

# Fiscal Year 2016 Open Data Report

July 2015 - June 2016

***[data.chattanooga.gov](http://data.chattanooga.gov)***



# **ANNUAL REPORT ON STATUS OF OPEN DATA EFFORTS IN CHATTANOOGA - FY 2016**





# 2016 STATE OF OPEN DATA IN CHATTANOOGA

## Executive Summary

On May 31st, 2014, Mayor Andy Berke issued Executive Order 2014-04 to codify the City commitment to open data. The order requires each City agency to make reasonable efforts to provide all appropriate data under each agency's control and make continual effort to publish the datasets on the open data portal.

Executive Order 2014-04 establishes an Open Data Advisory Group comprised of Open Data Coordinators from each City department and requires an annual report of the city's open data efforts. This is the City's **fiscal year** (July through June) based annual review of its open data efforts.

Continuing into the second year of this effort, the City of Chattanooga has a robust open data initiative. This report will outline some of the initiatives' accomplishments and what the City's open data initiatives will look like in the coming year.

View the City's data at [data.chattanooga.gov](http://data.chattanooga.gov).





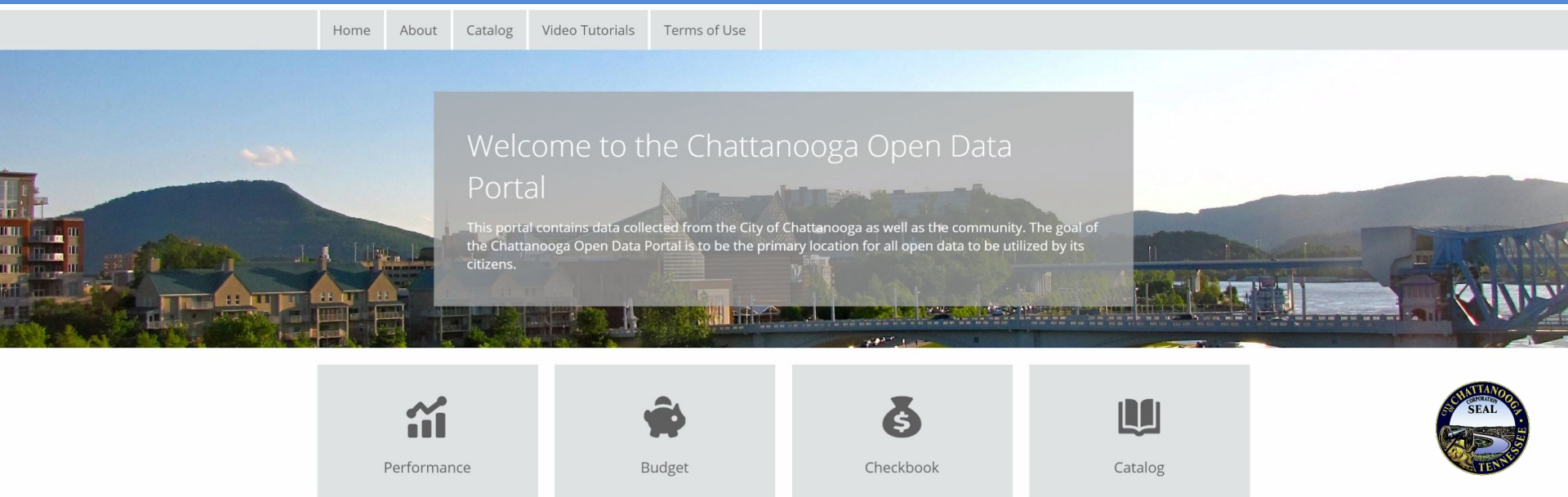
# Where Are We Now?

The State of the City of Chattanooga's  
Open Data Initiative

# 2016 STATE OF OPEN DATA IN CHATTANOOGA

## I. Robust Open Data Initiative

The City of Chattanooga has a robust open data initiative consisting of the Director of the Office of Performance Management & Open Data, Open Data Advisory Group, Open Data Coordinators in each department, Open Data Specialist at the library, IT Applications Team support, and Socrata, the vendor for our open data platform. All parties work together to ensure timely, accurate, and complete data can be found on the open data portal.



# 2016 STATE OF OPEN DATA IN CHATTANOOGA

## II. Community Partnerships

We are engaging and working with our community partners to strengthen the visibility of important regional data. The Open Data Portal is currently connected to a geospatial warehouse managed by UTC. The portal is also leveraged by the local Code for America brigade to develop civic-focused applications.

The City's Open Data Portal also provides a place where other community groups and organizations can share their data with the broader community. This dramatically reduces the cost of providing valuable community data to decisions makers, city departments and the citizens of Chattanooga.

If you are interested in including your organization's data on the Open Data Portal, please reach out to the Director of the Office of Performance Management & Open Data at [tmoreland@chattanooga.gov](mailto:tmoreland@chattanooga.gov) or 423-643-7827.



# 2016 STATE OF OPEN DATA IN CHATTANOOGA

## III. Growing Number of Open Datasets

Over the last year, the City has grown the number of datasets available on the [Open Data Portal](#) through community partnerships and the opening up of city data. As part of the effort to make the datasets more accessible, the City partners with its open data platform vendor, Socrata, to develop financial transparency applications. These applications, such as the recently released [Open Budget App](#), will allow citizens to easily see the utilization of City funds.

For a full listing of the data currently on the Open Data Portal, click [here](#). This dataset is updated everyday.

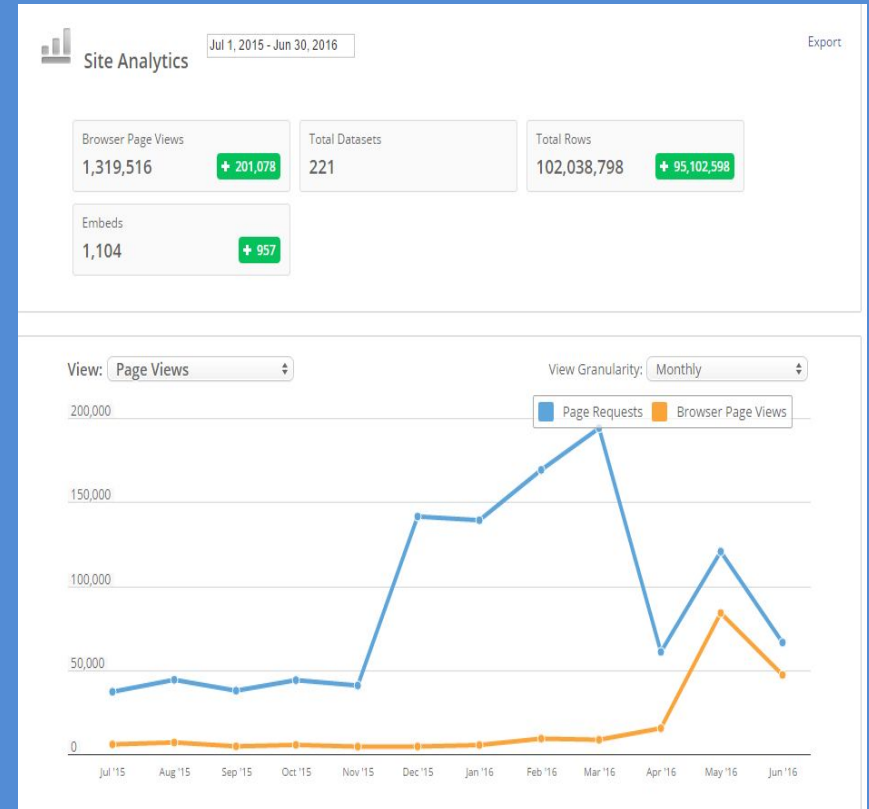
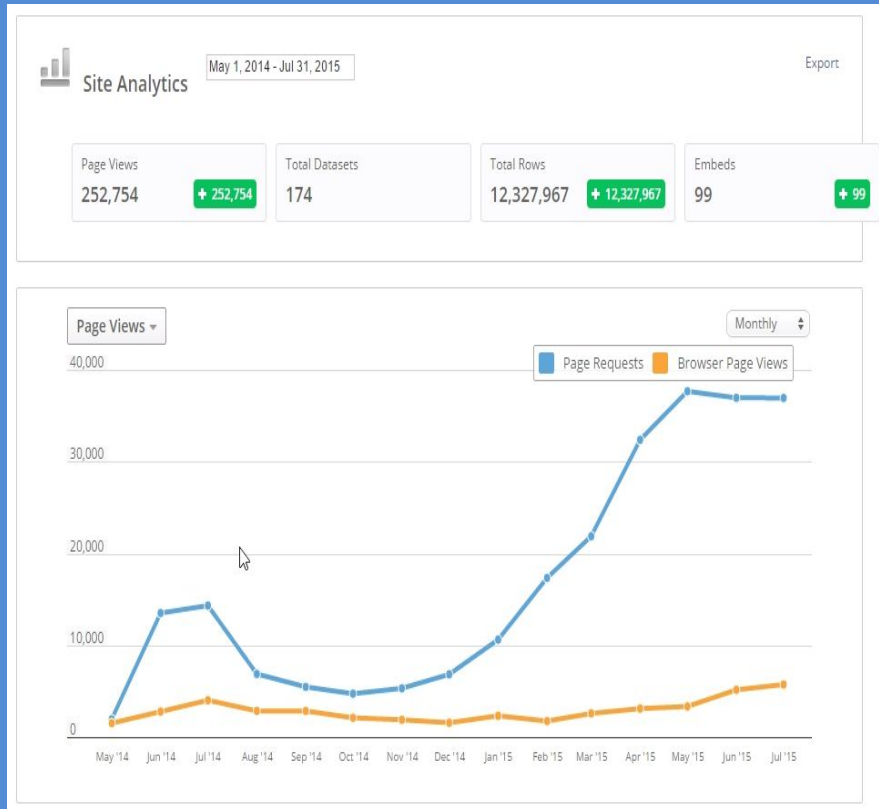




# 2016 STATE OF OPEN DATA IN CHATTANOOGA

## IV. An Engaged Public

Since its launch, the Open Data Portal has been accessed many times over the last year - with well over 1,300,000 page views in its second year.





# 2016 STATE OF OPEN DATA IN CHATTANOOGA

## IV. An Engaged Public

### TOP 5 DATASETS 2015

- Crime Data  
*1,559 views*
- Bike Chattanooga 2013 Trip Data  
*1,303 views*
- Map of Citations 2014-2015  
*1,170 views*
- Traffic Citations by Location 2012-2014  
*1,162 views*
- Property Tax Data 5 Year  
*901 views*

### TOP 5 DATASETS 2016

- Hamilton County E911 Active Calls  
*4,639 views*
- 311 Service Requests  
*4,073 views*
- Traffic Citations by Location 2012-2014  
*3,380 views*
- Crime Data  
*3,341 views*
- Bike Chattanooga Trip Data  
*2,996 views*

For more information go to [data.chattlibrary.org/analytics](http://data.chattlibrary.org/analytics)



# 2016 STATE OF OPEN DATA IN CHATTANOOGA

## IV. An Engaged Public

### TOP 5 DOWNLOADS 2015

- North Chickamauga Creek Watershed  
*206 downloads*
- ADM Treatment Site  
*214 downloads*
- Level III Ecoregions  
*201 downloads*
- Streams  
*178 downloads*
- Aquifers  
*174 downloads*

### TOP 5 DOWNLOADS 2016

- Service Requests  
*575 downloads*
- City of Chattanooga 2015 Open Data Report  
*316 downloads*
- Chattanooga: Operating Budget  
*256 downloads*
- Chattanooga: BFO Data  
*194 downloads*
- 311 Service Requests  
*190 downloads*

For more information go to [data.chattlibrary.org/analytics](http://data.chattlibrary.org/analytics)



# 2016 STATE OF OPEN DATA IN CHATTANOOGA

## IV. An Engaged Public

### TOP 5 DATASET REFERRERS

- <http://www.chattanooga.gov>  
*5,945 referrals*
- <https://www.google.com>  
*4,014 referrals*
- <http://rebelmouse.com>  
*2,103 referrals*
- <http://www.google.com>  
*57 referrals*
- <http://www.chattanoogan.com>  
*506 referrals*

### TOP 5 SEARCH TERMS

- 311  
*155 Searches*
- Crime  
*80 Searches*
- Fire  
*76 Searches*
- Permits  
*61 Searches*
- 911  
*58 Searches*

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# 2016 STATE OF OPEN DATA IN CHATTANOOGA

## IV. An Engaged Public

The city's open data program has experienced a lot of growth during the last fiscal year. Below can see a side by side comparison of how the public engaged with the portal in 2015, compared to 2016.

	2015	2016
Website Embeds	99	1,106
Rows of Data Created	6,996,997	214,955,962
Page Views	33,430	201,060
Datasets	153	202

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# 2016 STATE OF OPEN DATA IN CHATTANOOGA

## V. Data Leveraged for Apps

The City's Open Data Portal has helped spur a vibrant software development and data science community in Chattanooga.

The portal has enabled Chattanooga hosted Hackathons. These events are similar to 48 Hour Launch events for software. Hackathons have lead to developers creating a wealth of applications for Chattanooga's residents and businesses that will improve day-to-day life and inform the public.

These applications range from browsing 311 requests and finding bicycle parking with your smartphone to informing residents about how to easily find and contact their police precinct.

Currently the city hosts [civic hack nights at City Hall](#) once every two weeks where individuals of all interests, backgrounds and abilities are encouraged to use city data to make the city a better place for everyone.



# 2016 STATE OF OPEN DATA IN CHATTANOOGA

## VI. Sustainability

The data on the Open Data Portal is made valuable if it is accurate, updated in a timely manner, and easy to understand. These factors contribute to the currency of the data. Through its Open Data Advisory Group and Open Data Workflow, the City is hard at work ensuring that data is updated to the portal in a timely manner as well as reviewing the data for ease of use and accuracy.

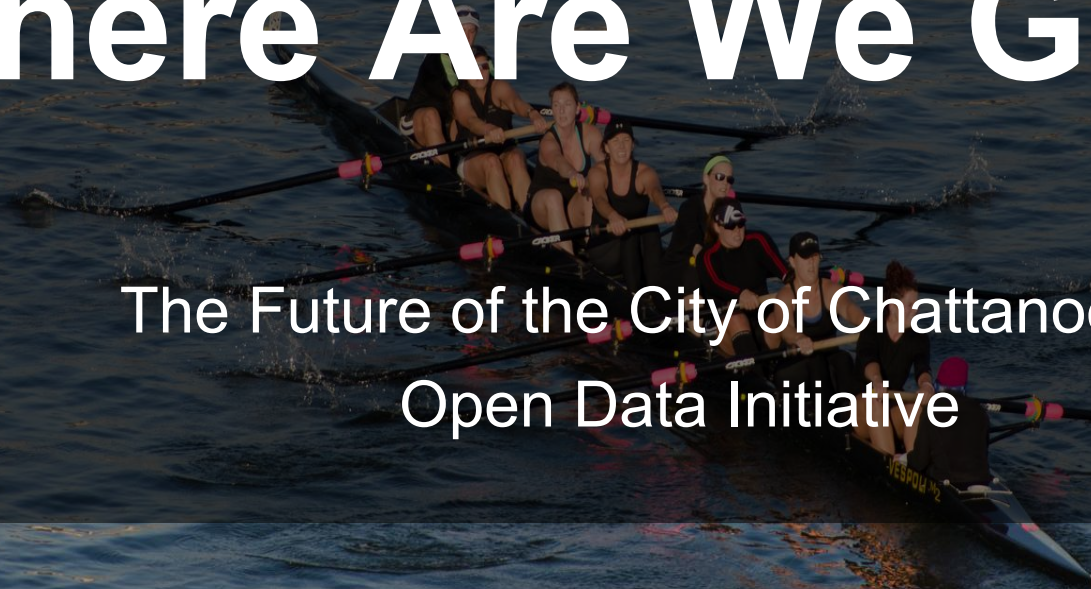
To ensure the data is up to date, the City is working to automate data uploads to the portal nightly for key datasets such as 311, police and fire incidents, and code violations. Automation ensures that data is updated at regular intervals and will minimize staff resources needed to maintain the portal.





# Where Are We Going?

The Future of the City of Chattanooga's  
Open Data Initiative



# 2016 FUTURE OF OPEN DATA IN CHATTANOOGA

## I. Update Governance

In order to ensure the City's open data initiative continues to operate in an efficient manner, the following governance updates will occur this coming fiscal year:

- Fill the community member seat on the City's Open Data Advisory Group.
- Develop standards for metadata (key information about each dataset).
- Develop website for the open data program to provide information on how the program is run and operated.

# 2016 FUTURE OF OPEN DATA IN CHATTANOOGA

## II. Updated City Data Inventory

The City is working to bring even more relevant datasets to the Open Data Portal. Towards that end, the City is publishing its data assets on the open data portal which can viewed [here](#).

If after checking the [catalog](#) on the portal for a specific dataset citizens can [request a dataset](#) they would like to see published on the open data portal. There they can view other requests, see the status of their request, and support other citizen requests. The City is working to identify more direct ways of finding out the information citizens would like to see on the portal.





# 2016 FUTURE OF OPEN DATA IN CHATTANOOGA


## III. Enhanced Community Engagement

The City is working to engage the public with the open data program through targeted stakeholder outreach. Towards this end the City is working with its vendor to make changes on the open data portal that will make it easier to engage with users on the site.

To further engage with interested citizens the City has created a website to serve as the digital home for the open data program. On this site there will be updates about the open data program, information about how the program operates and the ability to sign up to receive program updates. The website can be access at the link below.

<http://connect.chattanooga.gov/opendata/>





The City of Chattanooga's Open Data Portal provides easy access to 202 City and community datasets with plans of ongoing growth.

Check it out at [data.chattanooga.gov](http://data.chattanooga.gov)



# 2016 FUTURE OF OPEN DATA IN CHATTANOOGA

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pg 19 Arne Heggstad - *Chattanooga Walk: 7* (CC BY-SA 2.0)

