

# UDS Mapper Mobile: Health Policy on the Go

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# What is the UDS Mapper?

- An online mapping tool developed by the AAFP's Robert Graham Center, as part of the *HealthLandscape* mapping platform
- Provides access to maps, data, and analyses developed for the Bureau of Primary Health Care by John Snow, Inc. (JSI) using UDS and other relevant data to visualize service area information for Health Center Program (HCP) grantees and look-alikes
- Compares HCP grantee and look-alike data to community/population data and shows spatial relationships between the program, community attributes and other resources

# Background:

## History of the UDS Mapper

- Developed in 2010 by the AAFP's Robert Graham Center, as part of the *HealthLandscape* online mapping platform
  - Funded by the Health Resources and Services Administration (HRSA)
  - Based on formulas and reporting methods developed by John Snow, Inc. (JSI)
- Originally created to assist federal project officers to analyze health center service area overlap
- Audience and functionality expanded to allow health centers and grant-seeking entities to understand the safety-net environment in their service area

# Background:

## How can the UDS Mapper be used?

- The UDS Mapper has become an essential tool for:
  - planning
  - grantwriting
  - service area definition and analysis
  - community health needs assessments
- Since launching in 2010, the UDS Mapper user base has grown to more than 8,000 registered users
  - 50% from health centers
  - The other half includes users from:
    - Primary Care Associations and Primary Care Offices
    - HRSA and other federal agencies
    - State or local government
    - Rural Health Clinics, hospitals, others

# Who Can Use the UDS Mapper?

- The UDS Mapper is open to everyone, not just Health Center Program grantees and look-alikes
- To begin using the UDS Mapper all you have to do is register for a username and password at **[www.udsmapper.org](http://www.udsmapper.org)**
- More than one person from an organization CAN have a login for the UDS Mapper

# Going Mobile

- Move to tablets and other portable electronic devices
- Not all functionality makes sense in a mobile translation
- Basic need: A way to make a case when out and about
  - Asking for funding
  - Talking to community leaders/elected officials
  - Congressional reps
- This is who we are, and these are our patients

# Data in the UDS Mapper- UDS 2013

Data	Where these data are used
<ul style="list-style-type: none"><li>Patients by ZIP Code table</li></ul>	<ul style="list-style-type: none"><li>Explore Service Area Tool (Pop-Ups and Data Table)</li><li>Main Maps</li><li>View Analysis Results</li></ul>
Grantee-level counts or percentages of : <ul style="list-style-type: none"><li>Patient Demographics</li><li>Patient Characteristics</li></ul>	<ul style="list-style-type: none"><li>Explore Service Area Tool</li></ul>

# Geography of the UDS Mapper

- Health Centers report patients by ZIP Code
  - ZIP Codes are an unreliable geography
- Data in the UDS Mapper are mapped by ZCTA (2010)
- What is a ZCTA?
  - ZIP Code Tabulation Area- an approximation of ZIP Codes from the US Census Bureau



# Population Data in the UDS Mapper

Data	Where these data are used
<p>American Community Survey Population Demographics</p> <ul style="list-style-type: none"><li>• Total Population Count</li><li>• Poverty and Low Income</li><li>• Race/ Ethnicity</li></ul>	<ul style="list-style-type: none"><li>• Explore Service Area Tool (Pop-Ups and Data Table)</li><li>• Main Maps</li><li>• View Analysis Results</li></ul>

# Calculated Data in the UDS Mapper

Data	Where these data are used
<ul style="list-style-type: none"><li>• Penetration rates (total population and low income population)</li><li>• Low income not served (number and dot density)</li><li>• Change in patient usage of health centers (1-year and 2-year)</li></ul>	<ul style="list-style-type: none"><li>• Explore Service Area Tool (Pop-Ups and Data Table)</li><li>• Main Maps</li></ul>

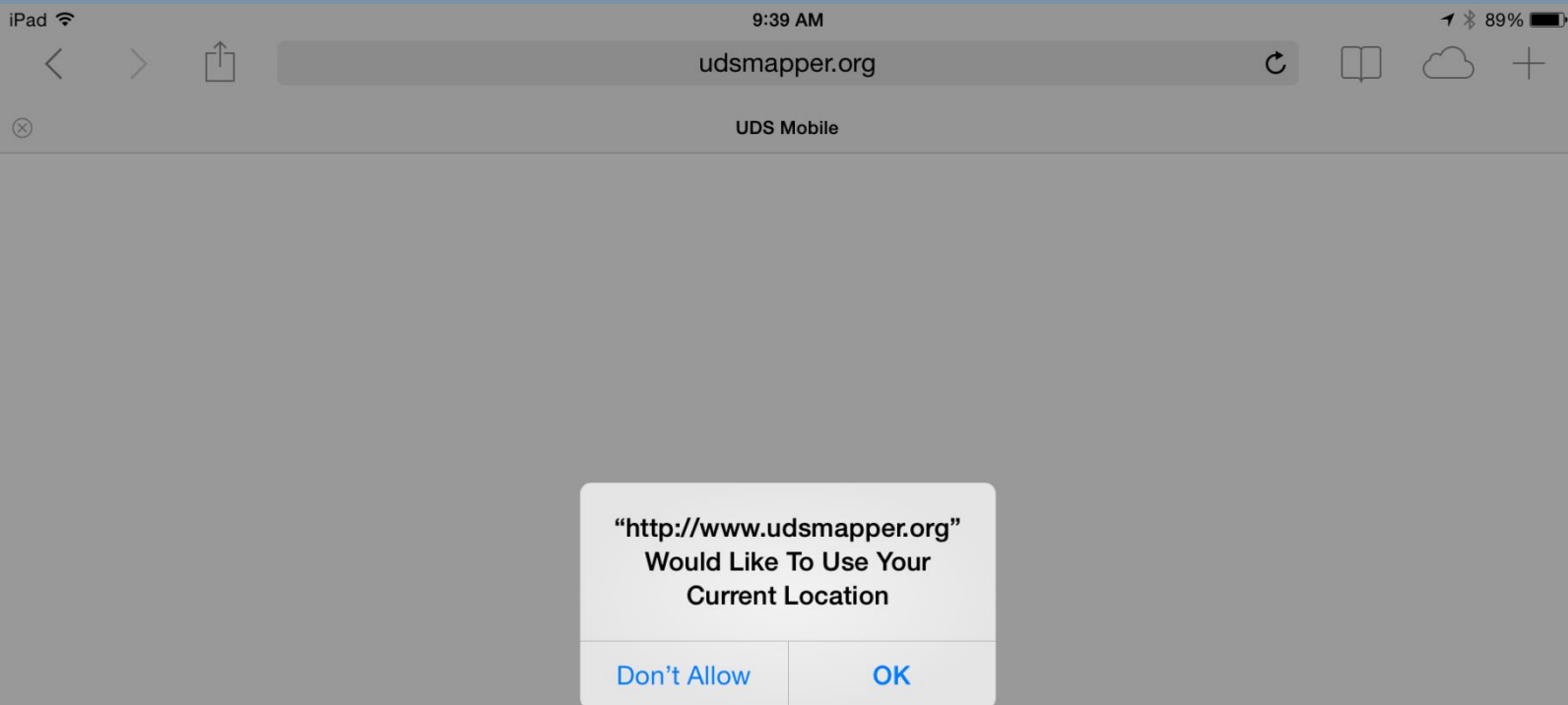
# Data in the UDS Mapper- HRSA Data Warehouse

Data	Where these data are used
<ul style="list-style-type: none"><li>• HCP Grantees and Look-Alikes</li><li>• HCP Grantee and Look-Alike Service Access Points</li><li>• Rural Health Clinics</li><li>• National Health Service Corps (NHSC) Sites</li><li>• Facility and Point HPSAs (CHCs, HCP-LAs, RHCs, and <u>tribal organization facilities</u>)</li><li>• Hospitals</li><li>• Medically Underserved Areas/ Populations</li><li>• Health Professional Shortage Areas (Primary Care)</li></ul>	<ul style="list-style-type: none"><li>• Explore Service Area Tool</li><li>• Basemaps and Optional Layers</li></ul>

# Data Considerations

- ZCTAs
  - Changing/evolving ZIP Code boundaries
- Patient Data
  - From the Uniform Data System
    - Health Center Program grantees and look-alikes only
  - ZCTA only
  - If there are 10 or fewer patients from a health center in a ZCTA, those data are suppressed
  - Low-income calculations are based on 100% of patients
  - Calendar year only
  - Organization-level data only

# Mobile UDS Mapper

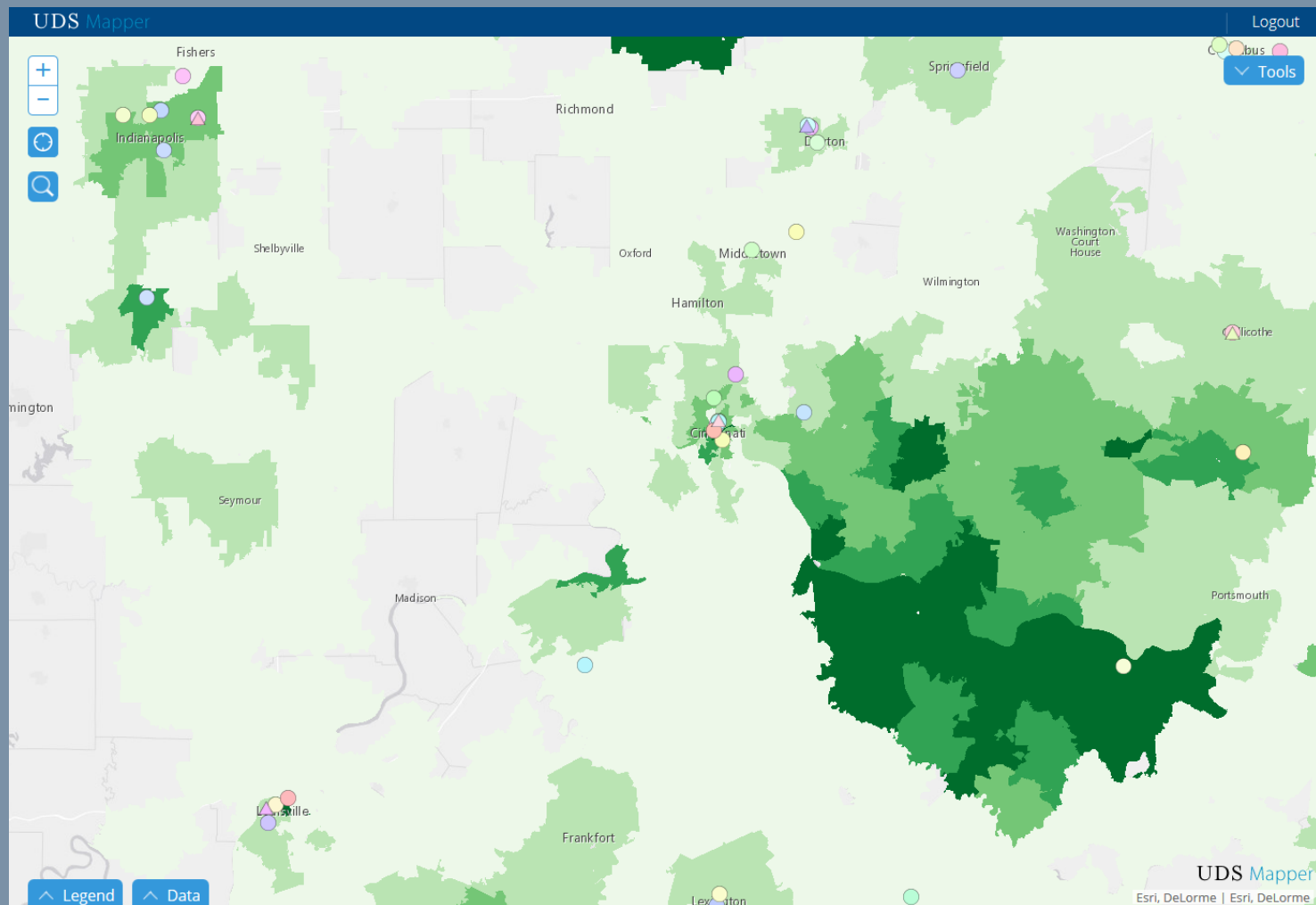


The UDS Mapper will use location services to focus on where you are located, if you allow

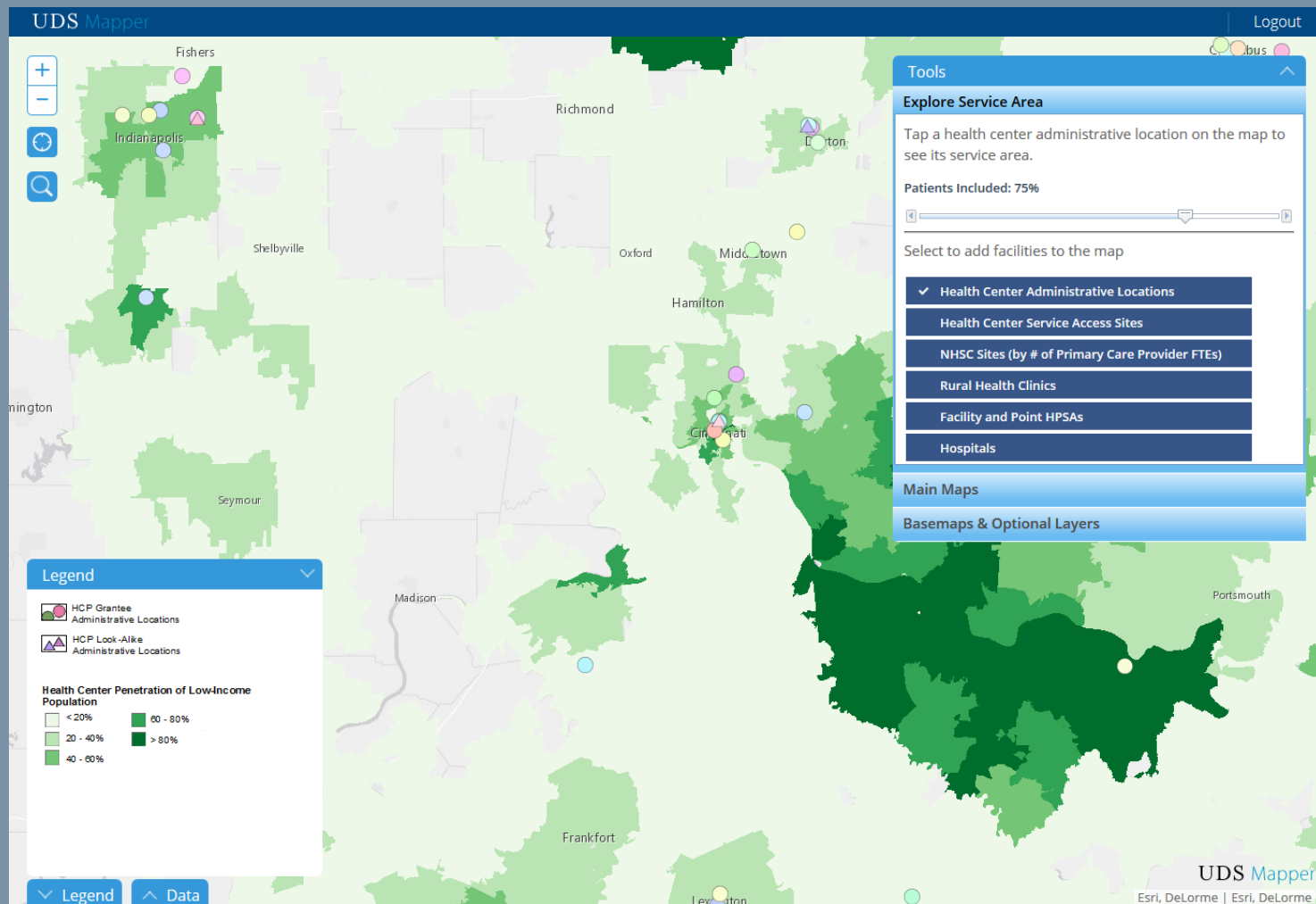


ROBERT  
GRAHAM  
CENTER

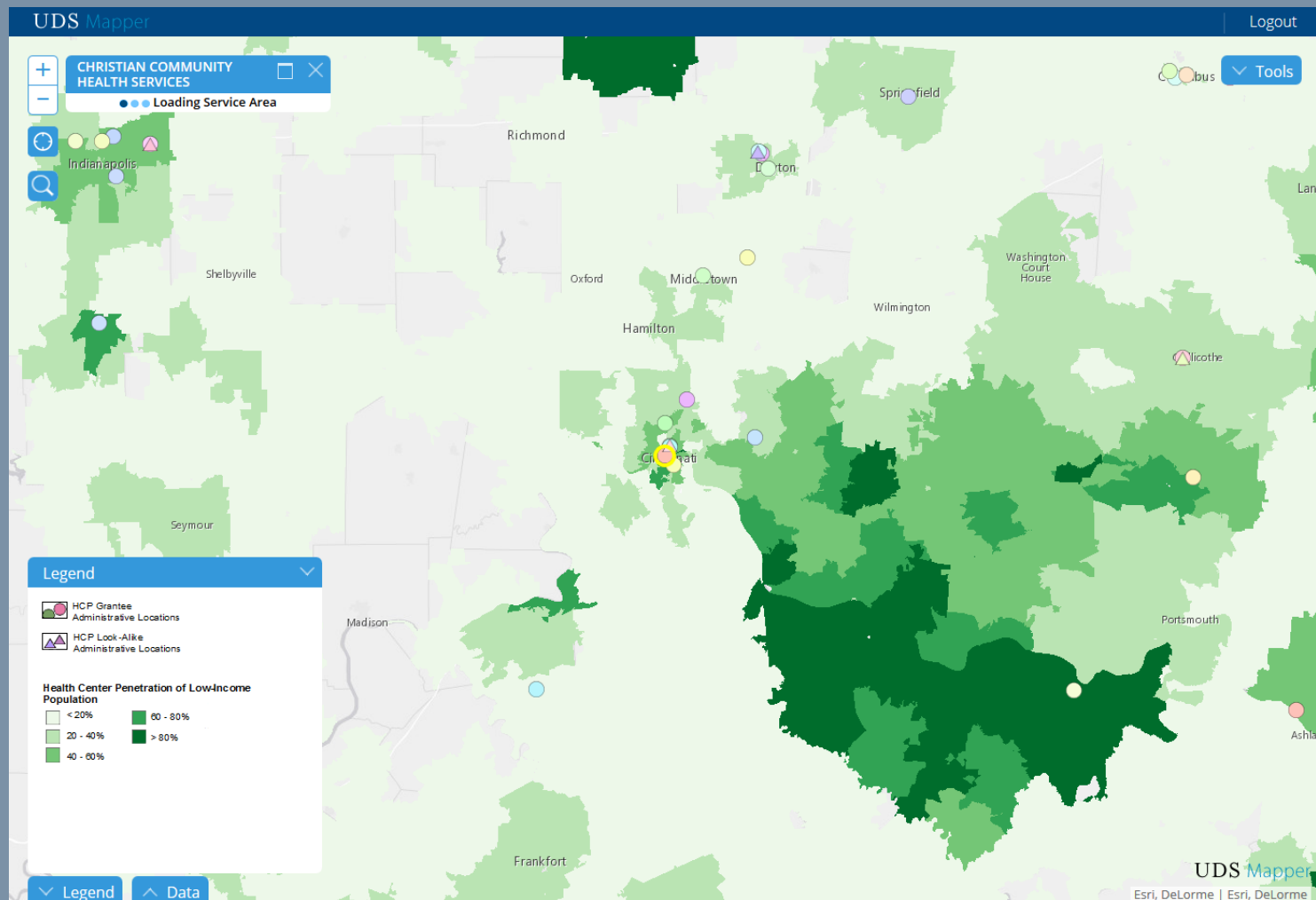
# Layout of the Mobile UDS Mapper



# Mobile UDS Mapper

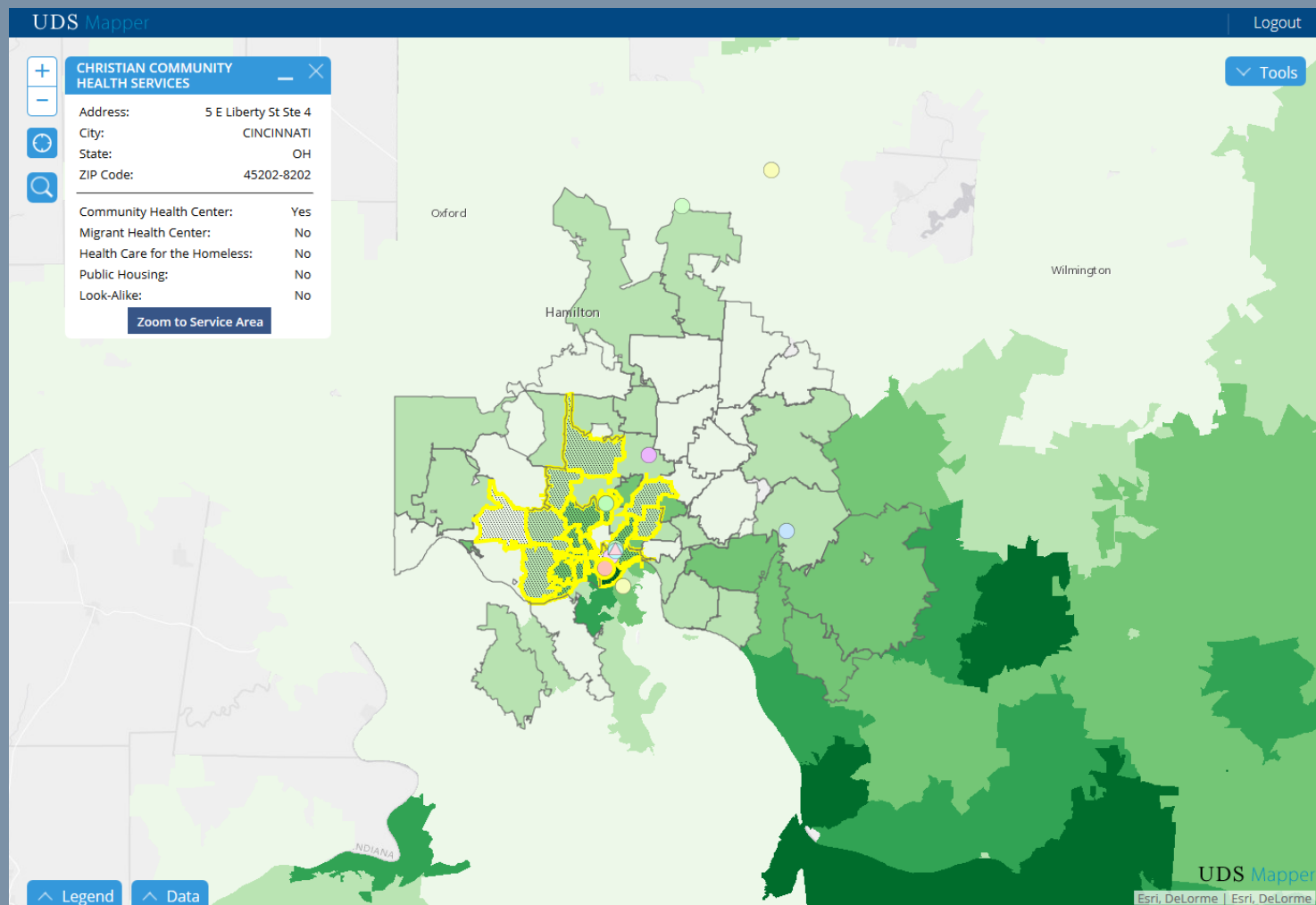


# Select a Health Center

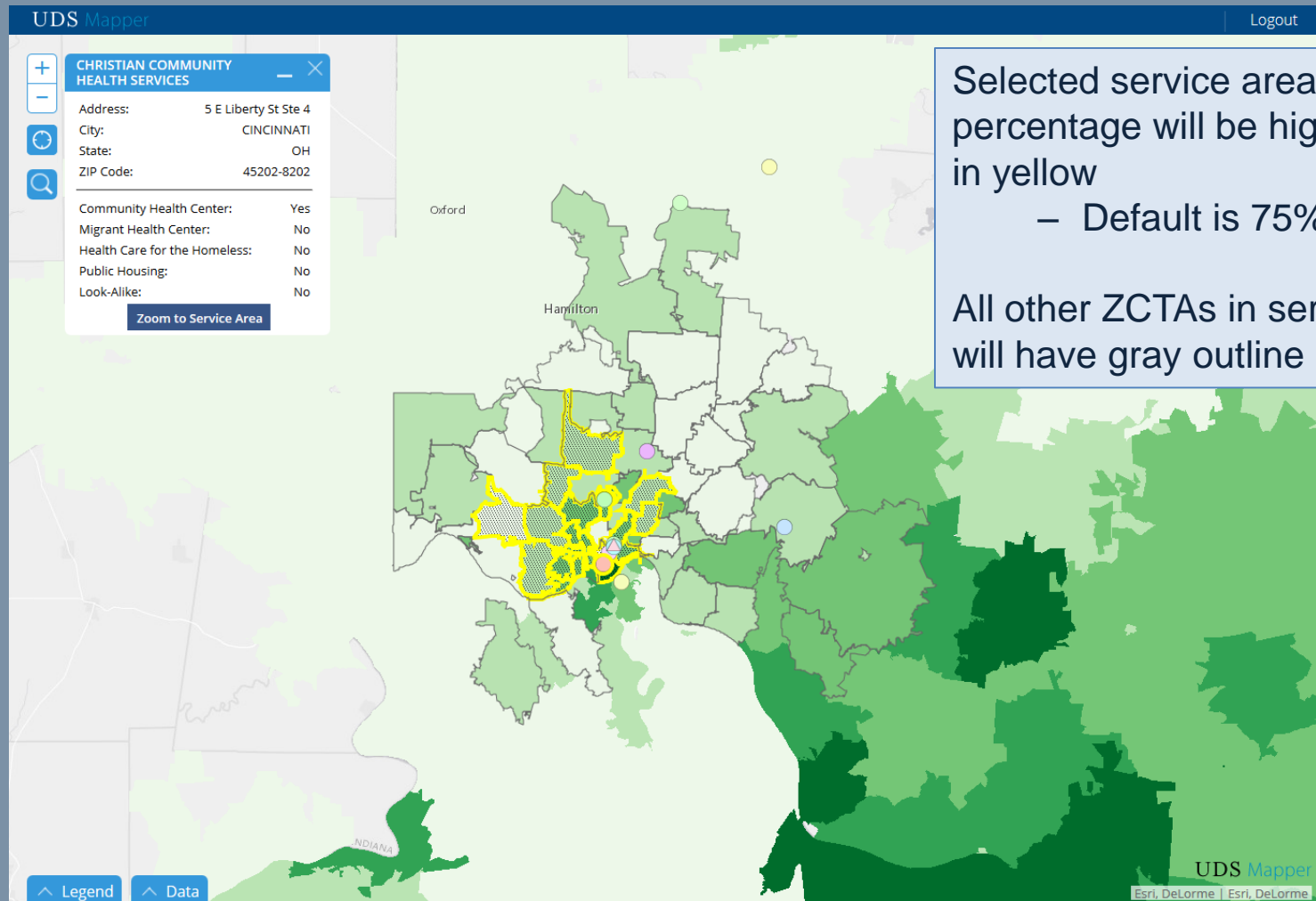




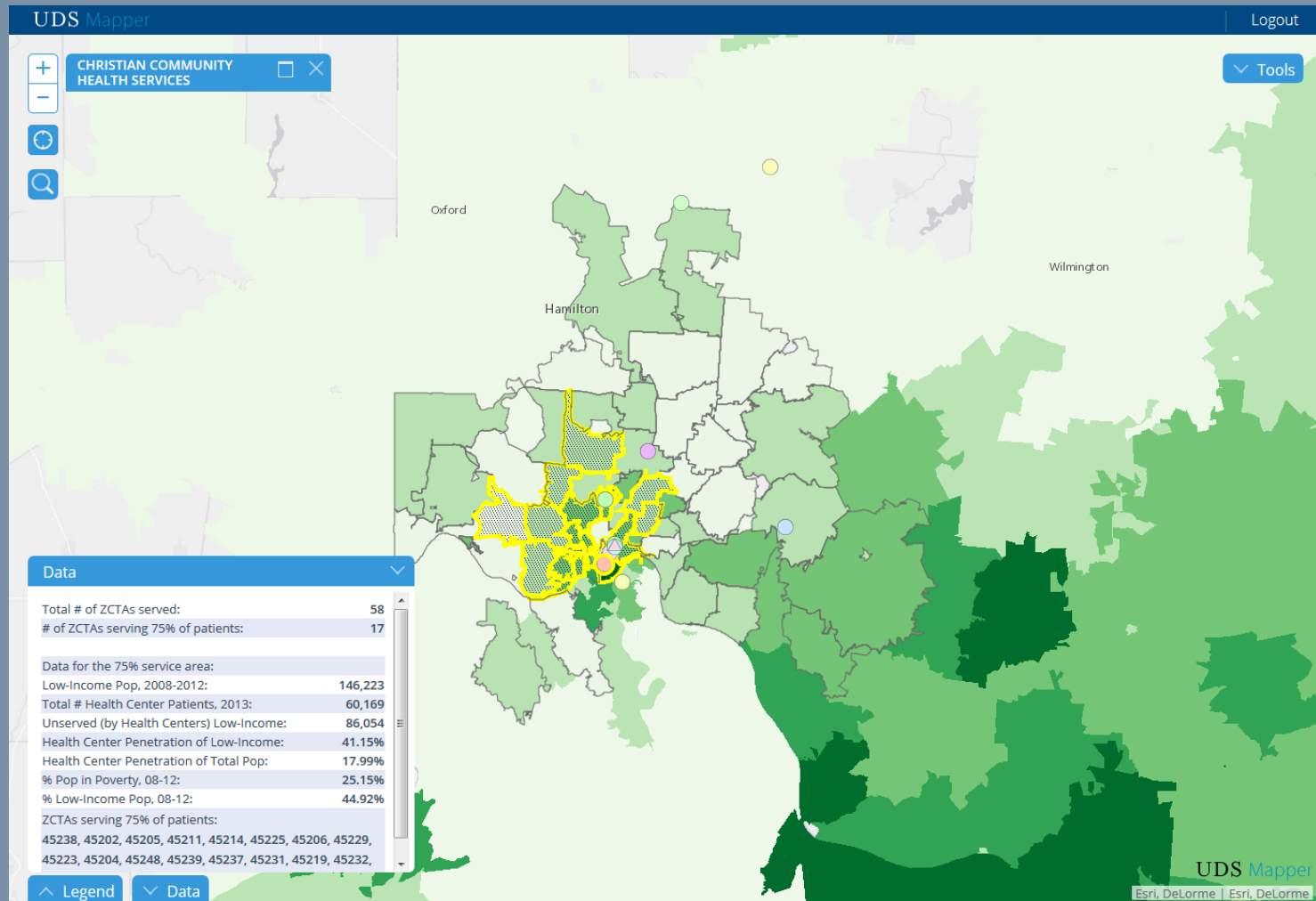
# Patient Origin Service Area



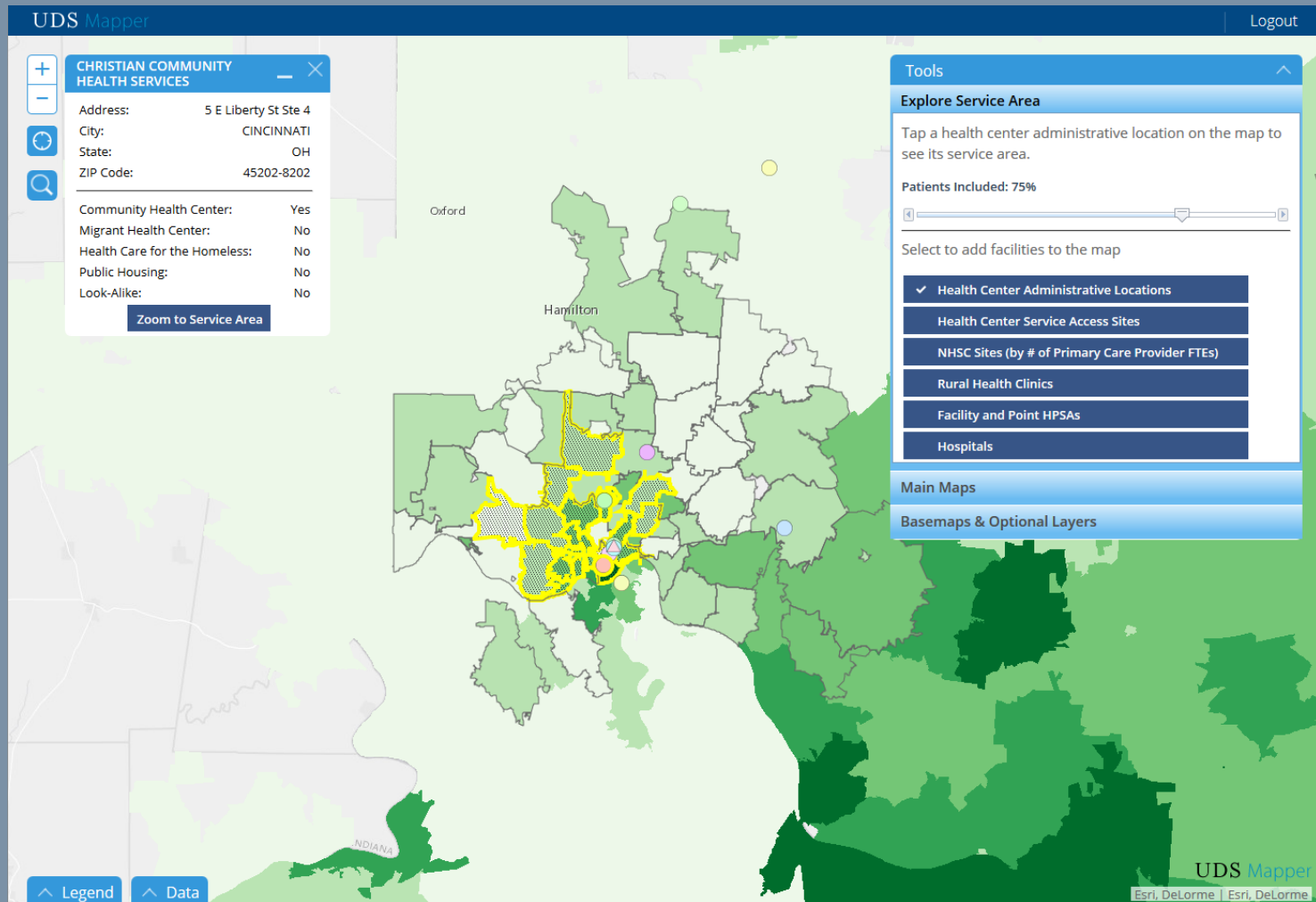
# Patient Origin Service Area



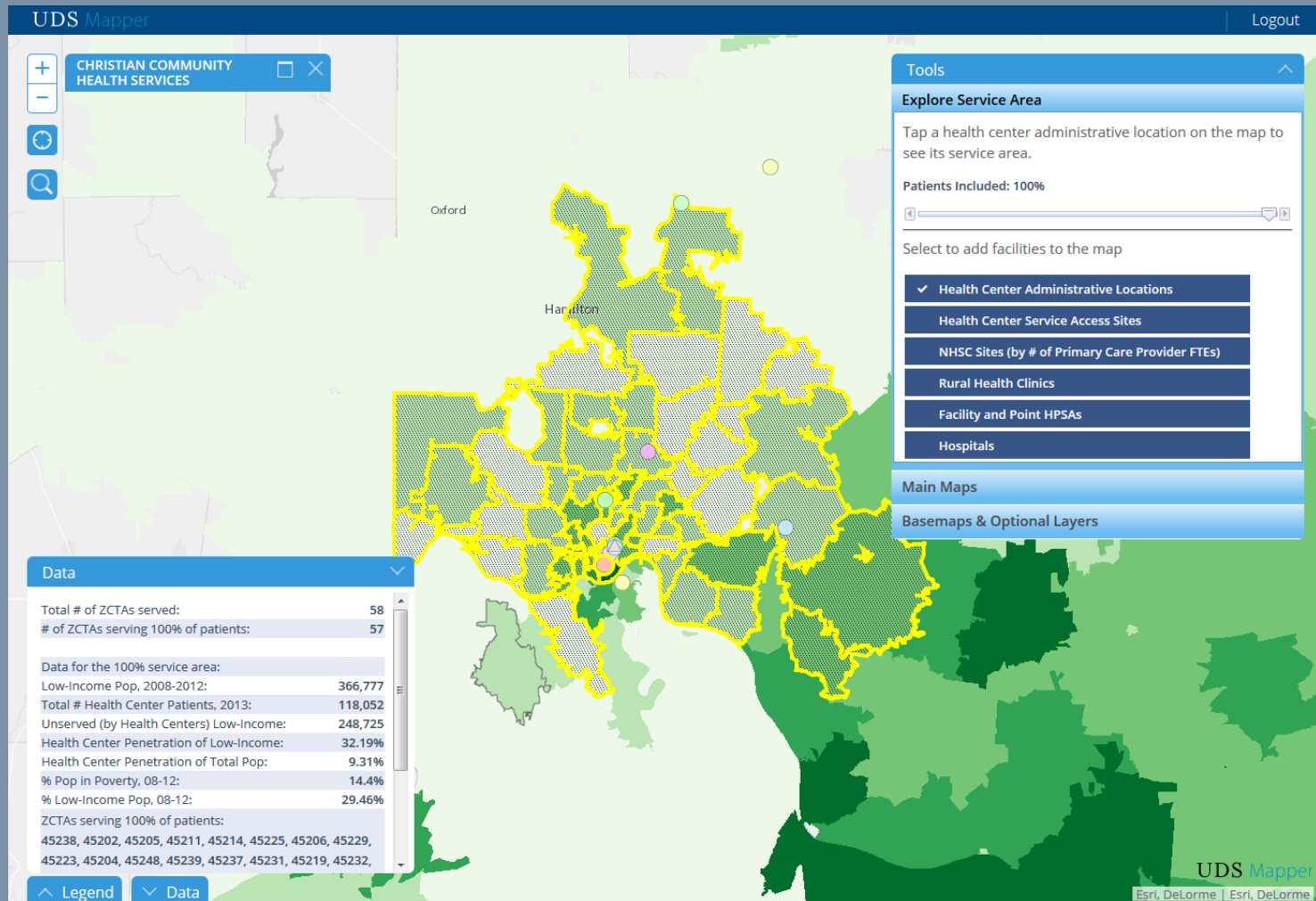
# Data in the Mobile UDS Mapper



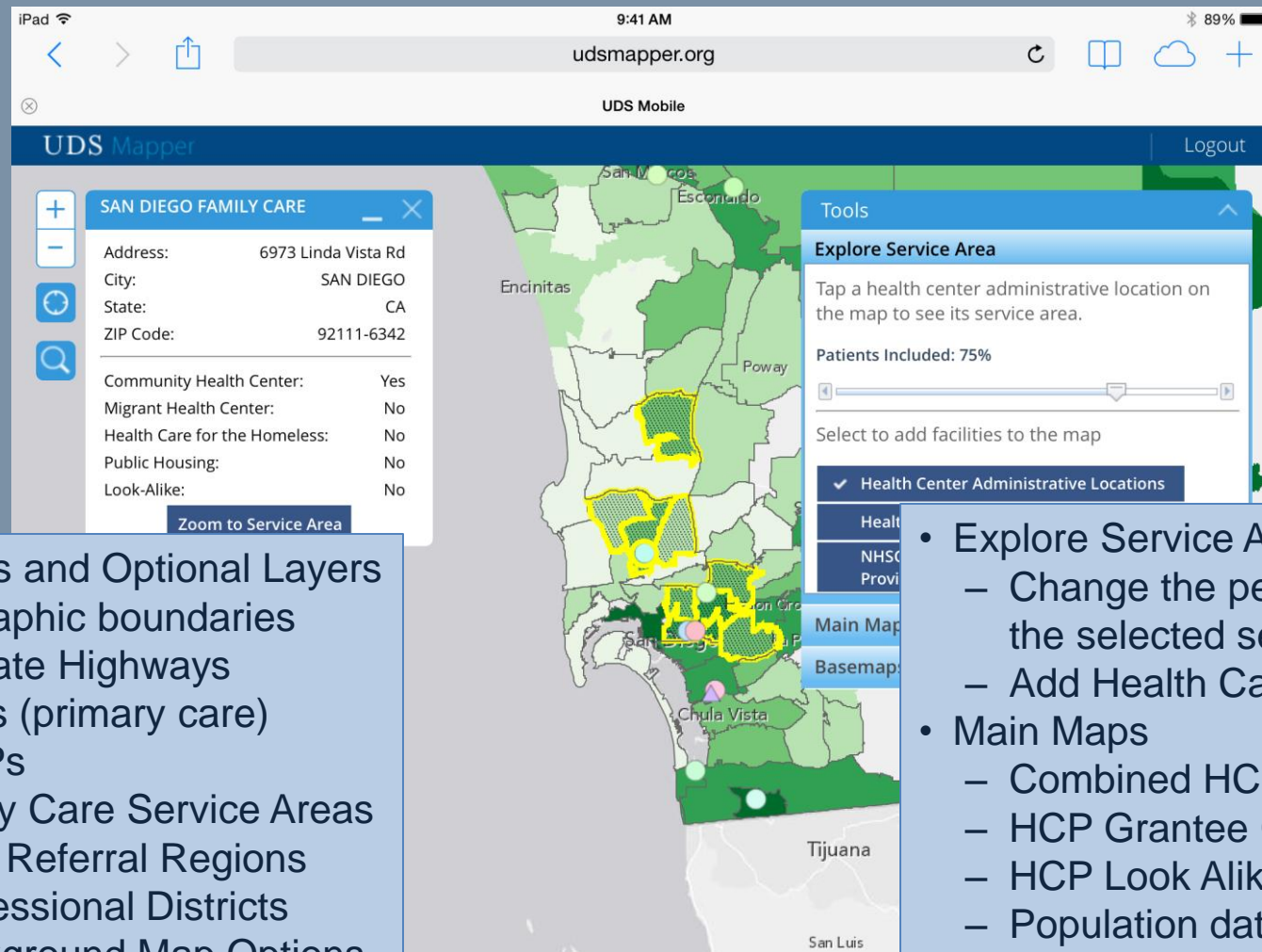
# Tools in the Mobile UDS Mapper



# Change the Selected Service Area



# Tools in the Mobile UDS Mapper



- Basemaps and Optional Layers
  - Geographic boundaries
  - Interstate Highways
  - HPSAs (primary care)
  - MUA/Ps
  - Primary Care Service Areas
  - Health Referral Regions
  - Congressional Districts
  - 6 Background Map Options

- Explore Service Area Tool
  - Change the percentage of the selected service area
  - Add Health Care Facilities
- Main Maps
  - Combined HC data
  - HCP Grantee Only data
  - HCP Look Alike Only data
  - Population data

# Thank you!

If you have additional questions or feedback after the conclusion of this webinar, please use the “Contact Us” form provided on the UDS Mapper site:

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