HUD is a data consumer

HUD Geospatial Applications

- CENSUS
- EPA
- HHS
- DOT
- BLS
- NOAA
- VA
- USDA
- USGS
- FEMA
- DOI
- Dept. of Education

U.S. Department of Housing and Urban Development | Office of Policy Development and Research
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!
The Geocoding Service Center & Batch Geocoder
Location Affordability Portal

Agency Datasets

Dept. of Transportation

Bureau of Labor Statistics

Census Bureau

EPA

[Images and maps related to location affordability]

U.S. Department of Housing and Urban Development | Office of Policy Development and Research
Affirmatively Furthering Fair Housing Tool (AFFHT)

Agency Datasets

- Census Bureau
- Bureau of Labor Statistics
- Dept. of Transportation
- EPA
- Dept. of Education
HUD Resource Locator

Agency Datasets

Dept. of Agriculture
Community Assessment Resource Tool (CART)

Agency Datasets

Census Bureau
CPD Maps Enhancement (Housing Market Index and Analytics)
The eGIS Storefront

Welcome to the HUD eGIS Storefront: an easy-to-use site where users can discover HUD’s geospatial datasets, application programming interface mapping tools, and other eGIS initiatives.

Contents
- eGIS API
  - Introduction
  - Example Queries
  - Query Parameters
- Metadata
  - Public Housing Developments
  - Public Housing Authorities
  - Public Housing Buildings
  - Location Affordability Index
  - Low-Income Housing Credit (LIHTC)
  - HCV By Tract
  - Fair Market Rents
  - CDBG Grantee Areas
  - FHA-EE REO Properties for Sale

- CDBG Grantee Areas
- Fair Market Rents
- Low Income Housing Tax Credit Properties
- Public Housing Authorities

- HUD Insured Multifamily Properties
- Housing Choice Vouchers by Tract
- Public Housing Developments
- Many more...
Areas for Continuing Cross-Agency Collaboration

- Shared data and services – data.gov, geospatial platform, geocoding
- Common Platform for Climate Change/Resilience Initiatives
- National Geospatial Data Assets? Where does HUD belong?
- National Address Database – Linking Administrative and Survey Data
- National Parcel Database
  Feasibility of Developing a National Parcel Database Study commissioned by HUD.
- Webinars, trainings and other outreach events