

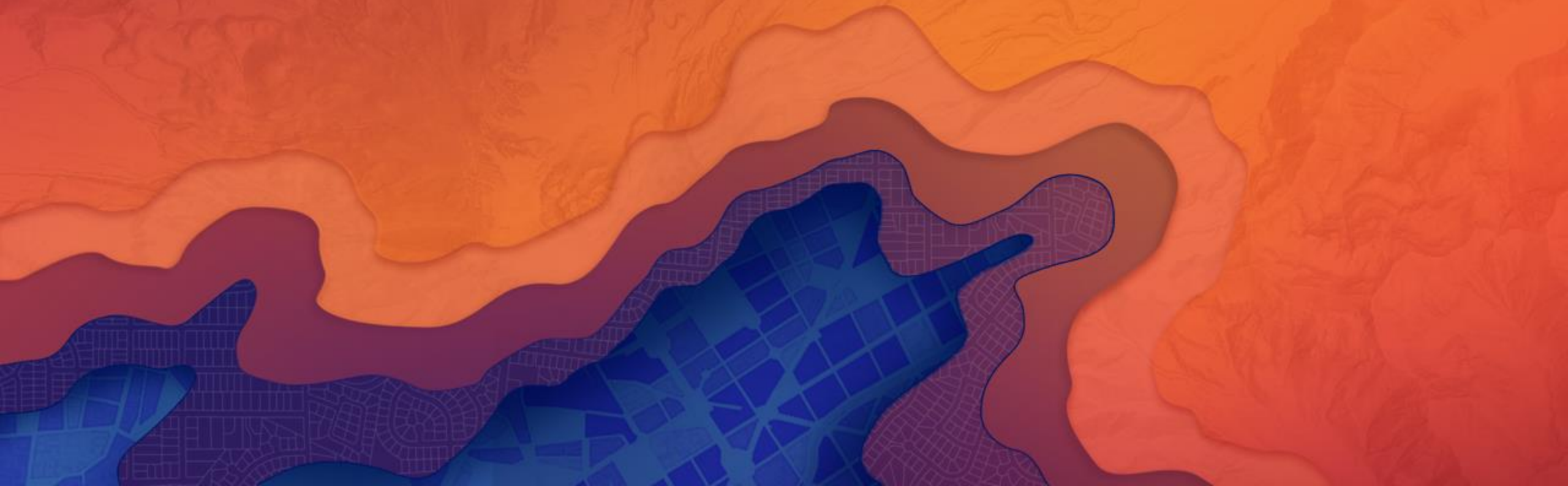


Implementing an Open Data Strategy

Courtney Claessens, Product Engineer
R&D Center, Washington, DC

A little context

Open data within the ArcGIS Platform



Historic Sharing Practices

- Physical Media and FTP Sites
 - Static snapshots over time
 - Quarterly release
 - Manual process to produce
- Data typically had terms of use
 - Used by academia & neighboring governments for analysis
 - Possibly aggregated into commercial datasets
 - Mindset was to sell data

Modern Expectations of Sharing

- Open Data is now an EVERYDAY THING
 - International movement to provide transparency and enable economic development
 - Formalized process to license and share data to the public
 - Often supported by governing legislation
- Solutions connected to Enterprise Architecture
 - Leveraging Servers to share out and ingest data
 - Minimal impact on the information workers

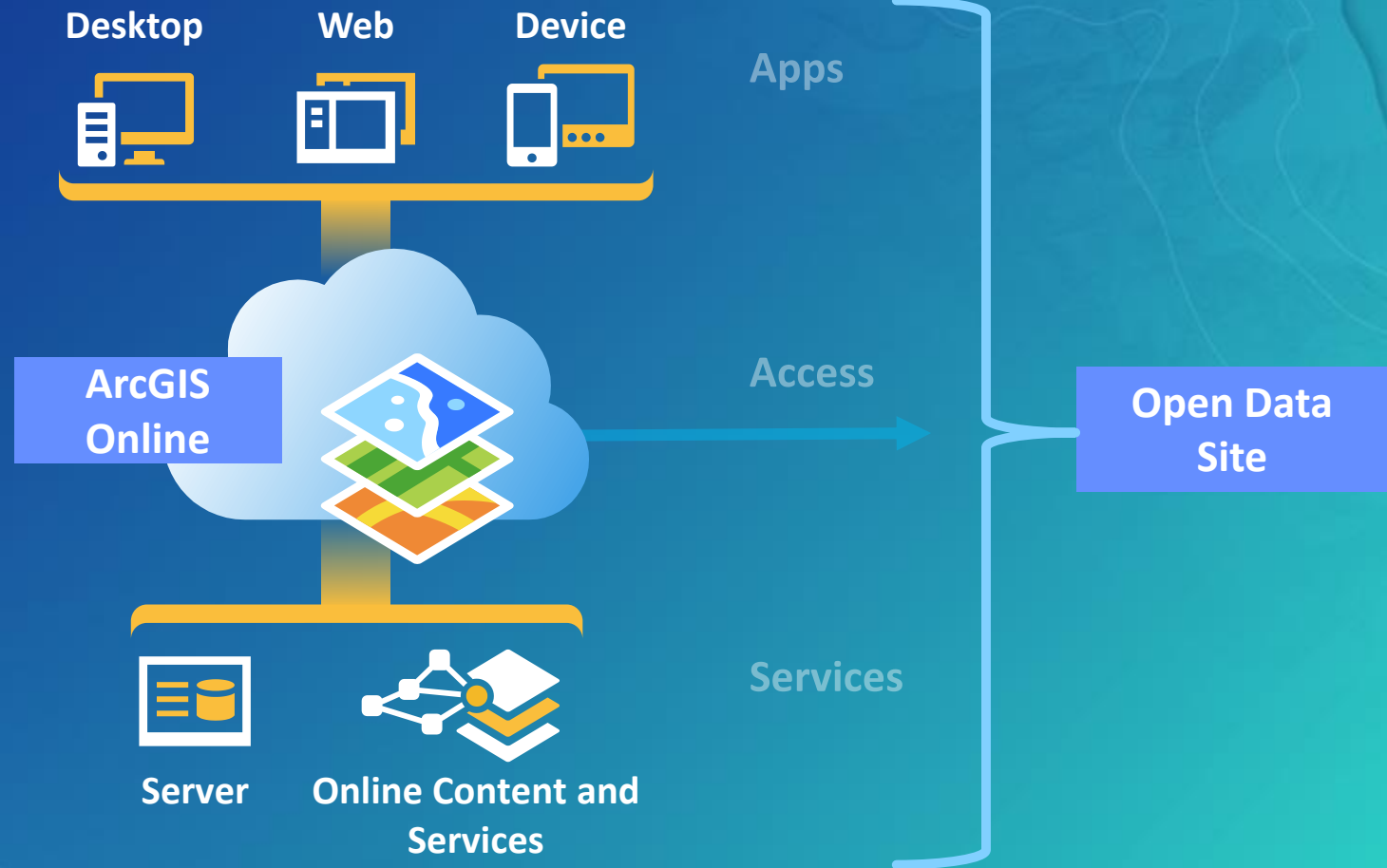
An INNOVATION ECOSYSTEM



Part of the ArcGIS Platform

Providing open access to your published data

Simple
Integrated
Open



Open Data Principles



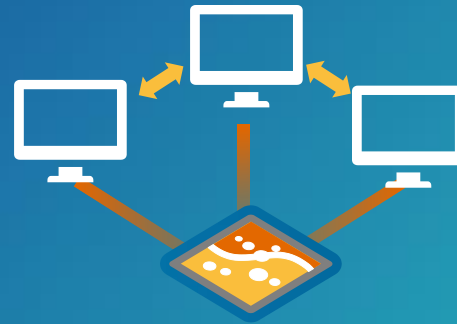
Accessible



Explorable



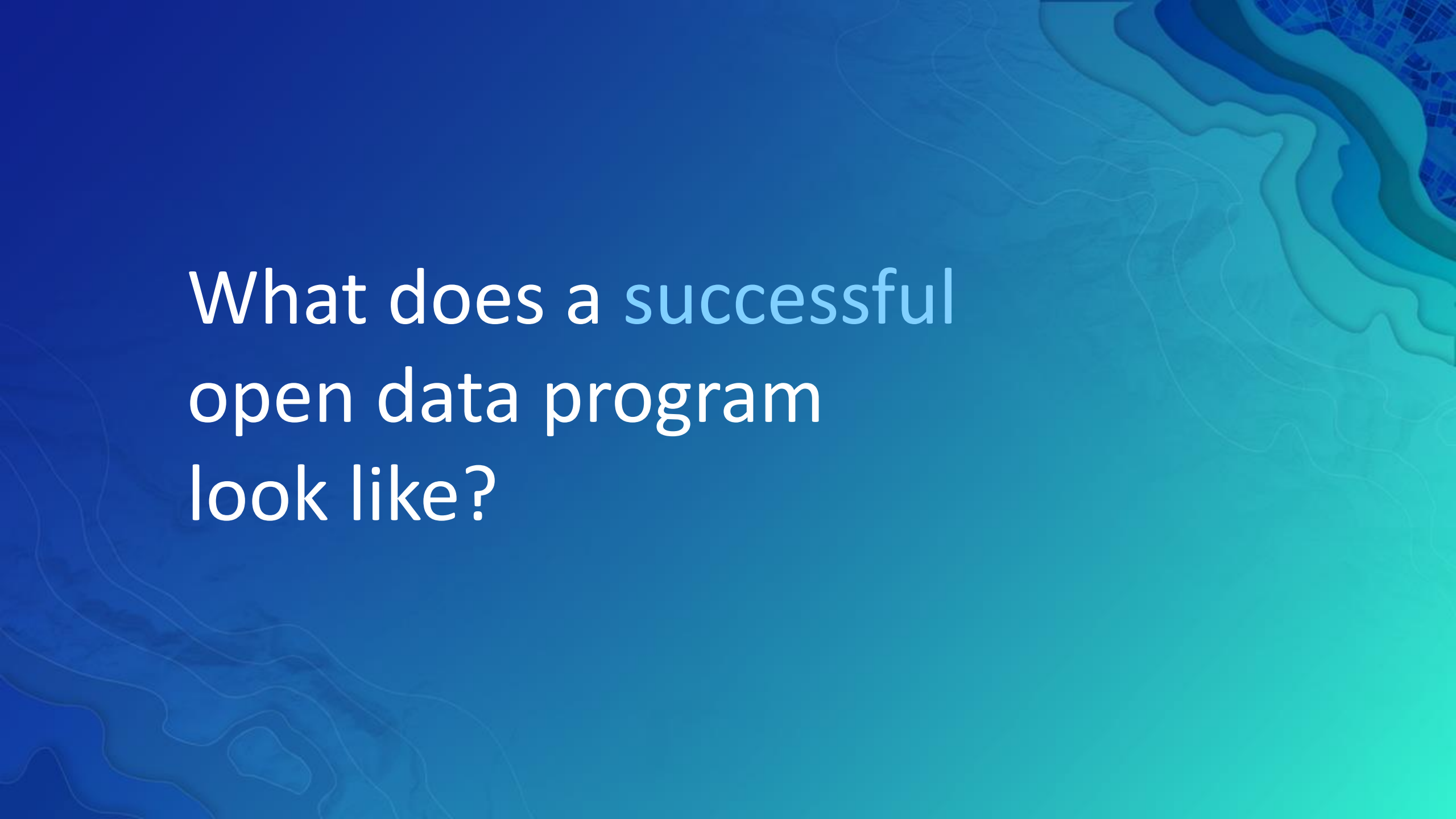
Discoverable



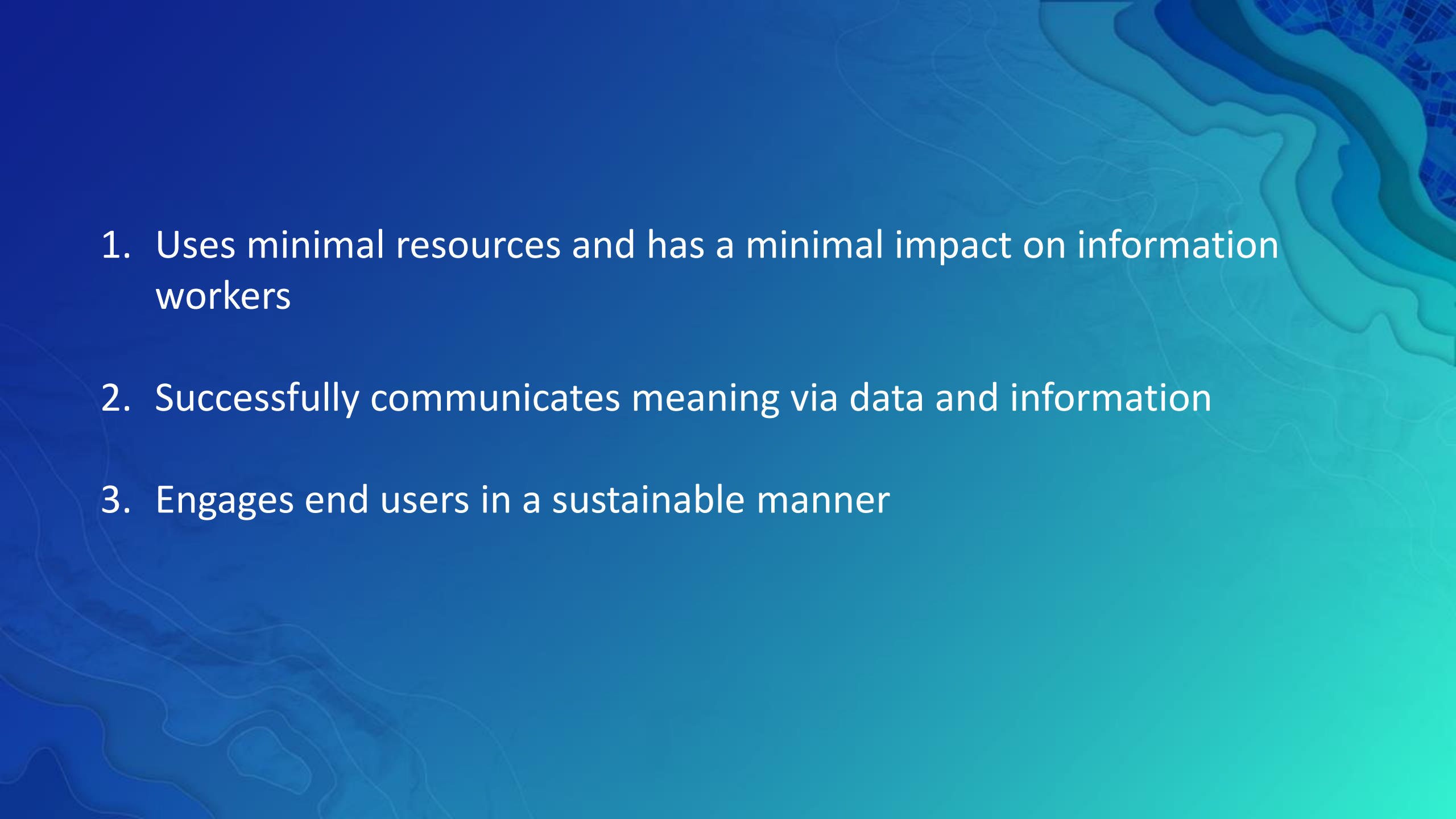
Collaborative

Current State of Open Data

- Complete open data solution for operational tables and spatial data
 - 7,600+ Organizations around the world
 - 70,000 Datasets shared into Open Data
 - 20,000,000+ Downloads in 2016
- Provide custom sites you control
 - Unlimited Bandwidth and API Usage
 - No restriction on the number of datasets
 - Auto-generated downloads
 - Suite of applications to provide context
 - ArcGIS sharing model



What does a successful
open data program
look like?

- 
1. Uses minimal resources and has a minimal impact on information workers
 2. Successfully communicates meaning via data and information
 3. Engages end users in a sustainable manner

Integrated workflows

> Uses minimal resources and has a minimal impact on information workers

Leverages existing services and familiar workflows



Open Data Workflows

Auto ETL and Custom Search



Site

Preview

Interact

Download

Search

Metadata

Shapefile

KML

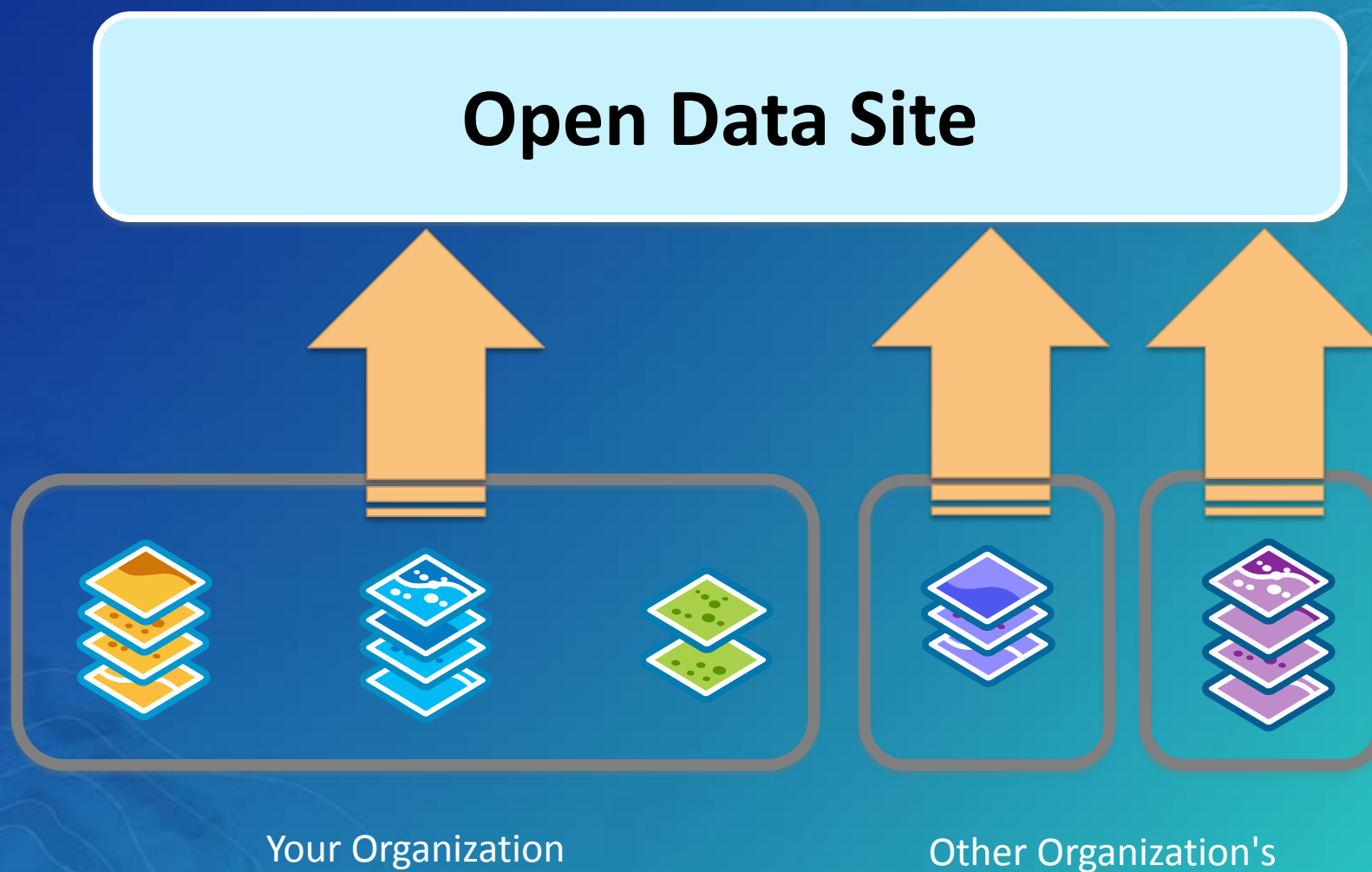
CSV

GeoJSON

- Tax Parcels
- Sales
- Foreclosures
- Street Centerlines
- Address Points
- Points of Interest
- Building Footprints
- Subdivision Boundary

- Purchase Card Transactions
- Use of Force Events
- Calls for Service
- Tax Districts
- Park Locations
- School Zones
- Public Buildings
- Parking Ticket Locations

Federating groups into open data sites





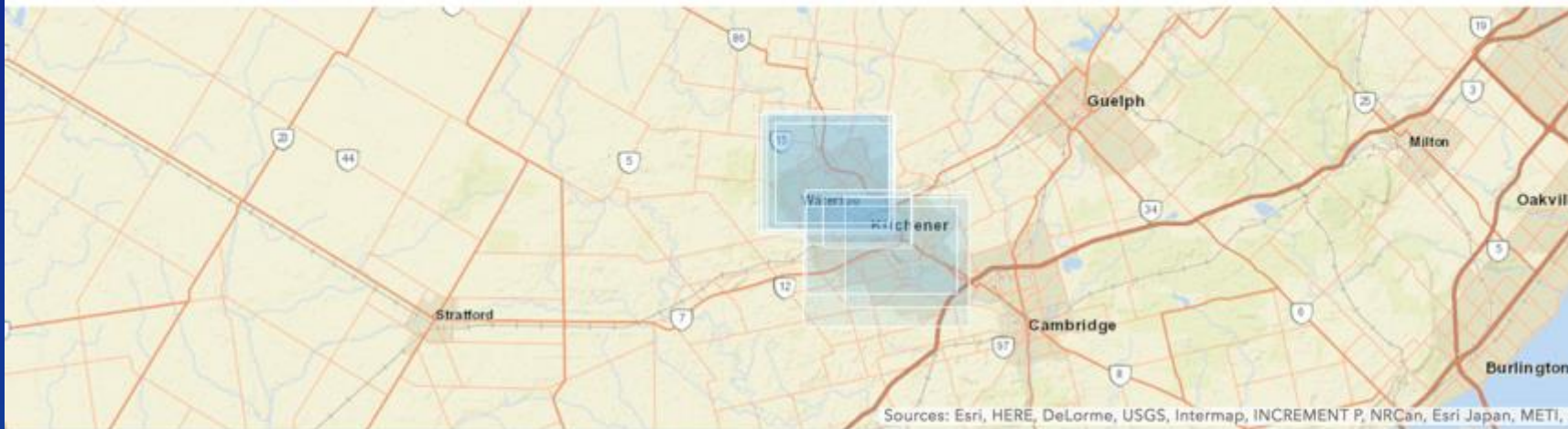
Region of Waterloo - Open Data

Committed to Accountability and Transparency

Open Data Provided by our Partners

The Region of Waterloo has teamed up with the cities of Cambridge, Kitchener and Waterloo, to provide access to data from all four organizations. By visiting any of the four Open Data sites, you can access hundreds of datasets with the click of your mouse.





Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri

Filter By

Tags

Open Data (82)
Open Data (81)
City Of Kitchener (70)
Kitchener (69)
City Of Waterloo (55)

More ▼

Source

City of Kitchener (75)
City of Waterloo (48)
Cambridge, Ontario (27)
Region of Waterloo (1)

Content Type

spatial dataset (217)
document (46)
table (5)
web mapping application (2)

1 - 10 of 270 results

Relevance

Application Status Report Subdivision

Shared by KitchenerGIS

Subdivision Applications as generated from AMANADA Daily updates FieldsAPPLICATION #Unique number assigned to filePLANNERStaff person working on fileDESCRIPTIONBrief explanation of the proposalAPPLICANTWho submitted the applicationNUMBERStreet numberADDRESSStreet

Custom License 6/20/2017 Document



Application Status Report Zone Change

Shared by KitchenerGIS

Zone Change Applications as generated from AMANDA Daily updates FieldsAPPLICATION #Unique number assigned to filePLANNERStaff person working on fileDESCRIPTIONBrief explanation of the proposalAPPLICANTWho submitted the applicationNUMBERStreet numberADDRESSStreet

Custom License 6/20/2017 Document



Elected Officials

Shared by KitchenerGIS

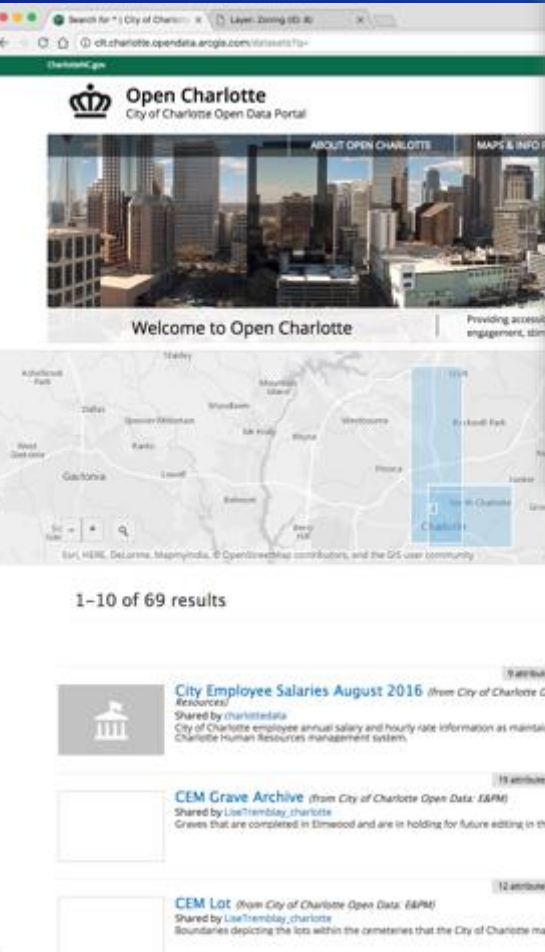
All council members are elected for a four-year term. The mayor is elected by voters from across the city and Councillors are elected by voters within specific wards. Council members are elected for a four-year term. This dataset conforms to the Represent CSV Schema for elected officials' contact information.

Custom License 6/20/2017 Document



Open Data - No Wrong Door

DCAT
/data.json

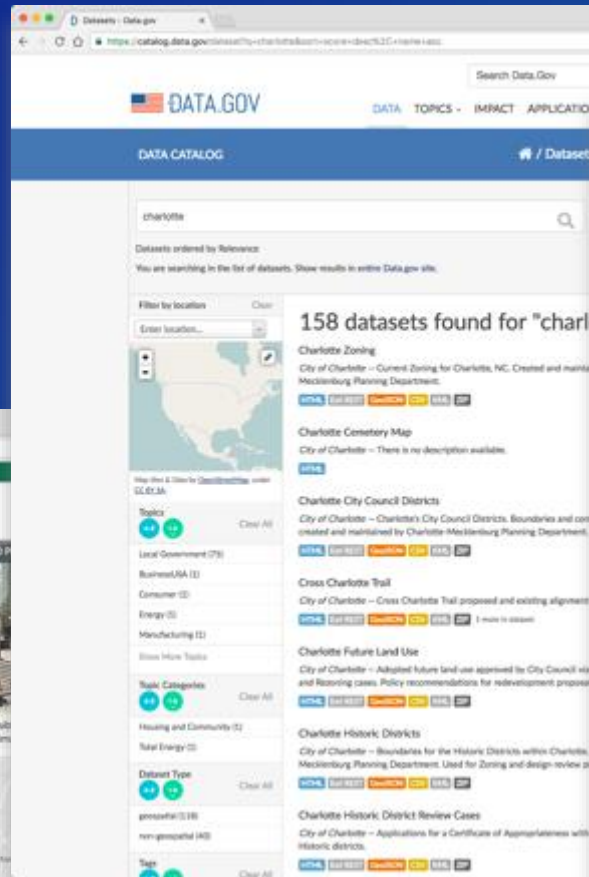


Open Charlotte
City of Charlotte Open Data Portal

Welcome to Open Charlotte

1-10 of 69 results

- City Employee Salaries August 2016** (from City of Charlotte Open Data: Human Resources)
Shared by charlottedata
City of Charlotte employee annual salary and hourly rate information as maintained and stored in the Charlotte Human Resources management system.
- CEM Grave Archive** (from City of Charlotte Open Data: E&PM)
Shared by Lisa7remblay_charlotte
Graves that are completed in Elmwood and are in holding for future editing in the other cemeteries
- CEM Lot** (from City of Charlotte Open Data: E&PM)
Shared by Lisa7remblay_charlotte
Boundaries depicting the lots within the cemeteries that the City of Charlotte manages.



DATA.GOV

DATA CATALOG

Search Data.Gov

charlotte

Datasets ordered by Relevance

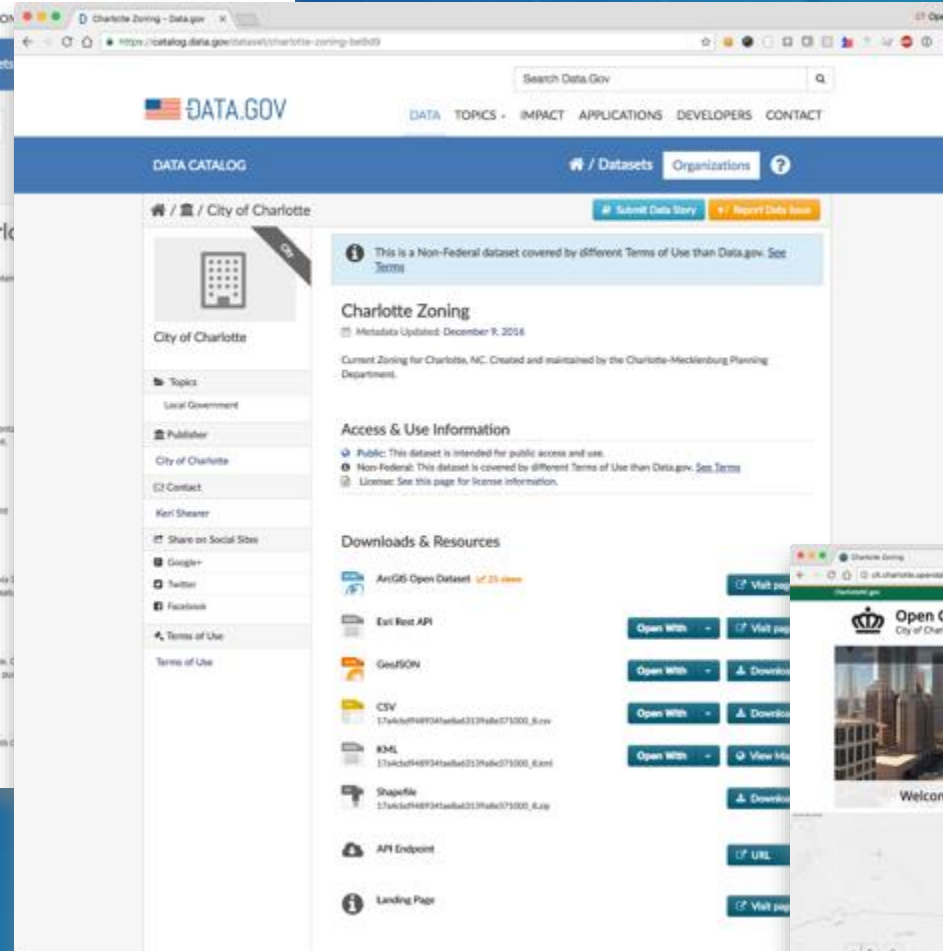
You are searching in the list of datasets. Show results in entire Data.gov site.

Filter by location

Enter location...

158 datasets found for "charlotte"

- Charlotte Zoning**
City of Charlotte - Current Zoning for Charlotte, NC. Created and maintained by the Charlotte-Mecklenburg Planning Department.
- Charlotte Cemetery Map**
City of Charlotte - There is no description available.
- Charlotte City Council Districts**
City of Charlotte - Charlotte's City Council Districts. Boundaries and created and maintained by Charlotte-Mecklenburg Planning Department.
- Cross Charlotte Trail**
City of Charlotte - Cross Charlotte Trail proposed and existing alignment
- Charlotte Future Land Use**
City of Charlotte - Adopted future land use approved by City Council city and Rezoning cases. Policy recommendations for redevelopment proposals
- Charlotte Historic Districts**
City of Charlotte - Boundaries for the Historic Districts within Charlotte, NC. Created and maintained by the Charlotte-Mecklenburg Planning Department. Used for Zoning and design-review purposes
- Charlotte Historic District Review Cases**
City of Charlotte - Applications for a Certificate of Appropriateness with Historic districts.



DATA.GOV

DATA CATALOG

Search Data.Gov

City of Charlotte

This is a Non-Federal dataset covered by different Terms of Use than Data.gov. See Terms

Charlotte Zoning
Metadata Updated: December 9, 2016
Current Zoning for Charlotte, NC. Created and maintained by the Charlotte-Mecklenburg Planning Department.

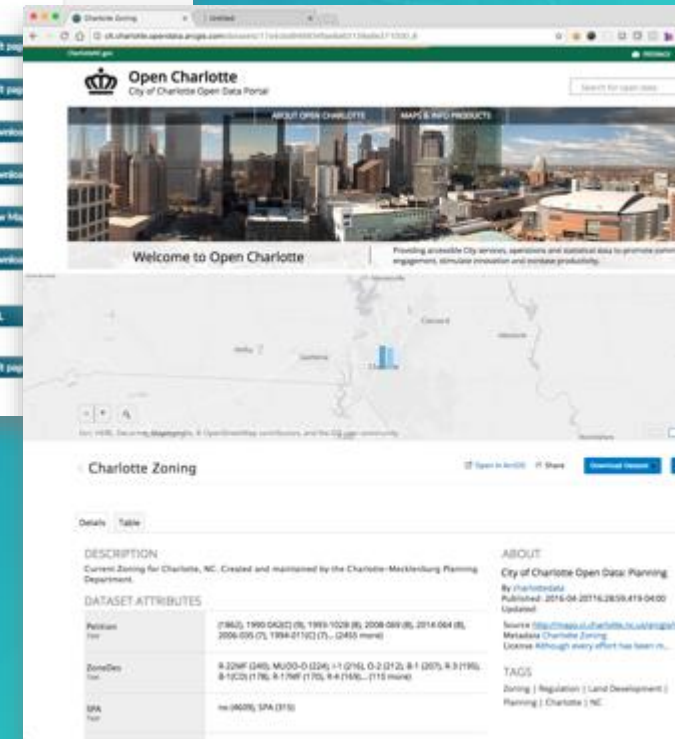
Access & Use Information

- Public: This dataset is intended for public access and use.
- Non-Federal: This dataset is covered by different Terms of Use than Data.gov. See Terms
- License: See this page for license information.

Downloads & Resources

- GeoJSON
- CSV
- KML
- Shapefile
- API Endpoint
- Landing Page

CKAN



Open Charlotte
City of Charlotte Open Data Portal

Welcome to Open Charlotte

Charlotte Zoning

Details Table

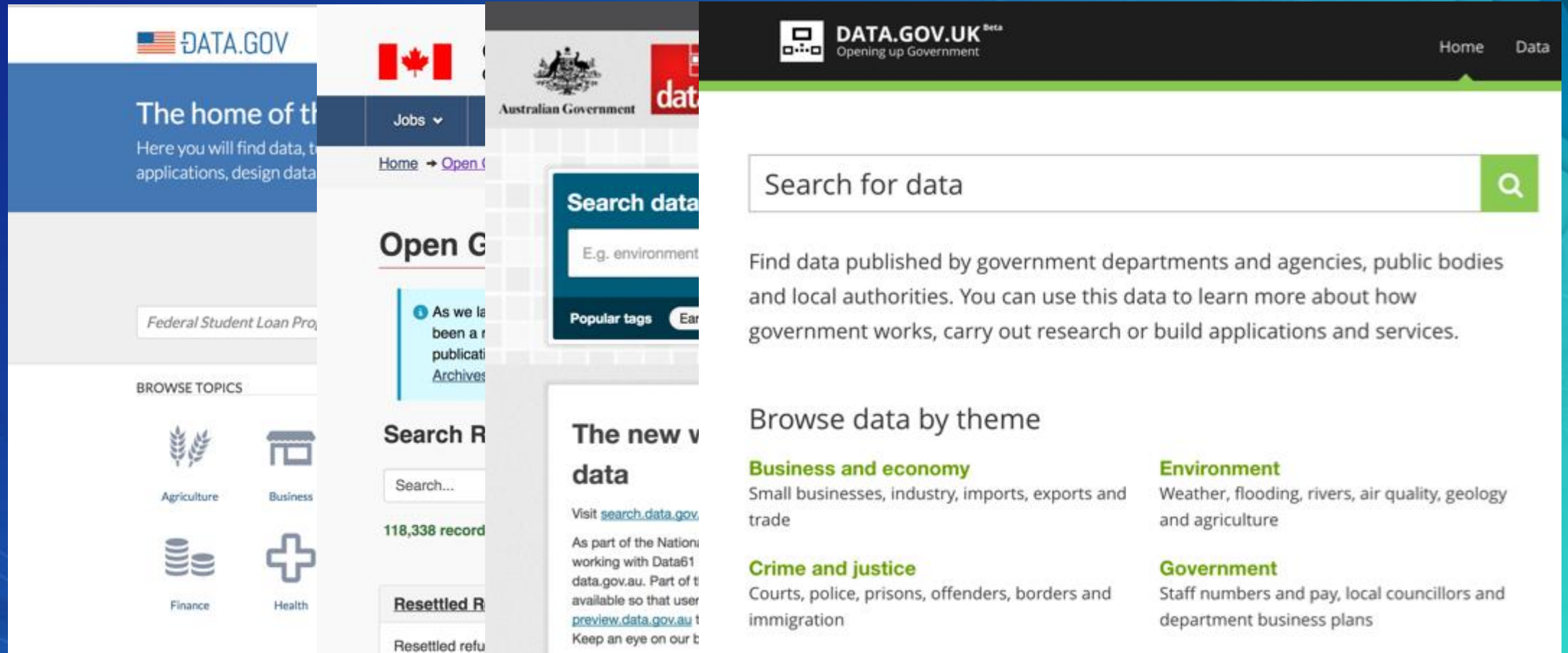
DESCRIPTION
Current Zoning for Charlotte, NC. Created and maintained by the Charlotte-Mecklenburg Planning Department.

DATASET ATTRIBUTES

Package ID	078A0, 1900-04202 (0), 1905-1020 (0), 2008-080 (0), 2014-004 (0), 2006-005 (0), 1994-01302 (0), - (2455 items)
ZoneID	4 (20W) (445), MU0-0 (124) 1+ (0) 16, 0-2 (0) 2, 8+ (0) 5, 4-9 (196), 8-10 (2) (176), 4-1 (96) (170), 4-4 (195), - (118 items)
SFA	Yes (4006), SFA (215)

ABOUT
City of Charlotte Open Data: Planning
By charlottedata
Published: 2016-04-20 16:28:59.419-04:00
Updated:
Source: <http://maps.ci.charlotte.nc.us/arcgis/>
Metadata: Charlotte Zoning
License: Although every effort has been made...

TAGS
Zoning | Regulation | Land Development | Planning | Charlotte | NC



Scripts for automation

registerServices.py

This script registers all of the services from an ArcGIS for Server REST endpoint in the user's portal.

Sample Usage

Register the services at <https://server.domain.com/arcgis/rest/services>.

```
python registerServices.py -u https://portal.domain.com:7443/arcgis -o admin -s password -l  
https://server.domain.com/arcgis/rest/services
```

updateItemMetadata.py

This example updates an item's description page using an xml file with the ArcGIS metadata format. These files can be generated in ArcGIS Desktop using the [Export Metadata tool](#) with the FGDC2ESRI_ISO.xml translator. This is useful when you have detailed metadata associated with a dataset that you would like carried over when you publish it to your portal.

Sample Usage

Update the item details for portal item abc123 using the metadata in new_metadata.xml.

```
python updateItemMetadata.py -u https://www.arcgis.com -u admin -s password -i abc123 -p new_metadata.xml
```

publishFiles.py

This example bulk publishes the files in a directory as services in your ArcGIS Online org or Portal. The status of each publishing job is written out to a spreadsheet called results.csv in the directory containing the files. This is useful when you have many spatial files (e.g. shapefiles) that you want to publish and share, such as in an ArcGIS Open Data site.

Sample Usage

Upload and publish all of the zipped up shapefiles in c:\Shapefiles as Hosted Services in ArcGIS Online.

```
python publishFiles.py -u https://www.arcgis.com -o admin -s password -p 'C:\Shapefiles'
```

[https://github.com/
ecaldwell/portal-
admin-examples](https://github.com/ecaldwell/portal-admin-examples)

Scripts for automation

Open Data Object

This sample script currently contains an example workflow to refresh the datasets and cache for all datasets in an Open Data site.

esriurl.com/cachescript

The people

- Programs of all sizes succeed when you have an open data champion
- Executive buy-in helps sustainability and resource allocation
- Depends on your team and the size of your city/organization

Creating new workflows to integrate across your org

- Policies!

ALL BILLS »

District of Columbia Data Policy 0.1 (Draft)

Sponsored by: OCTO Data Team

[SUPPORT THIS DOCUMENT](#) [OPPOSE THIS DOCUMENT](#)

[BILL TEXT](#) [COMMENTS \(7\)](#)

SUBJECT: District of Columbia Data Policy

Section 1. Intent

The data created and managed by the District government are valuable assets and are independent of the information systems in which the data reside. As such, the District government shall

- maintain an inventory of its datasets.
- strategically plan and manage its investment in data and systems.

The greatest value from the District's investment in data can only be realized when the data are freely shared among District agencies, with federal and regional governments, and with the public to the fullest extent consistent with safety, privacy and security. When so shared, the District's data have the power to

BILL STATS

SUPPORT vs OPPOSE

10 2

13 PARTICIPANTS 7 COMMENTS 195 NOTES

Updated 10 months ago

NOTES ⓘ

1 3 collaborators | 2 replies

1 3 collaborators | 8 replies

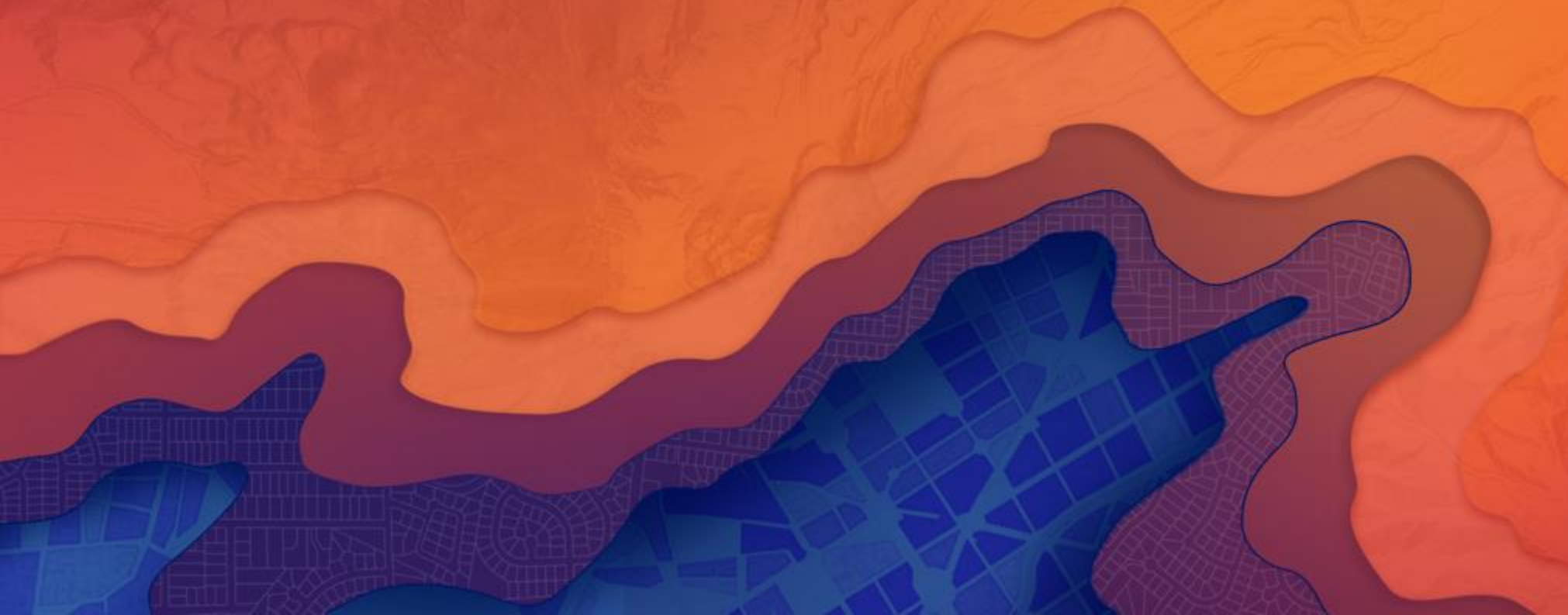
1 3 collaborators | 3 replies

2 3 collaborators | 3 replies

2 4 collaborators | 5 replies

High quality, highly informative

> Successfully communicates meaning via data and information



If you're just starting out...

- Look at documentation and examples to help decide which datasets to focus on first
- <http://us-city.census.okfn.org/>



Creating high quality data

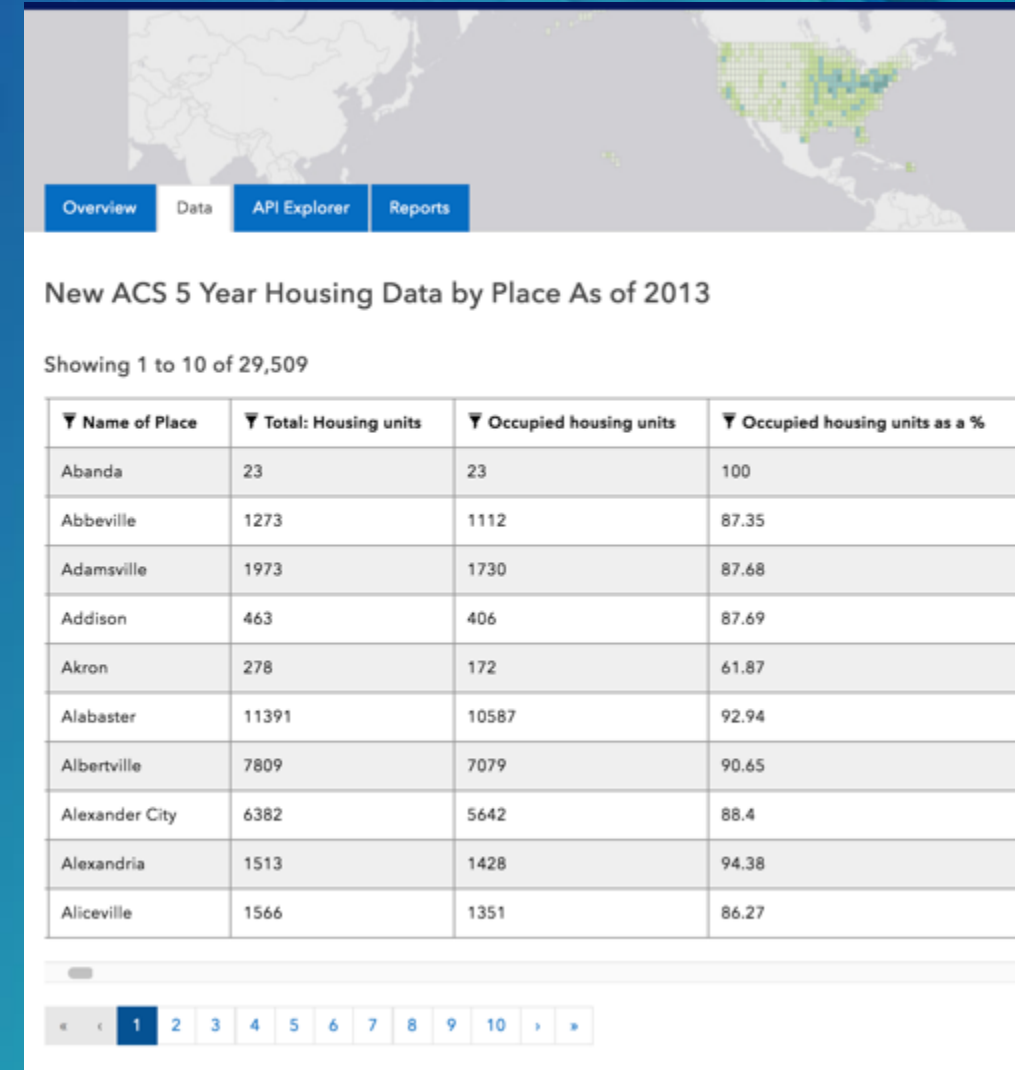
- Starting from desktop:
 - Add attribute aliases



ACS 5 Year Housing Data by Place As of 2013

Showing 1 to 10 of 29,509

NAME	B25002EST1	B25002EST2	B25002ES_1
Abanda	23	23	100
Abbeville	1273	1112	87.35
Adamsville	1973	1730	87.68
Addison	463	406	87.69
Akron	278	172	61.87
Alabaster	11391	10587	92.94
Albertville	7809	7079	90.65
Alexander City	6382	5642	88.4
Alexandria	1513	1428	94.38
Aliceville	1566	1351	86.27



New ACS 5 Year Housing Data by Place As of 2013

Showing 1 to 10 of 29,509

Name of Place	Total: Housing units	Occupied housing units	Occupied housing units as a %
Abanda	23	23	100
Abbeville	1273	1112	87.35
Adamsville	1973	1730	87.68
Addison	463	406	87.69
Akron	278	172	61.87
Alabaster	11391	10587	92.94
Albertville	7809	7079	90.65
Alexander City	6382	5642	88.4
Alexandria	1513	1428	94.38
Aliceville	1566	1351	86.27

Table Of Contents

Layers

Common_Core_of_Data_20102011

Layer Properties

General Source Selection Display Symbology Fields Definition Query Labels Joins & Relates Time HTML Popup

Options

Choose which fields will be visible

- ☒ FID
- ☒ Shape
- ☒ OBJECTID_1
- ☒ OBJECTID
- ☒ NCES School ID
- ☒ seach
- ☒ flpst
- ☒ leanm
- ☒ leaid
- ☒ coname
- ☒ conum
- ☒ mstree
- ☒ mcity
- ☒ mzip
- ☒ lstree
- ☒ lcity
- ☒ lzip
- ☒ latcod

Appearance

Alias	NCES School ID
Highlight	No
Read-Only	No

Field Details

Data Type	Text
Length	80
Name	schno
Allow NULL Values	No

Alias

Descriptive name for the field

OK

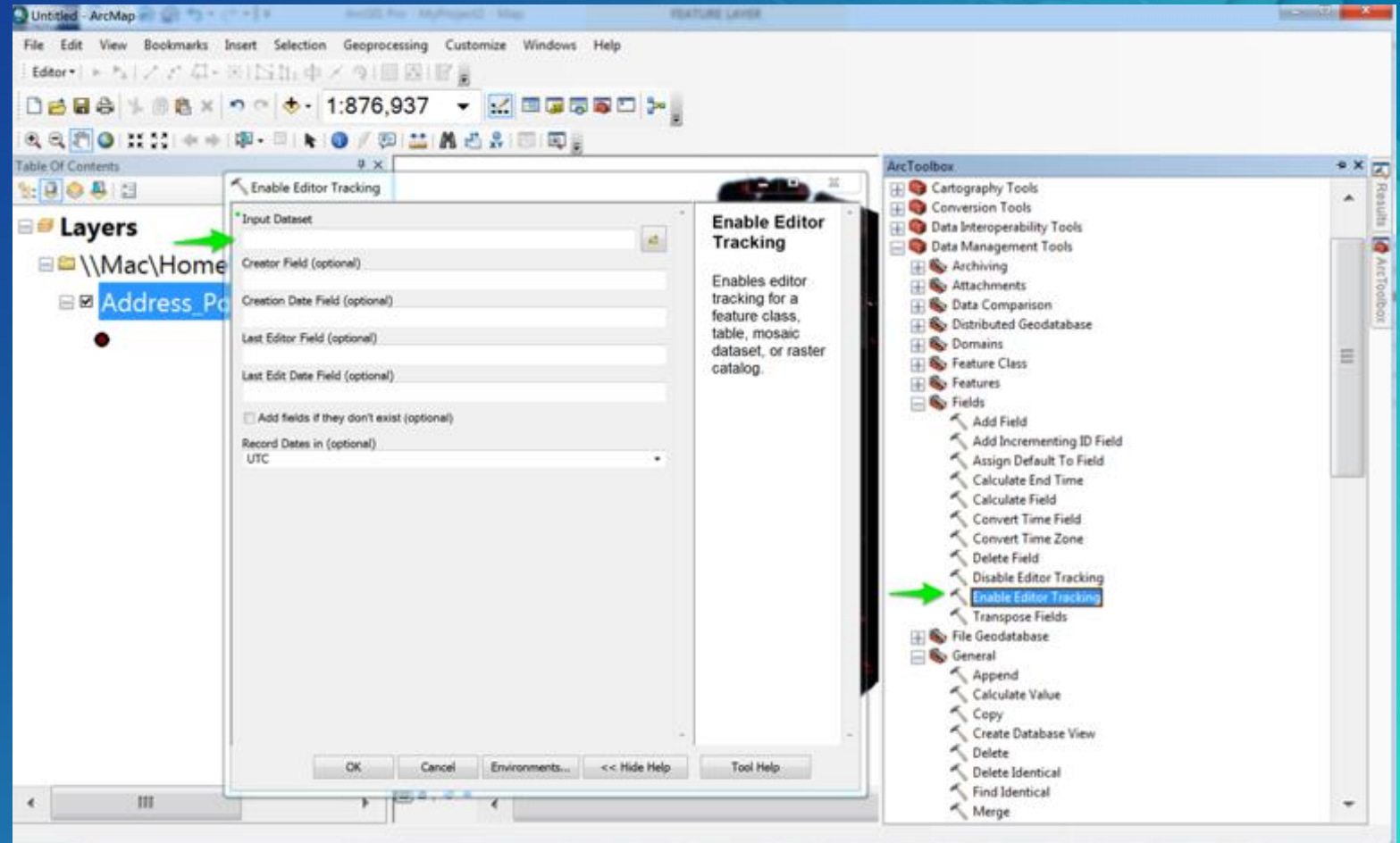
Cancel

Apply



Creating high quality data

- Starting from desktop:
 - Add attribute aliases
 - Enable editor tracking



Creating high quality data

- Registering datasets and editing metadata
- Title, description, access and use constraints (license), tags
- Licenses
 - Creative Commons (CC0, CC BY, CC BY-SA), Open Data Commons license
 - <https://creativecommons.org/choose/>
 - If you have a terms of use, add it in your footer
- Add structured metadata on ArcGIS Online
 - Accessible from dataset page and included in shapefile downloads

More than just pre-packaged ETL – Getting those sweet sweet fgdb's

- For hosted services:
check “Export Data” in the Online settings
- File geodatabases are automatically
created by ArcGIS Online

ACS 5 Year Housing Data by Place As of 2013

Overview Data Visualization Usage Settings

General Settings Feature Layer (hosted) Settings

General Settings

Delete Protection Delete Item

☐ Prevent this item from being accidentally deleted.

Extent Set Extent

Top: 71.34

Left: -176.71 Right: -65.29

Bottom: 17.88

Save Cancel

Feature Layer (hosted) Settings Save Cancel

Editing

☐ Enable editing.

☐ Keep track of created and updated features.
Keep track of who created and last updated features.

☐ Enable Sync (disconnected editing with synchronization).

Optimize Layer Drawing


This setting increases the drawing speed of line and polygon layers with detailed geometry (e.g., many vertices) but also uses additional storage space to do so.

Select the layers to optimize:

☐ ACS_5_Year_Housing_Data_by_Place_As_of_2013

Note: Layer optimization takes a few minutes to complete. Editing will be temporarily disabled on layers undergoing optimization.

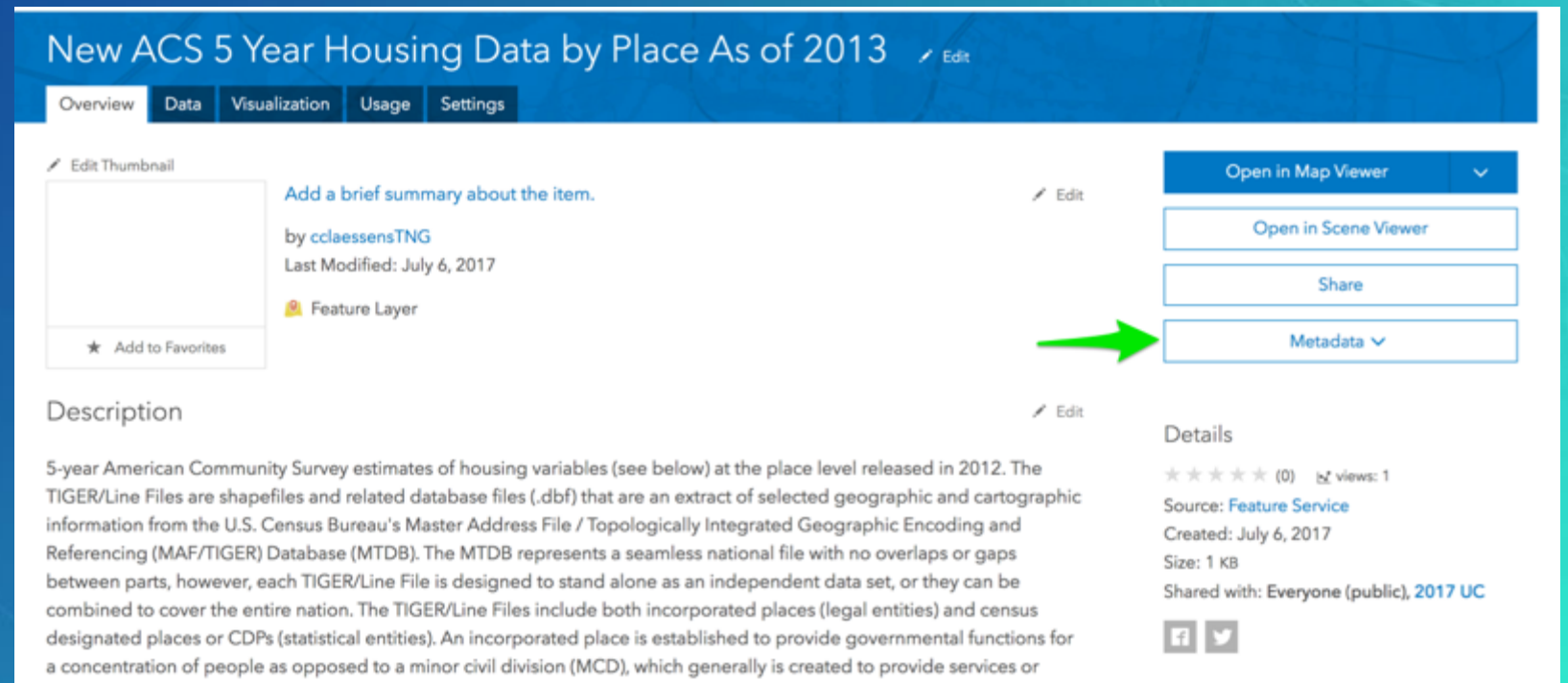
Export Data

☒ Allow others to export to different formats. 

Save Cancel

Adding additional download types

- **Add additional resources to your datasets using distributions in metadata**
 - Add file geodatabases to your on-premises services
 - Add more metadata files
 - Add raw imagery data
 - Anything else!



New ACS 5 Year Housing Data by Place As of 2013 [Edit](#)

Overview Data Visualization Usage Settings

[Edit Thumbnail](#)

Add a brief summary about the item.

by cclaessensTNG
Last Modified: July 6, 2017

[Feature Layer](#)

[Add to Favorites](#)

[Open in Map Viewer](#) [Open in Scene Viewer](#)
[Share](#)
[Metadata](#)

[Edit](#)

Description

5-year American Community Survey estimates of housing variables (see below) at the place level released in 2012. The TIGER/Line Files are shapefiles and related database files (.dbf) that are an extract of selected geographic and cartographic information from the U.S. Census Bureau's Master Address File / Topologically Integrated Geographic Encoding and Referencing (MAF/TIGER) Database (MTDB). The MTDB represents a seamless national file with no overlaps or gaps between parts, however, each TIGER/Line File is designed to stand alone as an independent data set, or they can be combined to cover the entire nation. The TIGER/Line Files include both incorporated places (legal entities) and census designated places or CDPs (statistical entities). An incorporated place is established to provide governmental functions for a concentration of people as opposed to a minor civil division (MCD), which generally is created to provide services or

[Edit](#)

Details

★ ★ ★ ★ ★ (0) [views: 1](#)

Source: [Feature Service](#)
Created: July 6, 2017
Size: 1 KB
Shared with: [Everyone \(public\)](#), [2017 UC](#)

[f](#) [t](#)

New ACS 5 Year Housing Data by Place As of 2013

Resource Quality **Distribution** Representation Content Fields Reference Metadata

☒ Distribution Information

Transfer Options Format Distributor

☒ Digital Transfer Options

Online Resource Units Offline Medium

☒ Online Resource 1 2

URL* <https://myfgdb.zip>

Protocol

Application Profile

Name [File Geodatabase](#)

Description

Function [Download](#)

In the metadata of the ArcGIS Online item

Find My Data Sign In

Location density of 29,509 fe

Overview **Data** API Explorer Reports

New ACS 5 Year Housing Data by Place As of 2013

No license specified 7/7/2017 Spatial Dataset 29,509 Rows

5-year American Community Survey estimates of housing variables (see below) at the place level released in 2012. The TIGER/Line Files are shapefiles and related database files (.dbf) that are an extract of selected geographic and cartographic information from the U.S. Census Bureau's Master

[More](#)

Attributes

Chart Map Visualization

1 bedroom Number	1 bedroom as a % Number	1 bedroom: Number	1 bedroom: \$1000 or more Number	1 bedroom: \$1000 or more as a % Number
---------------------	----------------------------	----------------------	-------------------------------------	--

Favorite Download Data APIs

About

- Full Dataset
- Spreadsheet
- 2017 UC Shared By Data Source KML
- Shapefile
- View Metadata Additional Resources
- Create Web Map File Geodatabase

Dataset in open data

Adding other kinds of items

- Go beyond the feature service
 - Web maps
 - Web mapping applications
 - PDFs, word docs
 - External links

Document Link | gis.lethbridge.ca | ☆



Parcels West Side [↗](#) *(from Lethbridge Open Data)*

Shared by [OpenLethbridge](#)

Land parcels located in West Lethbridge. This data is intended for use in computer-aided design software applications such as AutoCAD and MicroStation. Last Updated: Jan 23,2016 Refresh Frequency: As Available

Document Link | gis.lethbridge.ca | ☆



Parcels South Side [↗](#) *(from Lethbridge Open Data)*

Shared by [OpenLethbridge](#)

Land parcels located in South Lethbridge. This data is intended for use in computer-aided design software applications such as AutoCAD and MicroStation. Last updated: Jan 23,2017 Refresh Frequency: As Available

Document Link | www.lethbridge.ca | ☆



Nature Sightings [↗](#) *(from Lethbridge Open Data)*

Shared by [OpenLethbridge](#)

The Helen Schuler Nature Centre (HSNC) has been collecting local plant and wildlife sighting data, from a 100 km radius of the City of Lethbridge since the early 1990's. Sightings are reported by HSNC staff and volunteers, as well as members of the public (citizen science) and have been verified by NC staff. New sightings can be reported to the NC by phoning 403-320-3064 or e-mailing hs...

Document Link | trr.tbe.taleo.net | ☆



Career Opportunities [↗](#) *(from Lethbridge Open Data)*

Shared by [OpenLethbridge](#)

Employment Opportunities with the City of Lethbridge Refresh Frequency : Live Feed

Adding other kinds of items

- **Go beyond the feature service**
 - Web maps
 - Web mapping applications
 - PDFs, word docs
 - External links
- **Connected content**
 - Add web maps that use your open data – they'll show up on the dataset page!














DC Public Schools

No license specified 3/7/2017 Spatial Dataset 122 Rows

Public school data provided by the District Department of Education.

Attributes

Chart Map Visualization

 ADDR_ID Number	ADDRESS Text	 ADDRID Number	BLDG_NUM Number	 CAPACITY Number	 CAPITALGAINS Text	 FACUSE Text	GIS_ID Text	 LEVEL_ Text
NAME Text	PHONE Text	 POPULATION_ENROLLED_2008 Number		 POPULATION_PLAN Number		SCH_PROG Text	 SQUARE_FOOTAGE Number	
 SSL Text	 STATUS Text	TOTAL_STUD Number	UNGRADED Number	WEB_URL Text	 YEAR_BUILT Number	 ZIP_CODE Number	SHOW MORE 6 Attributes	

Connected Content

Related Data



School Distributions

The organization that shared this item did not provide a description.

JULY 3, 2017

Official Web Map: cclaessensTNG



Favorite

Download Data

APIs

About

Education Open Data

Shared By: cclaessen_uc

Data Source: maps2.dcgis.dc.gov

[View Metadata](#)

[Create Webmap](#)

[Create a Story Map](#)

More than just data altogether

Consider the questions...

- What stories do the data tell?
- How can we generate insights?
- How is the data being used?
- What questions can we answer more simply?

Consider the solutions...

- Story Maps
- Operations dashboards
- Locator applications
- Pages

Turning data into information

A Platform for a

future**ready**

BRAMPTON

The Brampton GeoHub is a platform that features initiative driven tools that help grow transparency and foster innovation everywhere. Combine datasets and perform analysis through the use of maps and charts, or simply download the data to tell your own story.

Browse the data by **Category**, or **explore the entire collection** of datasets. This is Open Data *with a purpose*.



APPS

Purposeful web apps built with Open Data to answer questions and solve problems.



MAPS

Browse Brampton's gallery of cartographic products that are built with open data.



STORIES

A platform to share stories with residents relating to the City's current initiatives.




DATA

Analyze it. Visualize it. Download it. This is Open Data with a purpose.

Johns Creek DataHub

Open Data, Dashboards, and Mapping Apps

The "DataHub" is the City of Johns Creek's central location for open data, dashboards, and interactive mapping applications.

Through this Hub, you can visualize city data in maps, charts, and dashboards. Developers can even tie their own data services and applications into City data.

Visualize Data in Dashboards

Dashboards provide an interactive way of visualizing information in the Johns Creek DataHub.



Most Common Data

Explore the most commonly-accessed data in the DataHub



CreekView

Interact with property information through a map



Business Locations

Find businesses and associated information



Building

Browse building permits and construction projects



Code Compliance

View code compliance cases



Fire

Navigate fire and medical calls from the JC Fire Department



Police

View incident information from the JC Police Department



Public Works

Dig into public works projects and tasks

[Explore More City Maps & Apps](#)

Two-way conversations

> Engages end users in a sustainable manner

Helping your users use the data

How-To Example Videos

View a short video explaining how data from the Johns Creek DataHub can be answer a variety of questions.



Locate

Locate potential customers



Find

Find, vacant, commercial sites



Discover

Discover restaurants along your commute



Utilize

Utilize data services to empower your apps

GIS Training Portal

Iowa Department of Transportation

Welcome to the GIS Training Portal

The Iowa Department of Transportation maintains a wide array of geographic information system, or GIS, services and tools to collect, manage, leverage, and implement geospatial data. In addition to supporting the data and services we offer, The Office of Organizational Improvement also creates training guides, videos, and documents that cover everything from the fundamentals to advanced skills.

This GIS Training Portal was created in an effort to provide a centralized location for all types of geospatial learning.



Open Data



Featured Apps



GIS Website



Interactive Maps



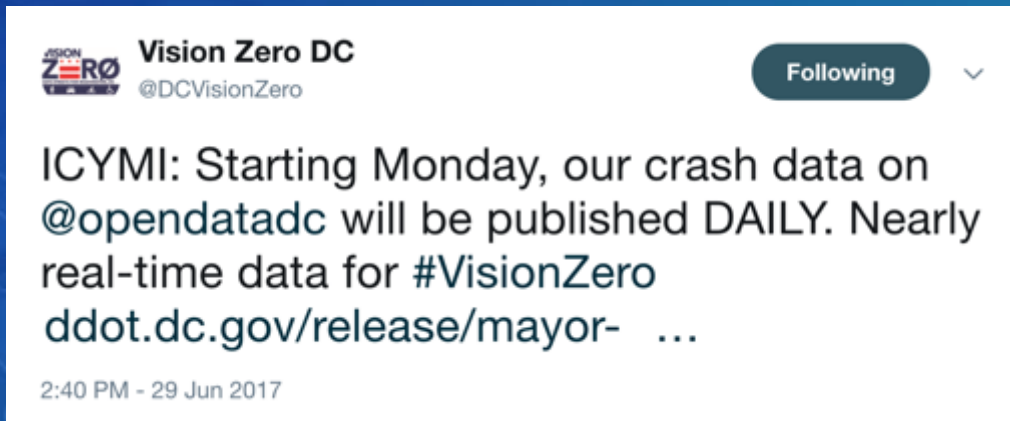
Training



AGOL User Guide

Communication Channels

- Think about how you want to converse with your community
 - Meeting people where they are
 - How are they currently contacting you?
 - Twitter, Facebook
- Let people know when you publish new data or make any breaking changes



Mayor Bowser Announces Public Crash Data to be Published Every Twenty Four Hours

Thursday, June 29, 2017

Safety data supports Vision Zero



FOR IMMEDIATE RELEASE

Media Contacts

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Michelle Phipps-Evans — (202) 497-0124, michelle.phipps-evans@dc.gov

(Washington, DC)—Today, Mayor Muriel Bowser announced the District of Columbia will begin publishing traffic crash data in an open and geocoded format every 24 hours. The new initiative is the result of collaboration between the District Department of Transportation (DDOT), the Metropolitan Police Department (MPD), and the Office of the Chief Technology Officer (OCTO).



Howard Smith

@howardrunbake

Follow



@opendatadc Are you going to add a dataset for Crime Incidents 2017?

8:48 AM - 24 Jan 2017

1 Like



2



1



Tweet your reply



Open Data DC @opendatadc · Jan 24



Replying to @howardrunbake

For sure @howardrunbake. Planned publish @DCPoliceDept feed, Jan27. With @dcra BBL & @DDOTDC public space permits- new year, new #opendatadc



1



Open Data DC @opendatadc · Jan 31



Yoo-hoo @howardrunbake! @DCPoliceDept crime 2017 @ #opendatadc. opendata.dc.gov/datasets/6af5c.... Search jan2017, more DC #opendata layers - cheers!



1



1



Howard Smith @howardrunbake · Jan 31




Awesome! Thanks so much for letting me know this was up!





1




Communication channels – FOIA-lite



  [Sign In](#)

Looking for Something Else?

District agencies are working together to add new data sets, keep data current and improve your experience.


District of Columbia

Email Updates

To sign up for updates or to access your subscriber preferences, please enter your contact information below.

Email Address *

Looking for Something Else?

*Required

What data are you looking for? *

Your answer

Never submit passwords through Google Forms.

Surveys & Data Collection

- Data gathering by the public community or team members
- Integrated with Pages, mobile apps, and embed into external advocacy groups
- Supports data requests, internal performance metrics

The screenshot shows the City of Raleigh website with a survey titled "Capital Area Greenway Trails". The page includes a header with navigation links, a main title, and a map of the Capital Area Greenway System. A bar chart shows the number of responses by trail type. The survey form includes sections for "Help us learn more about Greenways", "Share your voice", "Join our Events", and "How do you travel greenways?". It also has a "Submit" button and a "Sign up & Participate" button.

The screenshot shows the Baltimore Performance Reporting dashboard. It features a header with navigation links, a main title, and a "How to Report" section. The dashboard displays various performance metrics, including "A Healthy & Safe Start" (10.3), "School Readiness" (76), and "Academic Achievement" (30). It also includes bar charts for "Child Food Insecurity" and "Child Abuse Investigations". The dashboard is designed to provide a comprehensive overview of Baltimore's performance across various sectors.

Communication channels – what have your users been working on?

- Use pages and leverage surveys to give users an entry to present their work
- Add a community spotlight section on your site for others' to leverage the knowledge of their neighbours



Spotlight on Community Content

Explore what members of the community have been working on.

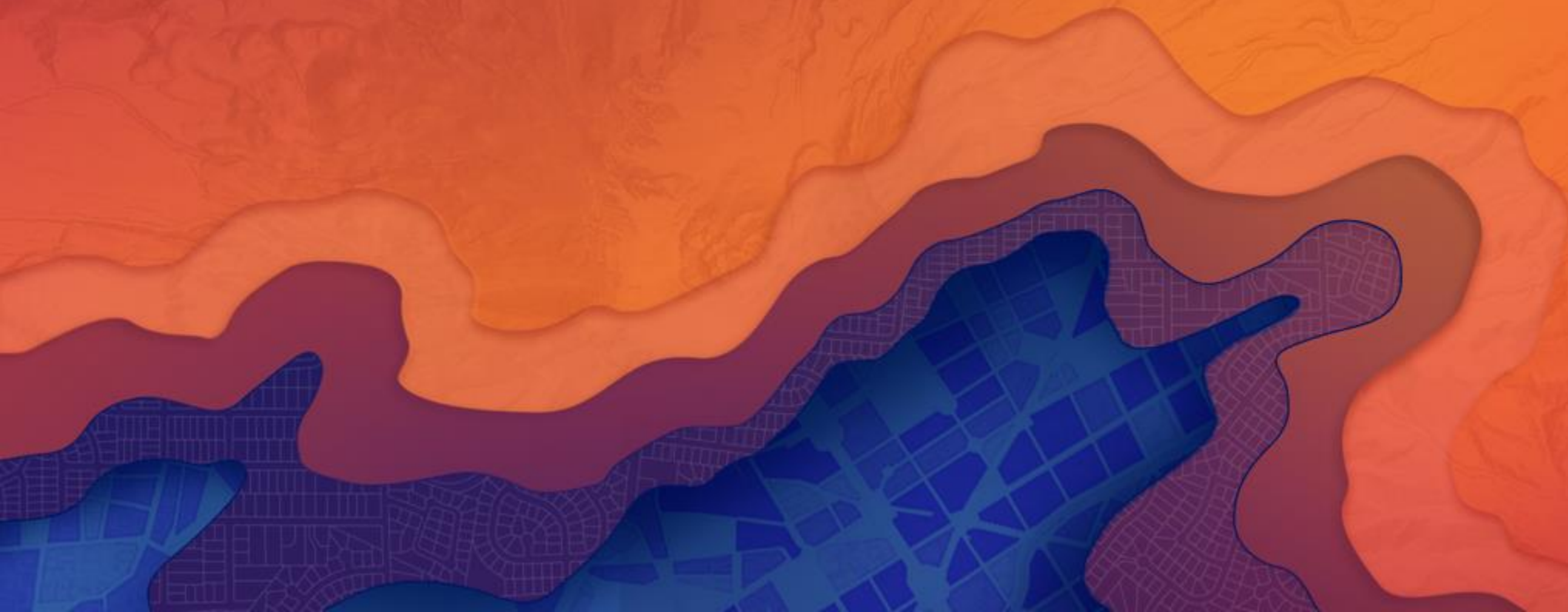


Vacant Lots to Community Gardens

Comparing results of a vacant land inventory survey with community garden distribution and demographic data, we advocate for turning lots into gardens in Marquette Park.

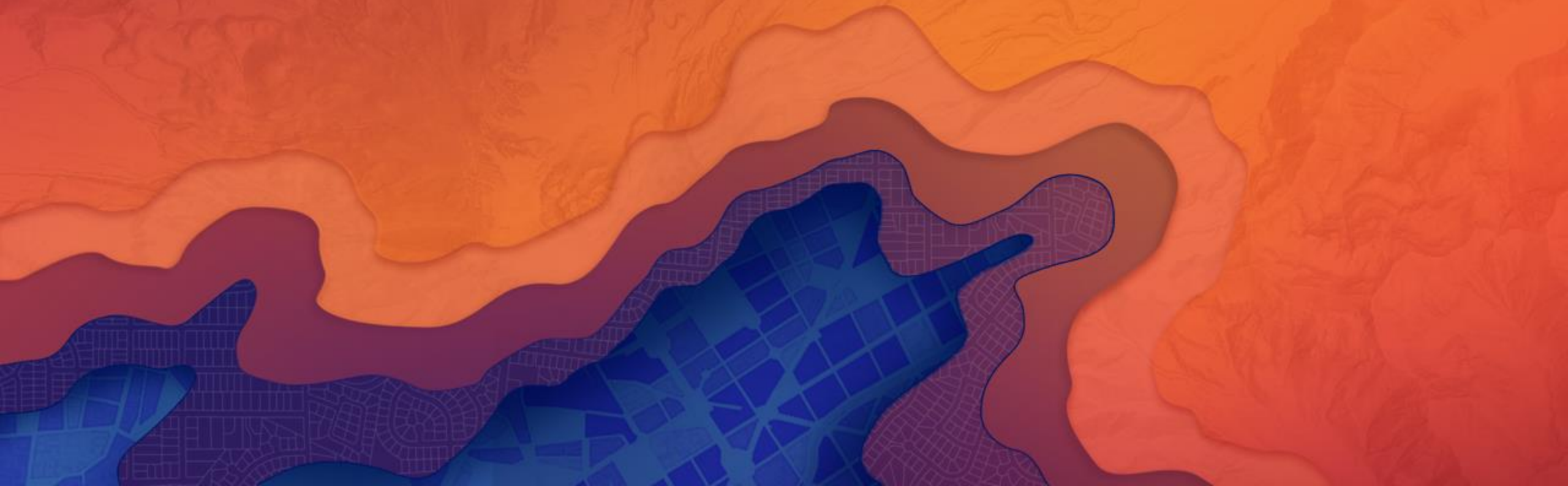
[Launch the Page](#)

Demo of ArcGIS Hub's Open Data Initiative



In summary

> A successful open data strategy...



1. Uses minimal resources and has a minimal impact on information workers

- leveraging ArcGIS for Server and ArcGIS Online
- scripts for automation
- people are important

2. Successfully communicates meaning via data and information

- data quality is critical
- allow as many uses as you can
- data tells stories – bring them to the forefront

3. Engages end users in a sustainable manner

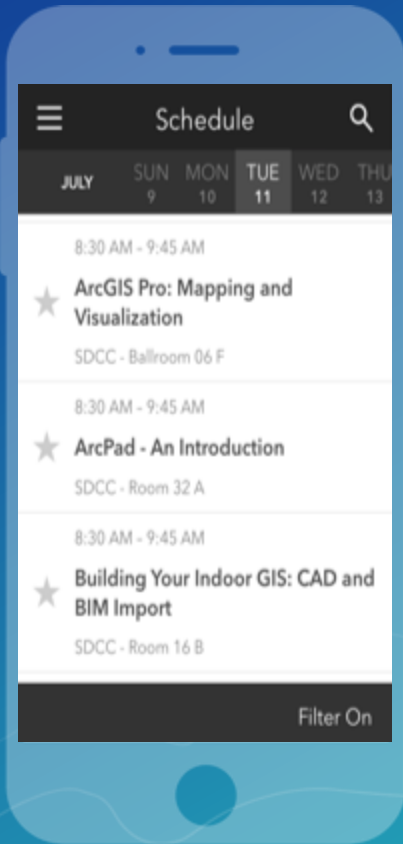
- create a communication space
- leverage surveys for data requests and data collection
- community spotlight

Please Take Our Survey on the Esri Events App!

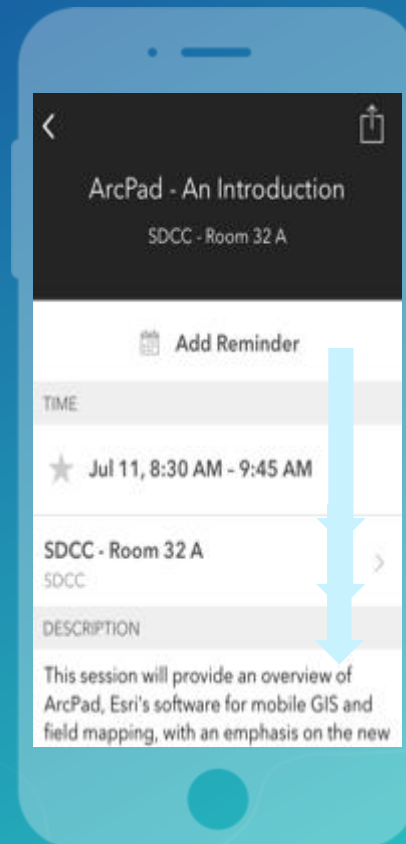
Download the Esri Events app and find your event



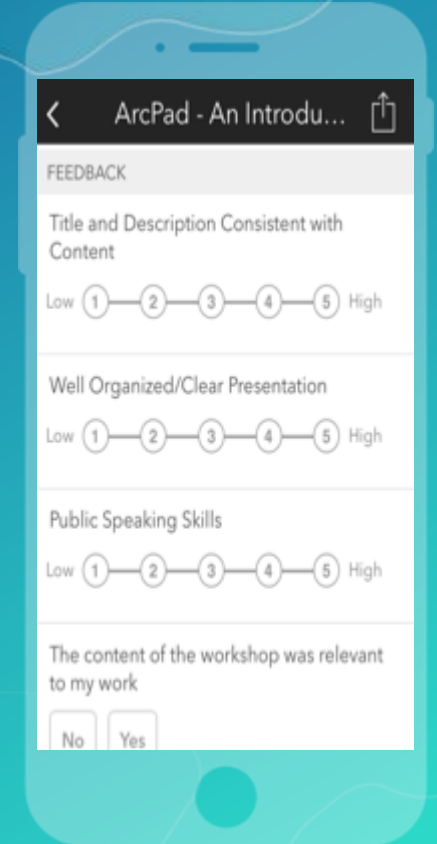
Select the session you attended



Scroll down to find the survey



Complete Answers and Select "Submit"





esri

THE
SCIENCE
OF
WHERE

L.A. GeoHub Ecosystem

Initiative Pages
Focused Collaboration
Rally

Public Engagement Hub
"Open Data 2.0"--Maps, Data & Apps
Engage



The Public

City's Hub and Mapping Platform
Find, Use, Create, and Collaborate
Share & Collaborate

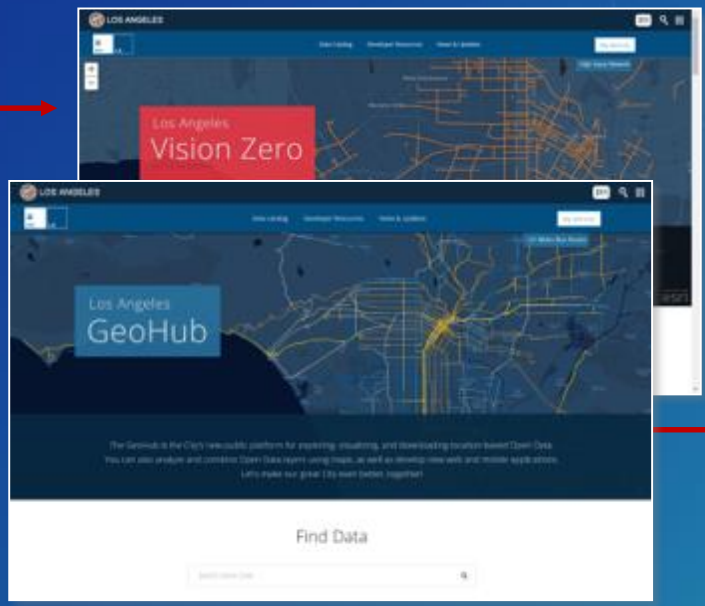


City Employees

GIS Infrastructure
Hosted Services
Departmental Servers or ArcGIS Online
Serve & Power



Bureau of Eng. Bureau of Street Services LA County



Information & Engagement Products

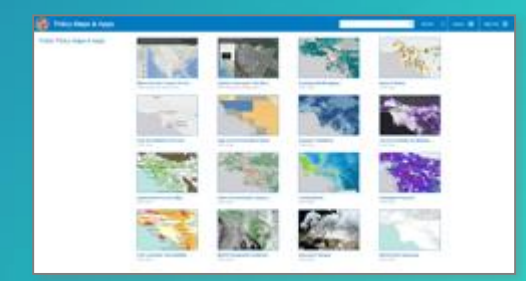
"Open data in action"
Create & Innovate



App Challenge, Coming Soon.



Apps & Maps



Curated Policy Map Gallery