

Rebuilding King County's Open Data Platform for the Cloud Era

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Why? Configurable App retired!

March 2026 ArcGIS
Configurable Apps no longer
available

Original hub sites used this app
KCGIS Open Data ca 2015



King County GIS Open Data
Connecting People to Place
Search for data...

King County GIS CENTER
How to use this site...
Terms and conditions

GIS stands for Geographic Information System. Any data that includes a location component can be GIS data. GIS data is used to make maps and to analyze any body of information for which location is a relevant factor. GIS data can reveal geographically based relationships, patterns, and trends to better understand neighborhoods, communities, or any real-world area and the entities and systems that exist and operate within its boundaries. The applications of GIS data are unlimited.

Explore the data theme categories below or use the search bar above to find data that you're interested in. See visualizations of the data or download it in the formats that best suit your needs.

Explore Data by Category

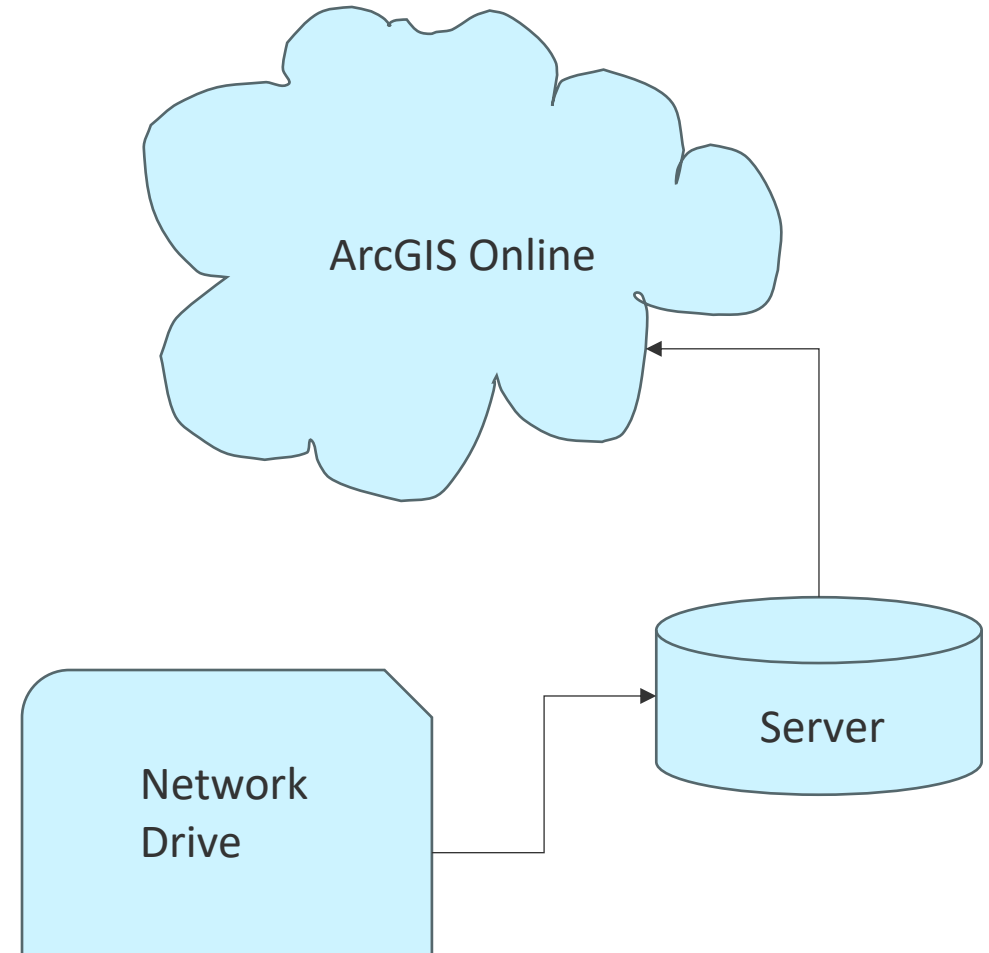
- Administrative
- Census
- Districts
- Environment
- Hydrography
- Natural Resources
- Planning
- Political Boundaries
- Property
- Public Safety
- Recreation
- Survey
- Transportation
- Utilities

Original KCGIS Open Data site

Why? Retiring On-Prem Server!

On premise server hosting Open Data items retiring in June 2026

Legacy (deprecated) Open Data Items in ArcGIS Online point to this source



Back of the envelope legacy KCGIS IT architecture

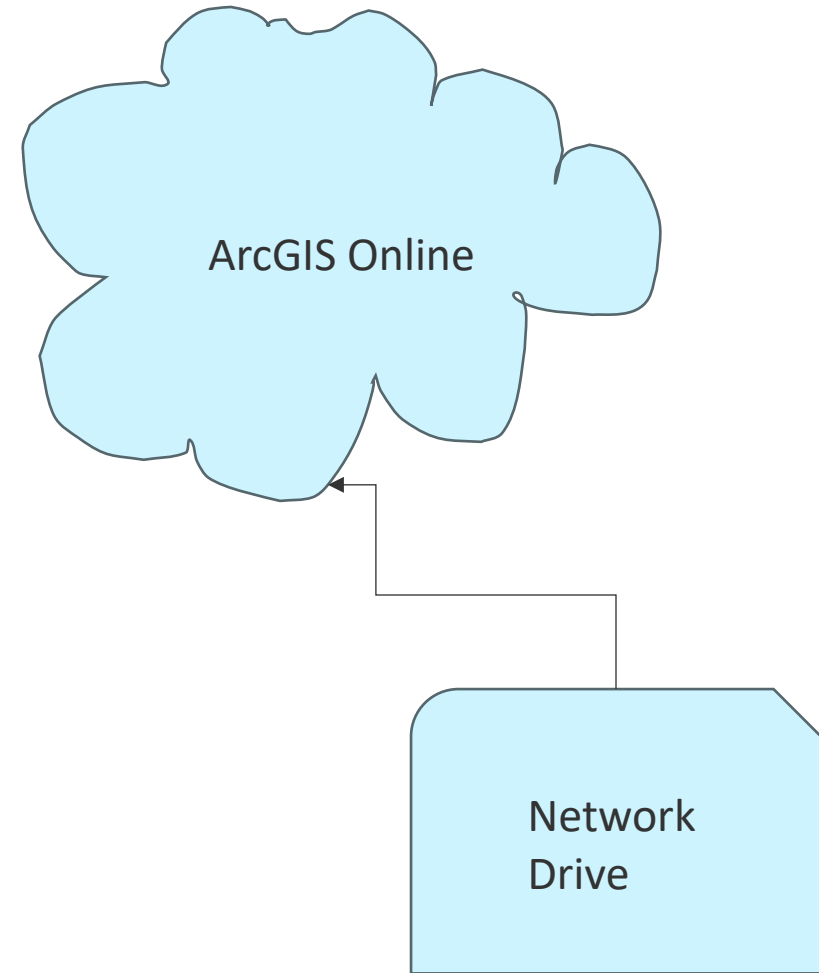
Why? Data Modernization!

Hosting data on ArcGIS Online

Republish data from directly
from network => New URL

Identified as Data Warehouse
items

Public Data Warehouse items
shared to Open Data



Back of the envelope current KCGIS IT architecture

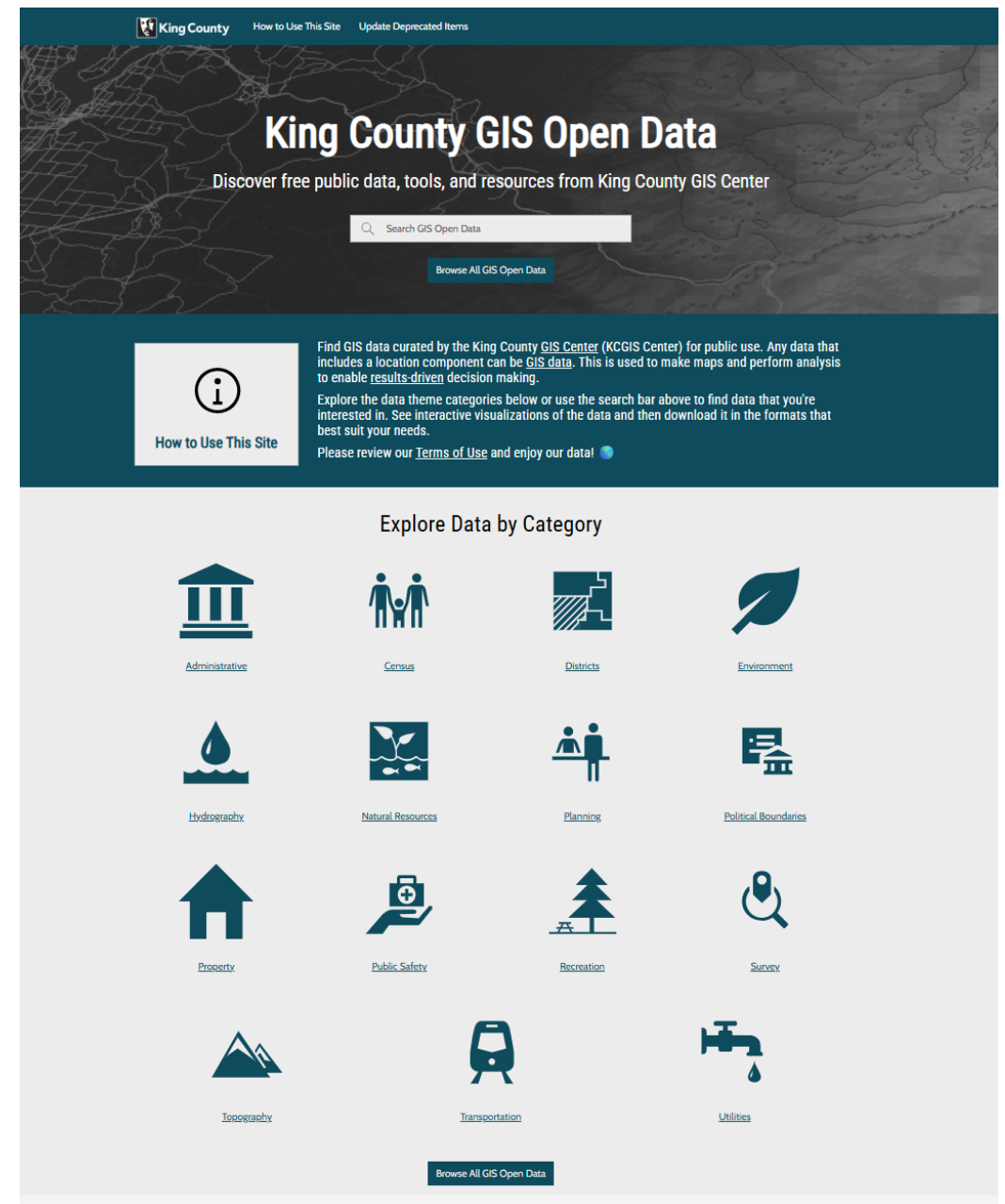
Step 1: Open Data Upgrade!

Created a new ArcGIS Hub Initiative that used existing URL

Continue to use existing Open Data groups with new site

Removed stale content and simplify/streamline site

Accessibility built in



Current KCGIS Open Data site

Step 2: deploy Data Warehouse items!

Open Data Group contains items to be shared with site

- Data Warehouse items shared with this group
- Categories and tags makes data discoverable on Open Data
- Authoritative badge
- Owned by King County
- Geo Jobe Admin Tools for batch updates

The screenshot displays the 'King County GIS Open Data' interface. At the top, there are navigation tabs for 'Overview', 'Content', 'Members', and 'Settings'. Below this is a search bar and a filter section on the left. The main content area shows a table of items with columns for 'Title', 'Modified', and 'Owner'. The items listed are:

Title	Modified	Owner
1992 Metropolitan King County Council Districts	Apr 16, 2026	King County
1992 US Congressional Districts in King County	Apr 16, 2026	King County
1992 Washington State Legislative Districts in King County	Apr 16, 2026	King County
2000 Census Block Group - Centers for water clipped features	Apr 16, 2026	King County

Below the table, the 'Addresses in King County' item is highlighted. It features a thumbnail with the text 'Administrative POINTS' and 'King County Hosted Feature Layer'. The description reads: 'Provide a single source for actual building and structure addresses for King County'. A red circle highlights the 'Authoritative' badge. The item is updated on 'Apr 20, 2026'. Below the item, there are sections for 'Categories' (GIS (Data Warehouse) and Administrative (Data Warehouse)) and 'Owner' (King County).

Step 3: remove Legacy items!

Remove legacy items from Open Data Group

Added them to a separate group not affiliated with a hub site

- Deprecated badge
- Available to public until June 1st
- Note on item details about retirement and redirect to replacement data

The screenshot shows the ArcGIS Open Data Group interface. The top navigation bar includes 'Overview', 'Content', 'Members', and 'Settings'. The main content area displays a list of items under the heading 'Old Open Data Items'. The list has columns for 'Title', 'Modified', and 'Owner'. Three items are visible:

Title	Modified	Owner
Airports in King County / airports_area	Apr 15, 2026	King County Washington
Capacity Charge Customer Service Area / capacitychargecsa_area	Mar 26, 2026	King County Washington
Parcels for King County with Address with P	Mar 26, 2026	King County Washington

The 'Airports in King County' item is selected, and its details are shown below. The item is marked as 'Deprecated' with a red circle around the badge. The description section contains a 'Deprecation Warning' that is also circled in red:

Deprecation Warning: On June 1 2026, this item will no longer be available. The item has been transitioned to a hosted feature layer at: [Airports in King County - Overview](#).
For more information on transitioning layers visit: [Update Deprecated Items | King County GIS Open Data](#)

Below the warning, there is a link to the GIS Data Catalog and a note about airport features for King County.

Step 4: Communication Strategy!

Retirement note on Item Details page

King County employee 'office hours' sessions

Announcements through email, coaching teams, user groups, conferences

Direct outreach to KC users

Page on Open Data site

Blog post

King County How to Use This Site Update Deprecated Items

Update Deprecated Items

Learn how to replace deprecated items with authoritative content in your maps and applications.

[HOME](#) / UPDATE DEPRECATED ITEMS

Jump to section:

- Updated Titles
- Replace ItemIDs
- Replace ServiceURLs

Why is this happening?

The King County GIS Center is in the process of completely revamping how we offer our data to you. As part of this process, we've moved our data from on premise hosting on ArcServer to ESRI's ArcGIS Online platform. Unfortunately, that means that if your Maps or Apps are referencing our legacy Open Data items, you'll need to replace that reference and point them at our new Cloud-hosted data. To make this transition as straightforward as possible, we've created this page as a crosswalk between our legacy data and current data.

All the items that you can access on the GIS Open Data site are the new data, so you can update your projects now. The legacy data has been unlisted as of the beginning of 2026, but it's still public on ArcGIS Online so as not to break your apps. We intend to retire our legacy data at the beginning of June, so please use the tables and information below to make the transition. If you run into problems, please contact us for help at giscenter@kingcounty.gov.

Source
[Feature service](#)

URL

Source
[Feature service](#)

URL

Challenges!

Large data sets don't render at full extent in Pro (Parcels zoomed out to KC level)

Not all download options work for large datasets

Hub Site gives a “map first” view.

Provide access to a GIS Data Catalog “metadata first” view.

The screenshot shows the King County GIS Data Catalog interface. At the top, there is a search bar and navigation links for "How to Use This Site" and "Update Deprecated Items". Below the search bar, there are filters for "Collections" (All content (451), Data (438), Documents (13), Apps & Maps (0)) and "Location". A map shows the search results for "451" in King County. The main content area displays two dataset cards: "Elevation Contour Lines for King County - 5 Foot Contours" and "Addresses in King County".

GIS Data Catalog

Search the metadata of the GIS datasets that the King County GIS Center supports and publishes. [GIS Data Sources](#)

Filter By

Datatype Agency Subject

FILENAME	TITLE	UPDA
aarroutes line	Adopt-a-Road Routes	2026-
activity point	King County Parks Activity Point	2024-
activity site area	King County Parks Activity Site	2017-C
ada ramp point	ADA Ramps maintained by King County Road Services	2026-
addr sitetype lut	Look Up (Decode) table for ADDRESS_POINT sitetype ITEM	2013-C
address point	Addresses in King County	2026-
adverse weather districts area	Metro Adverse Weather Districts in King County	2013-C

The Future!

AI Assistant for Hub Sites

Exploring option of one Open Data site for King County that will include spatial and non-spatial data.



Demo!

Try it for yourself:

<https://gis-kingcounty.opendata.arcgis.com/>



Questions?



Huge thank you to KCGIS Center team members for making update to KCGIS Open Data possible.



King County

Department of Information Technology

