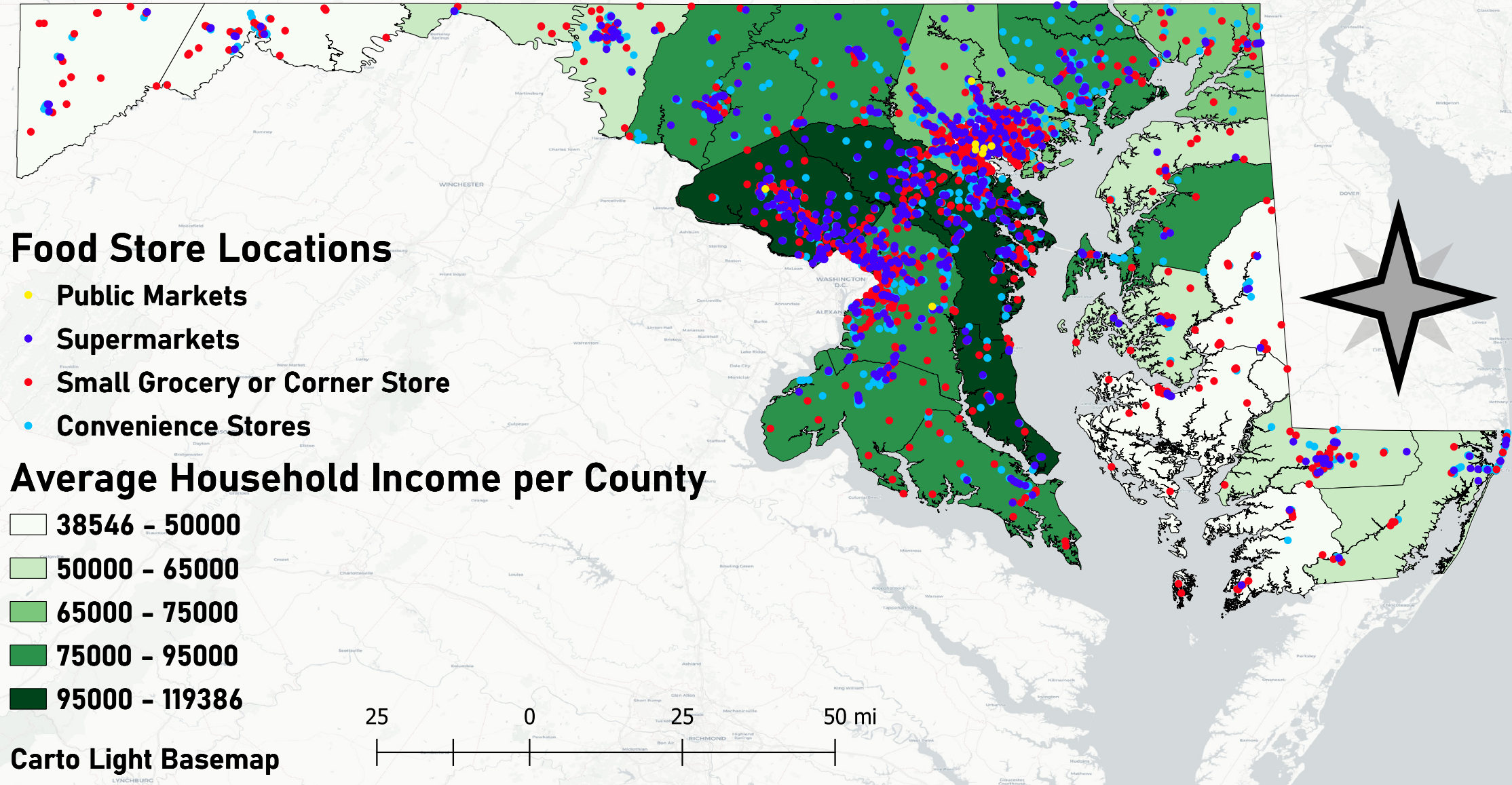


Average Household Income per County in Maryland and Locations of All Food Stores

Sophie Peet

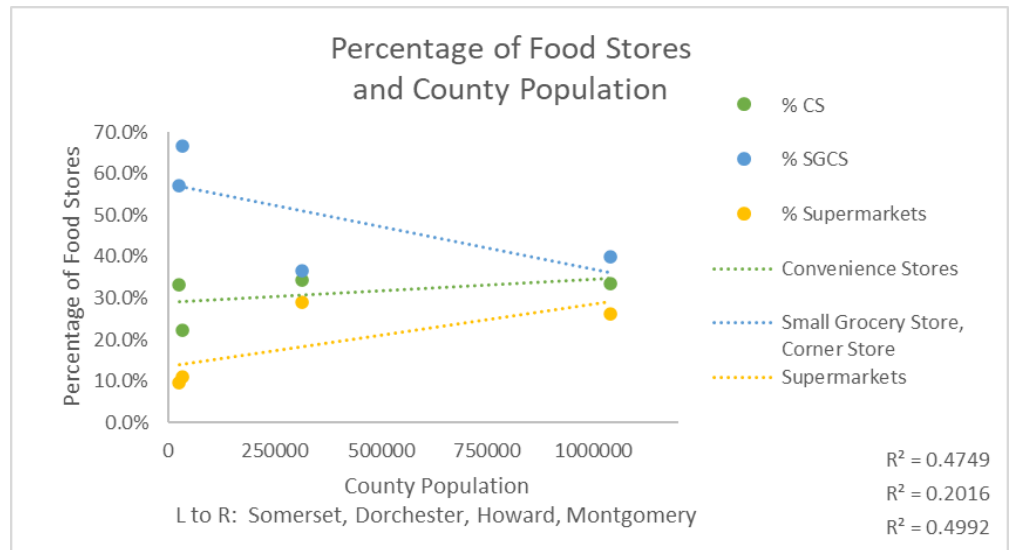
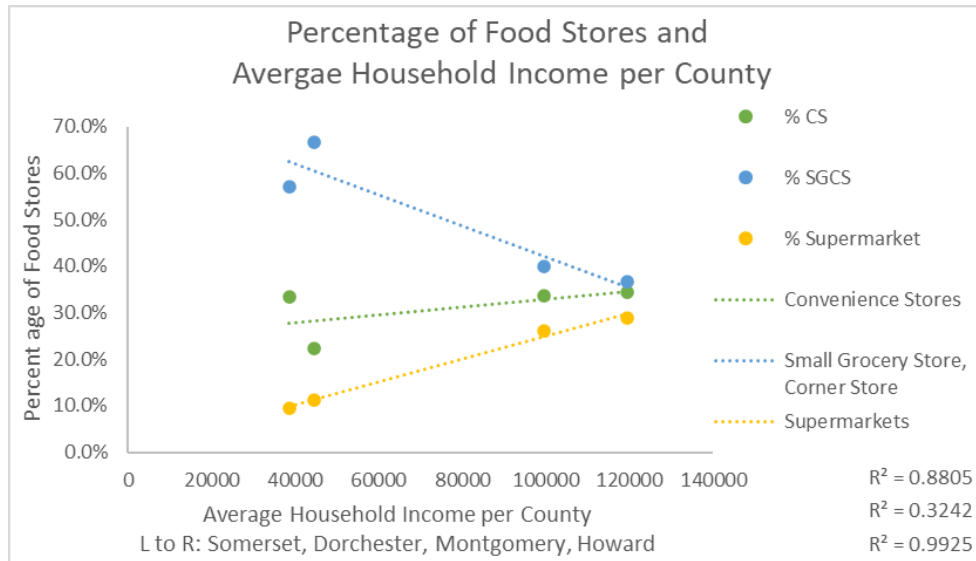
Data: Maryland.gov, Carto, QGIS,
maryland-demographics.com, md.us



Graphs

These graphs show the relationship between: Average Household Income per County and Percentage of Food Store Type, and County Population and Percentage of Food Store Type. There are 4 types of food stores in Maryland; Public Markets, Small Groceries or Corner Stores, Supermarkets, and Convenience Stores. In the graphs only 3 categories are shown because only 1 county (Montgomery County) in the set of 4 counties shown (Montgomery County, Howard County, Dorchester County, and Somerset County) has a Public Market.

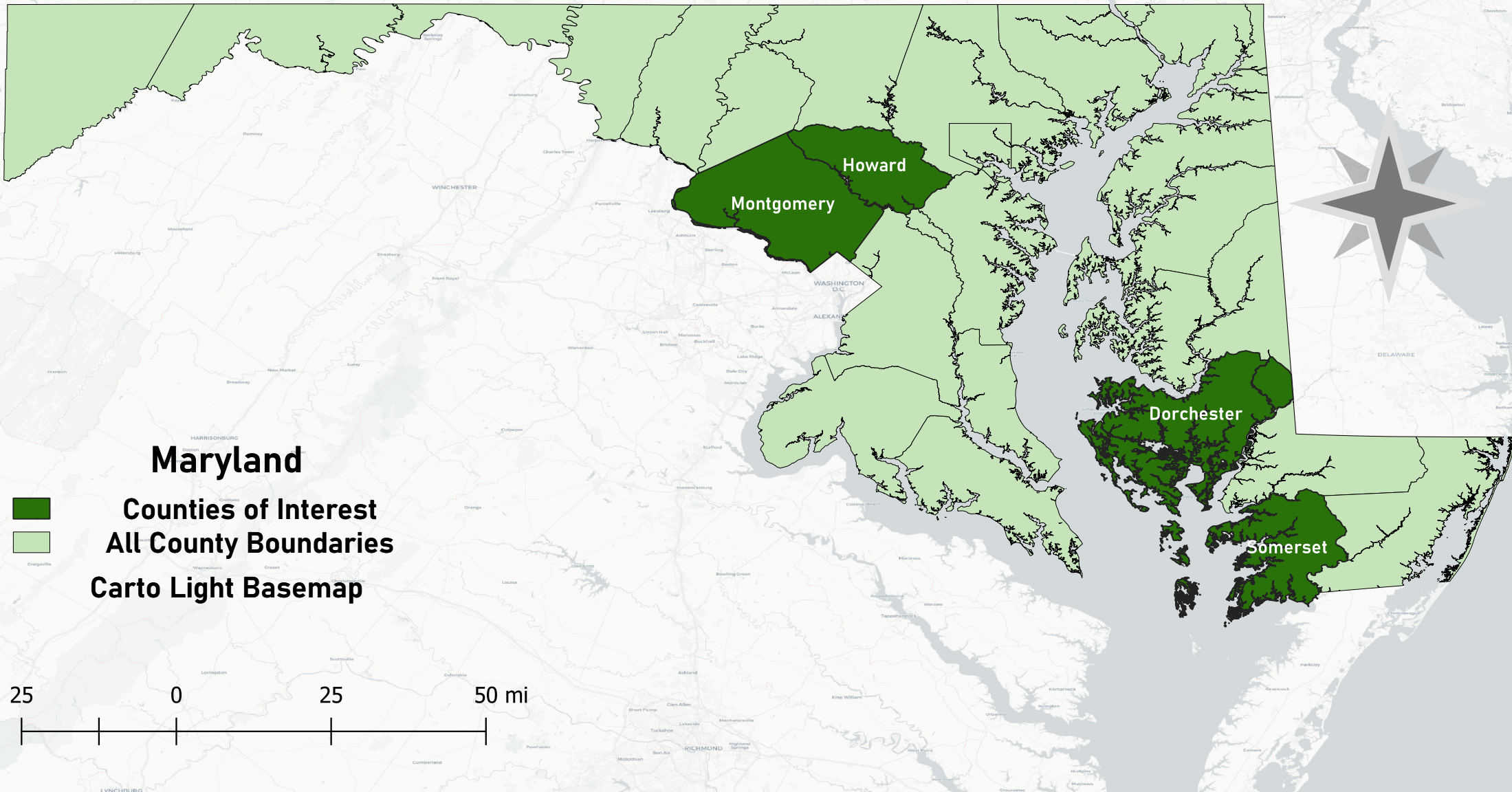
The R^2 value for each “line of best fit” is shown on each graph. These show correlation between the two variables. By looking at these graphs you can see the R^2 values for the Average Household Income data are higher than the Population data, so these could show a more significant relationship to explore in the next set of graphs. The two highest and two lowest Average HH Income per County were chosen for this project.



Counties in Maryland, Counties of Interest: Highest and Lowest Household Incomes

Sophie Peet

Data: Maryland.gov, Carto, QGIS,
maryland-demographics.gov, md.us



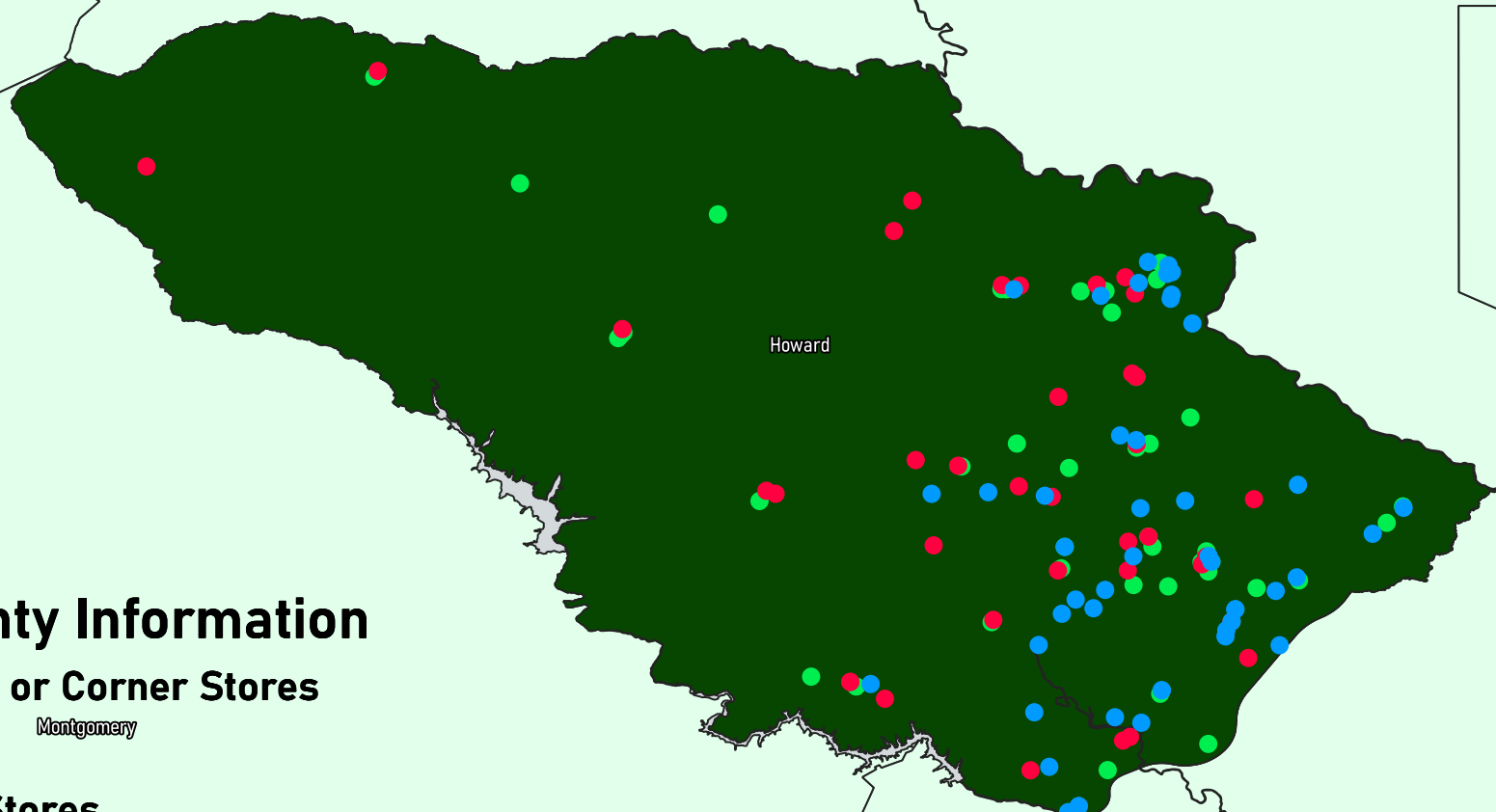
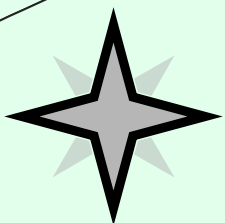
Howard County, Maryland Food Store Locations and Statistics

Sophie Peet
Data: Maryland.gov, QGIS, Carto,
md.us, maryland-demographics.com

Frederick

Carroll

Baltimore



Baltimore City

Howard

Howard County Information

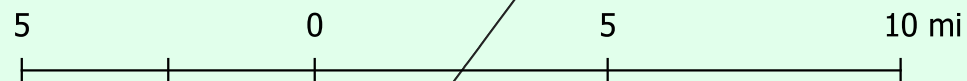
- Small Grocery or Corner Stores
- Supermarkets
- Convenience Stores
- County Boundary
- Other Maryland County Boundaries

Montgomery

Anne Arundel

Prince Georges

Carto Light Basemap

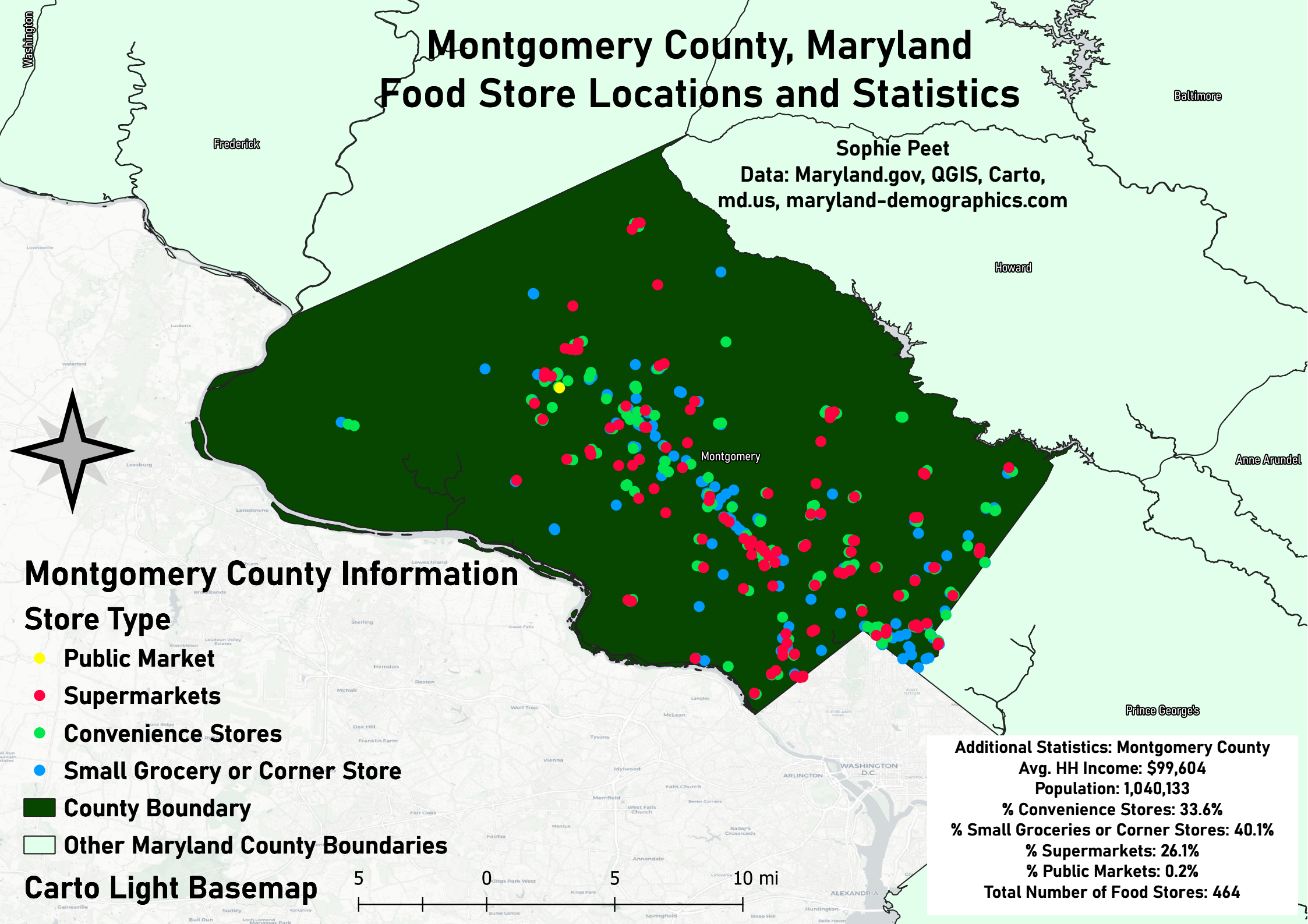


Additional Statistics: Howard County
Avg. HH Income: \$119,386
Population: 315,327
% Convenience Stores: 34.4%
% Small Groceries or Corner Stores: 36.7%
% Supermarkets: 28.9%
% Public Markets: 0.0%
Total Number of Food Stores: 128

Montgomery County, Maryland Food Store Locations and Statistics

Sophie Peet

Data: Maryland.gov, QGIS, Carto,
md.us, maryland-demographics.com

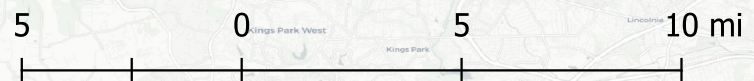


Montgomery County Information

Store Type

- Public Market
- Supermarkets
- Convenience Stores
- Small Grocery or Corner Store
- County Boundary
- Other Maryland County Boundaries

Carto Light Basemap

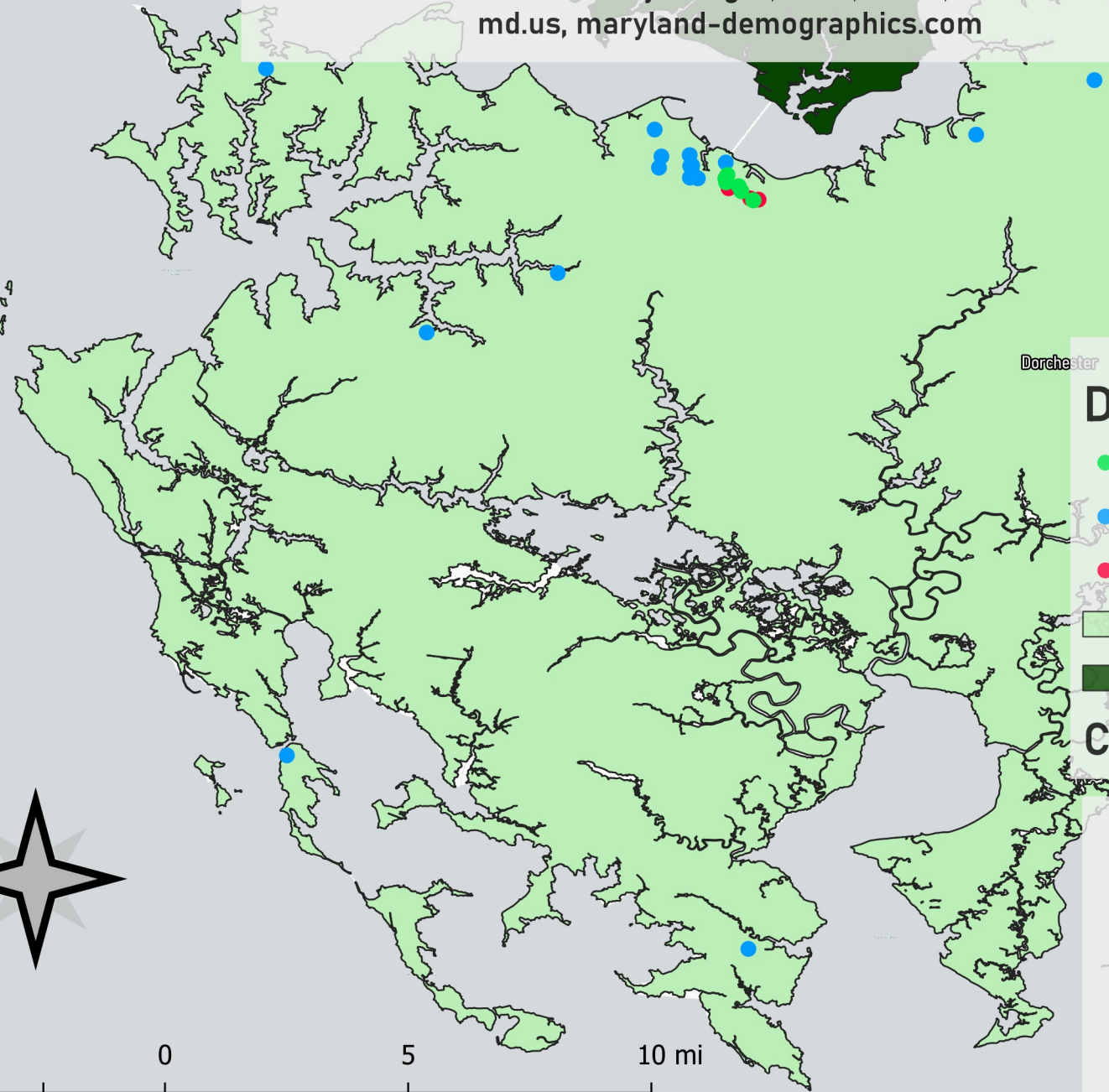


Additional Statistics: Montgomery County
 Avg. HH Income: \$99,604
 Population: 1,040,133
 % Convenience Stores: 33.6%
 % Small Groceries or Corner Stores: 40.1%
 % Supermarkets: 26.1%
 % Public Markets: 0.2%
Total Number of Food Stores: 464

Dorchester County, Maryland Food Store Locations and Statistics

Sophie Peet

Data: Maryland.gov, QGIS, Carto, md.us, maryland-demographics.com



Dorchester County Information

- Convenience Stores
- Small Grocery or Corner Store
- Supermarkets
- County Boundary
- Other Maryland County Boundaries

Carto Light Basemap

Additional Statistics: Dorchester County
Avg. HH Income: \$44,491
Population: 32,261
% Convenience Stores: 22.2%
% Small Groceries or Corner Stores: 66.7%
% Supermarkets: 11.1%
% Public Markets: 0.0%
Total Number of Food Stores: 36

Somerset County, Maryland Food Store Locations and Statistics

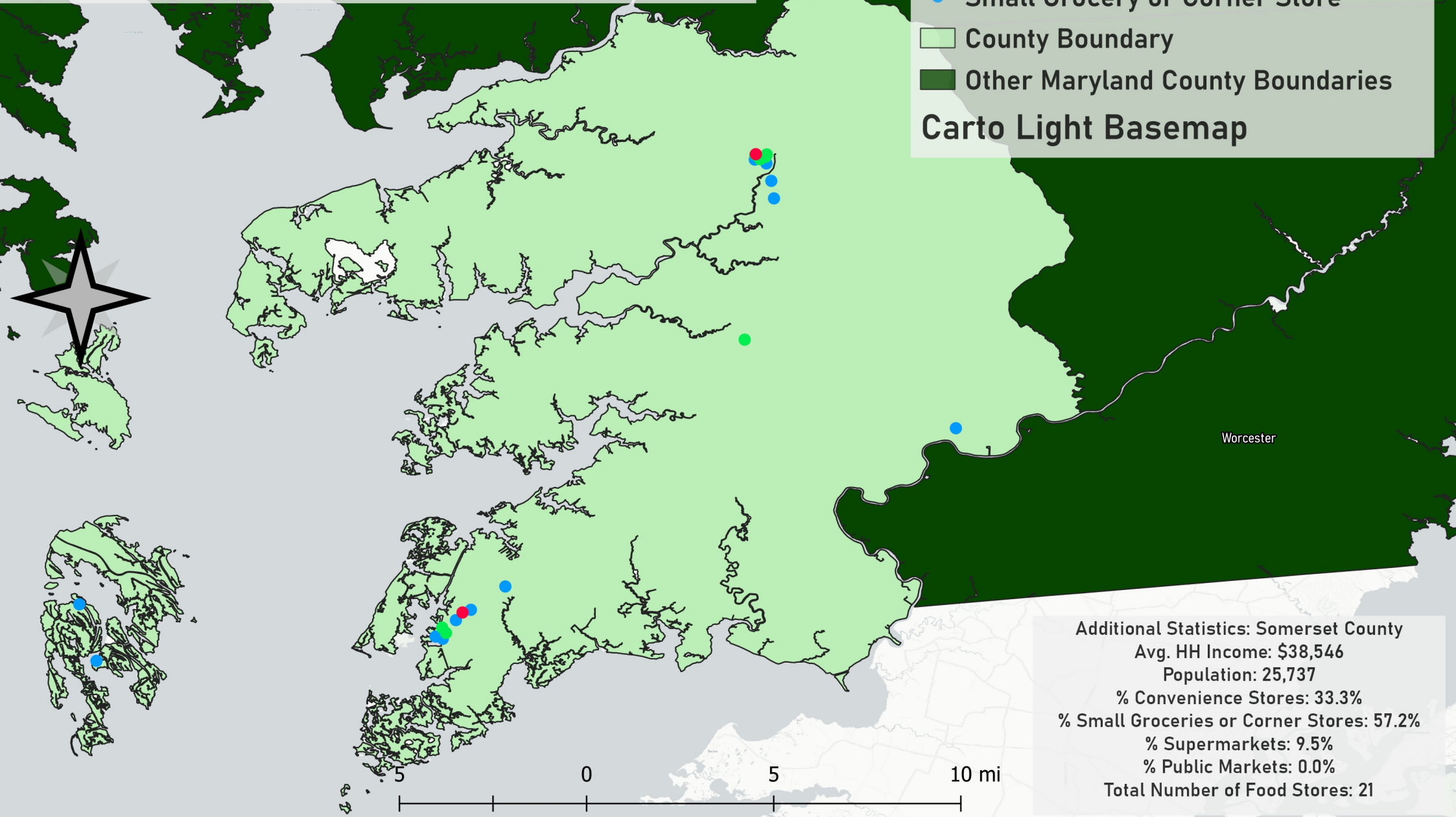
Sophie Peet

Data: Maryland.gov, QGIS, Carto,
md.us, maryland-demographics.com

Somerset County Information

- Supermarkets
- Convenience Stores
- Small Grocery or Corner Store
- County Boundary
- Other Maryland County Boundaries

Carto Light Basemap



Additional Statistics: Somerset County
Avg. HH Income: \$38,546
Population: 25,737
% Convenience Stores: 33.3%
% Small Groceries or Corner Stores: 57.2%
% Supermarkets: 9.5%
% Public Markets: 0.0%
Total Number of Food Stores: 21