Crime Rates in Erie and Niagara County

Gavin Molly
2019 GIS UB Camp
Niagara Falls High school

Purpose

The purpose of my research is to see where in Erie and Niagara County, is the safest place to live. Is their a relationship between the cities crime rates? Are cities that are closer together more likely to have similar crime rates?
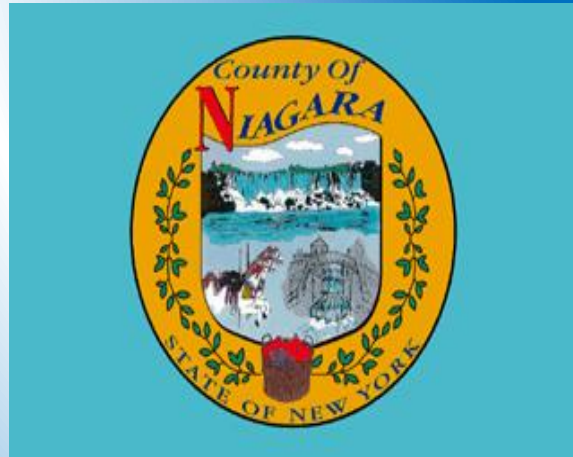
I did this by finding the crime rates of the city's, and then compared them to each other.

Locations:

Niagara County

- Niagara Falls
- Lockport
- Wheatfield
- North Tonawanda
- Lewiston
- Youngstown
- Olcott
- Newfane
- Ransomville
- Gasport
- Middleport
- Wilson
- Pendleton
- Hartland
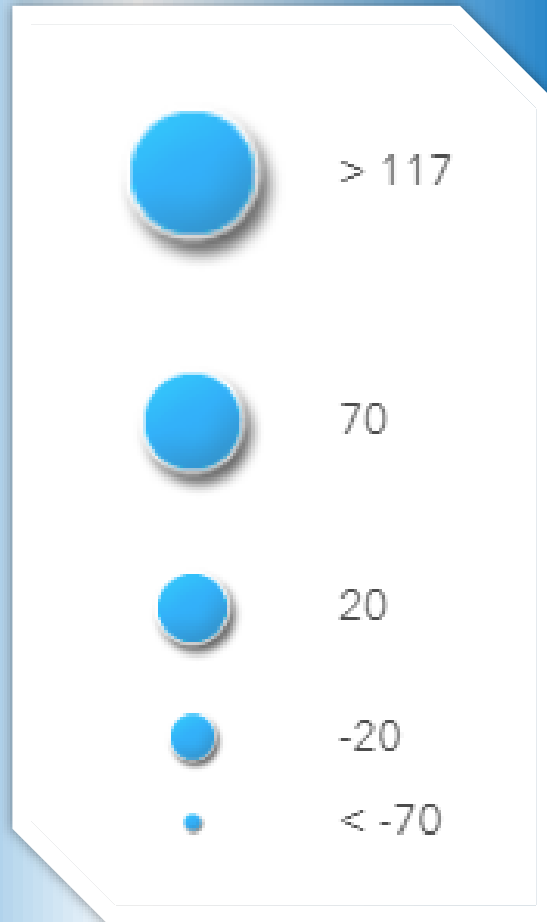- South Lockport
- Somerset
- Rapids

Erie County

- Akron
- Alden
- Angola
- Blasdell
- Buffalo
- Cheektowaga
- Clarence
- Depew
- East Aurora
- Eden
- Gowanda
- Grand Island
- Hamburg
- Kenmore
- Lackawanna
- Lancaster
- Newstead
- North Collins
- Orchard park
- Sloan
- Springville
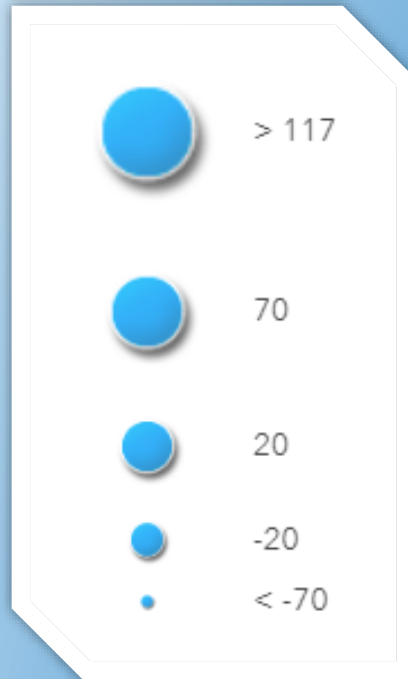- Tonawanda
- West Seneca
- Williamsville
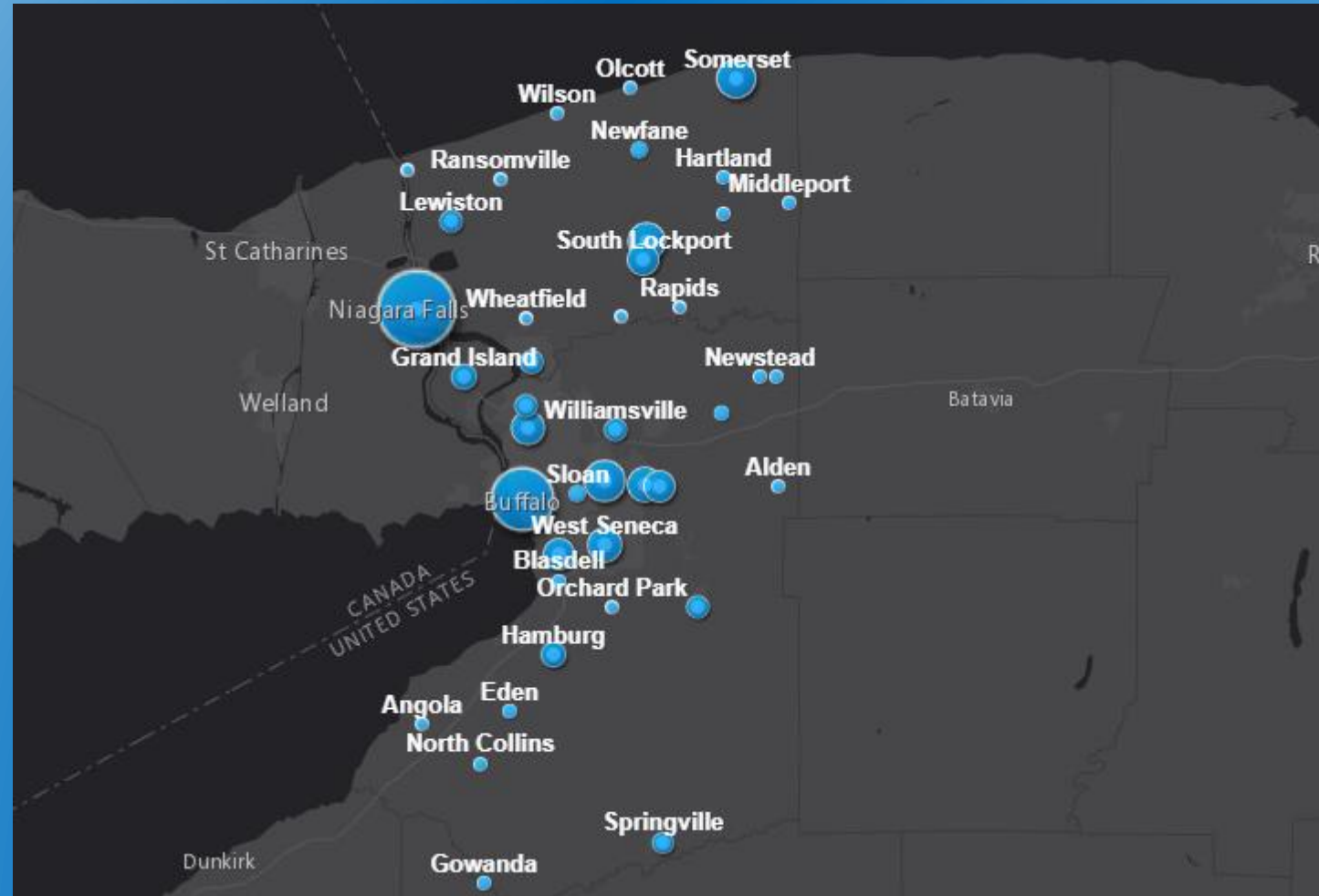
Analysis:

> 117

70

20

-20

< -70

-I used Hotspot analysis for my data. The different sized dots show the different crime rates. Some dots are larger than others which means that city has a higher crime rate. The smaller dots mean the crime rate is lower.

Results

As a result their was no Hotspot. So, a higher crime rate doesn't mean that there is a hotspot

<u>References</u>

http://www.areavibes.com

http://www.homefacts.com

Career Plans

Who I am

- I like football, lacrosse, video games, and Social Studies
- I am good at sports, Social Studies, Math, and Science.
- My interest areas are Realistic, Enterprising, and Social.

Where I'm headed

- I researched a Real Estate Agent. A Real Estate Agent is someone who helps people sell and buy houses.
- Bachelors and Real Estate license.
- I am interested in Real Estate because they help people find their dream homes and you get to look into different communities around you.

Career Plans

How can I get there

- I can do research on my occupation.
- Talk to someone who works as a Real Estate Agent.
- Watch HGTV

Who can help me

- My parents
- A counselor

How can I use GIS in my job

- GIS can be used by taking places where my client wants to live near and look for houses that are for sale near those places.