

# Using SAPPHIRE

To use SAPPHIRE:

1. Open tool
2. Upload ZIP Codes and patient counts
3. Select theme
4. Modify style or pop-ups, if desired
5. Adjust service area, if desired
6. Click POPULATION HEALTH PROFILE to generate report

The screenshot shows the SAPPHIRE web application interface. At the top, there is a navigation bar with the 'HealthLandscape' logo, a search bar, and links for 'PRINT', 'ABOUT', and 'SUPPORT & FEEDBACK'. The main interface is divided into several sections:

- Header:** 'SAPPHIRE' with a subtitle: 'The Service Area Population Health Improvement (SAPPHIRE) tool allows users to upload ZIP Code level data, explore service areas, and link data to dozens of social determinants of health'.
- Navigation:** A vertical sidebar on the left contains icons for home, data upload, location, layers, and settings.
- Content Panel:**
  - Buttons for 'SHOW/HIDE' and 'CLEAR DATA'.
  - A table with columns: ZIP, ZCTA, PATIENTCOUNT, COUNT\_CO.
  - A 'Note: Two or more ZIP codes have been merged into a single ZCTA, as shown'.
  - 'Select Your Theme' dropdown set to 'Patient Count'.
  - 'Adjust Service Area' slider set to 70.
  - 'POPULATION HEALTH PROFILE' button.
  - 'Patient Count' legend with color-coded ranges.
- Map:** A map of the Cincinnati area with ZIP codes shaded in various colors. A blue callout box '2' points to the top right of the map with the text 'DRAG AND DROP A .XLS, .XLSX, OR .CSV OR CLICK TO UPLOAD'.
- Style Panel:** A 'STYLE' panel on the right allows for customization:
  - 'Color Scheme' dropdown.
  - 'Categories' dropdown.
  - 'Distribution' dropdown.
  - 'Threshold' dropdown.
  - 'Palette' section with several color palette options.
- Report Panel:** A 'POPULATION HEALTH PROFILE' report is visible in the bottom right, including a 'Social Deprivation Index' legend and a 'Community Access to Care (estimates)' table.

CONTENT STYLE POP-UPS

SHOW/HIDE CLEAR DATA

ZIP	ZCTA	PATIENTCOUNT	COUNT_CO
45002	45002	78	78
45011	45011	666	666
45013	45013	456	456
45014	45014	307	307
45015	45015	162	162
45030	45030	113	113

Note: Two or more ZIP codes have been merged into a single ZCTA, as shown

Select Your Theme

Patient Count 3

Adjust Service Area 70 5

POPULATION HEALTH PROFILE 6

Patient Count

2 - 90	> 340 - 518
> 90 - 213	> 518 - 820
> 213 - 340	

2 DRAG AND DROP A .XLS, .XLSX, OR .CSV OR CLICK TO UPLOAD

CONTENT STYLE POP-UPS 4

Reset All

- Color Scheme
- Categories
- Distribution
- Threshold
- Palette

6 My Service Area: Population Health Profile Report

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Social Deprivation Index

1.889460971 - 1.1...	1.932687380753 - ...	CVS profile report notes ...
> 1.4813247919 - 0...	> 1.0479525228 - 1...	
> 0.89143931866 - ...		

Community Access to Care (estimates)

ZCTA	Pct Delayed Care Due to Cost Past Year	Pct Without Usual Source of Care	Pct Uninsured	Mortality per 100k Pop	Low Birth Weight Rate
Service Area Summary:	NaN%	NaN%	6.4%	n/a	n/a
45202 - ZCTA5	18.0%	26.4%	4.1%	811.7001343	9.24782753
45202 - ZCTA2					