

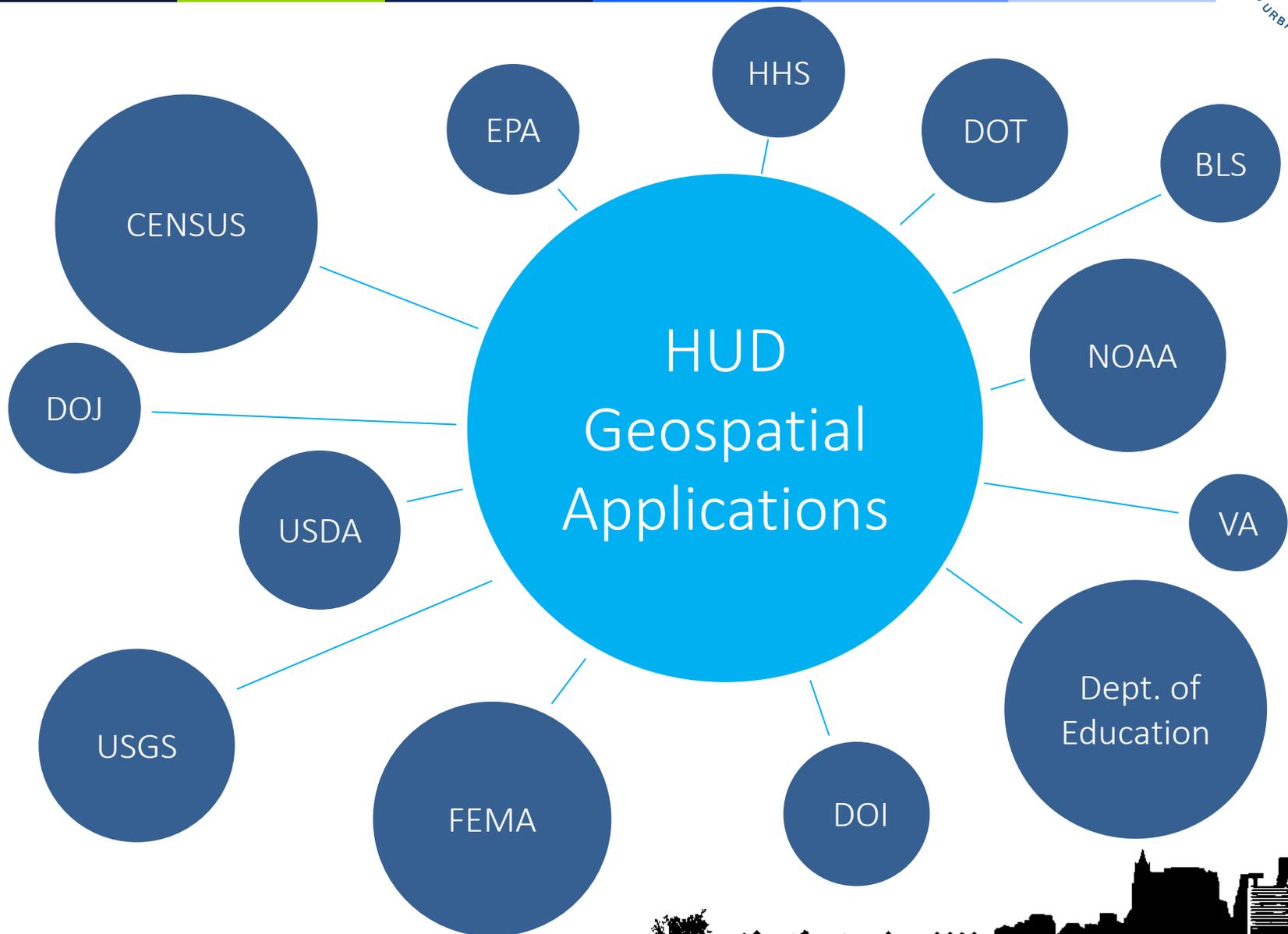


HUD eGIS PROGRAM BRIEFING

FGDC MAY 12TH 2015

ROB RENNER & JON SPERLING

HUD is a data consumer



The Geocoding Service Center & Batch Geocoder



Wednesday, May 06, 2015
Quick Links

Home About HUD Pay and Benefits Services Emergencies and Security Computers and Technology News Library

Geocoding Service Center (GSC)

Geocode Service Center (GSC) provides Address validation and Geocoding support including specialized HUD codes such as Unit of Government (UoG), HUD Locality Codes (HLC), PD&R Underserved Mortgage indicators, etc. These activities lay at the foundation of HUD Address Data Quality (ADQ) and are a prerequisite for effective use of advanced graphical mapping systems.

GSC can assist with technical development and customized processing in all HUD online, batch, client/server and database environments. Please explore this GSC web site to find out more about how GSC can assist with address management, geocoding and data quality!

About GSC

- Brief description of GSC Activities, GSC Information and frequently asked questions.
- GSC Address Validation & Coding Resources
- GSC functional capabilities in an interactive web-enabled environment.
- GSC Status & Metrics
- Current configuration information and some operational metrics
- Geographic Information (G) Links
- Useful and open source links, references and resources related to Geographical Information Systems (GIS).

Batch Geocoder Home Dashboard Help

Home

Program Office :

PD&R *

Purpose :

GIS Mapping/Analysis *

Office Type :

Headquarters *

Description :

_____ *

_____ *

_____ *

Submit

ur input file

ormation or credit/debit card numbers that could be linked to an individual.

Batch Geocoder Home Dashboard Help

Dashboard

79

Jobs Processed

6731527

Records Processed

9

Unique Users

Program Office : Select | **Purpose :** Select | **Office Type :** Select | **Date Range :** April 7, 2015 - May 6, 2015

Jobs, Records & Users By Day (Filtered)

All Jobs | Processed - Grouped by Program Office

Jobs Data (Filtered)

The HUD eGIS program



HUD eGIS background

- Shared service that provides program offices with geospatial data, services and mapping applications
- Enterprise-level coordination



HUD programs have common need for geospatial capabilities

- Nearly all Department activities are “place-based.”
- Geospatial technology enables visualization and analysis of HUD program performance and trends in housing and community development, improving management capabilities and mitigating risk.



HUD needs to strategically manage and leverage its portfolio of geospatial tools

- Migrating GIS data and applications into a standard, scalable platform improves data quality, fosters collaboration and reduces duplicative investment.
- A common application codebase allows for IT efficiencies.

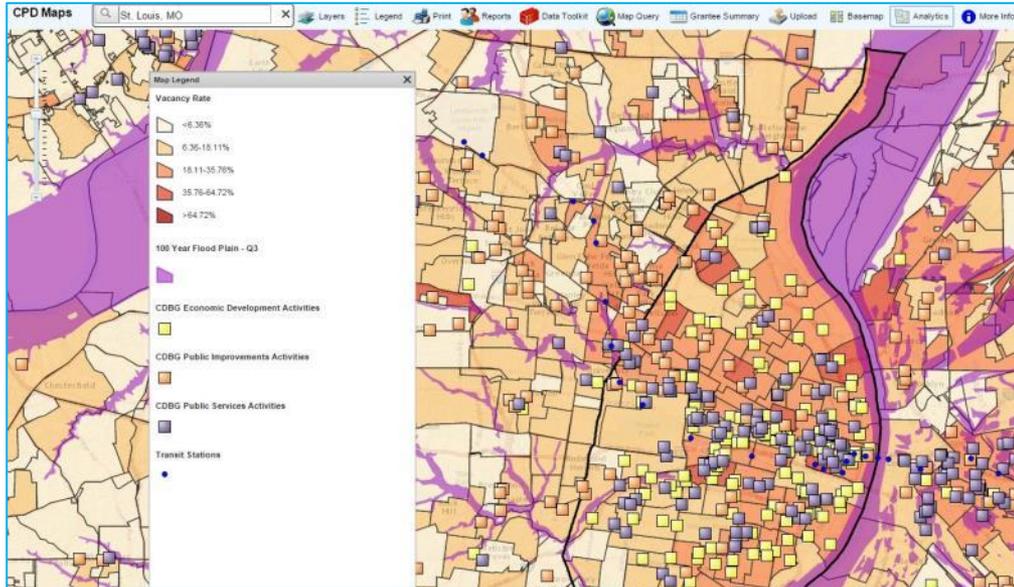


EGIS modernization follows guidance from the White House

- Open GIS data is essential to meeting our Digital Strategy and A-16 requirements.
- HUD’s Sandy Map was the most viewed dataset on data.gov in 2014!



CPD Maps



Agency Datasets



Dept. of Transportation



Census Bureau



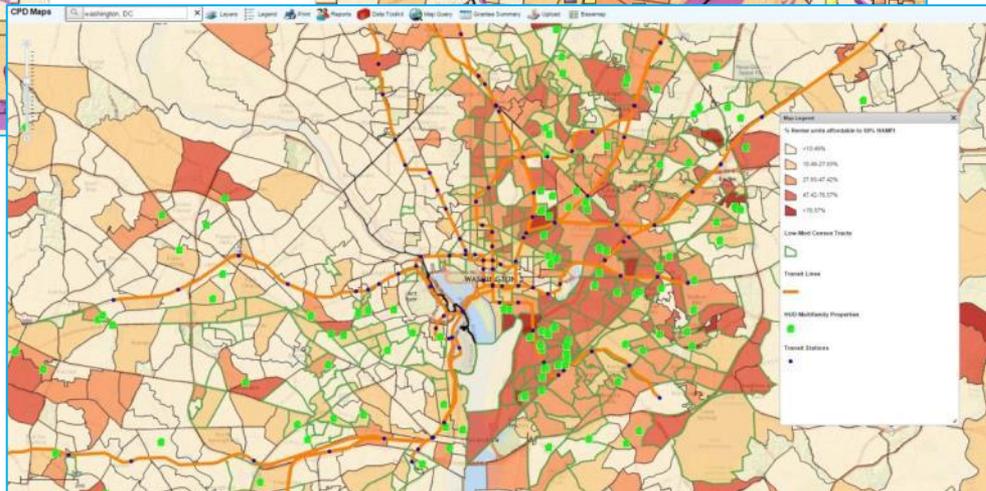
FEMA



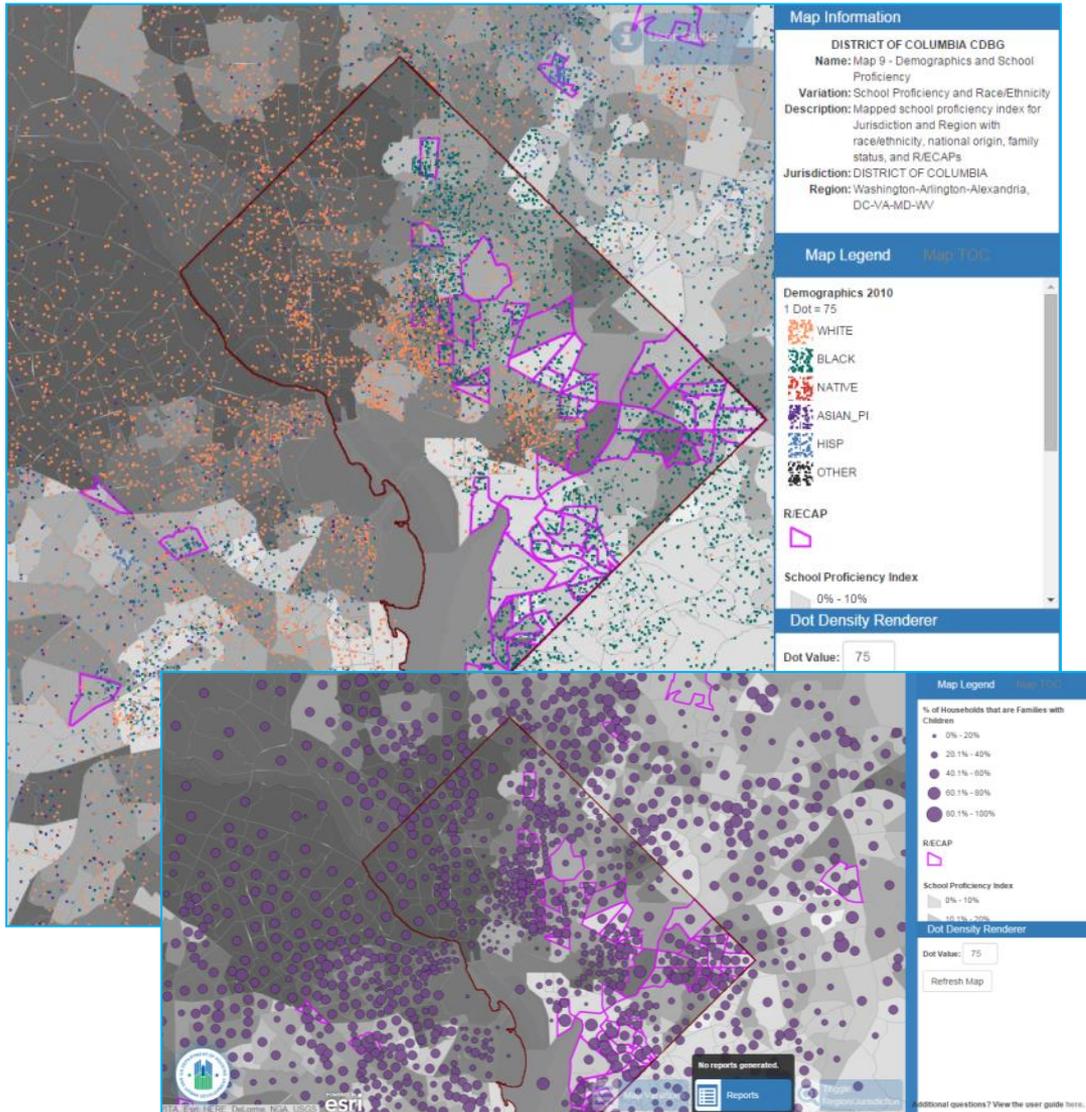
Dept. of Agriculture



EPA



Affirmatively Furthering Fair Housing Tool (AFFHT)



Agency Datasets



Census Bureau



Bureau of Labor Statistics



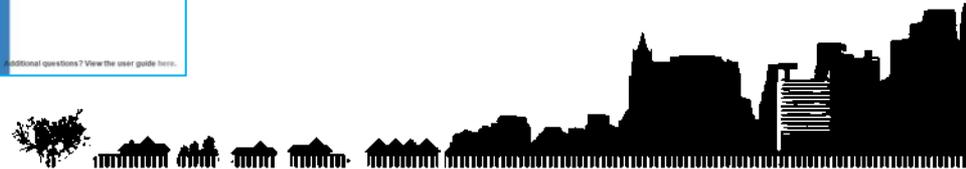
Dept. of Transportation



EPA



Dept. of Education



Location Affordability Index (LAI)



Agency Datasets



Dept. of Transportation



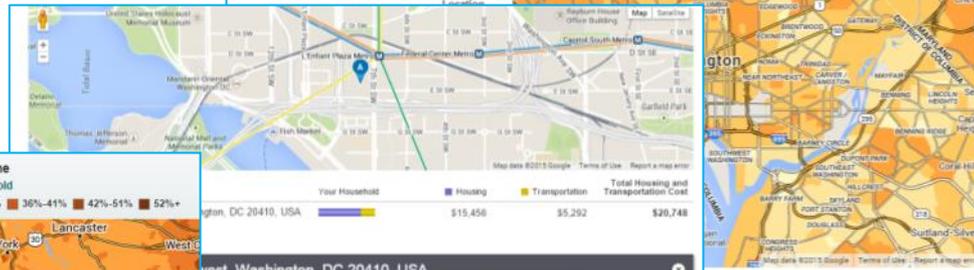
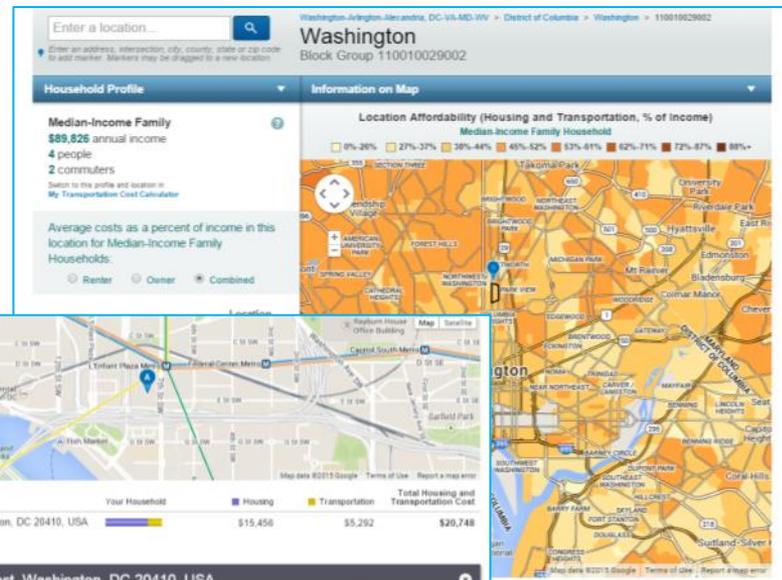
Bureau of Labor Statistics



Census Bureau

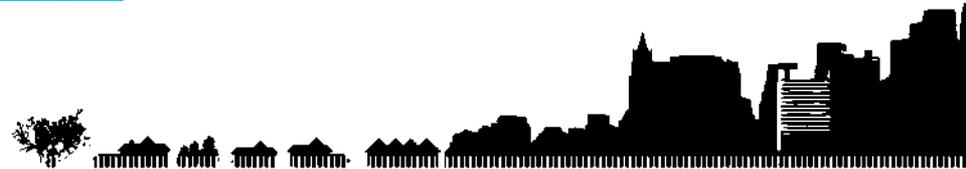
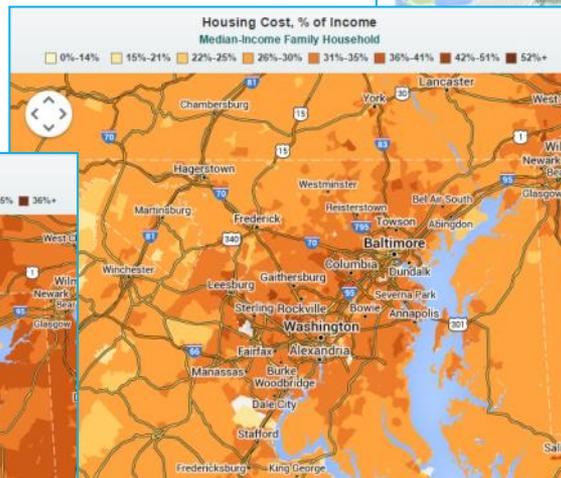
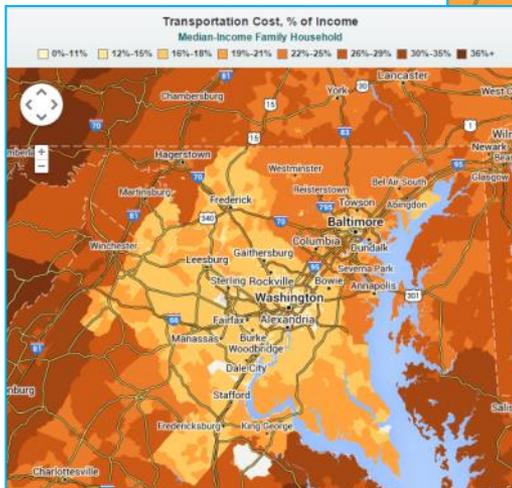


EPA



West, Washington, DC 20410, USA

	Similar Household	Your Household
Annual Household Costs	\$4,332	\$3,516
Vehicle Ownership Cost	\$1,692	\$1,272
Vehicle Usage Cost	\$468	\$504
Total Transportation Costs	\$6,492	\$5,292
Total Housing Costs	\$15,456	\$15,456
Total Housing and Transportation Costs	\$21,948	\$20,748



HUD Resource Locator



Layers

Background
Light Gray Canvas

Layers
Additional resources

HudResourceLocator

- HUD Offices
 - Field
 - Headquarters
 - Regional
- Public Housing Authorities
 -
- Multifamily Properties - Assisted
 -
- Low Income Housing Tax Credit Properties
 -
- USDA Rural Housing
 -
- Public Housing Buildings
 -
- Public Housing Developments
 -

1 / 1

Multifamily Housing (Low Income, Elderly, and Special Needs Housing)

TEL COURT COOPERATIVE *
 34 O St SW
 Washington, DC 20024
[202-488-0552](tel:202-488-0552)

Management Company: Vision Realty Management Company
 Management Contact: Sam Lowery
 Management Address: 6325 Woodside Court, Suite 230
 Management Address: Columbia, MD 21045
 Management Phone: [\(301\) 596-4500](tel:3015964500)
 Management Email: slowery@visionrealtymgt.com

Total Units:
(Figures below do not indicate vacancies)

Efficiency

- 1 Bedroom
- 2 Bedroom
- 3 Bedroom
- 4 Bedroom
- 5 Bedroom

Help / FAQ

HUD RESOURCE DIRECTORY:

HUD Field/Regional Offices

If you have any questions about any resources, you can call the Field or Regional Office. During business hours, you can call the Field or Regional Office in every State and a total of 10 Regional Offices. Each HUD Field Office is managed by a Field Office Director who reports to a Regional Administrator who oversees the Region.

[More Info...](#)

Public Housing Authority (PHA)

Agency Datasets



Dept. of Agriculture



HUD GIS Maps



Agency Datasets



NOAA



DOI



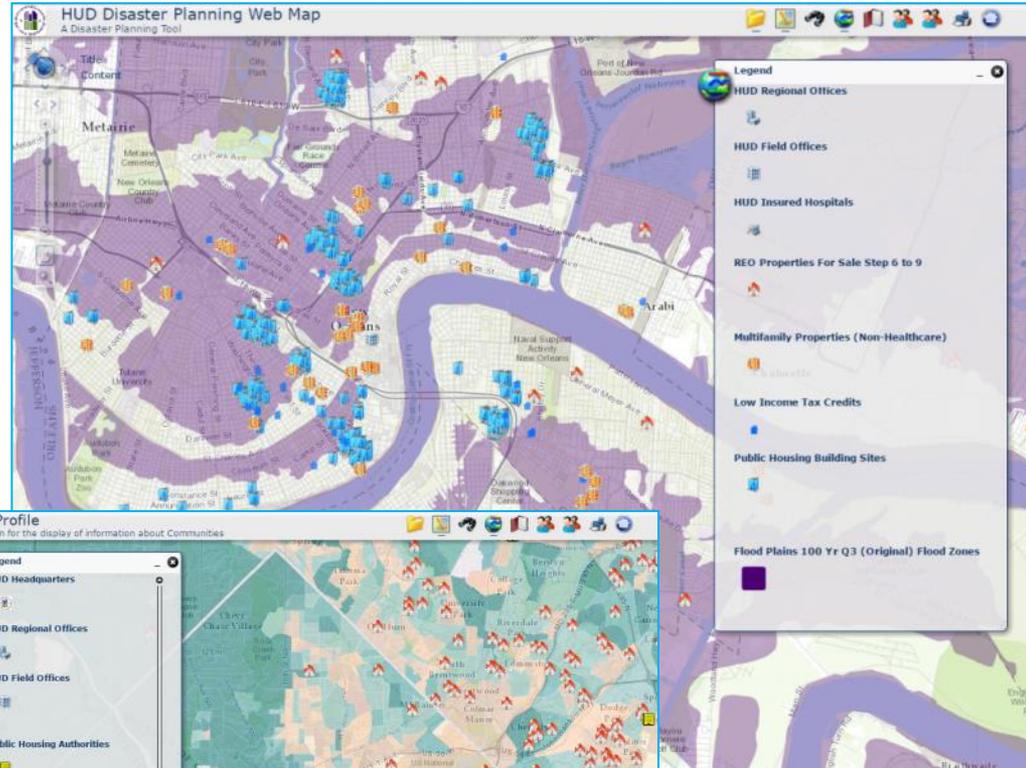
FEMA



USGS



EPA

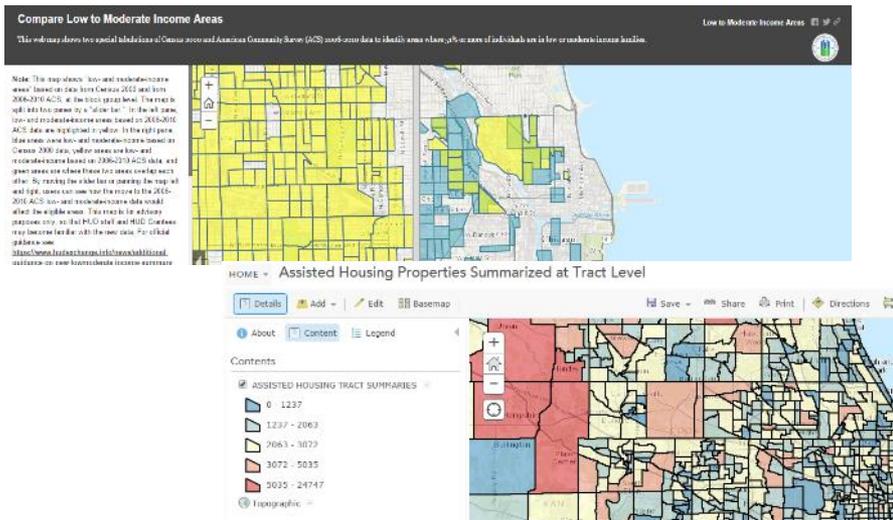


HUD ArcGIS Online usage

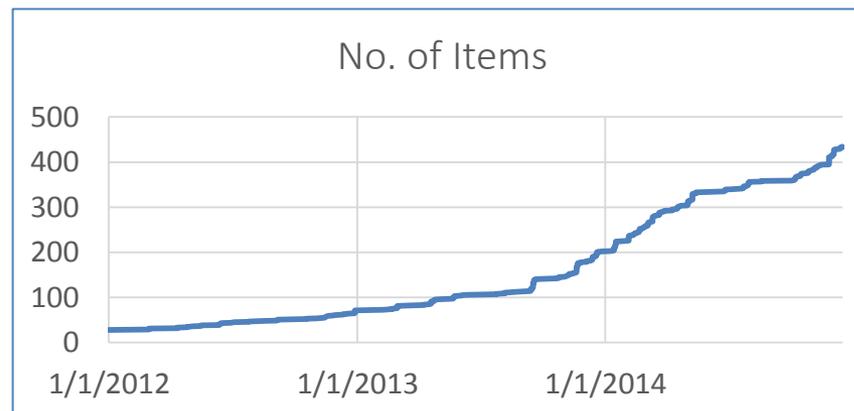
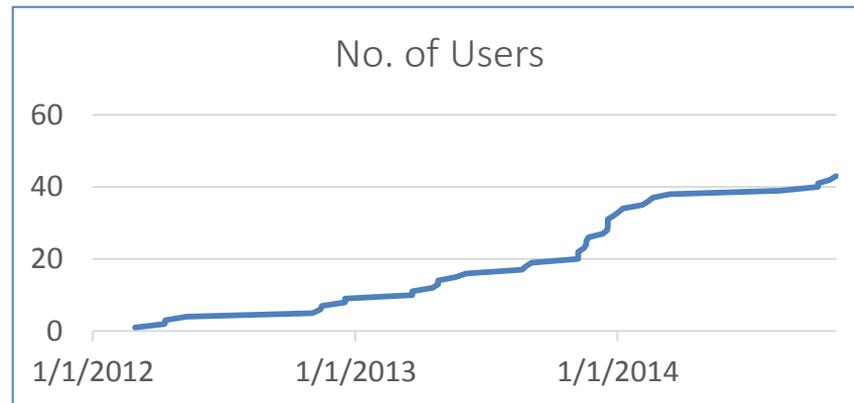


Impact

- More HUD staff using GIS
- Better communicate information to HUD staff and grantees
- Rapid publication of HUD data
- Enable outputs like the Sandy Map
- ArcGIS Online Open Data capabilities
- Map Stories



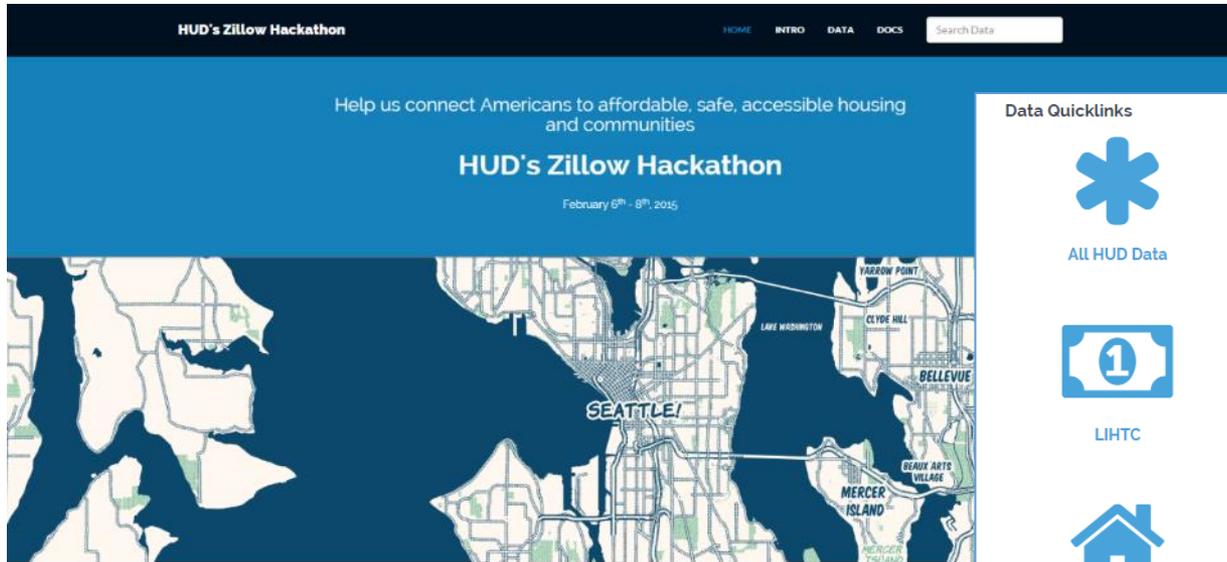
ArcGIS Online Stats



How we used Esri's Open Data for a hackathon



A Website



Datasets

Data Quicklinks

- All HUD Data
- Fair Market Rents
- HCV By Tract
- LIHTC
- Multi-Family Properties
- Public Housing Authorities
- Public Housing Buildings
- Public Housing Developments
- Location Affordability Index

Presentations

My Transportation Cost Calculator

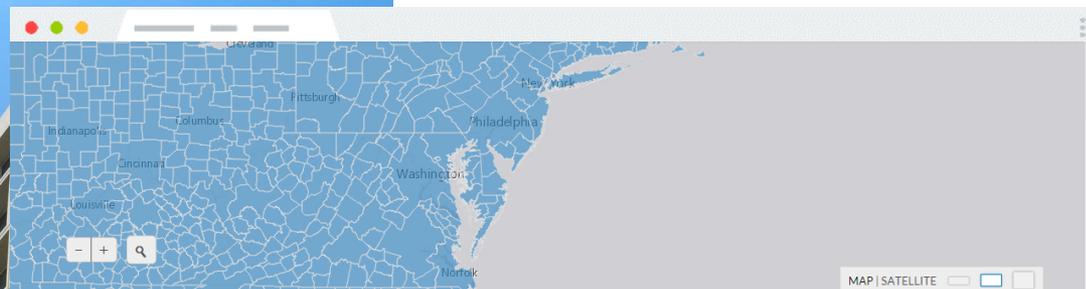
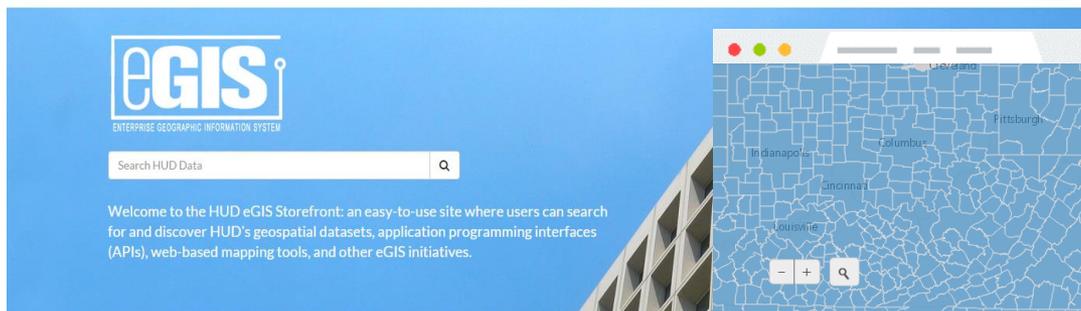
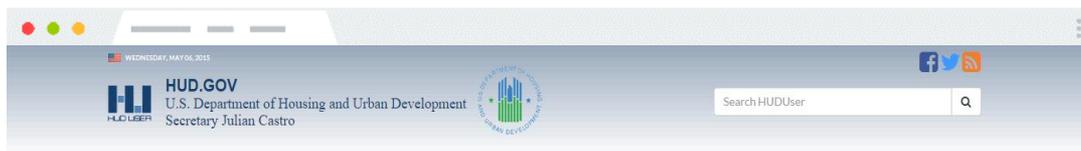
Average costs as a percent of income in this location for Median-Income Family Households:

Renter Owner Combined

Housing	Transportation	Location Affordability
29%	17%	46%
\$19,557	\$11,464	\$31,021

Location Affordability Index Deep Dive

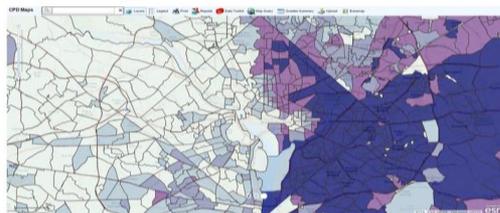
The newly minted eGIS Storefront



HUD Geospatial Data



eGIS Applications



CPD MAPS
Identify your community's needs through mapping current grant activities, local housing market and economic data, Census data, and other data sources, and see homeless grant planning data.

CPD's Mission
The Office of Community Planning and Development (CPD) seeks to develop stable communities by promoting integrated approaches that provide decent housing, a suitable living environment, and expand economic opportunities for low and moderate income persons. The primary means towards this end is the development of our territories across all levels.

Application Details
Created: April 18, 2014
Updated: March 1, 2015
Categories: CPD, Maps Analysis
Website: <http://egis.hud.gov/cpdmaps/>

Fair Market Rents

[OPEN IN ARCGIS](#) [SHARE](#) [SUBSCRIBE](#) [Download Dataset](#)

[Details](#) [Table](#) [Charts](#)

DESCRIPTION

Learn about the Individual FMR Area Information for Fiscal Year 2013, view the documentation at the following website: <http://www.huduser.org/portal/datasets/fmr/fmrs/docsys.html>

ABOUT

HUD Open Data
By HUD.Official.Content on April 30, 2015
Updated: 6 days ago

Source [http://services.arcgis.com/VTyQ9soqVukaltT/Metadata/Fair Market Rents](http://services.arcgis.com/VTyQ9soqVukaltT/Metadata/Fair%20Market%20Rents)
Licensing No license specified

TAGS

S
min: 310 max: 1,269 avg: 484.83 count: 2,572
Abbeville County, SC (1), Abilene, TX MSA (1), Acadia Parish, LA (1), Adams County, VA (1)



Opportunities for Collaboration



- Federal Geospatial Platform
- Climate Change/Resilience initiatives
- NGDA
- National Civic Day of Hacking Event
- HUD Housing Resilience Hackathon
- Webinars, trainings and other outreach events

