HUD eGIS Storefront
by Todd McNeil, Geographer

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What is eGIS?

Shared Service across the agency

• Enterprise means it’s a service for the agency
• Benefits all program areas that have a need for geospatial services

What we do

• Publish and maintain HUD’s geospatial data
• Design and build geospatial solutions
• Conduct geospatial analyses

Why we do it

• Geospatial technology is essential to HUD’s work.
• Increased demand over the last several years
The Storefront

What is the Storefront?

• Provides a single site for HUD staff, grantees, researchers and the public to find HUD geospatial data and applications

Benefits

• Streamlines the discovery of HUD geospatial tools and data
• Provides a single, authoritative source for data
• Makes HUD geospatial data available in non-proprietary format

What is it replacing?

• Duplicate hosting of HUD geospatial assets
  • EGIS portal http://egis.hud.gov
  • Geospatial Data Resources page http://www.huduser.gov/portal/dataset/s/gis/spatial.html
The Storefront: eGIS Application Portal

http://egis.hud.gov
The Storefront: Geospatial Data Resources

http://www.huduser.org/portal/datasets/gis/spatial.html

HUD Geospatial Data and Map Services

The spatial component of our housing stocks and programs can be currently accessed through the use of file geodatabases and map services. HUD’s file geodatabases (FGDBs) were created in ESRI’s ArcGIS Desktop 10 and contain metadata using the ISO 19136 metadata specification. Users can download these FGDBs and access them with ArcGIS Desktop 10. For many of these files, raw data files are available on our HUDUSER data sets page.

HUD’s Map Services are published in 3 standard formats – GeoServices Representational State Transfer (REST), OpenGIS Web Map Service Interface Standard (WMS), and Keyhole Markup Language (KML). Users can access these map services with a variety of GIS and mapping tools including Google Earth, ArcGIS.com, ArcGIS Explorer Online, and ArcGIS Desktop. HUD map services can also be incorporated into a variety of custom built, web-based geospatial applications because they are published using standards established by the Open Geospatial Consortium (OGC). Visit the Help page for detailed instructions on how to access the web services.

### HUD Geospatial Data and Map Services

<table>
<thead>
<tr>
<th>Service Name</th>
<th>FGDB</th>
<th>REST</th>
<th>OGC WMS</th>
<th>KML Server</th>
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<td>Fair Market Rents</td>
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<td>HUD MSP Target Area and Activities</td>
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The Storefront: Demo

http://www.huduser.org/portal/egis/index.html
The Storefront: Geospatial Data

1-10 of 10 results

Public Housing Authorities (from HUD Open Data)
Shared by HUD. Official Contact on April 30, 2015. Updated 4 days ago.
Public Housing was established to provide decent and safe rental housing for eligible low-income families, the elderly, and persons with disabilities. Public housing comes in all sizes and types, from scattered single family houses to high-rise apartment buildings for elderly families. There are approximately 1.2 million households living in public housing units, managed by some 3,300 housing agencies (HAAs). HUD administers Federal aid to local HAs.

Public Housing Developments (from HUD Open Data)
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Housing Choice Vouchers by Tract (from HUD Open Data)
The U.S. Department of Housing and Urban Development (HUD) Housing Choice Voucher Program (HCVP) is the federal government’s major program for assisting very low-income families, the elderly, and the disabled to afford decent, safe, and sanitary housing in the private market. Since housing assistance is provided on behalf of the family or individual, participants are able to find their own housing, including single-family homes, town...

Low Income Housing Tax Credit Properties (from HUD Open Data)
Shared by HUD. Official Contact on April 30, 2015. Updated 4 days ago.
The Low Income Housing Tax Credit (LIHTC) is the most important resource for creating affordable housing in...
The Storefront: eGIS Applications
The Storefront: eGIS API and Metadata Documentation

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  - Fair Market Rents
  - CDBG Grantee Areas
The Storefront: More Information

HUD eGIS Storefront URL
• http://www.huduser.org/portal/egis/index.html

Email questions to the HUD eGIS Team @
• gishelpdesk@hud.gov