

2015 Annual Open Data Compliance Report

City of Minneapolis

Background

The IT Department was given a staff direction in December 2013 to:

Direct all city departments to make data available online using open standards; further direct that the Information Technology Director convene a working group to include the City Coordinator and key department staff, with feedback from the Information Technology Executive Group, to develop a policy and implementation schedule for the “Open Data Directive,” and report on progress to the Ways & Means Committee and Information Technology Policy Committee starting in March 2014 and at regular intervals thereafter.

An Open Data Policy was approved by Council in July 2014. Key points included:

- **Departments will strive to place their datasets on a public facing Open Data Portal**
- All appropriate IT procurements awarded after January 1, 2015 shall have **contract provisions ensuring information systems implement open data initiatives** when operational
- **Each Department will identify an Open Data Coordinator(s)** *who may:* (1) coordinate activities within their respective departments to achieve these open data policy goals; (2) serve on the Open Data Advisory Group; and (3) assist the IT Department in the preparation of the annual Open Data Compliance Report
- The City of Minneapolis CIO or designee will be responsible for sharing City data with the public, facilitating the sharing of information between City departments, and analyzing how data sets can be used to improve city decision-making, and lead the open data initiatives outlined in this policy
- The City of Minneapolis Chief Information Officer (CIO), or the CIO’s designee, will be responsible for the management and implementation of this policy, including development and management of procedures and operational strategies necessary to accomplish these policy objectives, and shall submit an **Open Data Compliance Report due June 30 annually**
- **Data means statistical or factual information** 1) Contained in structured data sets; and 2) Regularly created or maintained by or on behalf of and owned by a department which supports or contributes to the delivery of its services, programs, and functions.
- **Does not include** image files, emails, or other **non-structured information**
- Nothing in this policy shall be deemed to prohibit a department from voluntarily sharing information not otherwise covered under this policy

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The Open Data Portal was launched in December 2014:

The screenshot shows the 'opendataminneapolis' website. At the top, there is a blue header with the site name and search/share buttons. Below the header, a 'Welcome to Open Data Minneapolis' section contains a brief introduction. The main content area is divided into four categories, each with a representative image and a link to 'more' data: 'All Layers' (city skyline), 'Environment' (park with water), 'Administrative Boundaries' (map of city wards), and 'City Assets' (bicycle on a greenway). On the right side, a 'Recent Data' sidebar lists several datasets with their descriptions and dates, including 'Public Works Street Pavement Mgmt', 'Public Works Special Assessments', 'Air Quality Survey', 'Fire Districts', and 'Hydrants'.

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Progress to Date

Overall, 7 of 12 City departments have data on the Open Data Portal. The 311 area of the City Coordinator's Department, along with the Fire and Police departments, have the majority of their data on the portal. Other areas of the City Coordinator's Department, CPED, Health, Public Works and Regulatory Services have some of their data on the portal. The City Clerk and Public Works have data being prepared for the portal. (See list below.)

Current List of Datasets on the Open Data Portal

(as of June 2015)

City Coordinator

311 Incidents 2012
311 Incidents 2013
311 Incidents 2014
NCR Funding
NCR Organization Contact
Technology Outreach Survey

CPED

Off-Sale Liquor Licenses
On-Sale Liquor Licenses

Fire

Fires Reported 2012
Fires Reported 2013
Fires Reported 2014
Fires Reported 2015
Fires Confirmed 2012
Fires Confirmed 2013
Fires Confirmed 2014
Fires Confirmed 2015

Health

Health Air Quality

MPD

Police Incidents 2010
Police Incidents 2011
Police Incidents 2012
Police Incidents 2013
Police Incidents 2014
Police Incidents 2015

Public Works

Hydrants
Pavement Condition
Pedestrian and Bicycle Trails
Special Assessments
Street Centerline

Regulatory Services

Rental Licenses

Sustainability

Public Building Energy Usage
Solar Suitable Properties

General Spatial Layers

2 Foot Elevation Contours
Activity Centers
Building Inspection Districts
City Boundary
City Council Wards
City Council Wards with Demographics
Commercial Corridors
Communities
Community Corridors
Election Precincts

Fire Station Areas

Fire Stations
Future Land Use
Growth Centers
Heritage Preservation Commission Districts
Heritage Preservation Commission
Landmarks
Industrial Employment Districts
Major Retail Centers
Neighborhood Commercial Nodes
Neighborhoods
Parks
Planning Sectors
Police Precincts
Police Stations
Primary Zoning Areas
Small Area Plans
Transit Stations
Tree Inventory
Water

Proposed Datasets

Public Works

Snow Emergency Tows
Bicycle Trail Updates

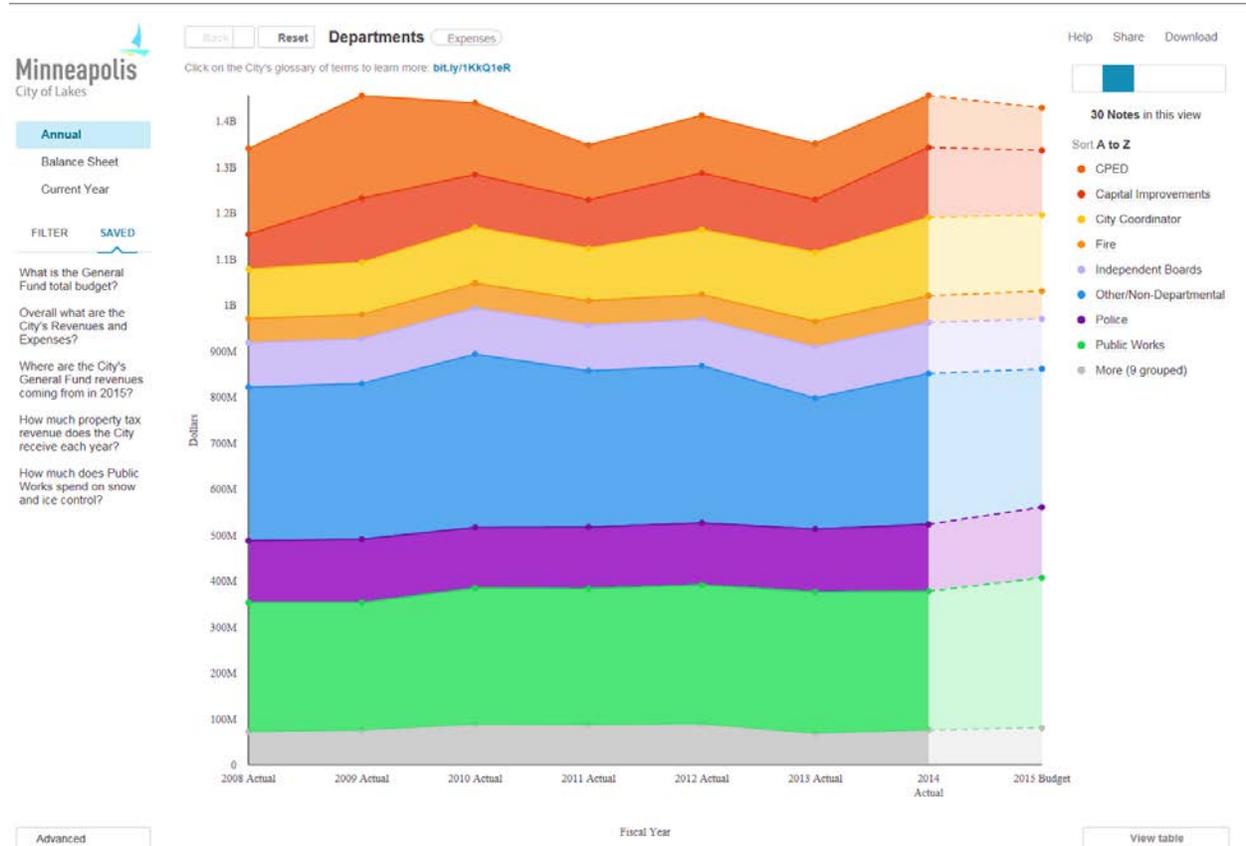
Clerk's Office

Historical Election Data

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Finance has placed the City's budget information in an interactive web application that allows downloading of financial data:



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Several departments have placed their data in a mapping context on the *MapIT Minneapolis* site:



HOME GALLERY MAP SCENE GROUPS Sign In

MapIT Minneapolis

Application Off Sale Liquor Establishments

Application Dangerous Dogs Map

Application Minneapolis Downtown Map

Application Vacant & Condemned Properties

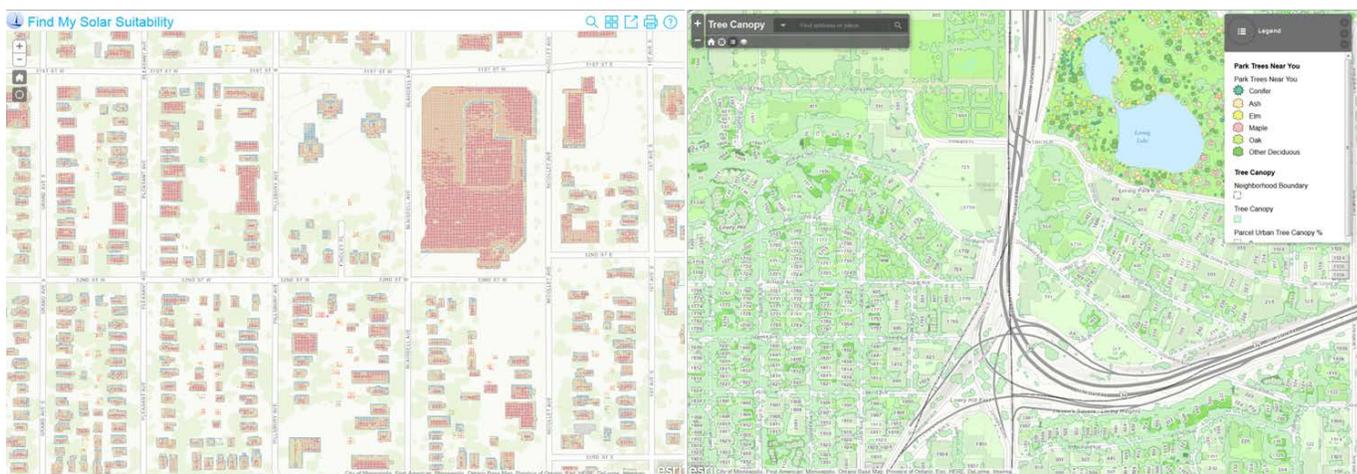
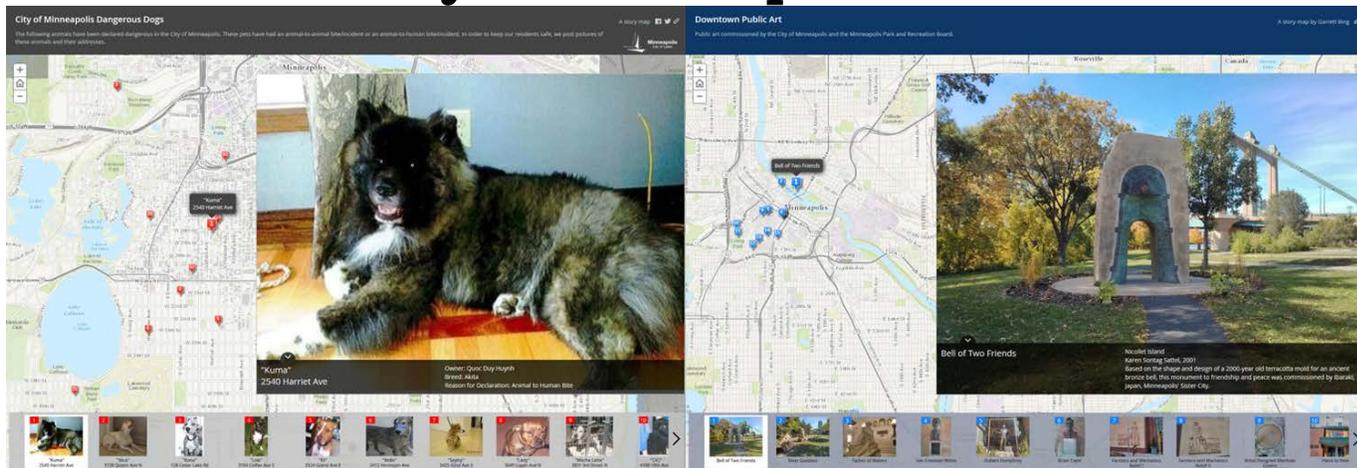
Welcome to MapIT Minneapolis!
The City's enterprise mapping platform

This is your gateway to intelligent maps, focused applications and other "geoinformation" for Minneapolis. Answering the "where" question for any project, initiative or important decision is now easy for everyone!

You can use this portal to access maps, information, analytical tools, and even make your own maps. MapIT Minneapolis includes City maps and data along with map data from other sources to help you use the power of maps to make informed decisions.

 Ask A Question  Create A Map  Map Data in Excel

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Observed Use of Open Data

Of the over 400,000 Open Data Portal site visits to date, 5,406 datasets were opened online and 1,267 datasets were downloaded. The IT Department has not seen any smartphone apps that state they use City open data.

The National League of Cities used the Minneapolis Bodies of Water coordinates and a research paper appeared to use our age of city streets data. MinnPost stated using the city's open data in one article.

The IT Department also found an IT vendor, CartoDB, used the City's Tree Canopy data to showcase their product.

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Lessons Learned

The IT Department has learned a few things in the first seven months of Open Data Portal operation:

- Open Data Portal not the best but usable
- More data needs to be out there
- Data needs to be real time to be used in apps
- Aggregated data would be useful
- We are asked for a data dictionary on all data elements
- Our experiences to date match other cities