

# The Geography of the Tattoo Parlor - Long Island, New York

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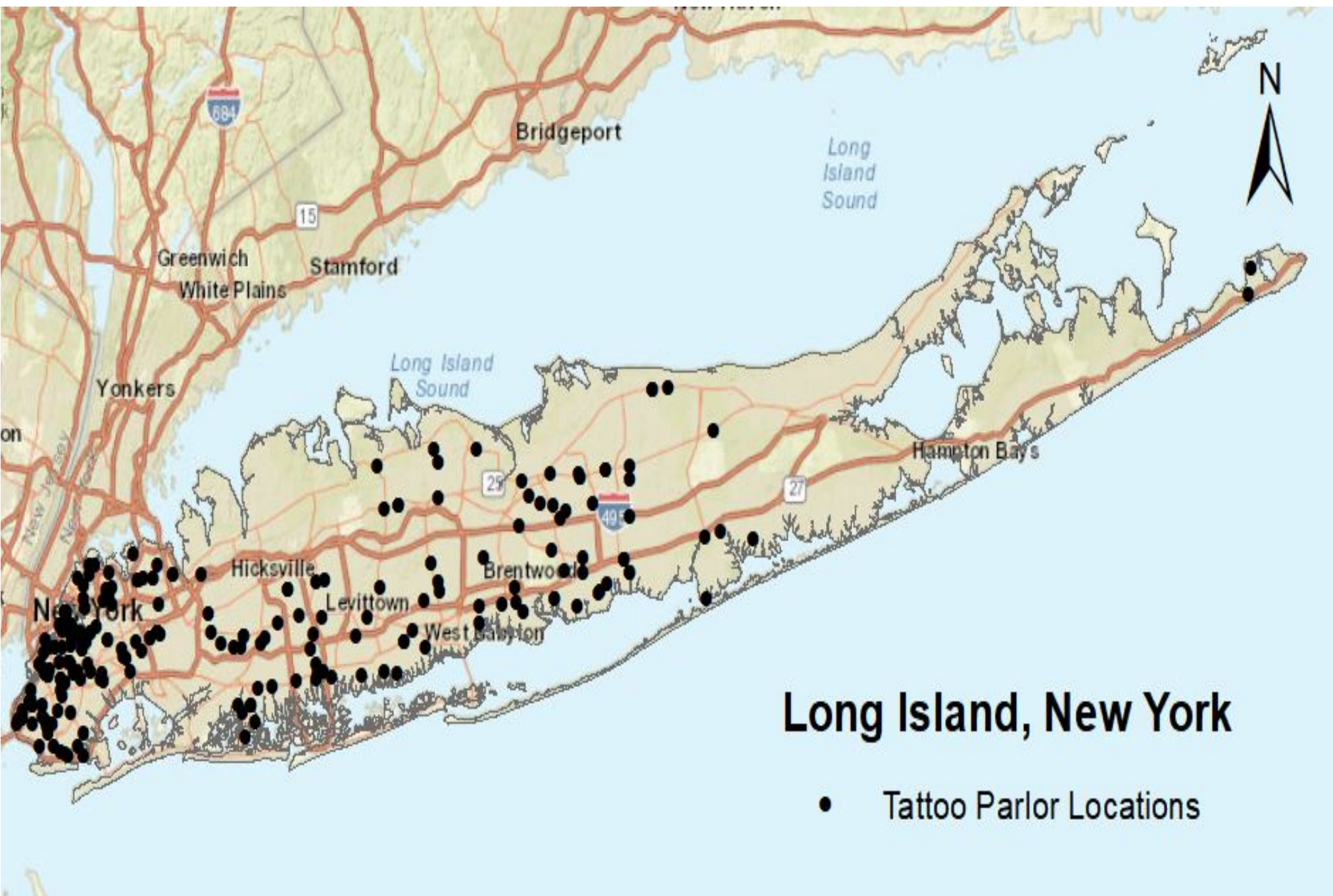
## Objectives

This researcher seeks to create a user and industry-friendly share-point that would allow for the establishment of a verifiable data source of locations along with a list of corresponding attribute data for participating tattooing spaces/artists. The initial study maps out the known tattoo parlors found on Long Island and seeks to answer the following questions:

- What is the spatial distribution of the tattoo parlors found on Long Island?
- Where are the parlor locations on Long Island compared to the major roads, demographic and economic layers of information?

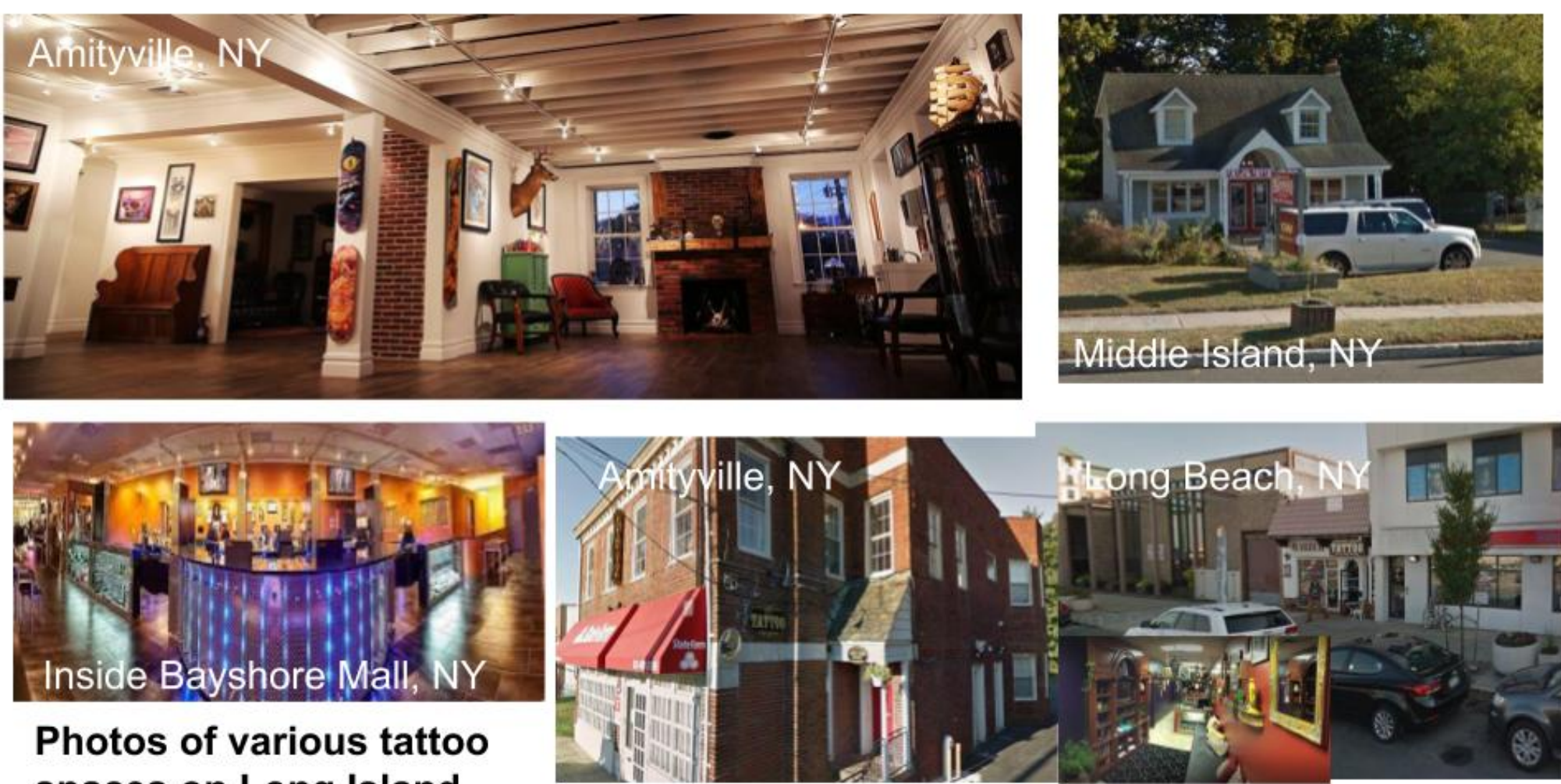
## Introduction

Tattoo consumption in American mainstream society has increased in popularity, thereby generating the need for a verified map cataloging the tattoo artists and tattooing spaces found in the United States. This geographic investigation begins with a map of the tattoo parlors found on Long Island, New York. This researcher seeks to establish a user and industry-friendly share-point (with a map) that would serve as a verifiable source of locations along with corresponding attribute data (e.g. shop type, artist contact information and type of genre/style available) for participating tattooing spaces/artists.



Tattoo Parlor Locations

## Cultural Landscape of Tattoo Parlors



Photos of various tattoo parlors found on Long Island, inside and outside glimpses.

## Exploratory Analysis Results

County	Count (#) of Shops	Percentage (%) of Parlors located on Major Road	Top Towns by Zip Code Count (#)
Kings	96	27%	Brooklyn (11211) #15
Queens	43	47%	Jackson Heights (11372) #4
Nassau	35	83%	Oceanside (11572) #5
Suffolk	67	84%	Patchogue (11772) #4
<b>Total</b>	<b>241</b>		

Results of exploratory analysis of tattoo locations by county results include; number of tattoo parlors, percent of locations near major road and the top zip code for count of parlors.

## Conclusion

This research is just starting out, therefore a poster presentation is a useful way to provide valuable preliminary information on the spatial distribution of tattoo shops and to spark interesting discussions with conference attendees regarding the cultural landscape of tattoos, tattoo artists, and tattoo parlors.

## Future Work

- Categorize the parlor types.
- Create a verified tattoo artists location list.
- Survey artists at their locations and/or at tattoo conventions.
- Survey the clients, those receiving tattoos, at tattoo establishments and at conventions.

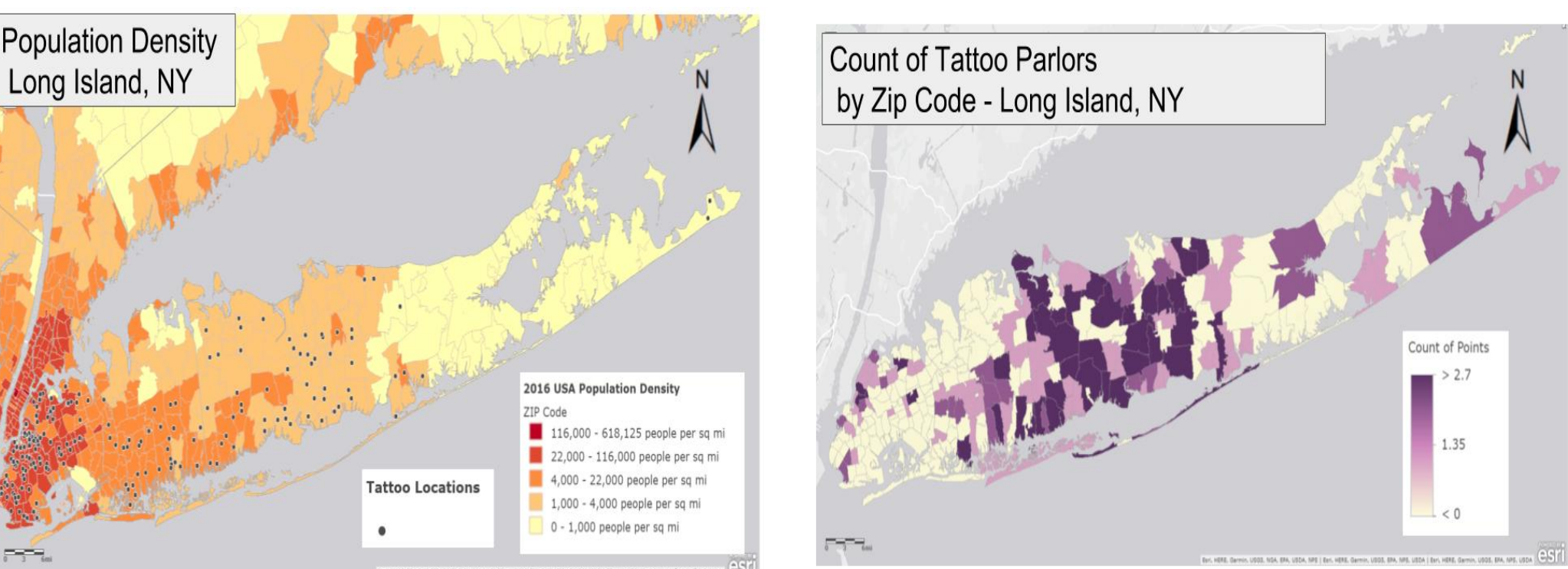
## Data Sources

- U.S. Census Bureau. 2017 TIGER/Line Shapefiles: Roads.
- Tattoo parlor locations were found using combination of data collected from Suffolk County, Nassau County and querying the Google Maps for "tattoo shops" for all four counties on Long Island.
- Maps were created using ArcGIS software/data by Esri. ArcGIS and ArcMap are the intellectual property of Esri and are used herein under license. Copyright Esri. All rights reserved. For more information about Esri software, please visit [www.esri.com](http://www.esri.com).

## Important Result

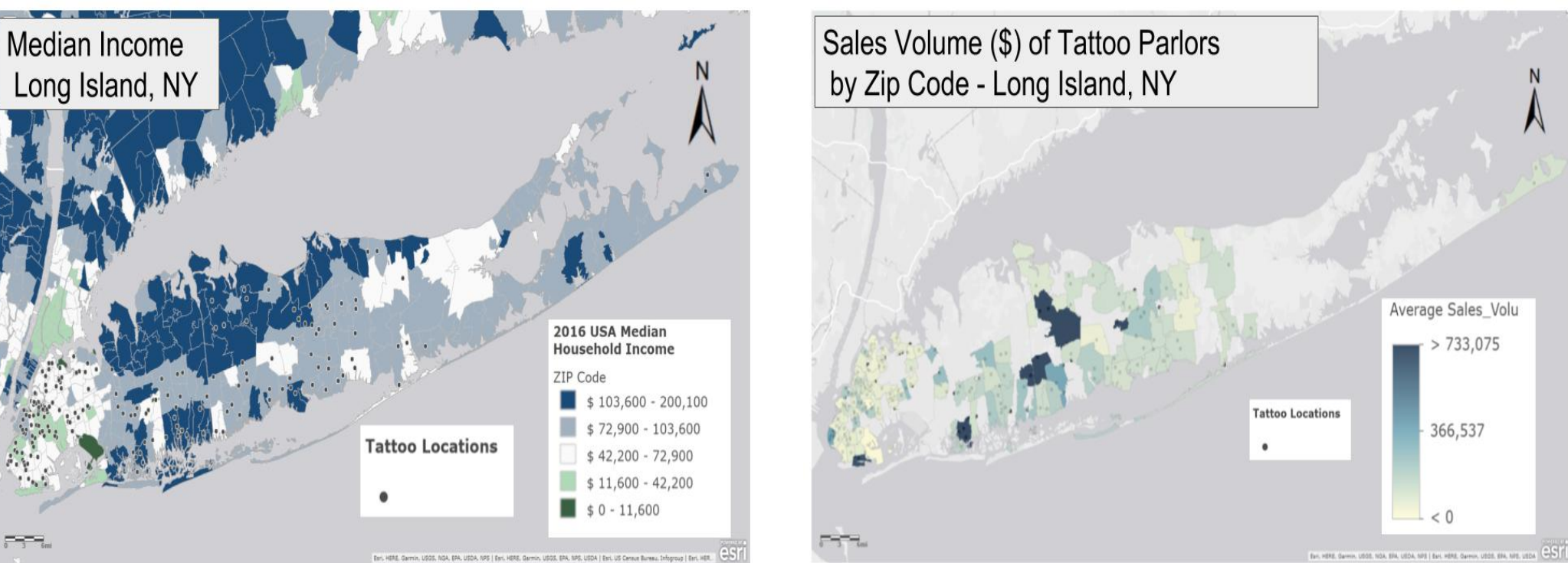
In general tattoo parlors located on Long Island, NY are **found in lower Median Income areas** and are in **close proximity to a Major Road**. *Hot Spot Analysis* produced maps of statistically significant hot and cold spots of parlor locations present Long Island. **Noticeable cold spot zip codes**, that is those zip codes that are close to a Major Road and neighbor a zip code where tattoo parlors are present, are as follows; Glen Head, Old Westbury and Great Neck.

## Tattoo Parlor locations Relative to Population and Income Variables



Population Density (2016) and Tattoo Parlor Locations

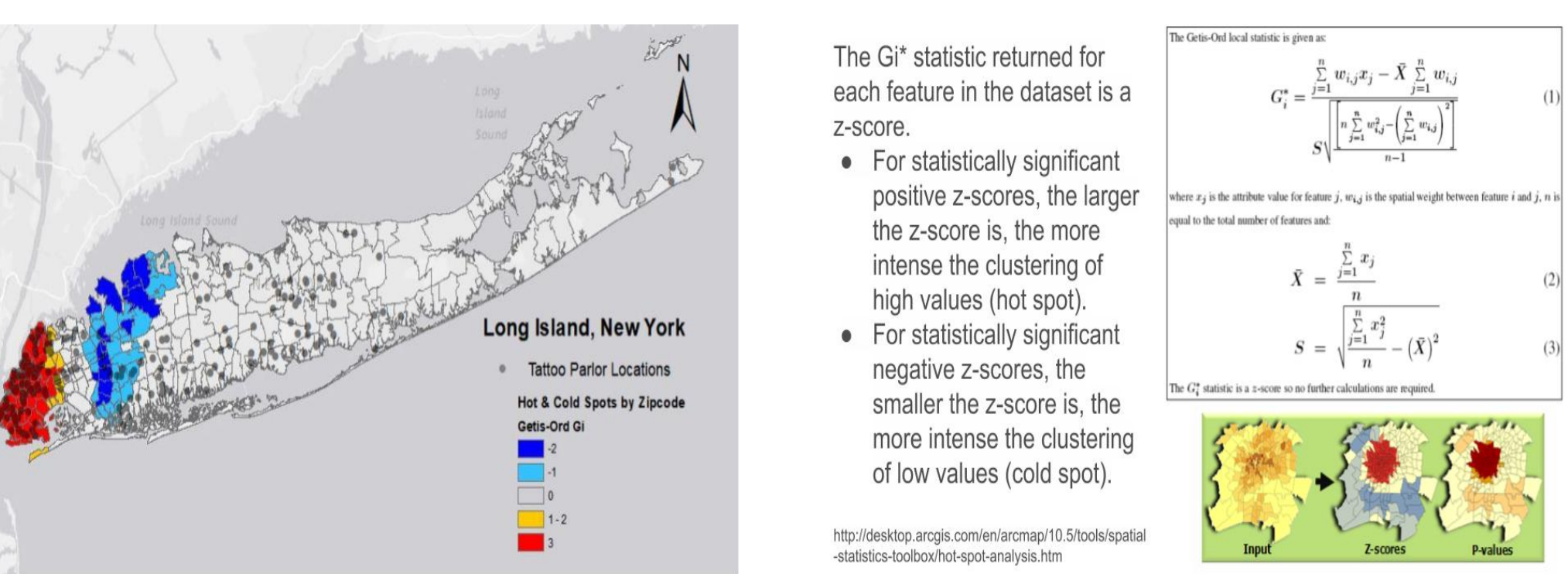
Map of Count of Locations by Zip Code



Median Income (2016) and Tattoo Parlor Locations

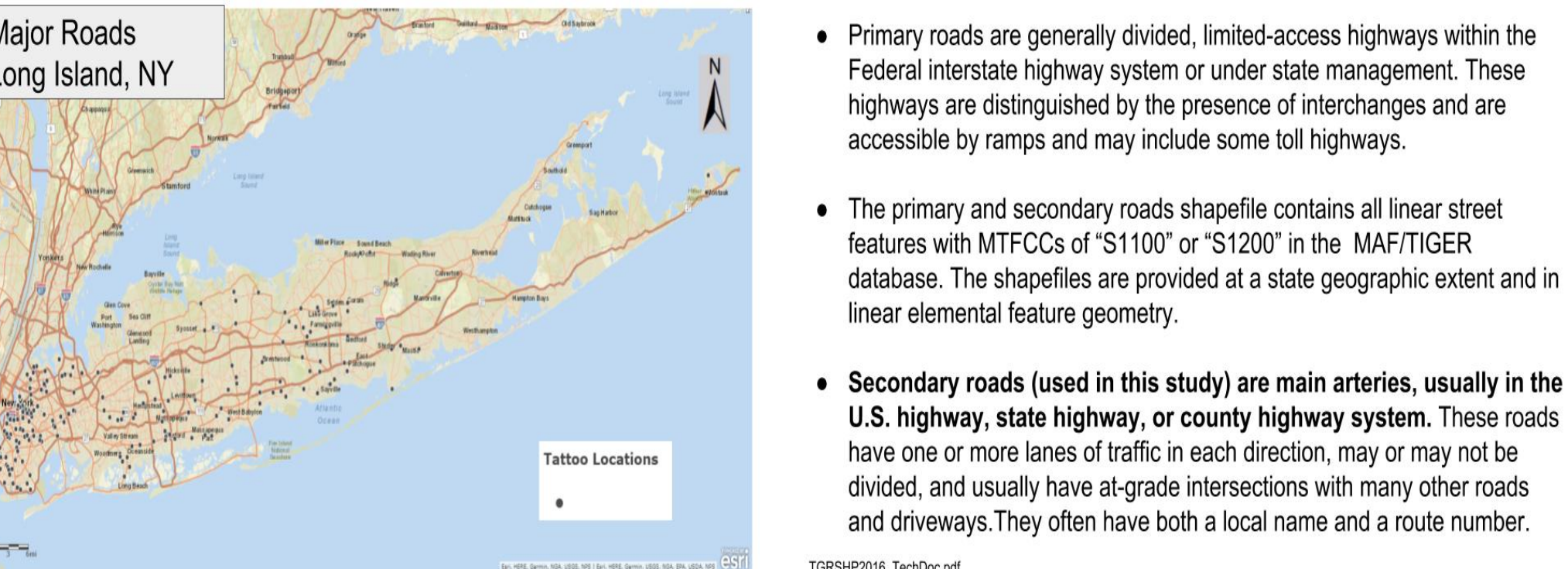
Map of Sales Volume (\$) of Locations by Zip Code

## Hot Spot Analysis and Proximity to a Major Road



Parlor Location Hot and Cold Spot Analysis Map

Explanation of the Hot spot Analysis



Tattoo Parlor Proximity to Major Roads Map

Explanation of Major Roads Data

## Contact Information

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