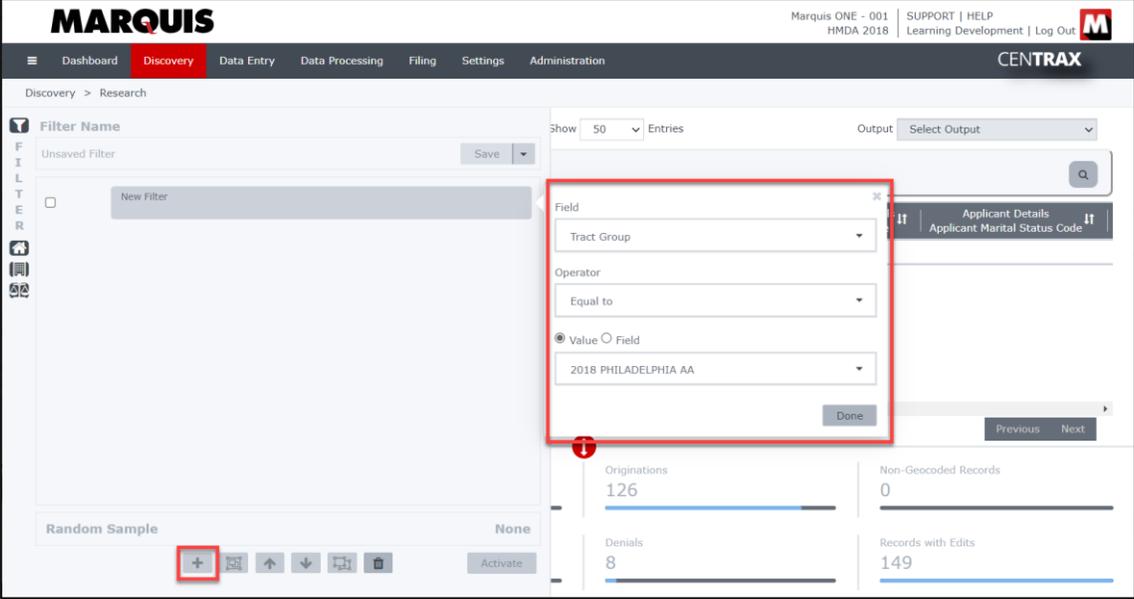
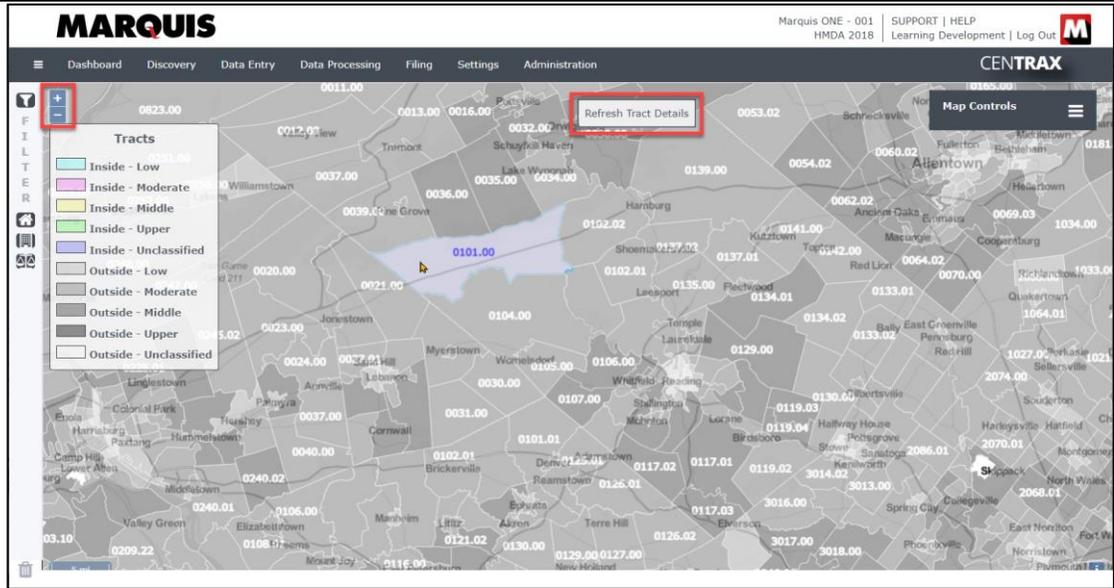


CNX401	Mapping
	The Mapping function, built into CenTrax NEXT, enables a visible representation of where applications have been made as well as the ability to display extra features such as branch locations, radius rings and a color theme of the Tract Income Level for an area.
Order of Steps	Tasks
Step 1	Log into CenTrax NEXT
	The active Institution and File will display in the upper right-hand section to the left of the name of the user logged in.
Note: The Tract Group/AA and branches must be created prior to generating the map. For the branches to display, they must contain an address and/or geocode information.	
Step 2	Click Discovery from the main menu
Step 3	Click Research
Note: In order to use the map tool, a filter on a Tract Group/Assessment Area must be in place.	
Step 4	Click the Filter symbol  in the top left-hand corner
Step 5	Click the plus symbol  at the bottom of the filter window
Step 6	Click the New Filter conditions box
6.1	Use the drop-down arrow for Select a Field to choose Tract Group
6.2	Use the drop-down arrow for Operator to select Equal to
6.3	Use the drop-down arrow for Value to select the desired Tract Group/AA from a list
6.4	Click Done
	
Step 7	Click Activate
Step 8	Use the Output drop-down arrow to select Map
Note: The map will automatically load with the color theme identifying the filtered Assessment Area. The following steps will outline how to configure the map to display the desired information.	

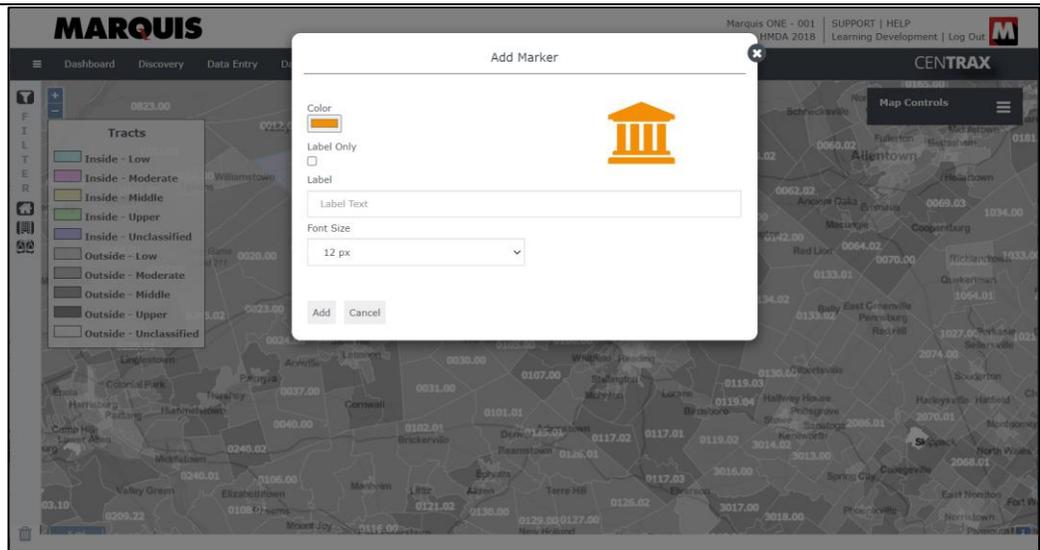
Step 9	Use the + and – symbols located in the upper left corner of the map page to zoom in or out
Step 10	Click, hold, and drag on the screen with your mouse to move the center of the map to the preferred location
Step 11	Click the Refresh Tract Details button to update the map with recent changes, prior to saving.
Step 12	Move the cursor over the map to briefly highlight different tracts .



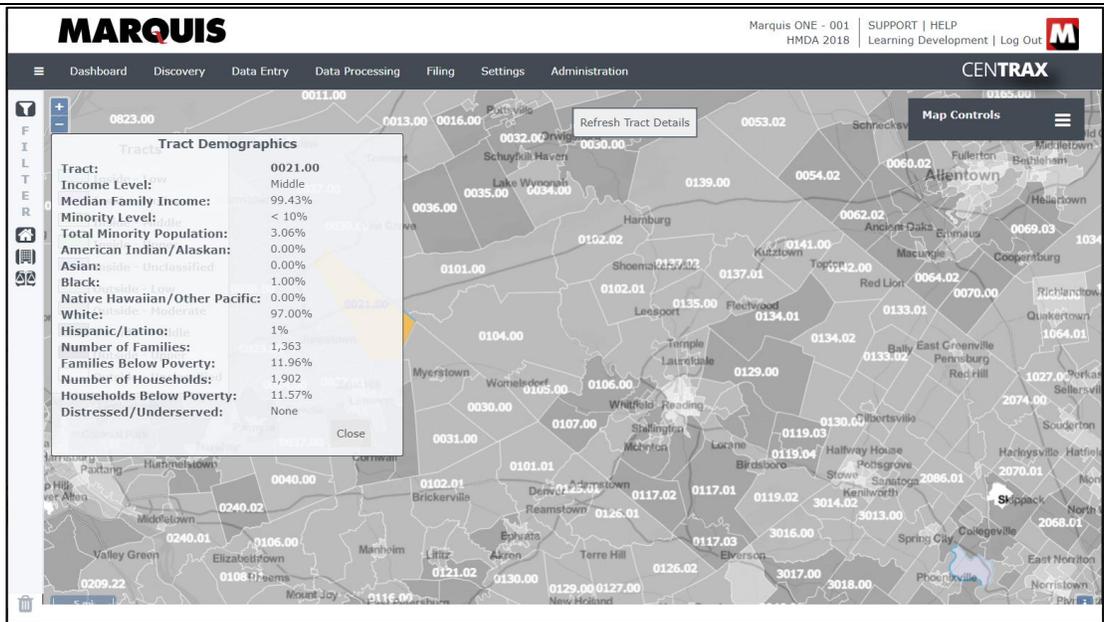
Step 13	To add a marker , click on the desired place on the map
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Note: The marker is independent from the Branch markers which are accessible within the Branches layer. For any marker, you may wish to add a label, customize the color of the marker, and/or select the desired label font size.

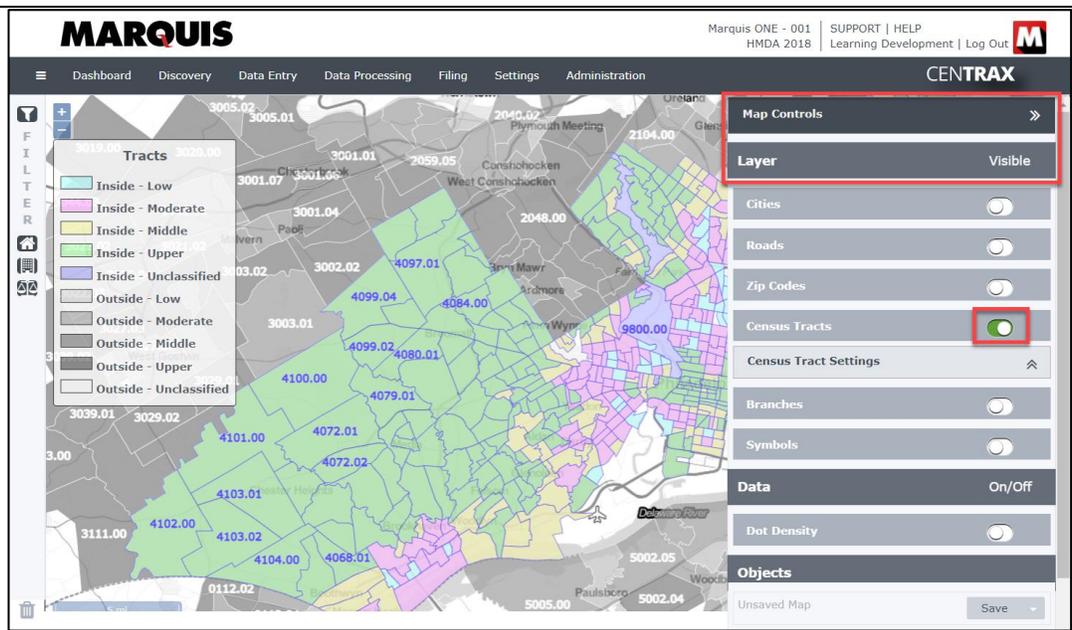
13.1	Click Add Map Marker .
13.2	Click the Color icon to change the color, if desired
13.3	Enable/disable Label Only
13.4	Enter a Label
13.5	Use the drop-down arrow to select a different Font Size , if desired
13.6	Click Add



Step 14	To Display Tract Demographics , click on the desired place on the map
14.1	Click Display Tract Demographics
14.2	A Tract Demographics box will appear displaying key demographic fields
14.3	Click Close when done reviewing the content

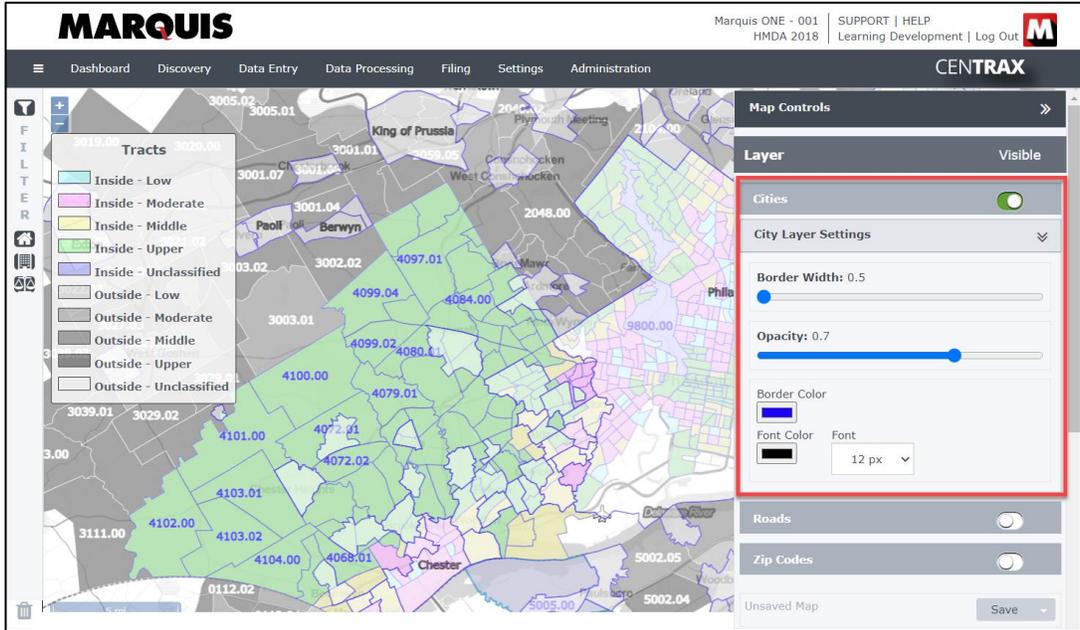


	The Map Controls manage how information is displayed on the map
Step 15	Click the ☰ icon located on the Map Controls menu header
Step 16	Slide the Visible button to the right in order to enable the desired layer(s)

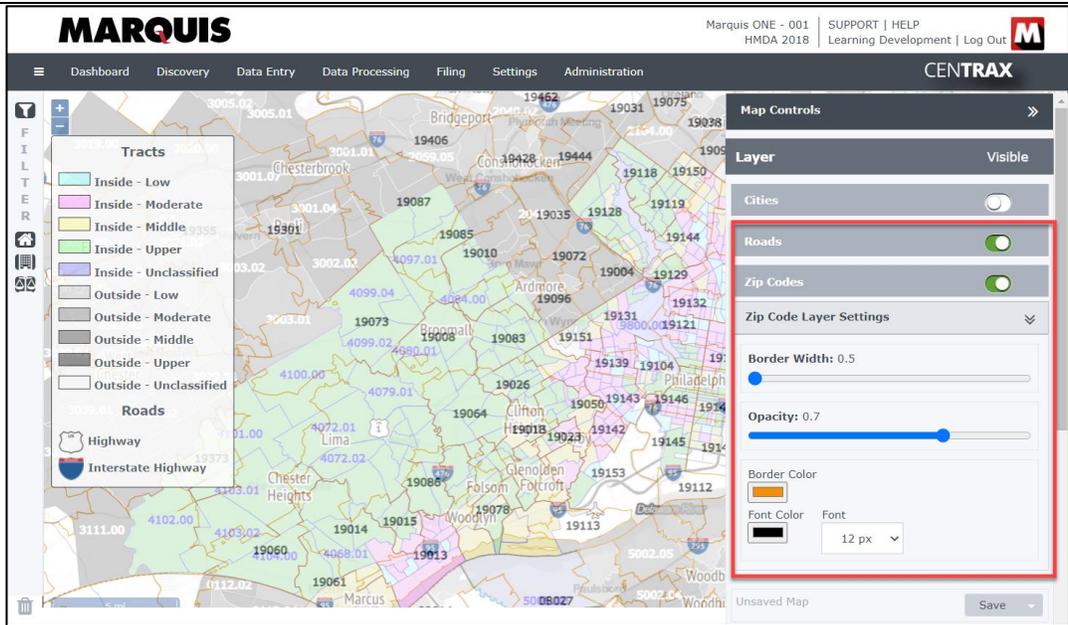


	Enable/disable the desired layers and their available settings:
Step 17	Enable/disable the Cities layer to place an overlay of the city boundaries (optional)
17.1	Click the chevron icon  to view City Layer Settings
17.2	Slide the bar to the desired Border Width

17.3	Slide the bar to the desired opacity
17.4	To change a color where applicable, click in the color box
17.5	Click in the color bar to find the color group
17.6	Click in the box on the desired color
17.7	Use the drop-down arrow to change the Font size , if desired



Step 18	Enable/Disable the Roads layer to place an overlay of major highways and roads
Step 19	Enable/Disable the Zip Codes layer to place an overlay of the zip code boundaries
19.1	Click the chevron icon  to view Zip Code Settings
19.2	Slide the bar to the desired Border Width
19.3	Slide the bar to the desired Opacity
19.4	Click in the color box to change the color, if desired
19.5	Use the drop-down arrow to change the Font size , if desired



Step 20 Enable/disable the **Census Tracts layer** to place an overlay of the census tracts boundaries

Note: The Census Tracts layer must be enabled in order for the Tract Income or Tract Minority Color theme to display.

20.1 Click the **chevron icon**  to view **Census Tract Settings**

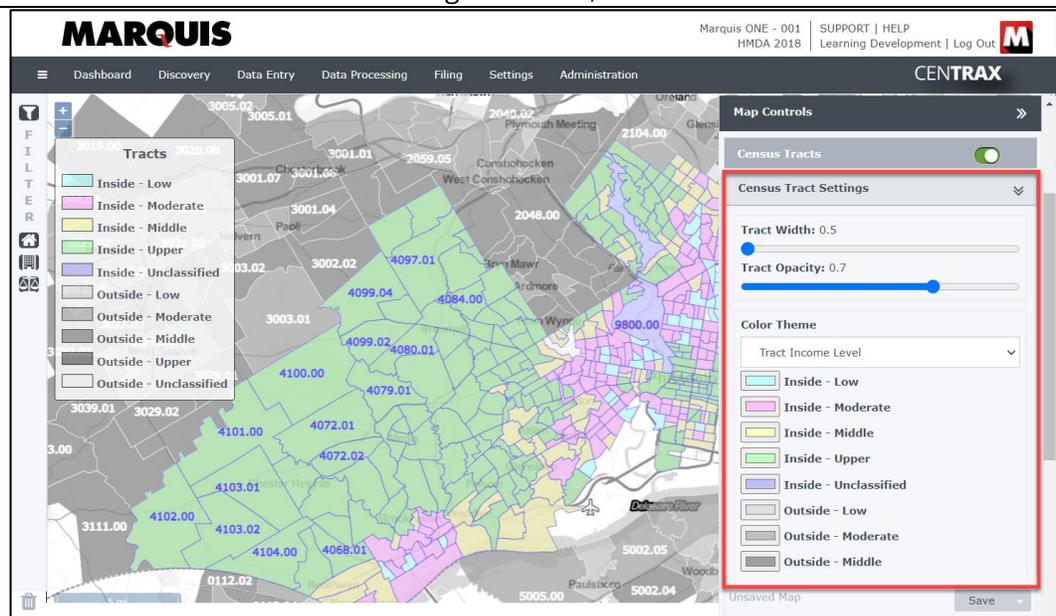
20.2 Slide the bar to the desired **Tract Width**

20.3 Slide the bar to the desired **Tract Opacity**

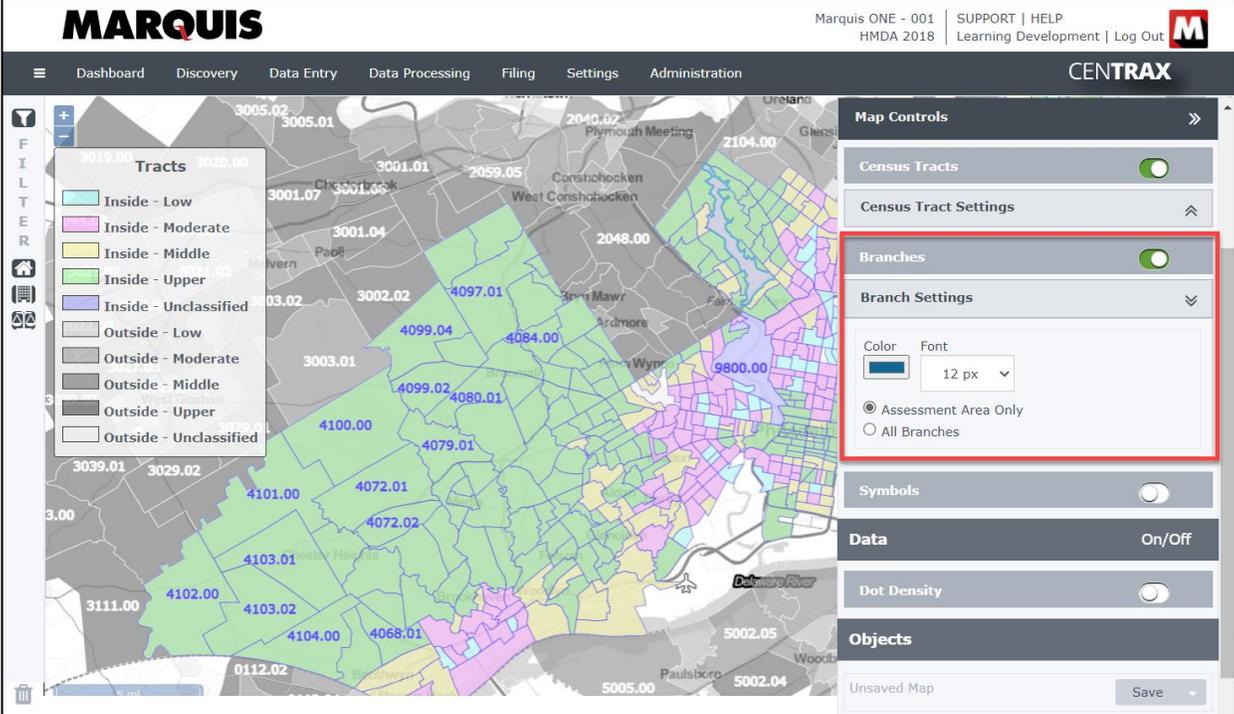
20.4 Use the drop-down arrow to select the desired Color Theme

- **Tract Income Level**
- **Tract Minority Level**

20.5 Click in the **color box** for each level to change the color, if desired

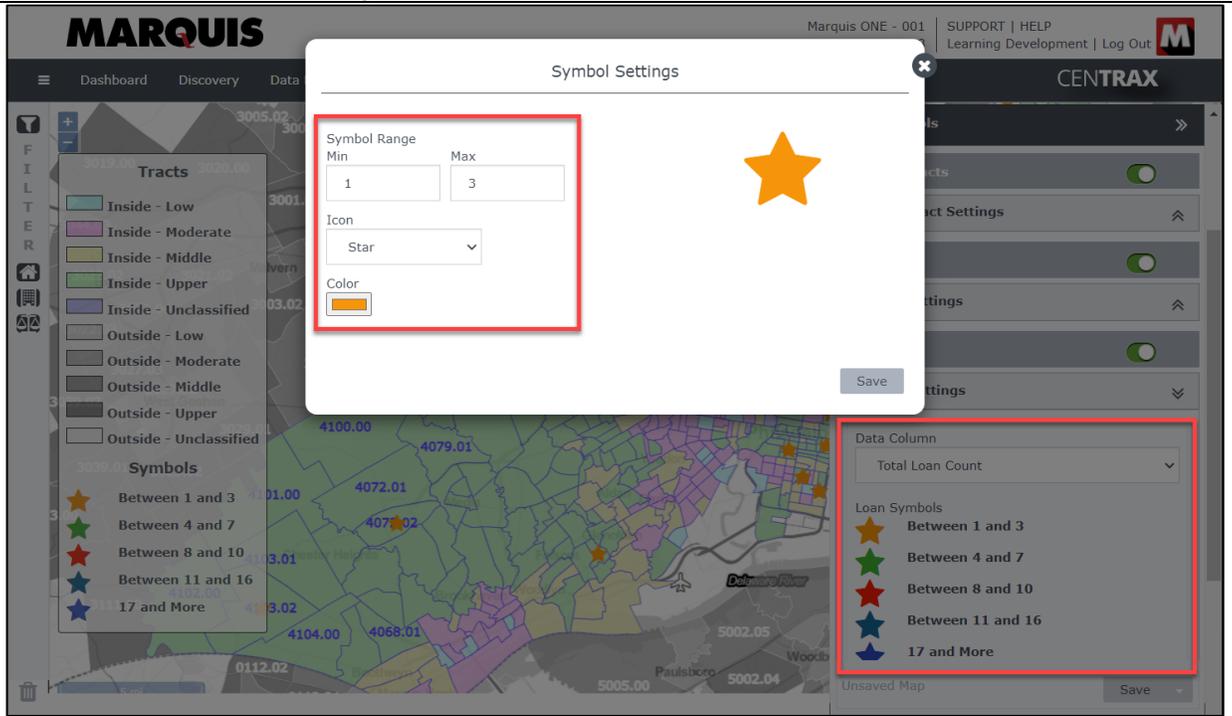


Step 21	Enable/Disable the Branches layer to place an overlay of the branches populated within the Branches table
21.1	Click the chevron icon  to view Branch Settings
21.2	Click in the color box to change the color, if desired
21.3	Use the drop-down arrow to change the Font size , if desired
21.4	Click the radio dial to select which branches to display:
	<ul style="list-style-type: none"> • Assessment Area Only: Display only those branches located within the filtered Assessment Area
	<ul style="list-style-type: none"> • All Branches: Display all branches regardless of their location



The screenshot displays the MARQUIS CENTRAX web application interface. At the top, the navigation menu includes Dashboard, Discovery, Data Entry, Data Processing, Filing, Settings, and Administration. The main map area shows various tracts color-coded by risk level. A 'FILTER' sidebar on the left lists categories like 'Inside - Low', 'Inside - Moderate', etc. On the right, the 'Map Controls' sidebar is open, and the 'Branches' section is highlighted with a red border. This section shows the 'Branches' layer is turned on, and the 'Branch Settings' are expanded to show a color selection box (currently blue), a font size dropdown set to '12 px', and two radio button options: 'Assessment Area Only' (selected) and 'All Branches'.

Step 22	Enable/disable the Symbols layer to place an overlay of symbols identifying a range of records located within each census tract based on the selected Data Column
22.1	Click the chevron icon  to view Symbol Settings
22.2	Use the drop-down arrow to select the desired Data Column
22.3	To change the symbol settings, click on a symbol range in the list
22.4	Enter the desired Min and Max for the range, if desired
22.5	Use the drop-down arrow to select the desired symbol
22.6	Click in the Color box to change the color, if desired

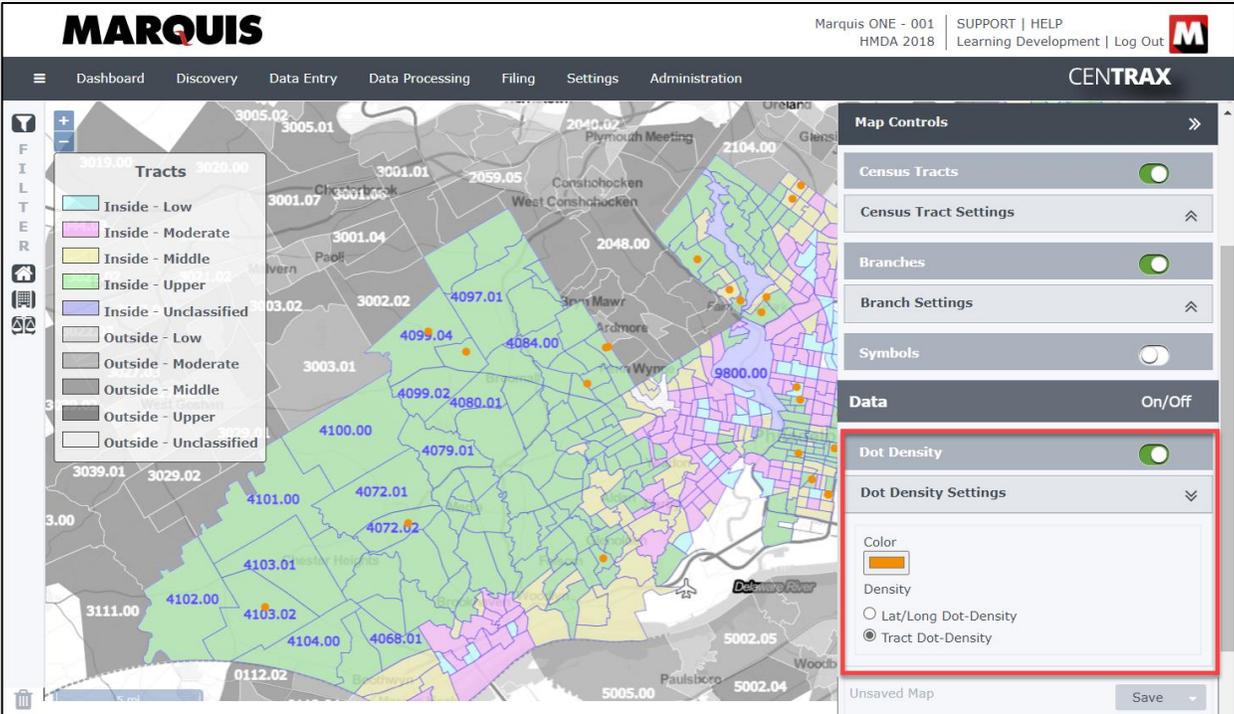


The screenshot displays the MARQUIS application interface. A 'Symbol Settings' dialog box is open, showing the following configuration:

- Symbol Range:** Min: 1, Max: 3
- Icon:** Star
- Color:** Orange

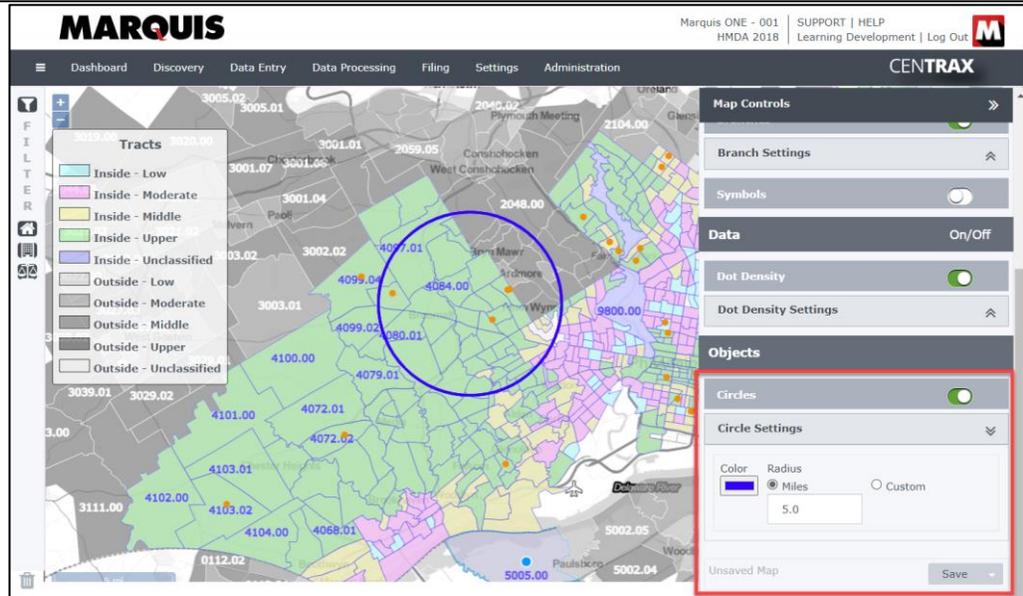
The background shows a map with various census tracts. A 'Symbols' legend is visible on the left, listing ranges and their corresponding symbols. On the right, a 'Data Column' dropdown is set to 'Total Loan Count', and a 'Loan Symbols' list is shown below it, with the 'Between 1 and 3' range selected.

Step 23	Enable/disable the Dot Density layer to place an overlay of dots where each loan is located
23.1	Click the chevron icon  for Dot Density Settings
23.2	Click in the Color box to change the color, if desired
23.3	Select the Density to apply:
	<ul style="list-style-type: none"> • Lat/Long Dot - Density: Place a dot on the specific latitude/longitude of the address on the loan record • Tract Dot - Density: Place a dot in the center of the census tract assigned to the loan record

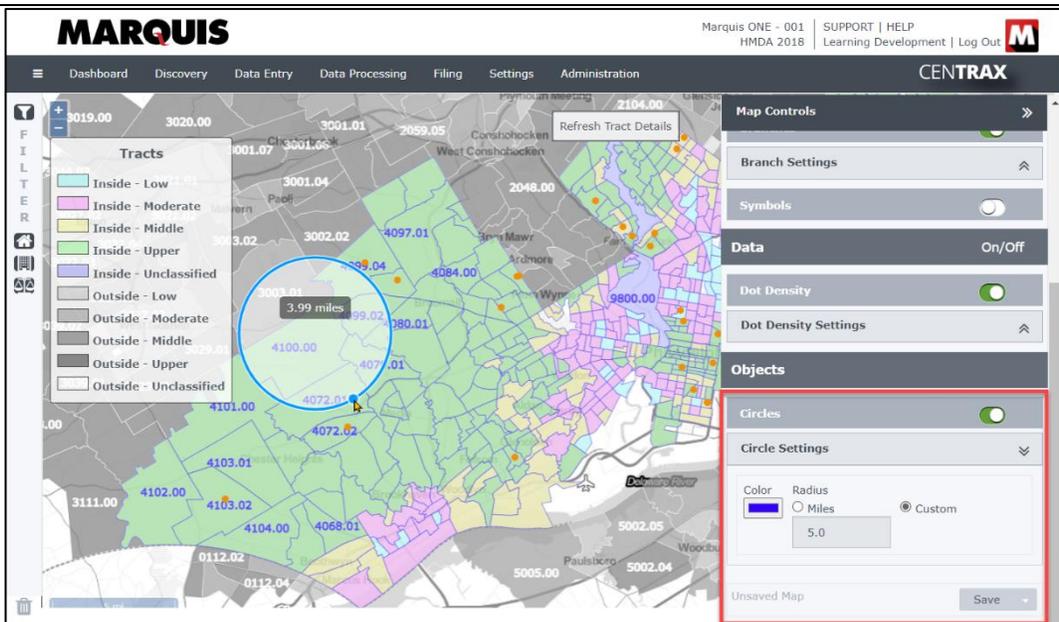


The screenshot displays the MARQUIS CENTRAX web application interface. At the top, the navigation menu includes Dashboard, Discovery, Data Entry, Data Processing, Filing, Settings, and Administration. The main map area shows a geographic view with various colored tracts and orange dots representing loan locations. A legend on the left side of the map lists tract categories: Inside - Low (light blue), Inside - Moderate (pink), Inside - Middle (yellow), Inside - Upper (green), Inside - Unclassified (purple), Outside - Low (grey), Outside - Moderate (dark grey), Outside - Middle (black), Outside - Upper (dark grey), and Outside - Unclassified (white). On the right side, the 'Map Controls' panel is visible, with the 'Dot Density' toggle switch turned on. Below it, the 'Dot Density Settings' panel is expanded, showing a color selection box (orange), a 'Density' section with radio buttons for 'Lat/Long Dot-Density' and 'Tract Dot-Density' (the latter is selected), and a 'Save' button at the bottom right.

Step 24	To place a radius circle on the map, enable Circles under Objects
Step 25	Click the chevron icon  for Circle Settings
25.1	Click in the Color box to change the color, if desired
Step 26	To use a default radius, enter the desired number of miles into the Miles box
26.1	Click in the map to designate the center of the radius circle
	The circle will automatically draw



Step 27	To create a custom radius circle, click the Custom radio dial
27.1	Click on the map for the center of the circle and drag out to the desired miles
27.2	Let go of the mouse once the desire miles is reached



Repeat the process until all desired radius circles are drawn

Step 28	Disable Circles once the radius circles are complete
Note: It is important to disable the Circles layer when no longer drawing circles. If it is enabled, anytime the mouse is clicked on the map, a circle will be drawn.	
Step 29	To delete circles from the map, click anywhere on the circle AFTER the Circles tool have been disabled
Step 30	To save the map, click the Save button located at the bottom of the Map Controls box
30.1	Enter a Map Name
30.2	Use the drop-down arrow to select a Map Group from a list, or enter a new Map Group Name into the box
30.3	Click Save
Step 31	To print the map, click the drop-down arrow by Save
31.1	Click Print
31.2	Modify the Map Title , if desired
31.3	Click and drag the Legend to the desired location on the map, if desired
31.4	Click Print

The screenshot displays the MARQUIS CENTRAX web application. At the top, the navigation bar includes 'Dashboard', 'Discovery', 'Data Entry', 'Data Processing', 'Filing', 'Settings', and 'Administration'. The main map area shows a geographic region with various colored tracts and a legend on the left. A blue circle is drawn on the map. The 'Map Controls' panel on the right is open, showing options for Zip Codes, Census Tracts, Branches, Symbols, Data, and Objects. The 'Objects' section is expanded, showing a dropdown menu with options: Save As, New, Open, Map Manager, and Print. The 'Print' option is highlighted with a red box.