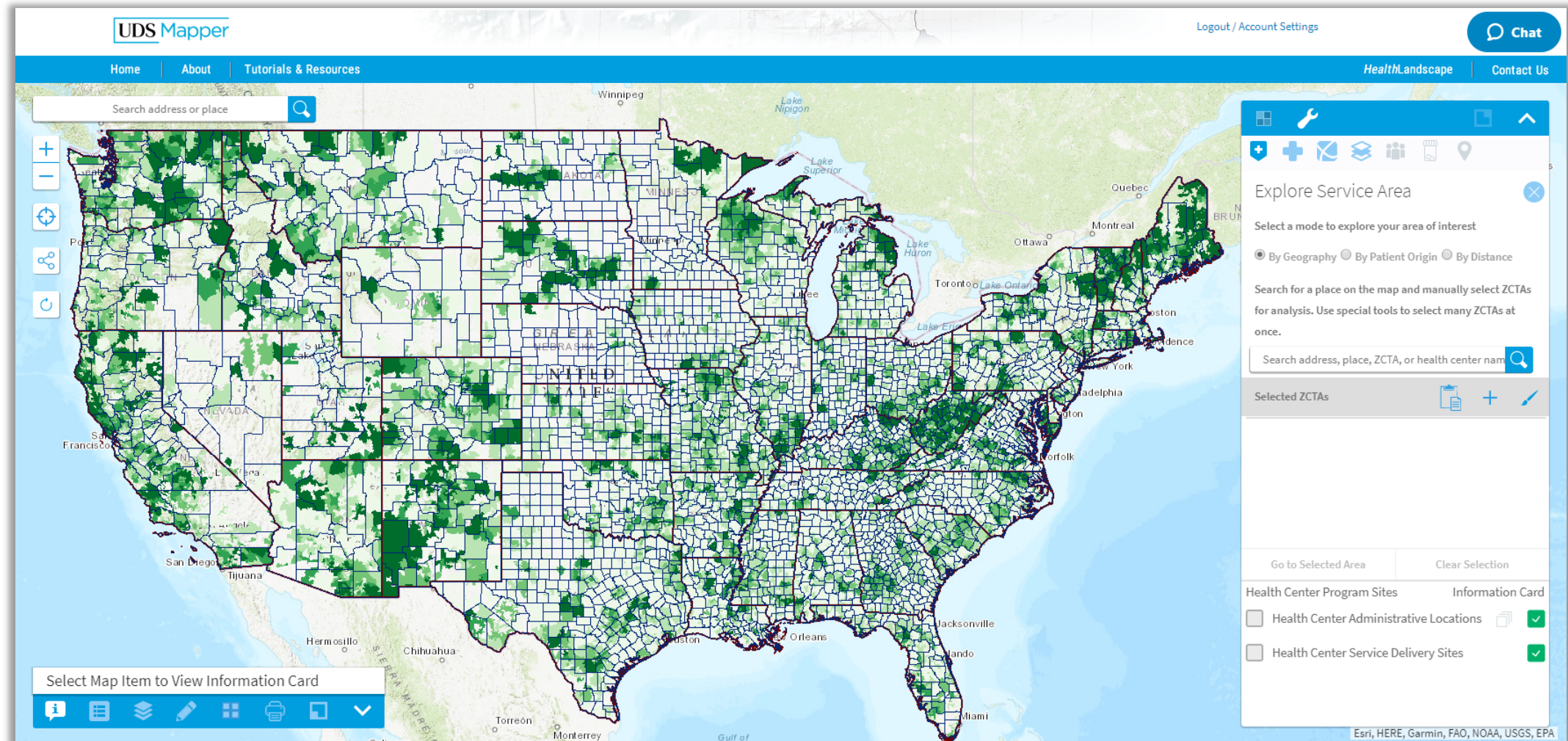


# Getting to Know the UDS Mapper



Jennifer L. Rankin, PhD  
Nurse-Led Care Conference 2019  
October 2, 2019

# Today's Agenda

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- Introduce the UDS Mapper
- Types of projects where the UDS Mapper is helpful
- Discussion of UDS Mapper visualization tools
- Finding user support after the presentation

# What is the UDS Mapper?

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- An online mapping tool developed to provide access to maps, data, and analysis using Uniform Data System (UDS) and other relevant data to visualize service area information for Health Center Program (HCP) awardees and look-alikes
- Compares HCP awardee and look-alike data to community/population data and shows spatial relationships between the program, community attributes, and other resources

# Who Can Use the UDS Mapper?

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- The UDS Mapper is open to everyone, not just HCP awardees and look-alikes
- To begin using the UDS Mapper all you have to do is register for a user name 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

# Register for a New Account

Registration

Creating this account will give you access to the UDS Mapper.

### Create Your Account

**Username**

\* Email:

\* Confirm Email:

---

**Password**

A minimum of 8 characters including 1+ upper case letters, 1+ lower case letters and 1+ numbers.

\* Password:

\* Retype Password:

---

**About You**

\* First Name:

\* Last Name:

\* ZIP Code:

\* Title:

\* Organization Name:

\* Organization Type:

### Terms of Use

Please read the terms of use carefully.


**Web Site Terms and Conditions of Use**

**1. Terms**

By accessing this web site, you are agreeing to be bound by these web site Terms and Conditions of Use, all applicable laws and regulations, and agree that you are responsible for compliance with any applicable local laws. If you do not agree with any of these terms, you are prohibited from using or accessing this site. The materials contained in this web site are protected by applicable copyright and trademark laws.

☐ I agree to the Terms of Use \*

Please type the text seen in the image below:



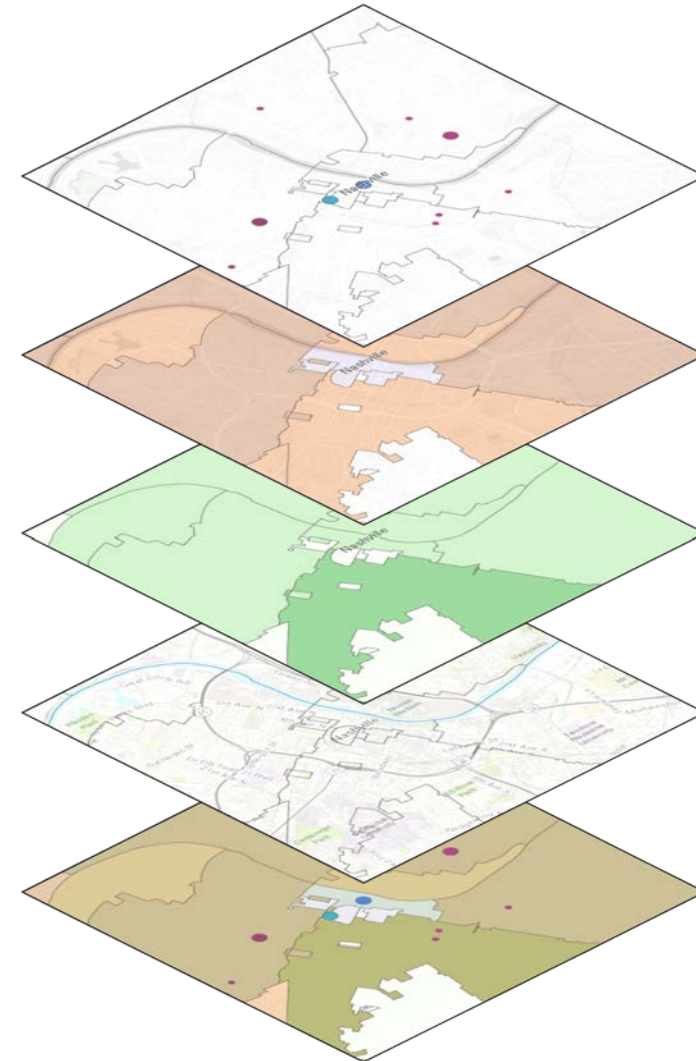
[View Privacy Policy](#)

\* Indicates a required field



# Geographic Information System

- Overlay data from multiple sources about the same area
- Point data (health center sites)
- Area data (patient and population data)
  - Threshold mapping
  - Thematic mapping
- Boundaries and contextual information



# Data Mapped by ZCTA

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- ZIP Code Tabulation Area - an approximation of ZIP Codes from the U.S. Census Bureau
  - 2010 U.S. Census Boundaries for ZCTAs
- UDS data, 2018
  - UDS data are submitted to HRSA by HCP awardees and look-alikes every calendar year
  - Data are analyzed and prepared
- Population demographics and health
  - American Community Survey
  - Behavioral Risk Factor Surveillance System
  - Health Resources and Services Administration Area Health Resource File
  - Centers for Disease Control and Prevention
  - Centers for Medicare and Medicaid Services (county only)
  - Substance Abuse and Mental Health Services Administration (county only)

# Types of Projects Where the UDS Mapper is Helpful

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- Strategic planning
- Community health needs assessment
- Grant writing
- Service area mapping
- Research
- Clinical planning/Chronic disease management
- Population health



Search address or place



Search address or place





Search address or place



## Legend

States



Counties



ZCTAs



Health Center Administrative

HCP Awardee



HCP Look-Alike



Locations

Health Center Service Delivery Sites

HCP Awardee



HCP Look-Alike



HCP: Penetration of Low-Income (%) for Combined

&lt;20%



20 - 40%



40 - 60%



60 - 80%



&gt;80%



Legend



Belle Meade

Nashville

Berry Hill

## Main Maps

Choose a main map below to show either UDS data on health center patients, or total population (not just patient) statistics

Begin by selecting a topic:

Population Data

UDS Data

Select Health Center Type

☐ Awardees ☐ Look-Alikes ☒ Combined

Select an Indicator

☐ No Main Map Selected

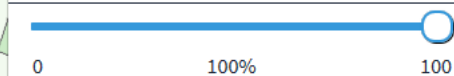
## Penetration

☒ HCP: Penetration of Low-Income (%) ☐ HCP: Penetration of Total Population (%) ☐ HCP: Penetration of Uninsured ☐ Population (%) ☐ HCP: Penetration of Medicaid/ Public Ins. ☐ (%) ☐ HCP: Penetration of Medicare/ Private ☐ Ins. (%) 

## Percent Change

## Health Center Characteristics

## Not Served by Health Centers



Esri, HERE | Esri, HERE

Search address or place



## Legend

States



Counties



ZCTAs



Health Center Administrative

HCP Awardee



Locations

HCP Look-Alike



Health Center Service Delivery Sites

HCP Awardee



HCP Look-Alike



Pop: Low-Income (%) 2013-2017

38 to 100%



## Population Indicators

Restore Defaults

Click on a checkbox to turn on an indicator. Click and drag on the sliding circle (or click on the sliding circle once, and use the arrow keys on your keyboard to move the circle) to color in only those areas that have a rate at or above the setting on the slider.

Note: When more than one indicator is turned on, or turned on over a Main Map, colors will blend where they overlap.

☐ Pop: Poverty (%) 2013-2017☒ Pop: Low-Income (%) 2013-2017☐ Pop: Not Employed (%) 2013-2017☐ Pop: Households with Limited English

Proficiency (%) 2013-2017

☐ Pop: Less Than High School Education

Proficiency (%) 2013-2017

Search address or place



## Legend

States



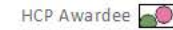
Counties



ZCTAs



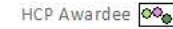
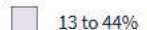
Health Center Administrative



Locations



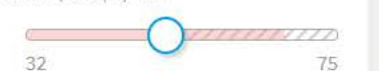
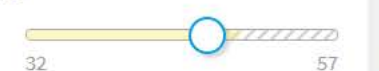
Health Center Service Delivery Sites

Pop: Adults Ever Told Have Diabetes,  
est. (%) 2017

13 to 44%



## Population Indicators

☐ Pop: Disability, (%) 2013-2017☐ Pop: Uninsured, est. (%) 2017☐ Pop: Low Birth Weight Rate, est. 2017☐ Pop: Age-Adjusted Mortality Rate (per  
100,000), est. 2013-2016☒ Pop: Adults Ever Told Have Diabetes,  
est. (%) 2017☐ Pop: Adults Ever Told Have High Blood  
Pressure, est. (%) 2017☐ Pop: Adults Who Are Obese, est. (%)  
2017☐ Pop: Adults with No Dental Visit in Past  
12 Months, est. (%) 2017

Esri, HERE | Esri, HERE



Search address or place



## Legend

States



Counties



ZCTAs



Pop: Low-Income (%) 2013-2017

38 to 100%

Pop: Adults Ever Told Have Diabetes,  
est. (%) 2017

13 to 44%

Selected ZCTAs












## Population Indicators

Restore Defaults

Click on a checkbox to turn on an indicator. Click and drag on the sliding circle (or click on the sliding circle once, and use the arrow keys on your keyboard to move the circle) to color in only those areas that have a rate at or above the setting on the slider.

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- ☐ Pop: Poverty (%) 2013-2017  
- ☒ Pop: Low-Income (%) 2013-2017  
- ☐ Pop: Not Employed (%) 2013-2017  
- ☐ Pop: Households with Limited English Proficiency (%) 2013-2017  
- ☐ Pop: Less Than High School Education (%) 2013-2017 

Esri, HERE | Esri, HERE

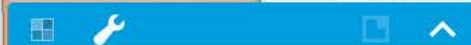


Search address or place



## Legend

- States
- Counties
- ZCTAs
- Pop: Low-Income (%) 2013-2017 38 to 100%
- Pop: Adults Ever Told Have Diabetes, est. (%) 2017 13 to 44%
- Health Center Administrative Locations
  - HCP Awardee
  - HCP Look-Alike
- Health Center Service Delivery Sites
  - HCP Awardee
  - HCP Look-Alike
- Veterans' Health Administration (VHA) Facilities
  - Health Care Center
  - VA Medical Center
  - PC Com-based Clinic
  - Multi-Specialty Com-based Clinic
  - Other VHA Facility
- Opioid Treatment Programs



## Explore Health Related Facilities

Check the boxes below to add health related facilities to the map. After you have selected one or more facility types to the map, when you click on a symbol on the map, you will get more information about the site in the Information Card in the Tool Kit in the bottom left corner. If you have ZCTAs selected, you can create a report with a map showing the selected areas and facility types and a list of selected facility types in your selected area.

- ☐ National Health Service Corps (NHSC) Sites
- ☐ Rural Health Clinics
- ☐ Facility and Point Health Professional Shortage Areas (HPSAs)
- ☐ Hospitals
- ☒ Veterans' Health Administration (VHA) Facilities
- ☐ Housing and Urban Development (HUD) Facilities
- ☐ Substance Abuse and Mental Health Facilities
- ☒ Opioid Treatment Programs
- ☐ DATA Waived Providers

Generate Report

Search address or place



## UDS Mapper Data Table

Combined



ZCTA	Post Office Name	State	HCP: Health Center Count ( Combined ) 2018	HCP: Dominant Health Center 2018	Pop: Total (#) 2013-2017	Pop: Low-Income (#) 2013-2017	HCP: Total Patients (#) 2018	HCP: Penetration of Low-Income (%)	HCP: Penetration of Total Population (%)
Summary:					115,005	56,421	14,455	25.62 %	12.57 %
37201	Nashville	TN	1	UNITED NEIGHBORHOOD HEALTH SERVICES, INC DBA NBHD HLTH	1,554	91	26	28.57 %	1.67 %
37203	Nashville	TN	3	UNITED NEIGHBORHOOD HEALTH SERVICES, INC DBA NBHD HLTH	13,101	5,610	2,700	48.13 %	20.61 %
37206	Nashville	TN	4	UNITED NEIGHBORHOOD HEALTH SERVICES, INC DBA NBHD HLTH	25,531	10,454	2,851	27.27 %	11.17 %
37207	Nashville	TN	4	UNITED NEIGHBORHOOD HEALTH SERVICES, INC DBA NBHD HLTH	37,560	20,507	4,646	22.66 %	12.37 %
37208	Nashville	TN	3	UNITED NEIGHBORHOOD HEALTH SERVICES, INC DBA NBHD HLTH	17,407	9,007	2,052	22.78 %	11.79 %
37210	Nashville	TN	4	UNITED NEIGHBORHOOD HEALTH SERVICES, INC DBA NBHD HLTH	17,583	9,654	1,999	20.71 %	11.37 %

Standard UDS Mapper Report Additional Health Center Related Data Additional Population Data and Indicators Uninsurance by Income Level Top 5 Health Centers Serving ZCTA

Select All Select None

✓ HCP: Health Center Count ( Combined ) 2018

✓ HCP: Dominant Health Center 2018

✓ Pop: Total (#) 2013-2017

✓ Pop: Low-Income (#) 2013-2017

✓ HCP: Total Patients (#) 2018

✓ HCP: Penetration of Low-Income (%)

✓ HCP: Penetration of Total Population (%)

Data Table



# Tutorials and Resources

UDS Mapper

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## Tutorials & Resources

**Webinars & Presentations**  
Attending a webinar or in-person presentation is one of the best ways to learn how to properly and effectively use the UDS Mapper. View our list of upcoming webinars and presentations, and sign up for one today!

**Tutorials**  
Find the slides we use during the webinars and a variety of how-to materials are provided to help you use the UDS Mapper! Use these resources to teach yourself how to use the UDS Mapper at your own pace.

**Knowledge Base**  
The Knowledge Base contains FAQs, a Glossary of terms used within the website, and Data Definitions. Type a keyword or phrase into the search bar to find related articles. If you cannot find what you are looking for, feel free to [contact us!](#)

**Data Update Schedule**  
The various data sources in the UDS Mapper update on different schedules. Find the overall data update schedule in this section. Information about individual data points can be found in the the Knowledge Base.

**Data Estimation Methodologies**  
Read an explanation of our methodology for obtaining ZCTA-level data estimates.

**Benchmarks for Population Indicators**  
Find a table of benchmarks you can use for the Population Indicators Tool.

**ZIP Code to ZCTA Crosswalk**  
ZIP Codes and ZCTAs do not always perfectly align. To find out which ZCTA a ZIP Code has been assigned to, please use this Crosswalk.

**Articles & References**  
Want to learn more about the scientific background and significance of the UDS Mapper? View our list of relevant articles and references on community health centers and using.

**Return**  
Return to your session in the UDS Mapper [GO](#)

**View Demo**  
Learn how you can use the tool to improve community health [GO](#)

**Quick Links**

- [What is the UDS Mapper?](#)
- [Tutorials & Resources](#)
- [Knowledge Base](#)
- [Webinar Training](#)
- [Contact Us](#)
- [About HealthLandscape](#)

# Thank You!

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If you have additional questions or feedback after the conclusion of this presentation, please use the Contact Us form provided on the UDS Mapper Site:

<https://www.udsmapper.org/contact-us.cfm>