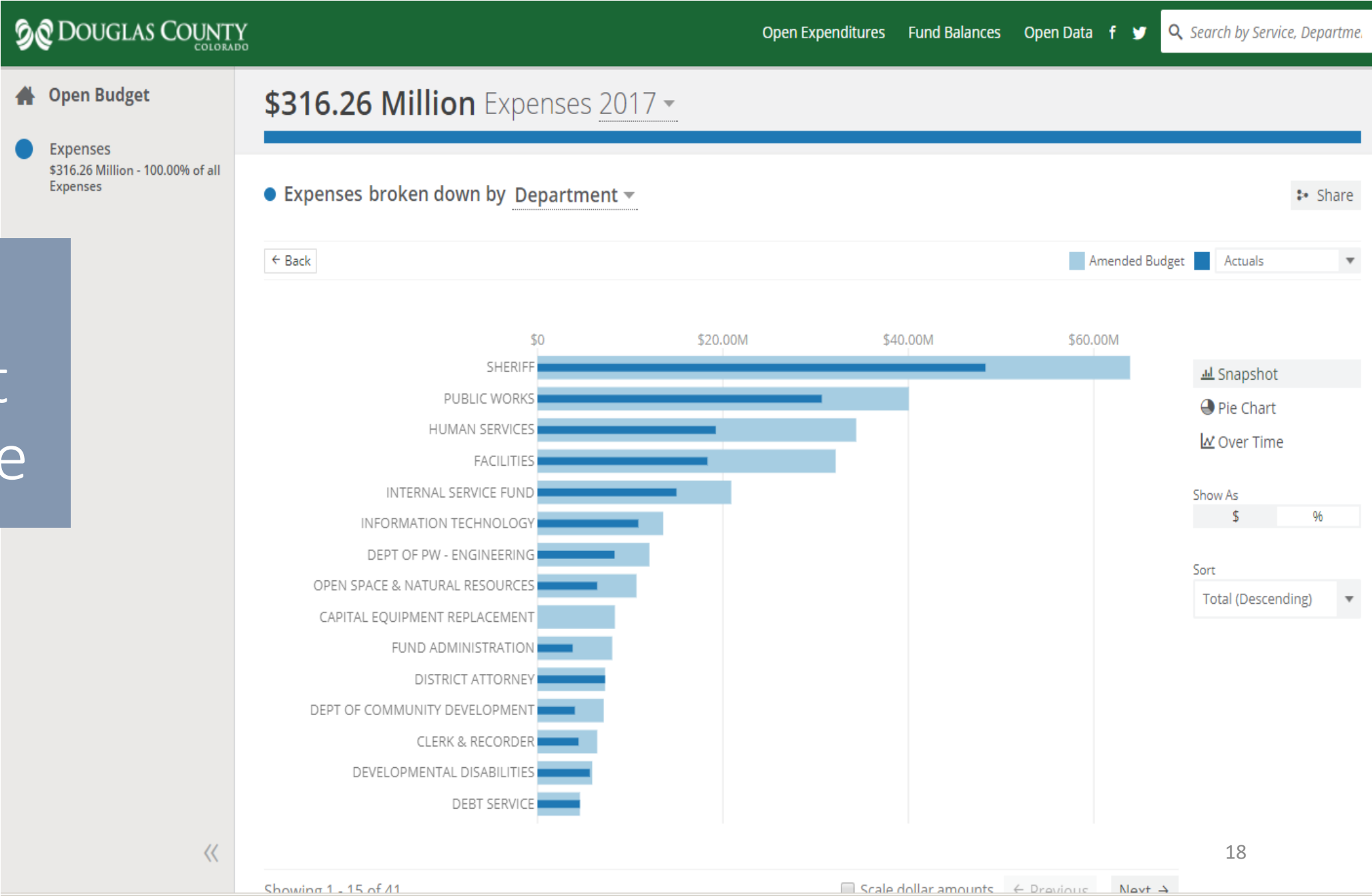
Checkbook

Total
\$31,739,041.66Transactions
6,315[Download](#)[← Back](#)

	Vendor ▾	Expense Category ▾	Description ▾	Invoice Number ▾	Invoice Date ▾	Payment Number ▾	Payment Date ▾	Void Date ▾	Amount ▾
	VACURA, CRAIG	PURCHASED SERVICES	Change in gross amount	11017	Jan 10, 2017	456291	N/A	Jan 24, 2017	\$-102.65
	US BANK	PURCHASED SERVICES	Change in gross amount	103690174364/112016/2	Nov 30, 2016	456012	N/A	Jan 3, 2017	\$-35.43
	US BANK	PURCHASED SERVICES	Change in gross amount	103690174364/112016/2	Nov 30, 2016	456012	N/A	Jan 3, 2017	\$-1,033.40
	US BANK	PURCHASED SERVICES	Change in gross amount	103690174364/112016/2	Nov 30, 2016	456012	N/A	Jan 3, 2017	\$-4.26
	US BANK	PURCHASED SERVICES	Change in gross amount	103690174364/112016	Nov 30, 2016	456012	N/A	Jan 3, 2017	\$-2,719.68
	JUVENILE	PURCHASED SERVICES	Change in gross	SF0276	Nov 30, 2016	456948	N/A	Mar 27, 2017	\$-5,400.00

Open
Expenditures
Checkbook View

Open Budget Example



Goals for March/April Go-live

Conversion and placement of current data sets on Socrata platform

Story created for one Council Priority as an example

Financial Transparency
Live with Open Expenditures
and Open Budget

Thank you

