

# Erie County Chemical Dependency Treatment Gaps and Barriers Analysis

[2019]

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**Accessibility Maps:**

Erie County Excluding the City of Buffalo [With Municipal Boundaries]

All Programs and Types	27
Crisis Programs	28
Inpatient Programs	29
Methadone Programs	30
Outpatient Programs	31
Residential Programs	32

City of Buffalo Only

All Programs and Types	33
Crisis Programs	34
Inpatient Programs	35
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Outpatient Programs	37
Residential Programs	38

**Maps of Comparison of Accessibility (2017 to 2019)**

Erie County Excluding the City of Buffalo [with Municipal Boundaries]

All Programs and Types	39
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City of Buffalo Only

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Emergency Programs	45
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Support Programs

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## **Gaps and Barriers Analysis Overview**

The Gaps and Barriers Analysis for Treatment Services in Erie County compares the provision of treatment services within each ZIP code area to selected risk indicators. Gaps are identified where there is a mismatch between the treatment services and risk level (e.g. no/low treatment provision & high risk). First, the distribution of treatment services was evaluated by compiling information about all certified NYS Office of Alcoholism and Substance Abuse Services (OASAS) treatment programs and their locations through the OASAS website. These data were tallied by ZIP code for each program type.

Maps were developed from these data to evaluate the spatial distribution of programs in Erie County and then to examine existing gaps in service provision against the areas of highest risk. The maps of treatment programs are broken down into five categories that correspond to none, one, a few (2 or 3), some (4 or 5) and many (more than 5). The gaps and barriers analysis for treatment programs compares the highest level of aggregated risk for ZIP codes in Erie County with the number of treatment programs. Risk Indicators Database (RIDB) measures were summed and then re-quartiled for this aggregated risk measure; the locations with the highest level of risk are those with aggregated measures that fall in the fourth quartiles of either ZIP codes in Erie County excluding City of Buffalo and ZIP codes in the City of Buffalo only.

Accessibility was measured using definitions instituted by the U.S. Department of Agriculture Economic Research Service through research on food access. In urban areas, accessibility is defined as being within 1 mile; and in rural areas, within 10 miles. Maps showing ZIP codes of highest risk were derived by creating straight line distance buffers around the geocoded locations of OASAS treatment program locations for both Erie County excluding Buffalo and the City of Buffalo only. These locations included programs from neighboring counties if they were within 10 miles of the Erie County border.

## **Gaps and Barriers Analysis Results**

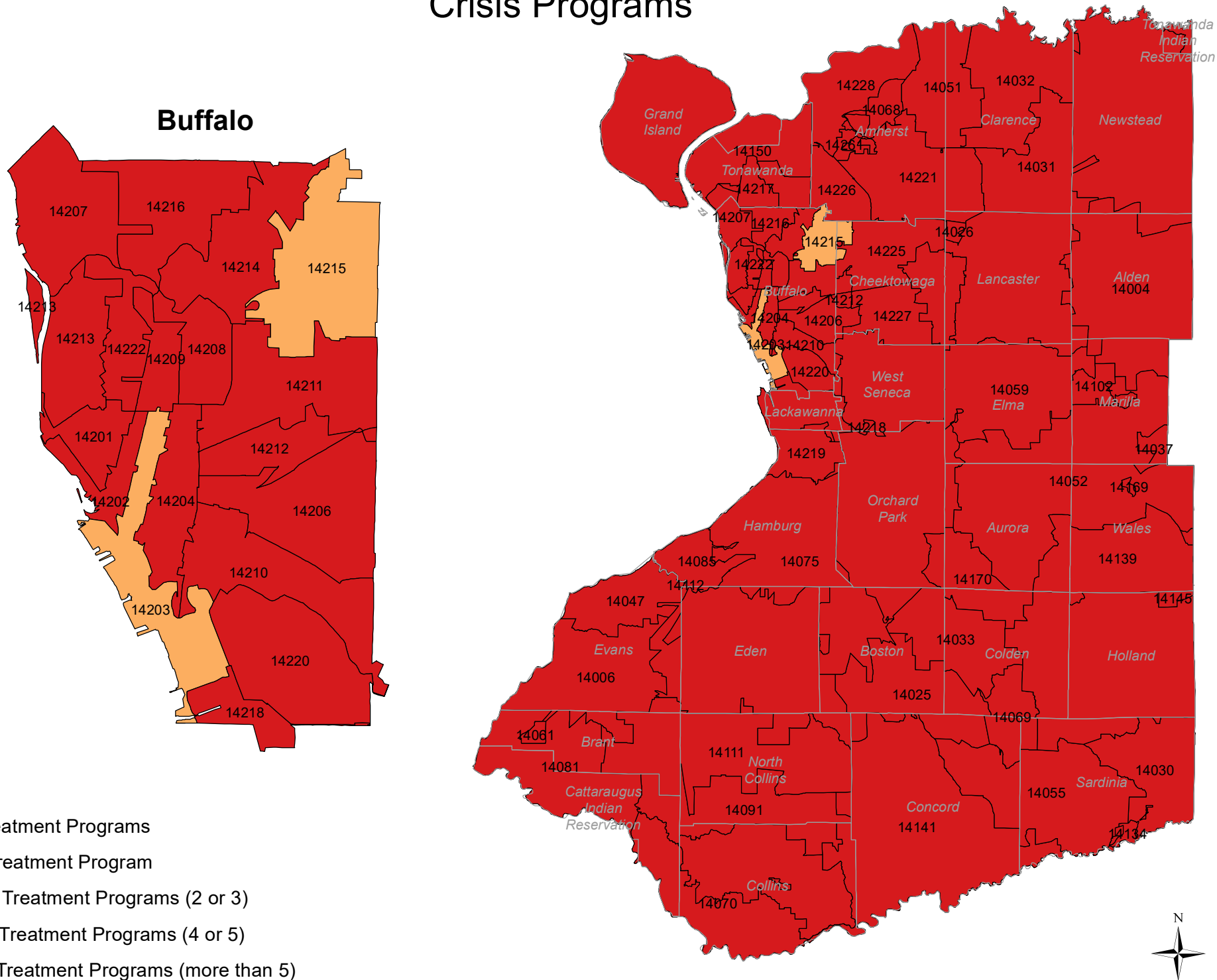
- Descriptive Maps of Treatment Program Locations
  - Many ZIP codes in Erie County do not contain any type of treatment program, particularly in the rural eastern and southwestern portions of the county. However the City of Buffalo and first ring suburbs have a substantial allocation of programming, with a majority having at least one program.
  - Crisis and inpatient programs are found primarily within the City of Buffalo while opioid programs are within the City of Buffalo and two suburban locations (Orchard Park and Amherst).
  - Outpatient programs are the most prevalent type of program in the county, though coverage is still lacking in the eastern and southwestern portions of the county. There is intermittent coverage in the city, with programs primarily available in the West Side, parts of the East Side and South Buffalo. Overall, first ring suburbs have a good distribution of coverage but there are notable locations that lack any programs including Lancaster and Hamburg.
  - Residential programs are generally concentrated in the city but programs are also available in West Seneca and Eden.
- Maps of Highest Risk Locations with Treatment Programs
  - Erie County Excluding City of Buffalo



- Overall accessibility in Erie County has increased to cover nearly all of the county area outside of the City of Buffalo.
- Similarly, nearly all of Erie County has good accessibility to outpatient treatment programs with all highest risk ZIP codes having access to these programs within ten miles.
- Crisis program access has expanded slightly in the county since 2017, now including all of Grand Island, though this additional coverage is derived from programs available in Niagara County.
- Inpatient program access has increased, with additional coverage within the county in the southwest corner (from programs in Chautauqua). Program coverage for this type has decreased (due to changes in programming in Niagara County) in the northern fringes of the county.
- Opioid program access has expanded since 2017 and now includes substantial portions of first and second ring suburban communities in the County. However, further outlying communities, including the highest risk ZIP code 14006, remain without access within 10 miles.
- Most of the county continues to have access to residential treatment programs with no change in the coverage since 2017.
- City of Buffalo Only
  - Overall accessibility in the City of Buffalo has stayed relatively constant with some loss of programs in the West Side/Blackrock area and in the University Heights in the northeastern corner of the City. However, there has also been an increase in coverage to serve a portion of Larkinville in 14210.
  - Outpatient programs show similar coverage in 2019 as they had in 2017, with additions in 14215 and 14210, with a loss of coverage in the University Heights in the northeastern corner of the City.
  - Coverage for residential, crisis, inpatient and opioid program coverage remains the same as in 2017.

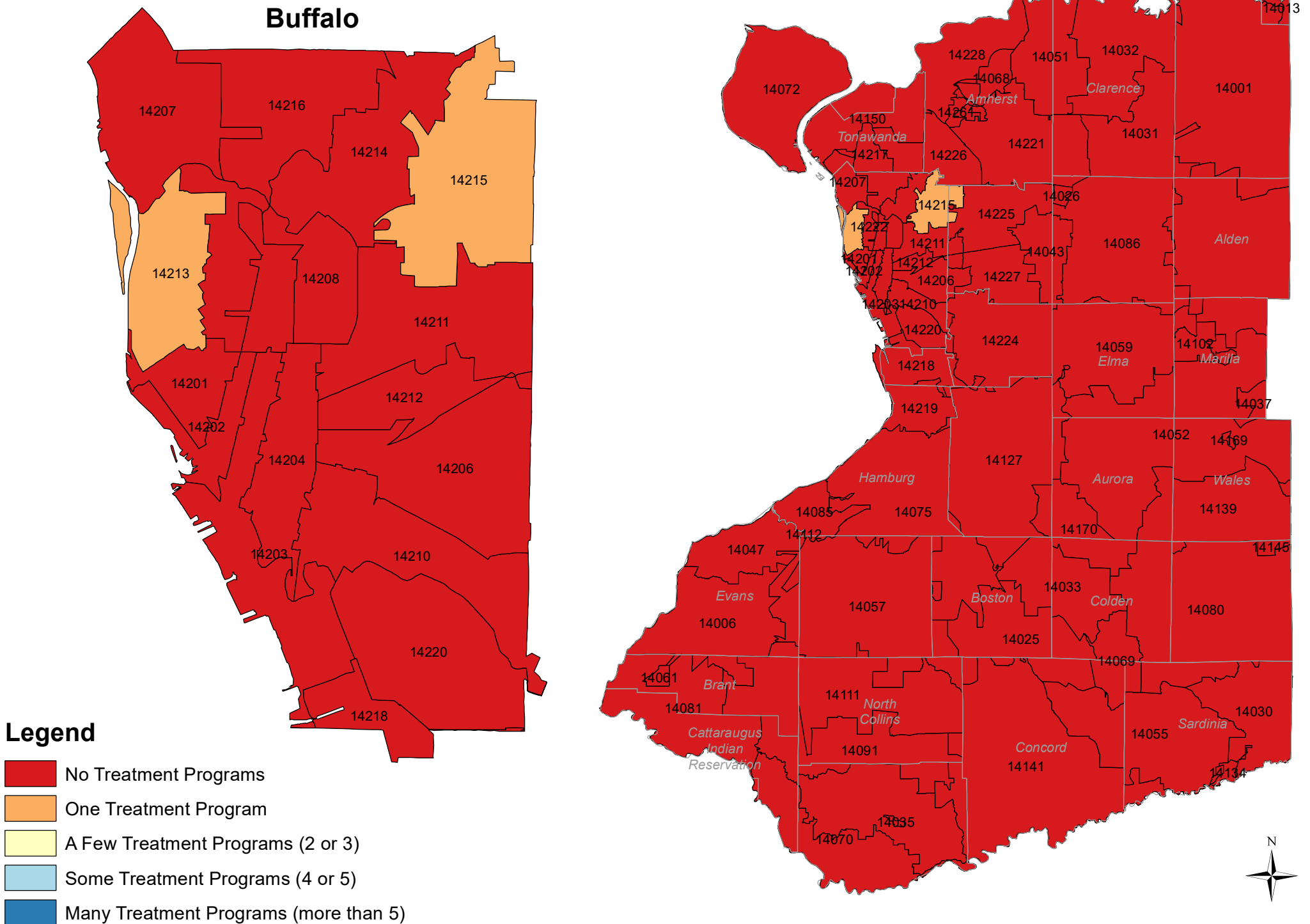


# Erie County Chemical Dependency Treatment Programs: Crisis Programs





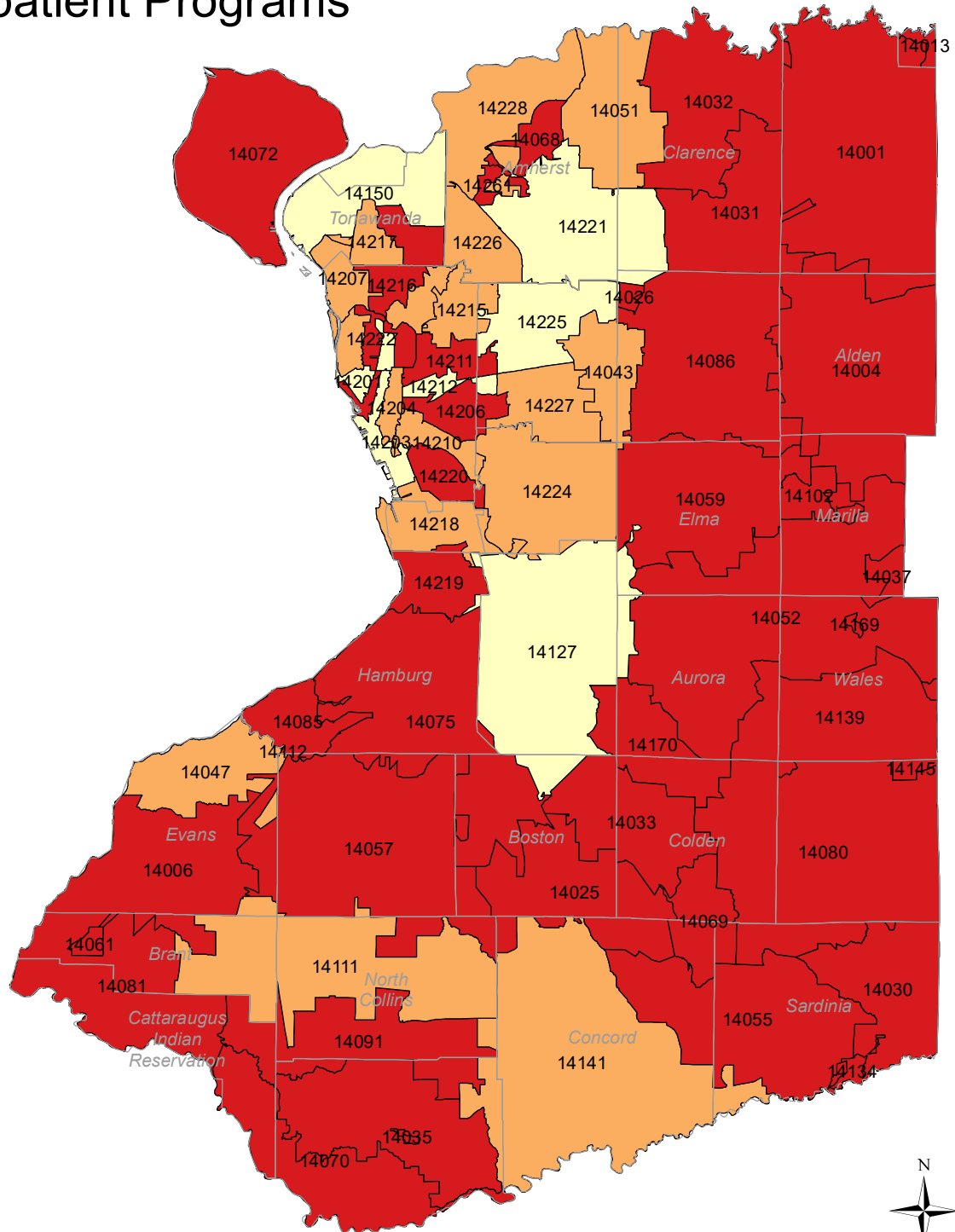
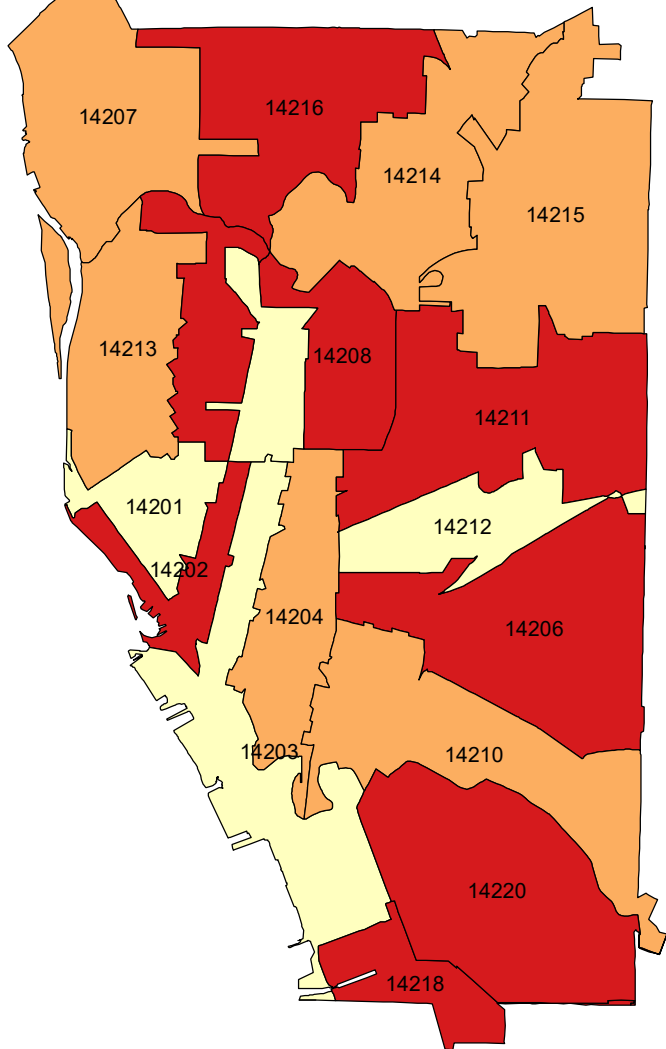
# Erie County Chemical Dependency Treatment Programs: Inpatient Programs





# Erie County Chemical Dependency Treatment Programs: Outpatient Programs

## Buffalo



- Legend**
- No Treatment Programs
  - One Treatment Program
  - A Few Treatment Programs (2 or 3)
  - Some Treatment Programs (4 or 5)
  - Many Treatment Programs (more than 5)

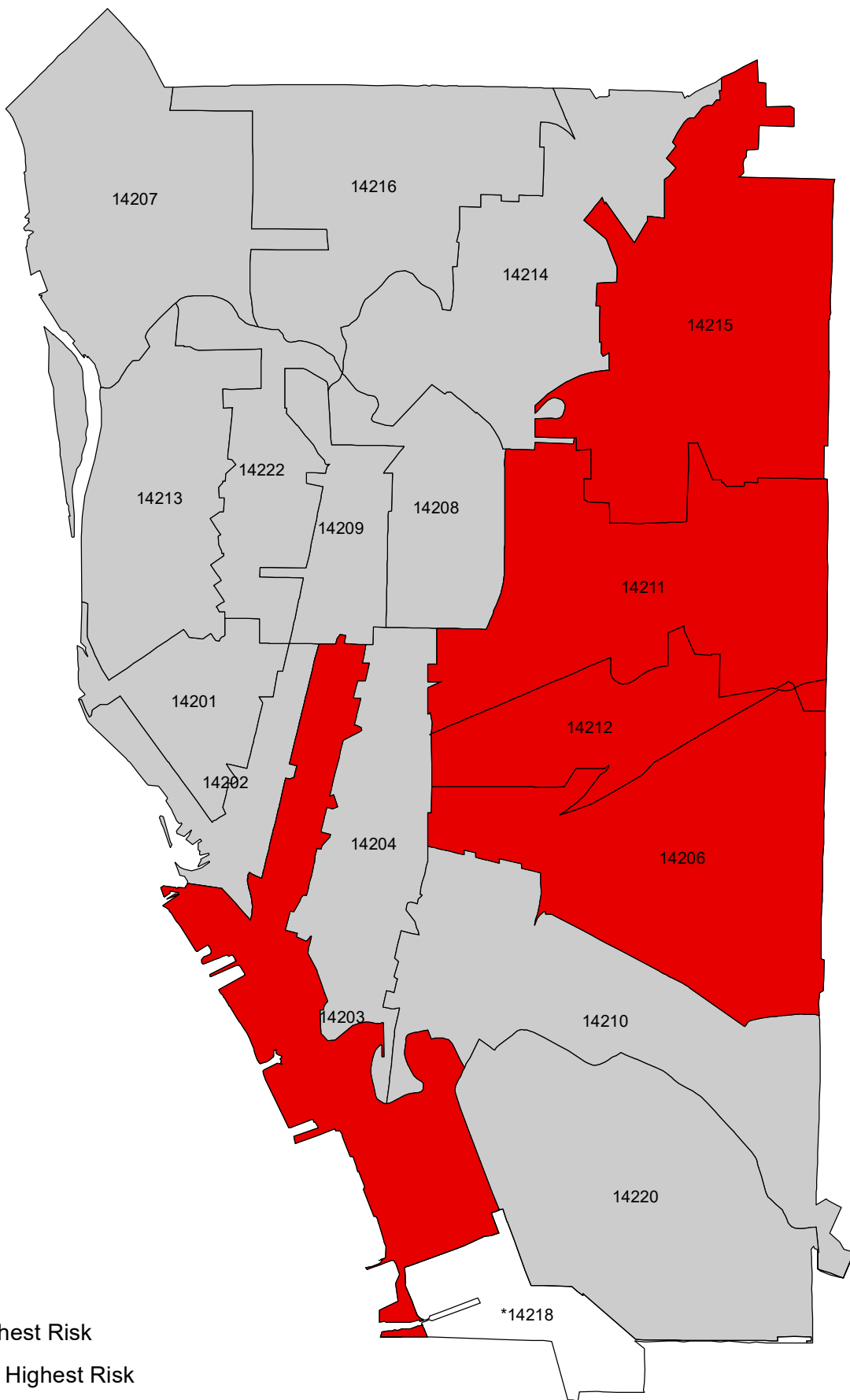








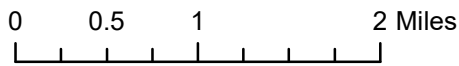
# ZIP Codes with Highest Level of Aggregated Risk

[City of Buffalo Only]



## Legend

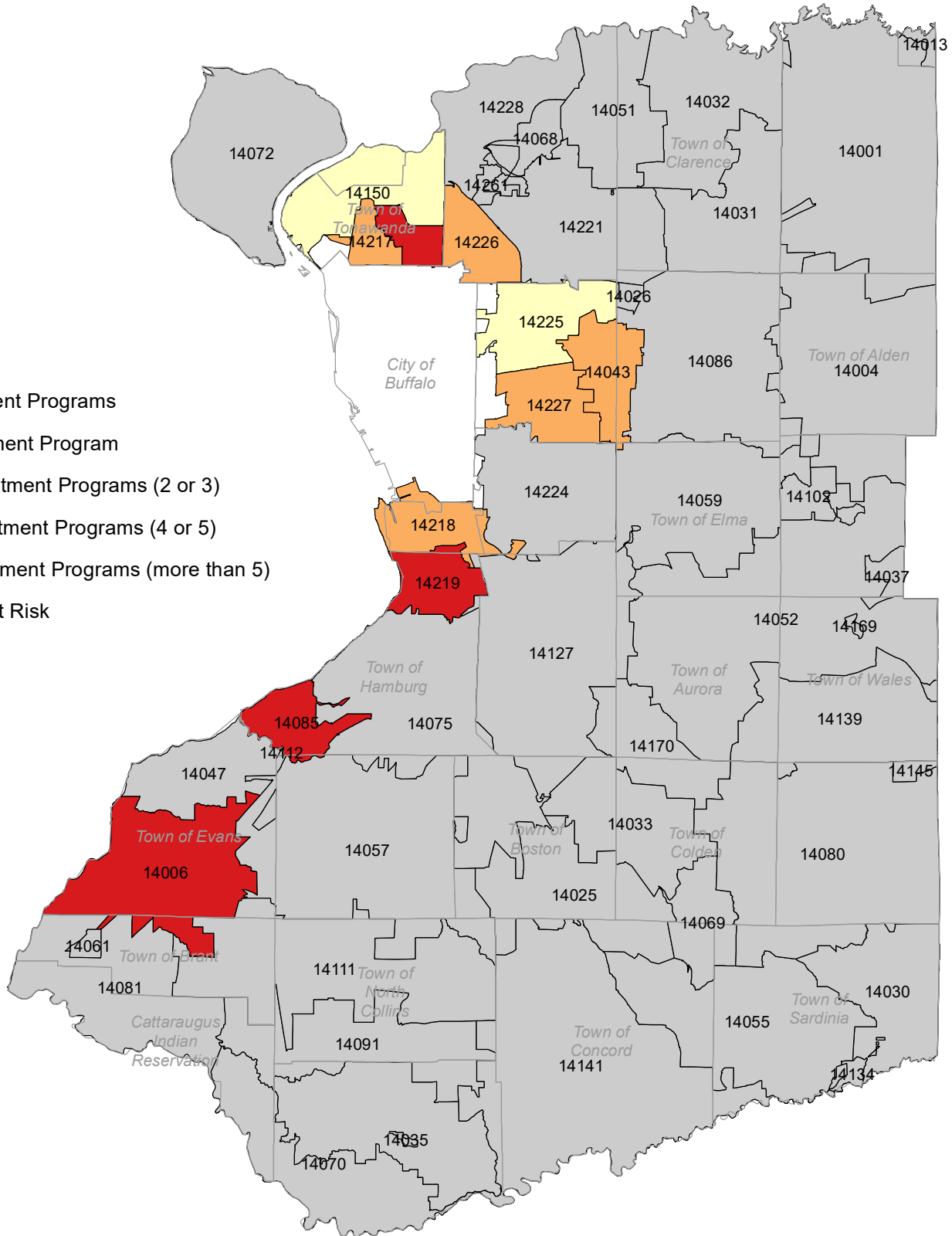
-  Highest Risk
-  Not Highest Risk



\*The majority of Zip Code 14218 is outside the City of Buffalo

# ZIP Codes with Highest Level of Aggregated Risk by Number of Chemical Dependency Programs

[Erie County Excluding City of Buffalo, with Municipal Boundaries]



## Legend

- No Treatment Programs
- One Treatment Program
- A Few Treatment Programs (2 or 3)
- Some Treatment Programs (4 or 5)
- Many Treatment Programs (more than 5)
- Not Highest Risk

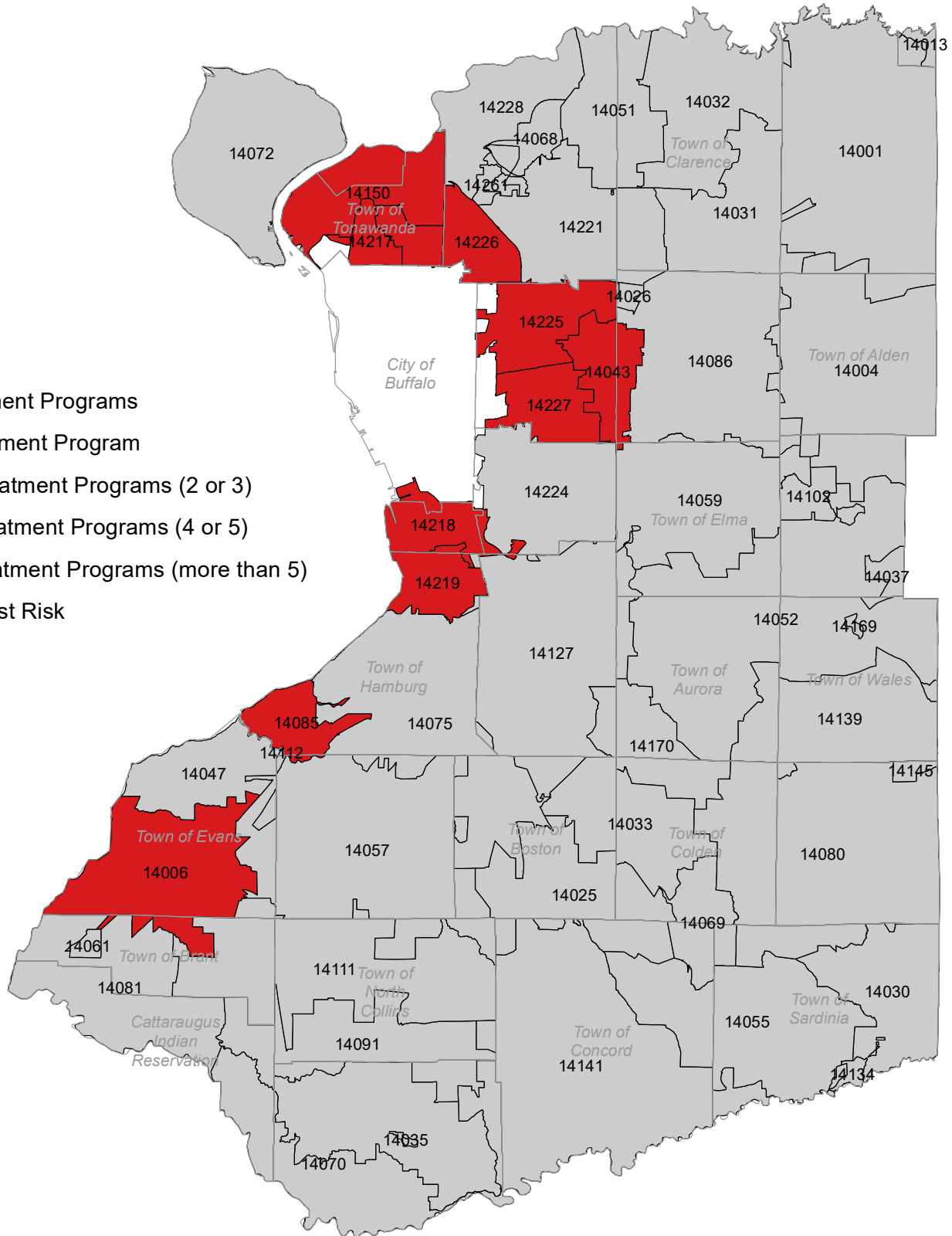






# ZIP Codes with Highest Level of Aggregated Risk by Number of Inpatient Programs

[Erie County Excluding City of Buffalo, with Municipal Boundaries]



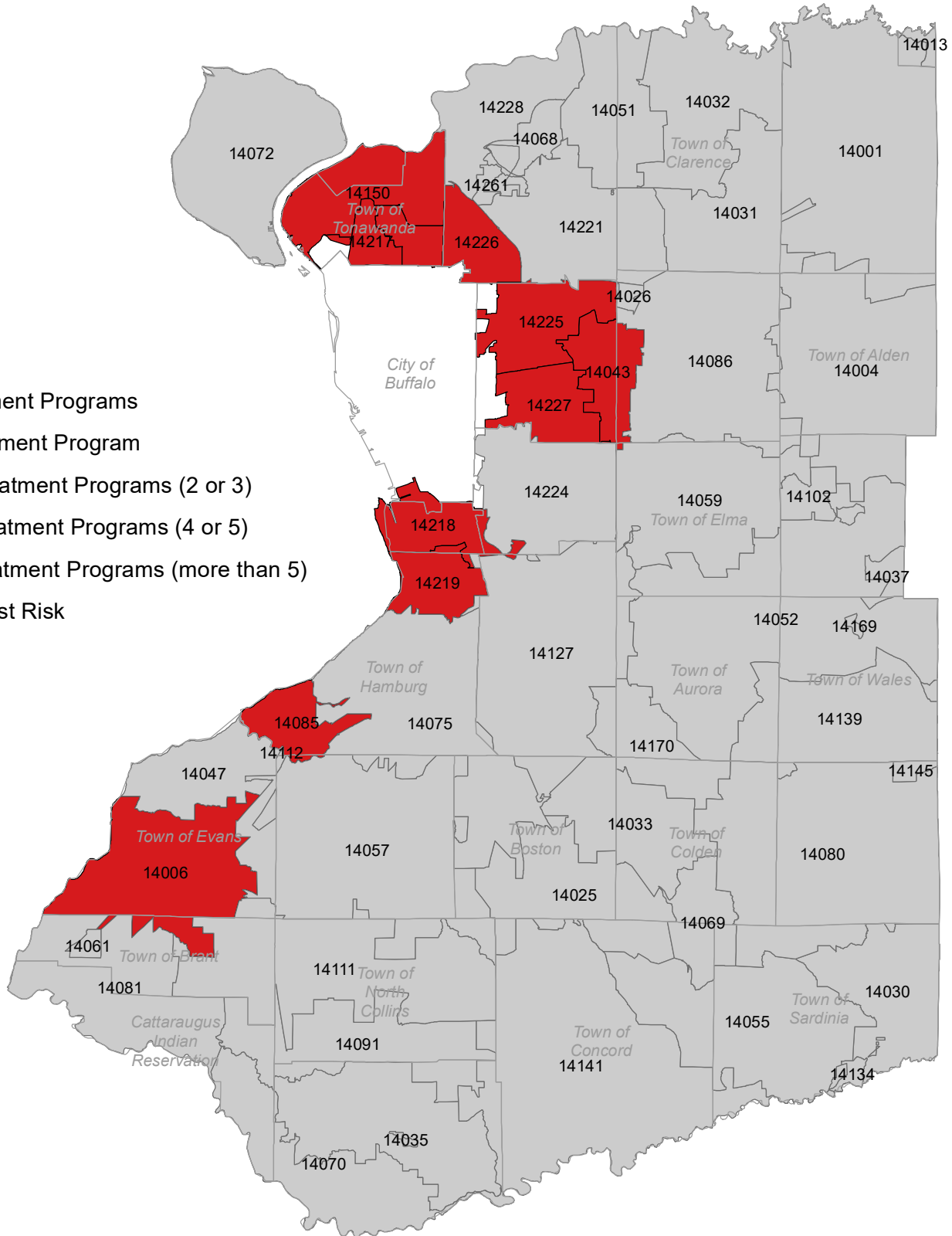
## Legend

- No Treatment Programs
- One Treatment Program
- A Few Treatment Programs (2 or 3)
- Some Treatment Programs (4 or 5)
- Many Treatment Programs (more than 5)
- Not Highest Risk



# ZIP Codes with Highest Level of Aggregated Risk by Number of Opioid Programs

[Erie County Excluding City of Buffalo, with Municipal Boundaries]



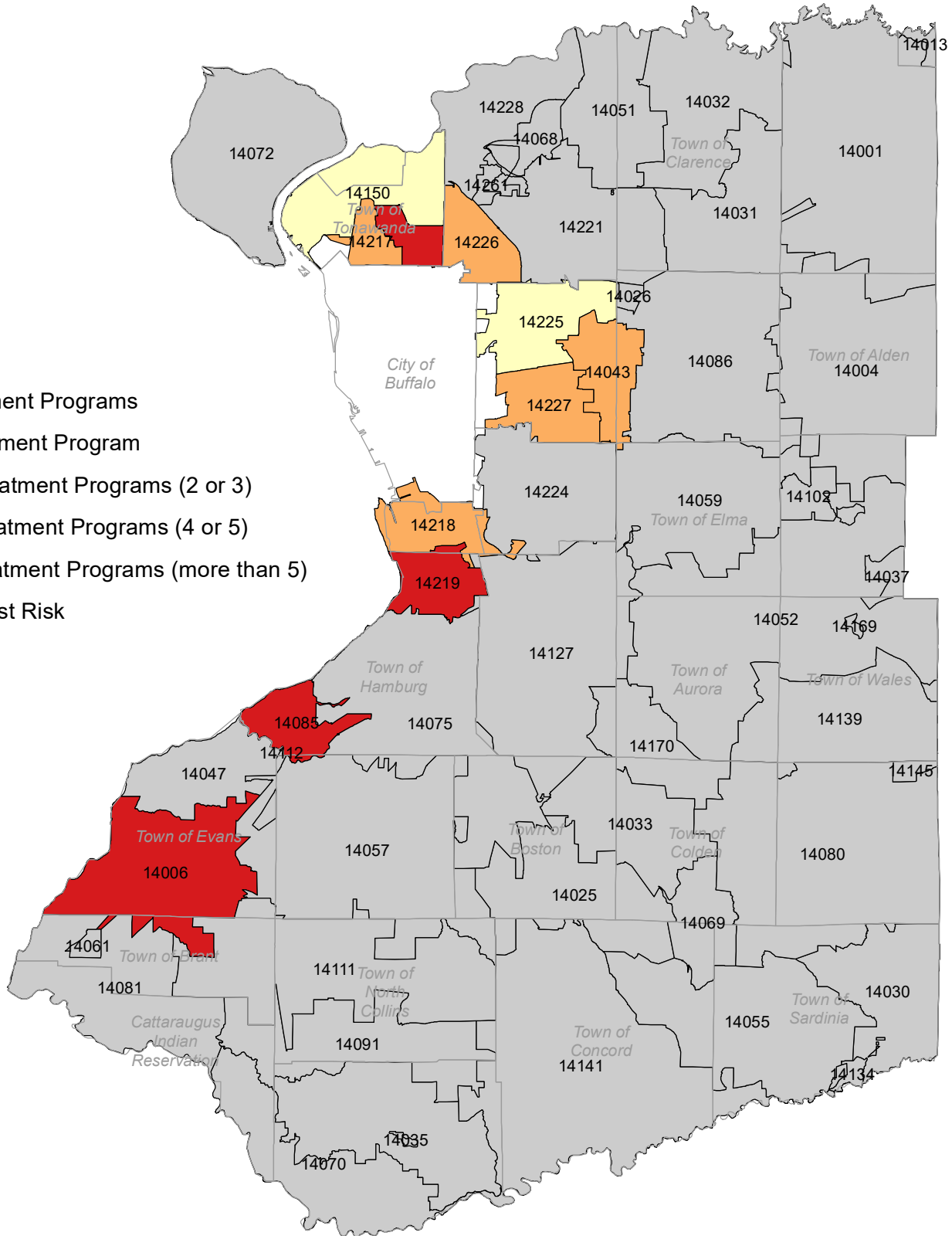
## Legend

- No Treatment Programs
- One Treatment Program
- A Few Treatment Programs (2 or 3)
- Some Treatment Programs (4 or 5)
- Many Treatment Programs (more than 5)
- Not Highest Risk



# ZIP Codes with Highest Level of Aggregated Risk by Number of Outpatient Programs

[Erie County Excluding City of Buffalo, with Municipal Boundaries]



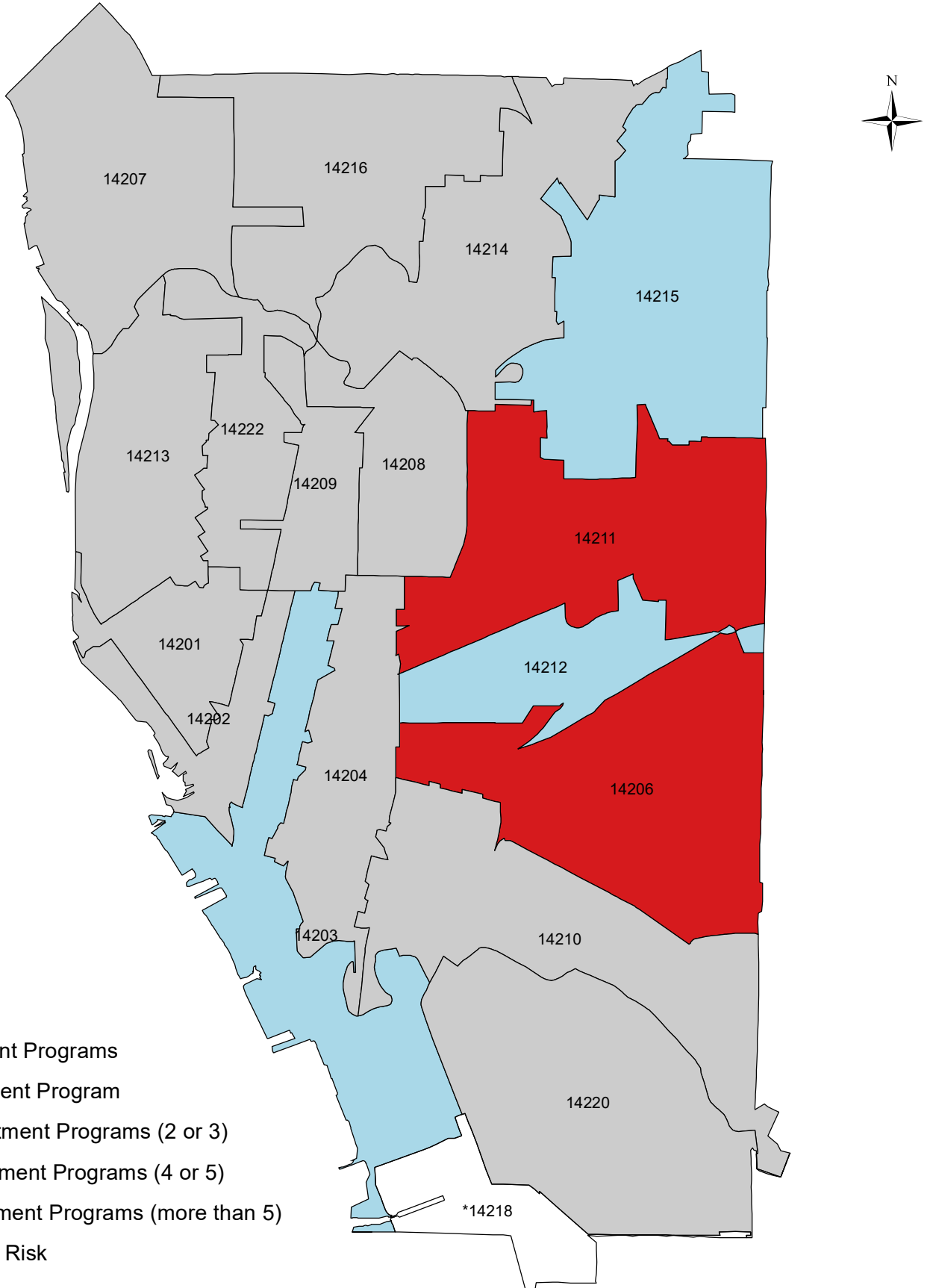
## Legend

- No Treatment Programs
- One Treatment Program
- A Few Treatment Programs (2 or 3)
- Some Treatment Programs (4 or 5)
- Many Treatment Programs (more than 5)
- Not Highest Risk





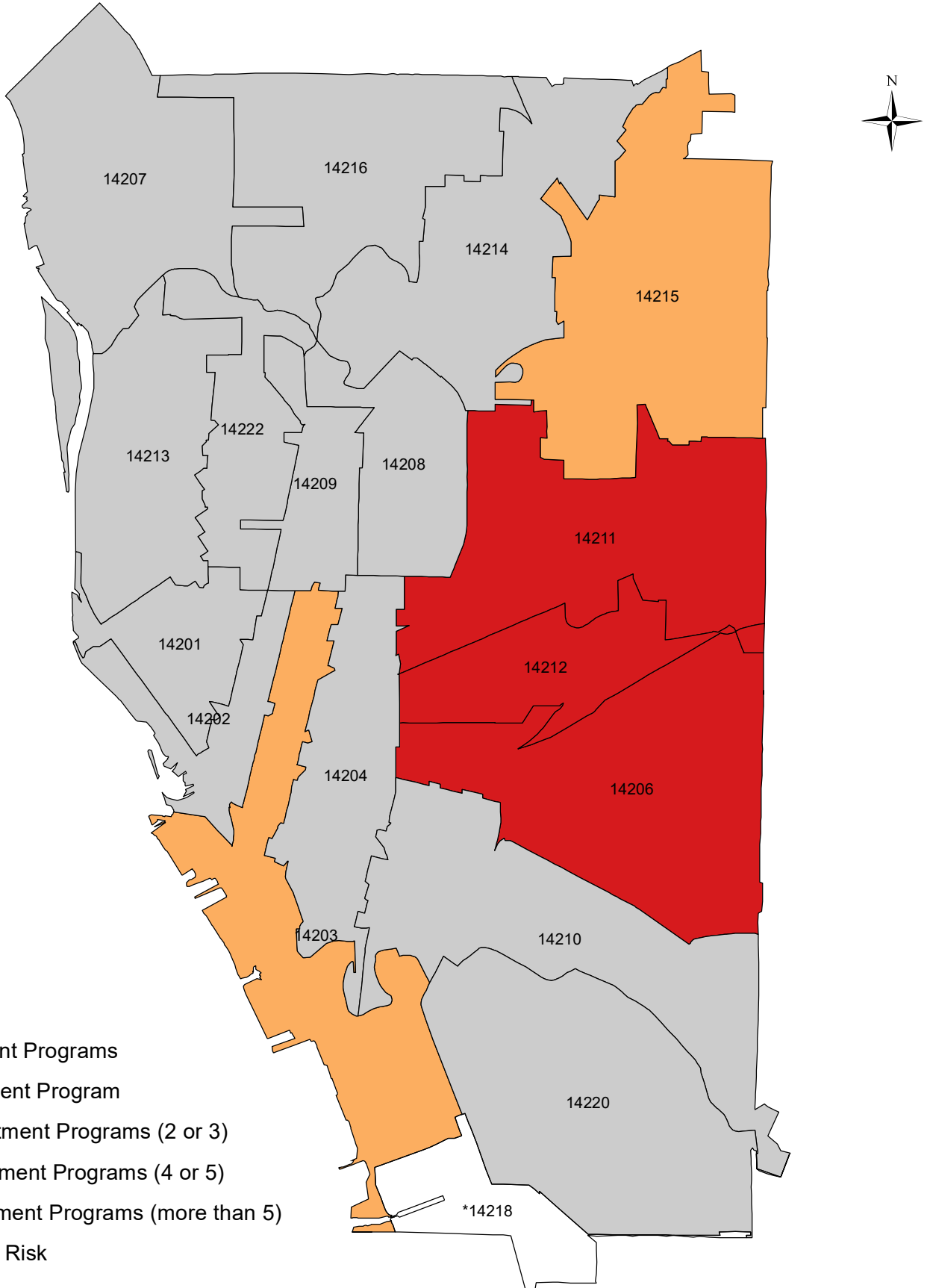
# ZIP Codes with Highest Level of Aggregated Risk by Number of Chemical Dependency Programs [City of Buffalo Only]



0 0.5 1 2 Miles

\*The majority of ZIP Code 14218 is outside the City of Buffalo

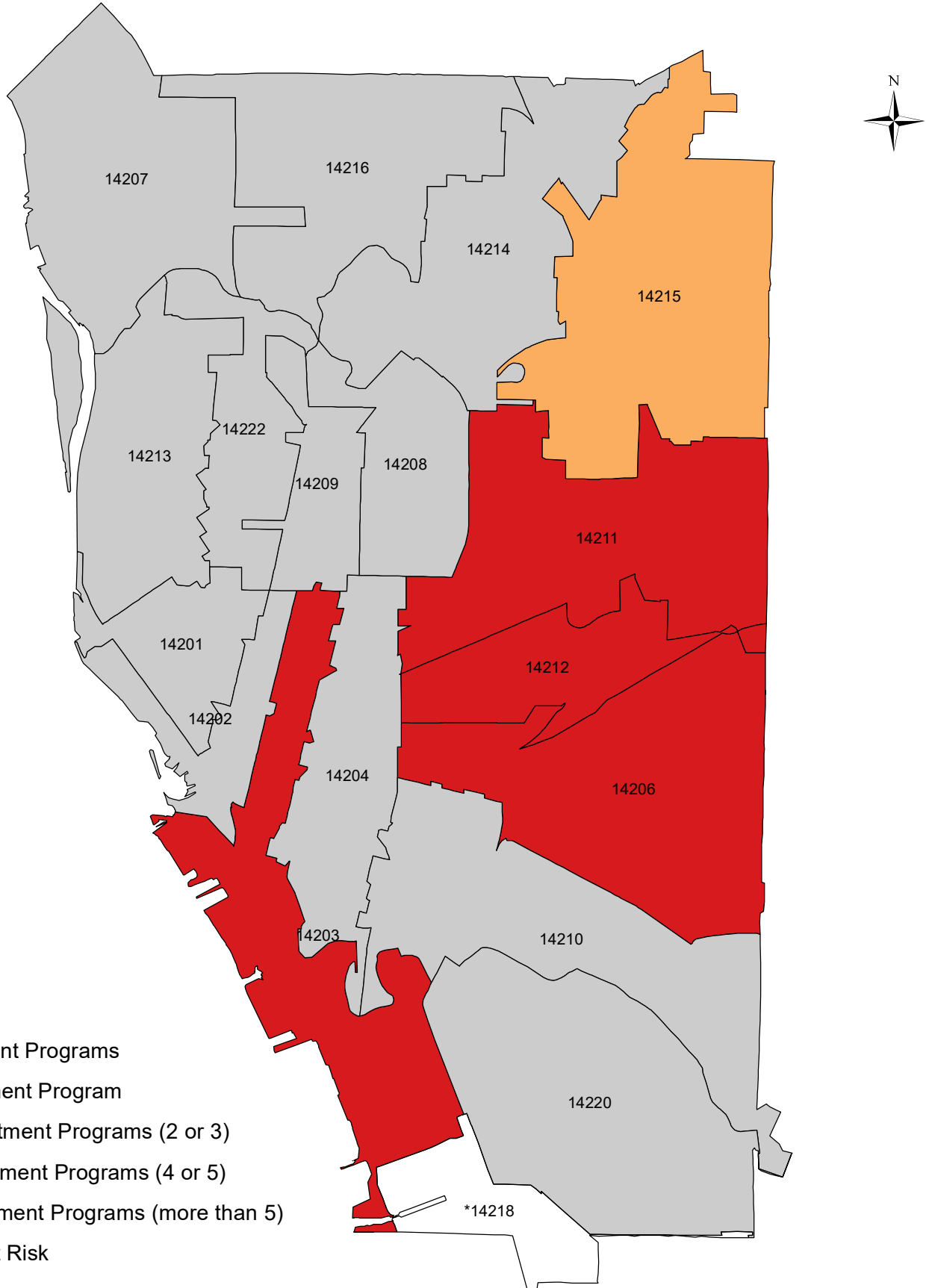
# ZIP Codes with Highest Level of Aggregated Risk by Number of Crisis Programs [City of Buffalo Only]



0 0.5 1 2 Miles

\*The majority of ZIP Code 14218 is outside the City of Buffalo

# ZIP Codes with Highest Level of Aggregated Risk by Number of Inpatient Programs [City of Buffalo Only]



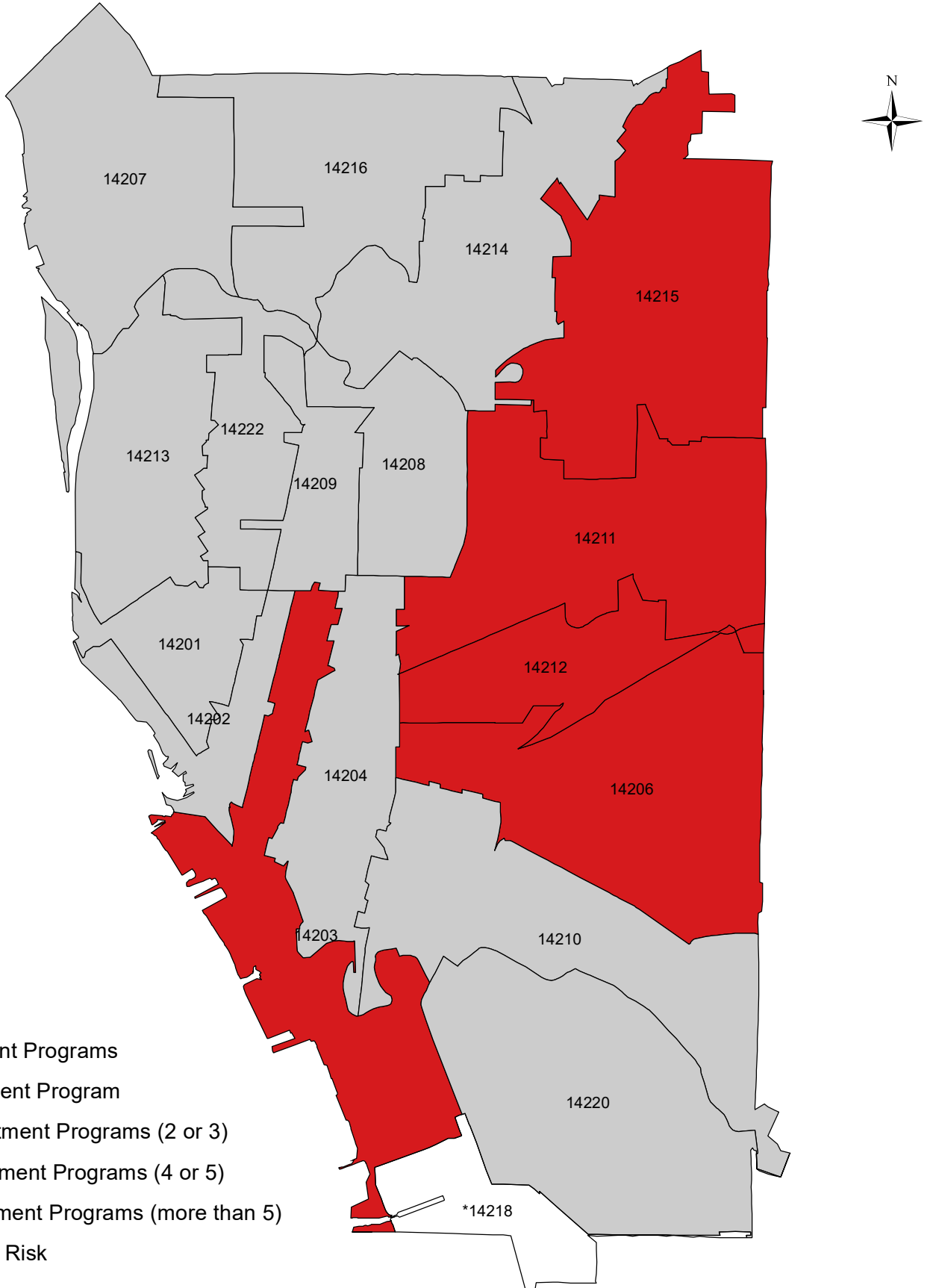
## Legend

- No Treatment Programs
- One Treatment Program
- A Few Treatment Programs (2 or 3)
- Some Treatment Programs (4 or 5)
- Many Treatment Programs (more than 5)
- Not Highest Risk

0 0.5 1 2 Miles

\*The majority of ZIP Code 14218 is outside the City of Buffalo

# ZIP Codes with Highest Level of Aggregated Risk by Number of Opioid Programs [City of Buffalo Only]

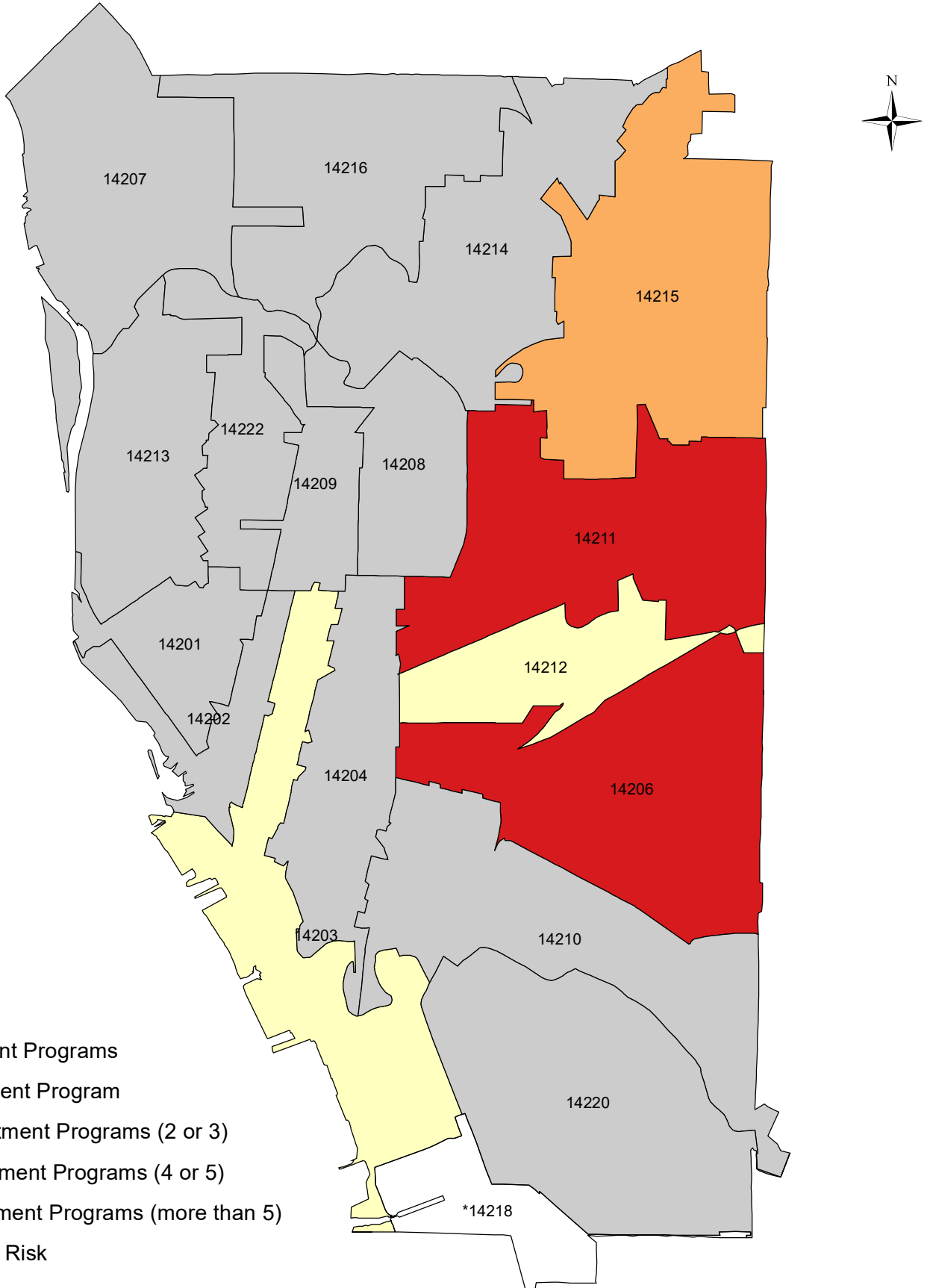


0 0.5 1 2 Miles

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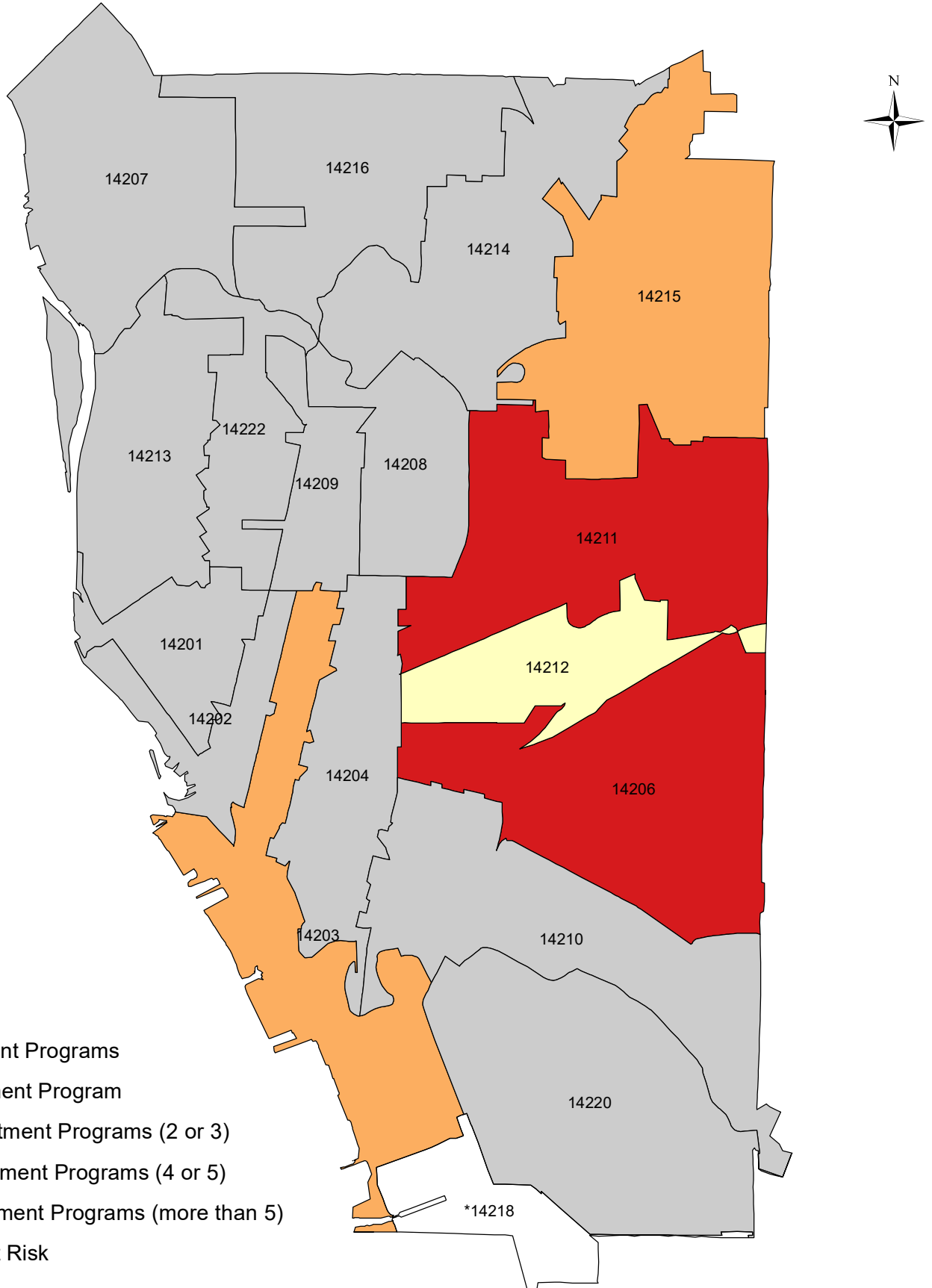
# ZIP Codes with Highest Level of Aggregated Risk by Number of Outpatient Programs [City of Buffalo Only]



0 0.5 1 2 Miles

\*The majority of ZIP Code 14218 is outside the City of Buffalo

# ZIP Codes with Highest Level of Aggregated Risk by Number of Residential Programs [City of Buffalo Only]



## Legend

- No Treatment Programs
- One Treatment Program
- A Few Treatment Programs (2 or 3)
- Some Treatment Programs (4 or 5)
- Many Treatment Programs (more than 5)
- Not Highest Risk

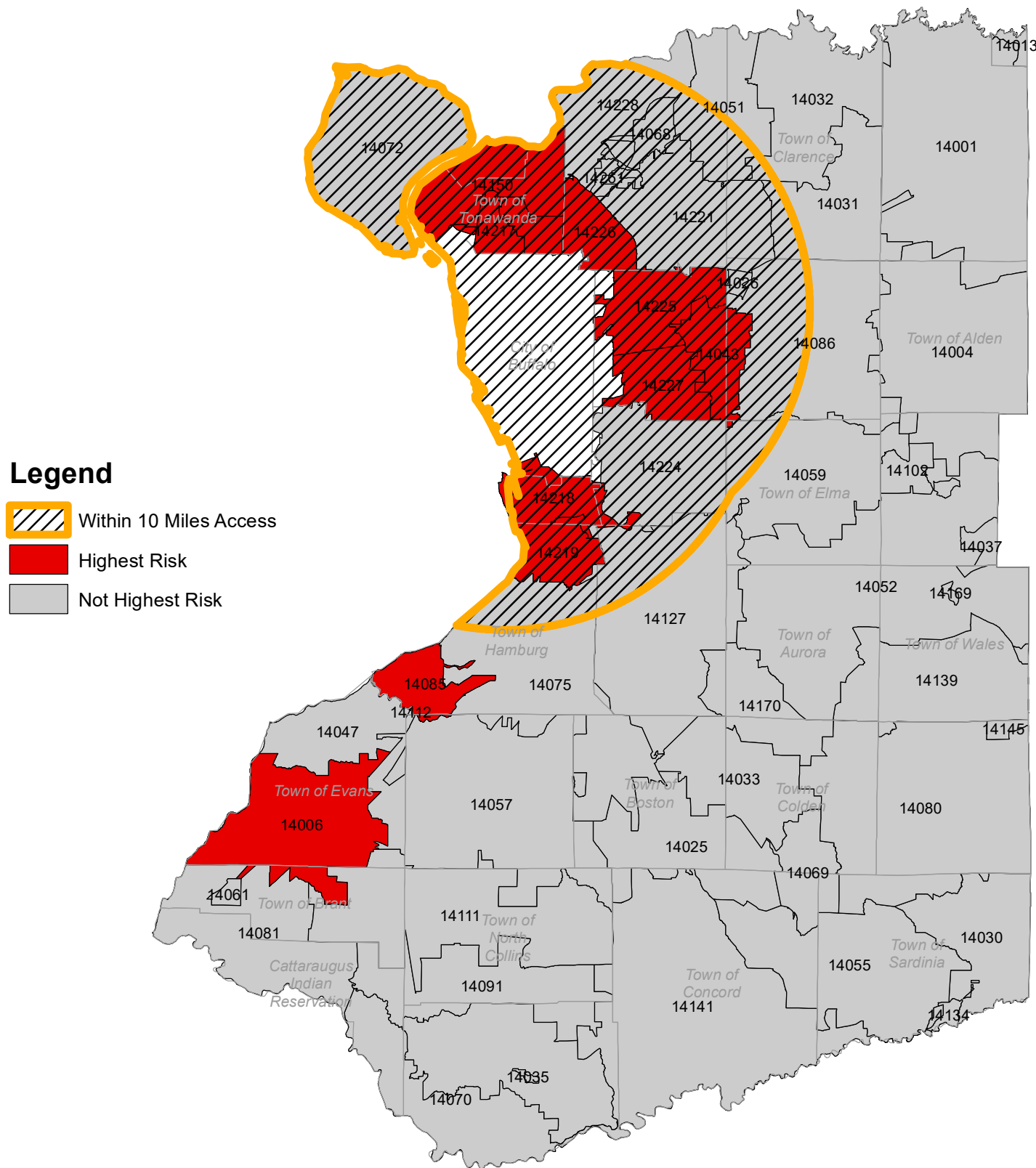
0 0.5 1 2 Miles

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# Accessibility to Crisis Programs

(Within 10 Miles Access, Includes Out of County Programs)  
[Erie County Excluding City of Buffalo, with Municipal Boundaries]



0 3 6 12 Miles

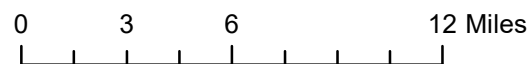
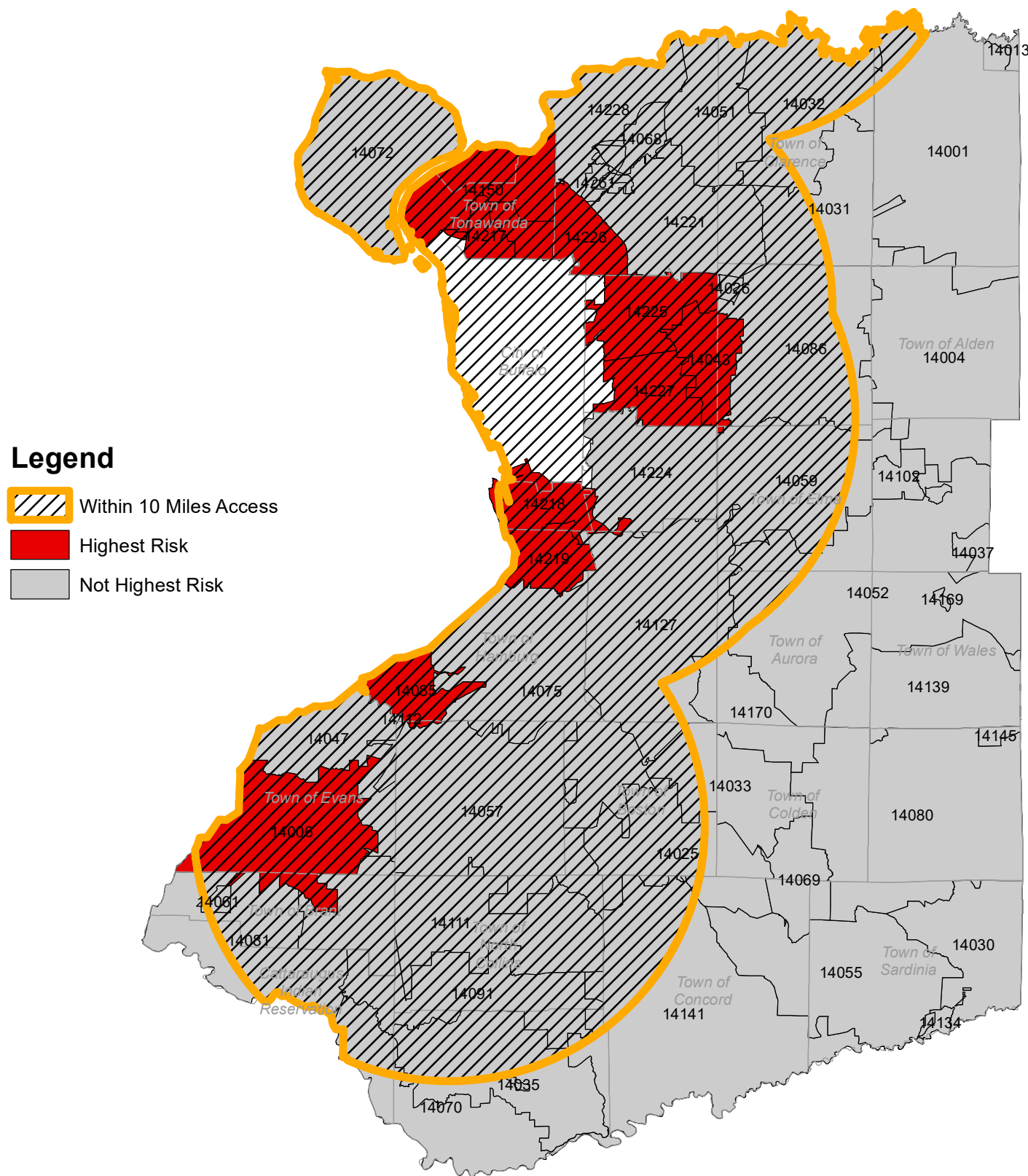






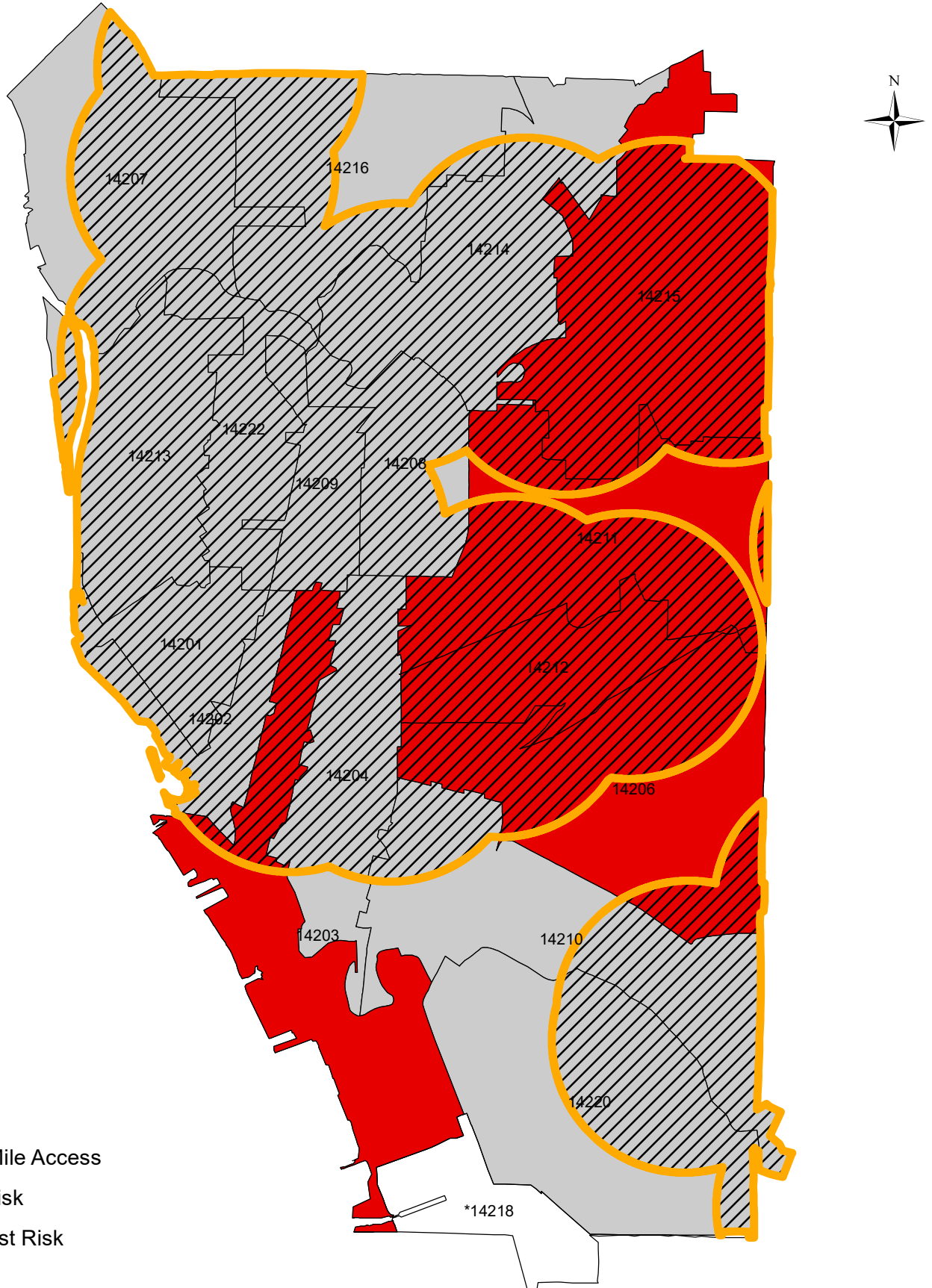


# Accessibility to Residential Programs (Within 10 Miles Access, Includes Out of County Programs) [Erie County Excluding City of Buffalo, with Municipal Boundaries]








# Accessibility to Chemical Dependency Treatment Programs (Within 1 Mile Access) [City of Buffalo Only]



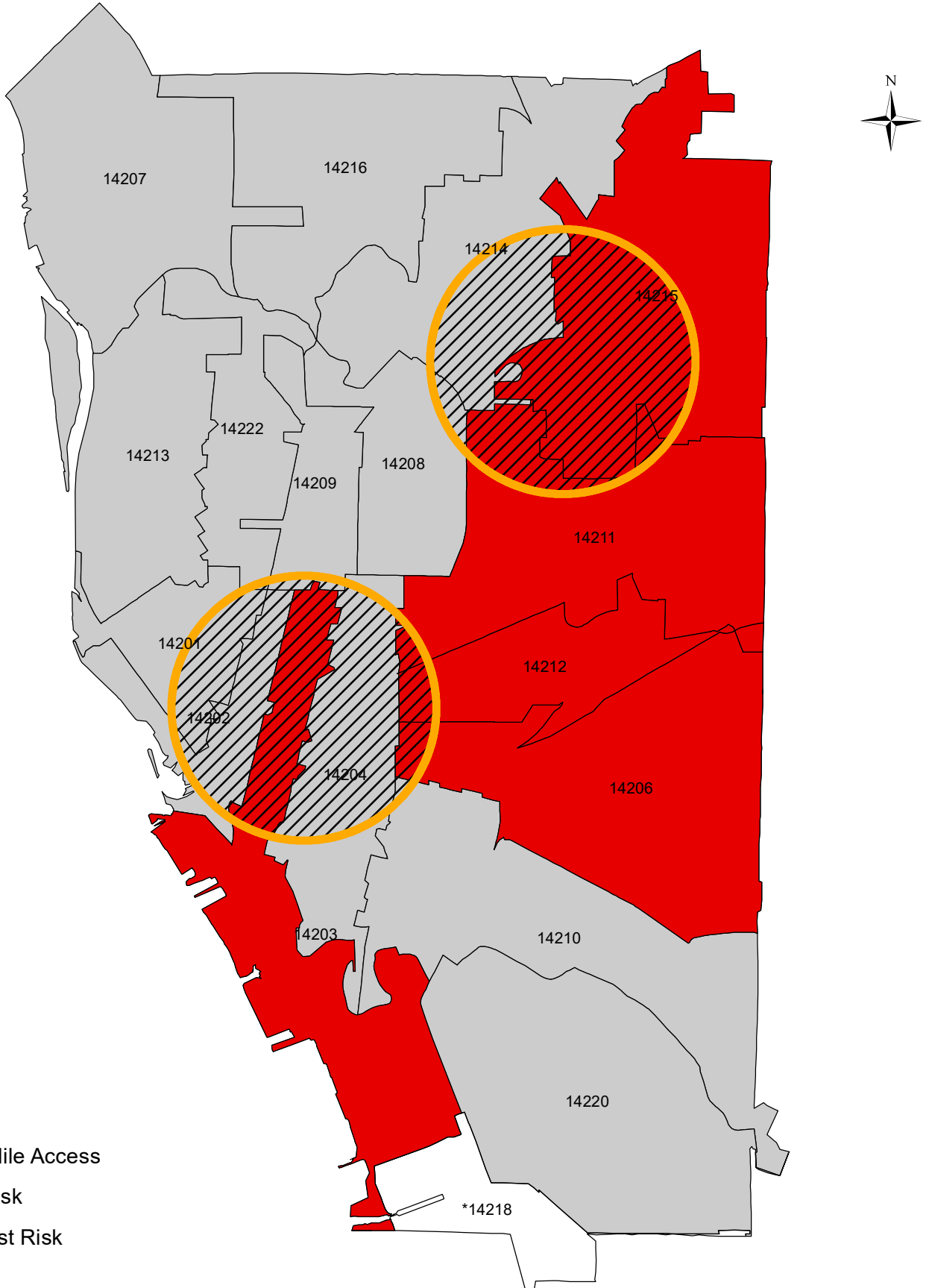
## Legend

-  Within 1 Mile Access
-  Highest Risk
-  Not Highest Risk




0 0.5 1 2 Miles

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# Accessibility to Crisis Programs (Within 1 Mile Access) [City of Buffalo Only]



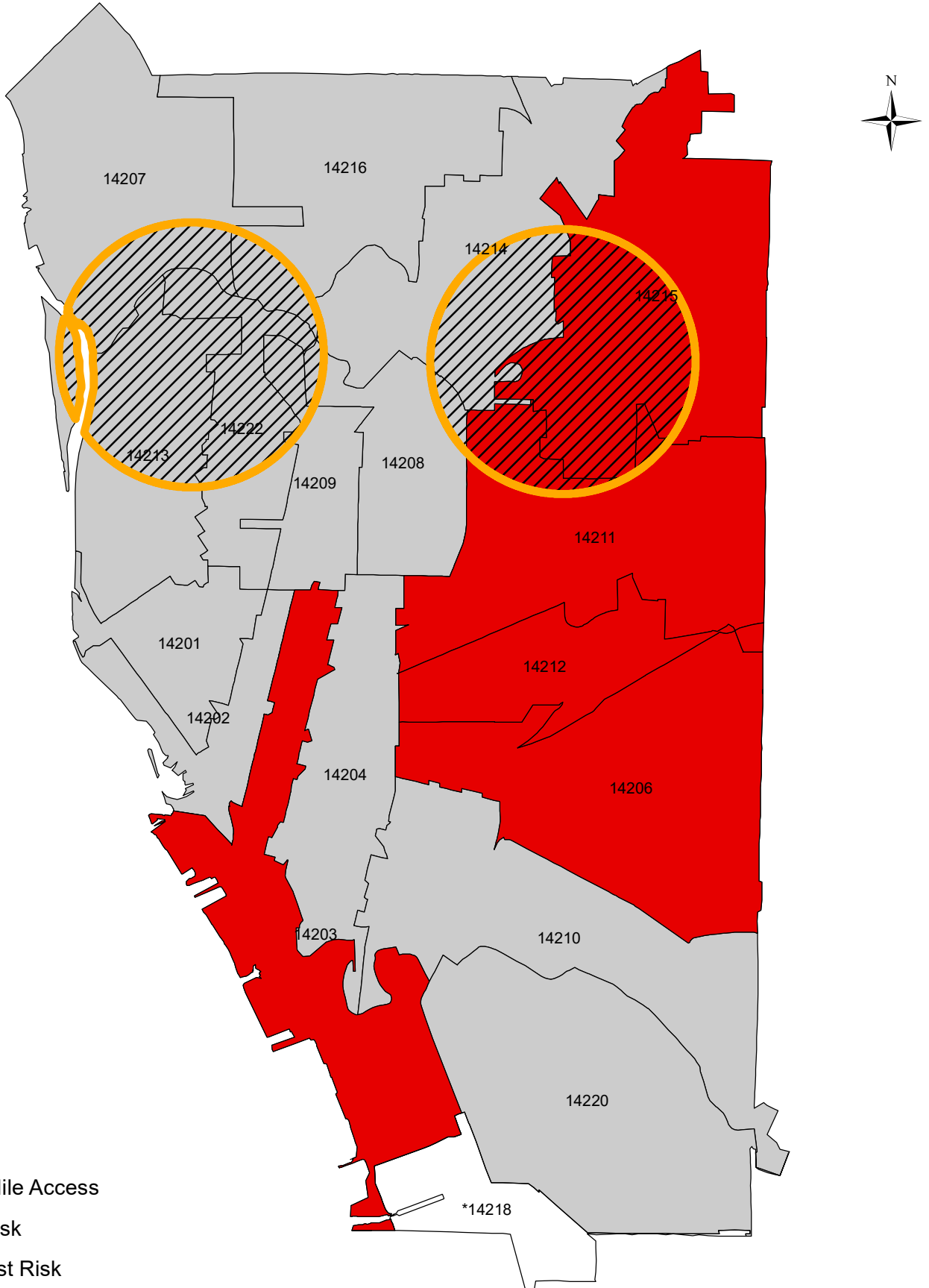
## Legend

-  Within 1 Mile Access
-  Highest Risk
-  Not Highest Risk

0 0.5 1 2 Miles

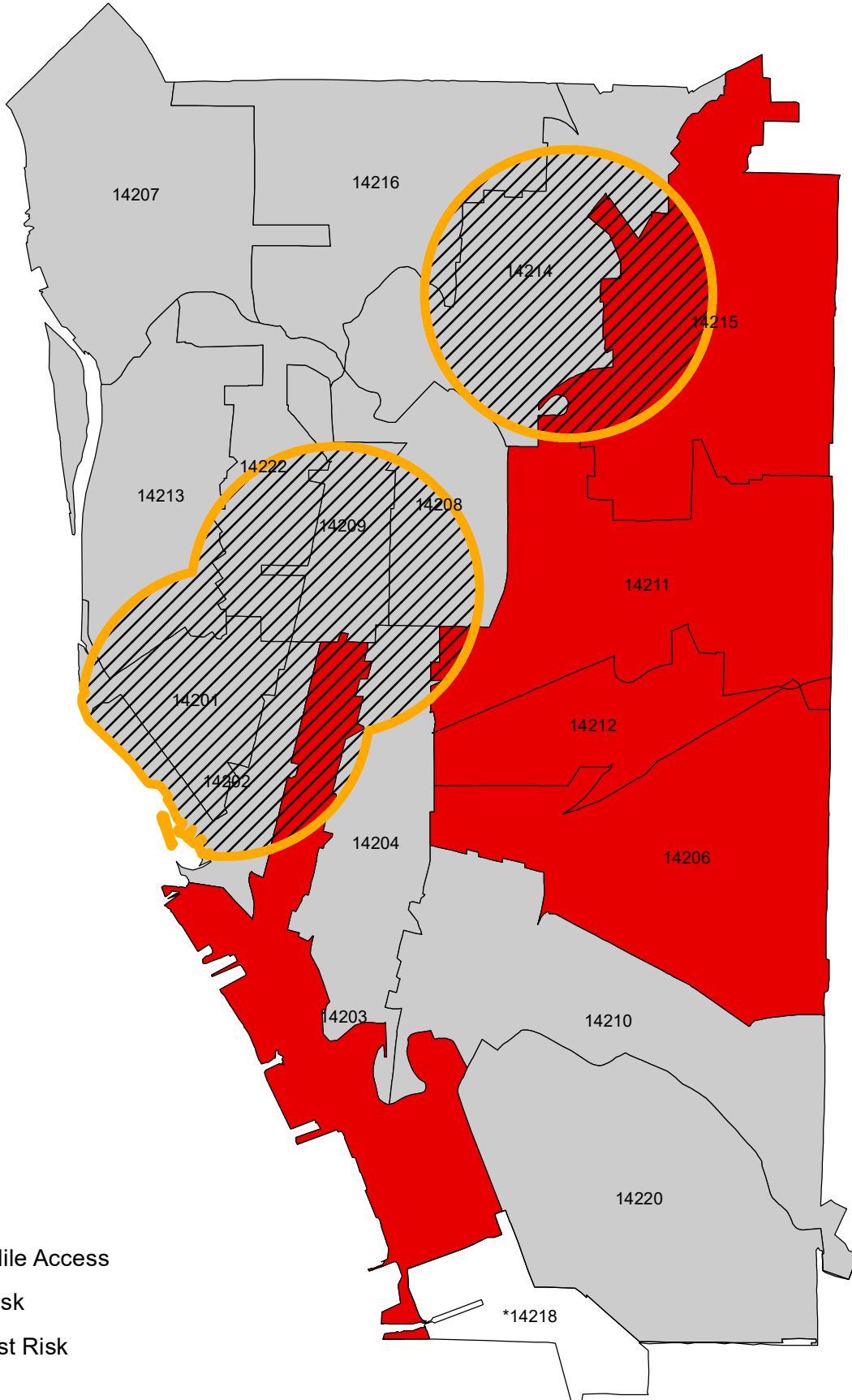
\*The majority of ZIP Code 14218 is outside the City of Buffalo

# Accessibility to Inpatient Programs (Within 1 Mile Access) [City of Buffalo Only]






\*The majority of ZIP Code 14218 is outside the City of Buffalo

# Accessibility to Opioid Programs (Within 1 Mile Access) [City of Buffalo Only]



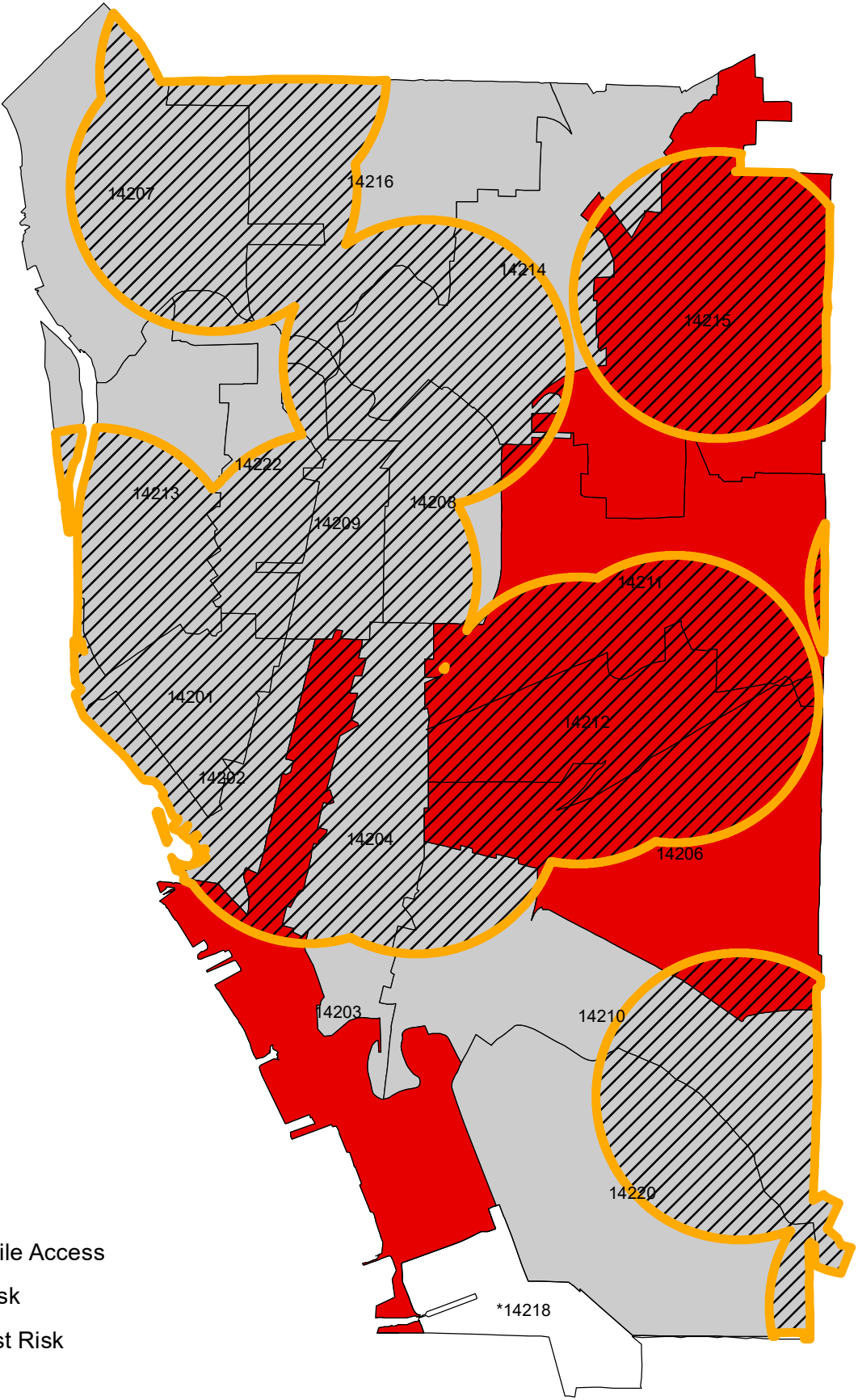
## Legend

-  Within 1 Mile Access
-  Highest Risk
-  Not Highest Risk




0 0.5 1 2 Miles

\*The majority of ZIP Code 14218 is outside the City of Buffalo

# Accessibility to Outpatient Programs (Within 1 Mile Access) [City of Buffalo Only]



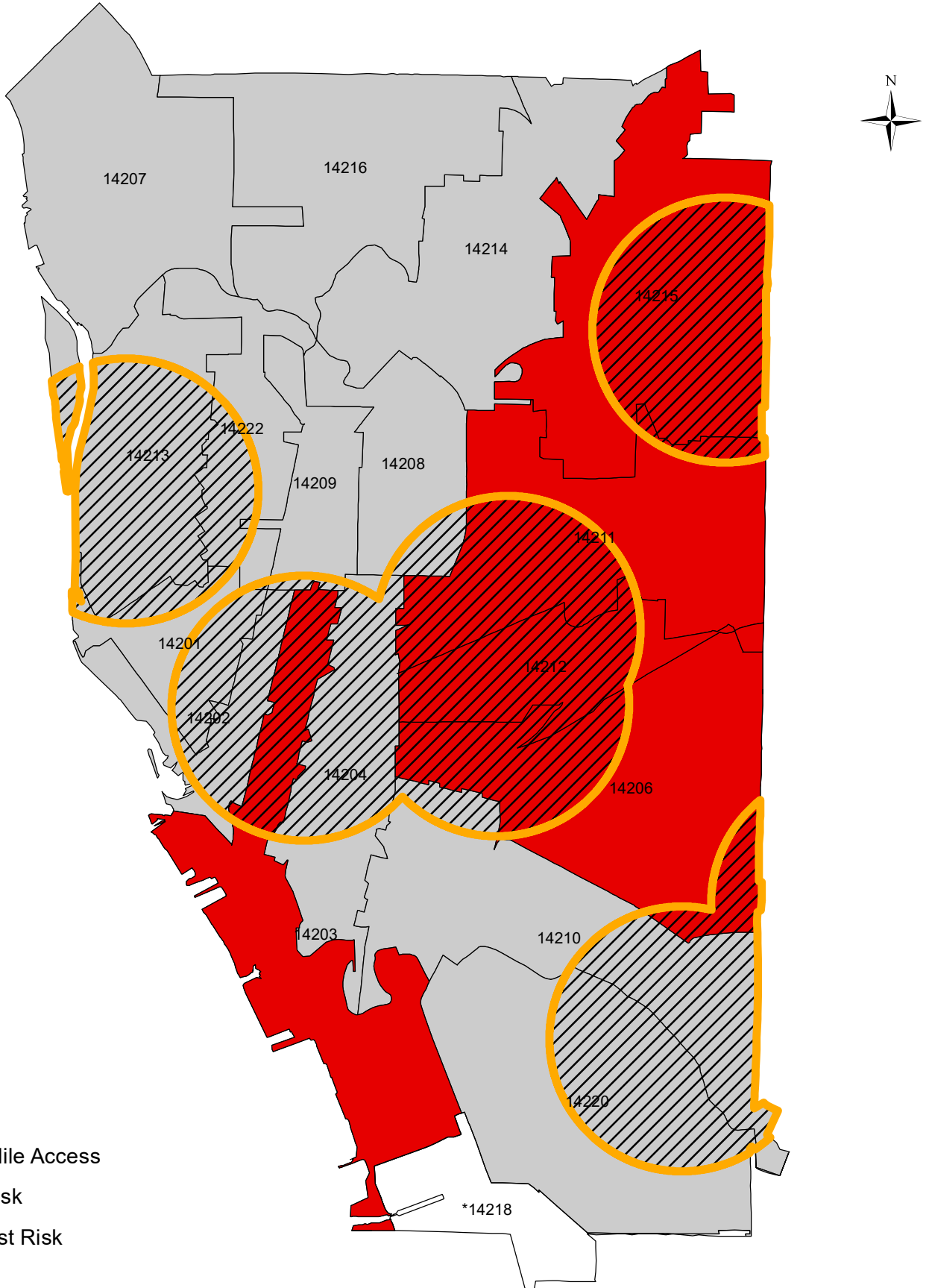
### Legend

-  Within 1 Mile Access
-  Highest Risk
-  Not Highest Risk






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# Accessibility to Residential Programs (Within 1 Mile Access) [City of Buffalo Only]



## Legend

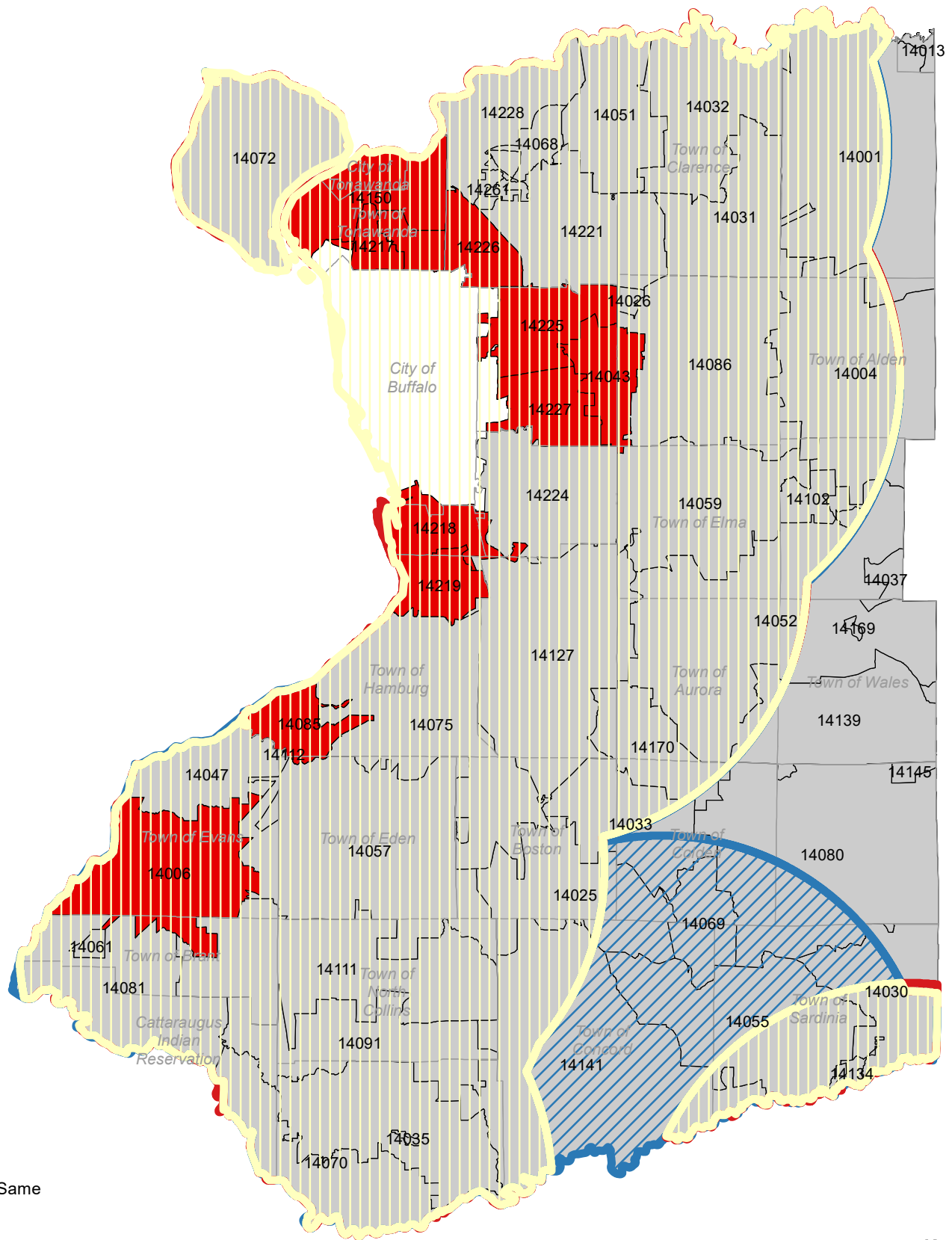
-  Within 1 Mile Access
-  Highest Risk
-  Not Highest Risk

0 0.5 1 2 Miles






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# Comparison of Accessibility to Chemical Dependency Programs between 2017 & 2019 (Within 10 Miles Access, Includes Out of County Programs)

[Erie County Excluding City of Buffalo, with Municipal Boundaries]



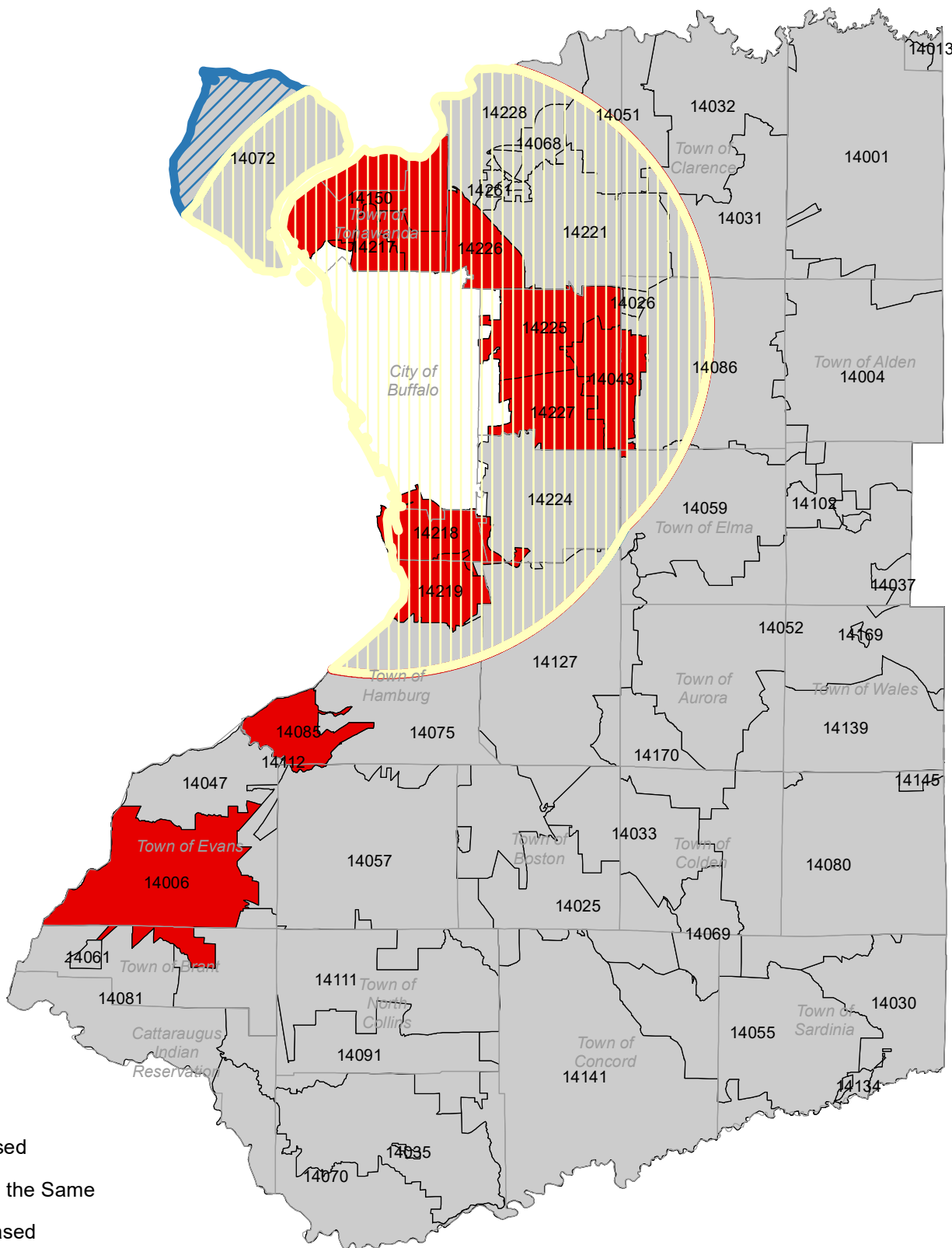
## Legend

-  Increased
-  Stayed the Same
-  Decreased
-  Highest Risk
-  Not Highest Risk








# Comparison of Accessibility to Crisis Programs between 2017 & 2019 (Within 10 Miles Access, Includes Out of County Programs)

[Erie County Excluding City of Buffalo, with Municipal Boundaries]



### Legend

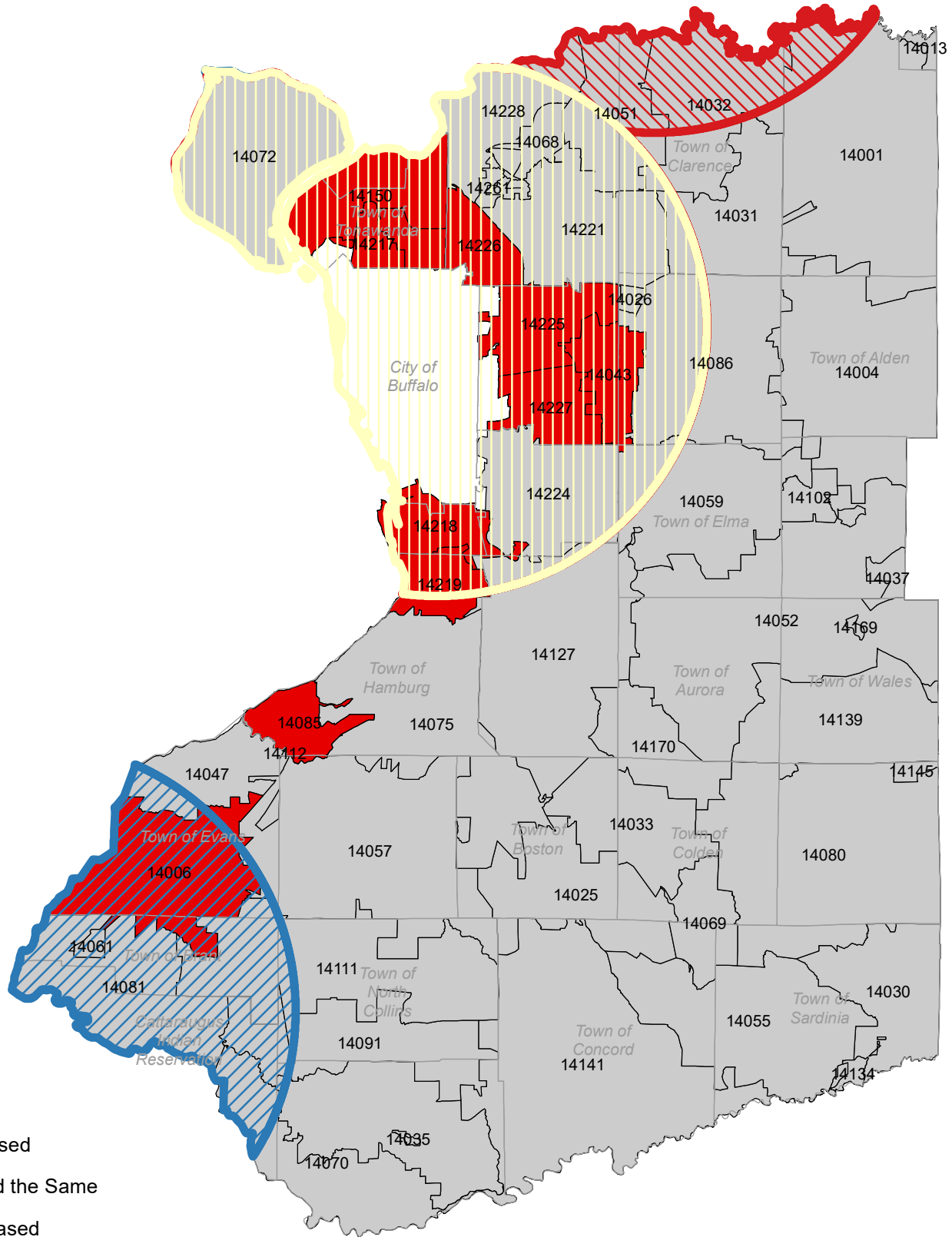
-  Increased
-  Stayed the Same
-  Decreased
-  Highest Risk
-  Not Highest Risk










# Comparison of Accessibility to Inpatient Programs between 2017 & 2019 (Within 10 Miles Access, Includes Out of County Programs)

[Erie County Excluding City of Buffalo, with Municipal Boundaries]



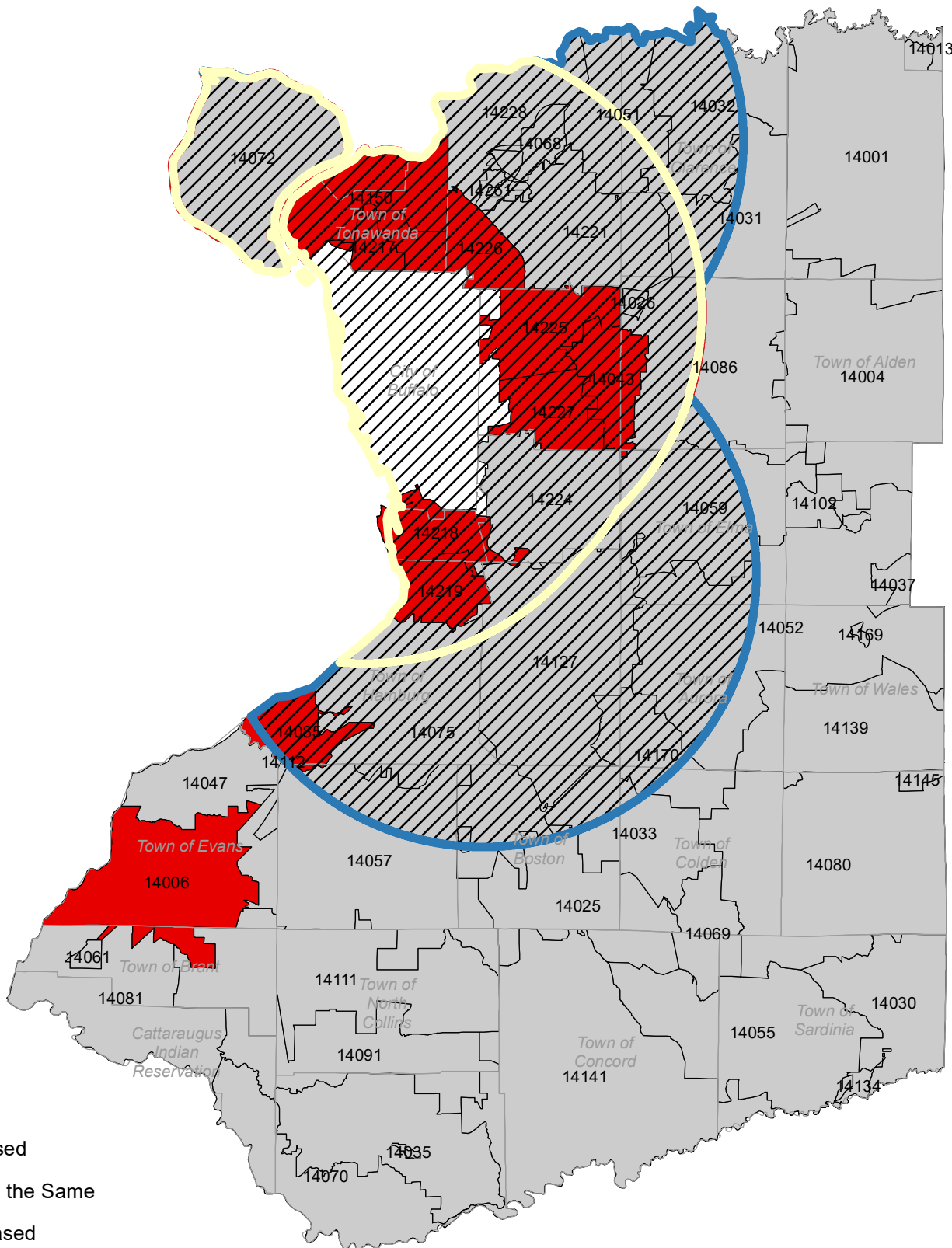
## Legend

-  Increased
-  Stayed the Same
-  Decreased
-  Highest Risk
-  Not Highest Risk



# Comparison of Accessibility to Opioid Programs between 2017 & 2019 (Within 10 Miles Access, Includes Out of County Programs)

[Erie County Excluding City of Buffalo, with Municipal Boundaries]



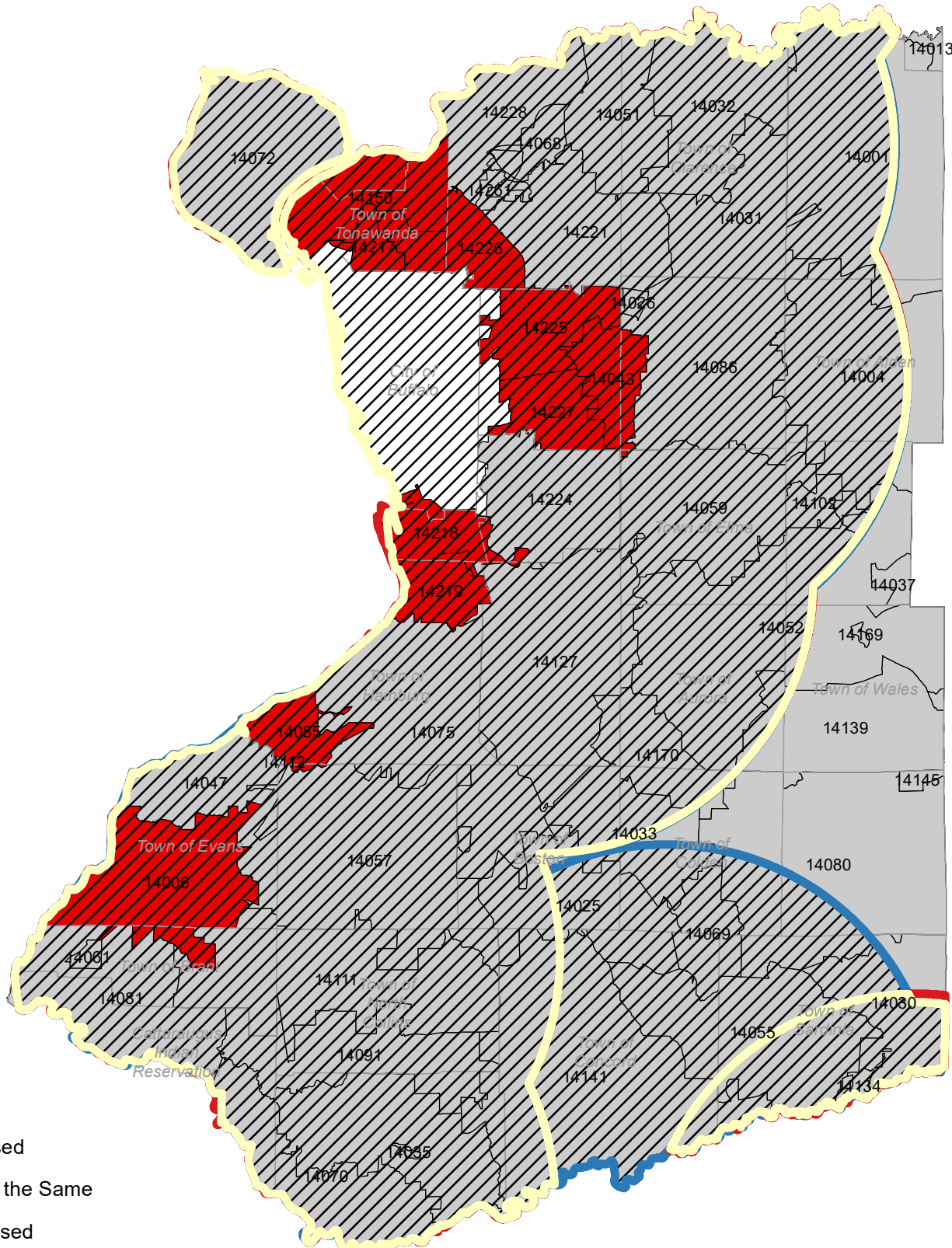
**Legend**

- Increased
- Stayed the Same
- Decreased
- Highest Risk
- Not Highest Risk








# Comparison of Accessibility to Outpatient Programs between 2017 & 2019 (Within 10 Miles Access, Includes Out of County Programs)

[Erie County Excluding City of Buffalo, with Municipal Boundaries]



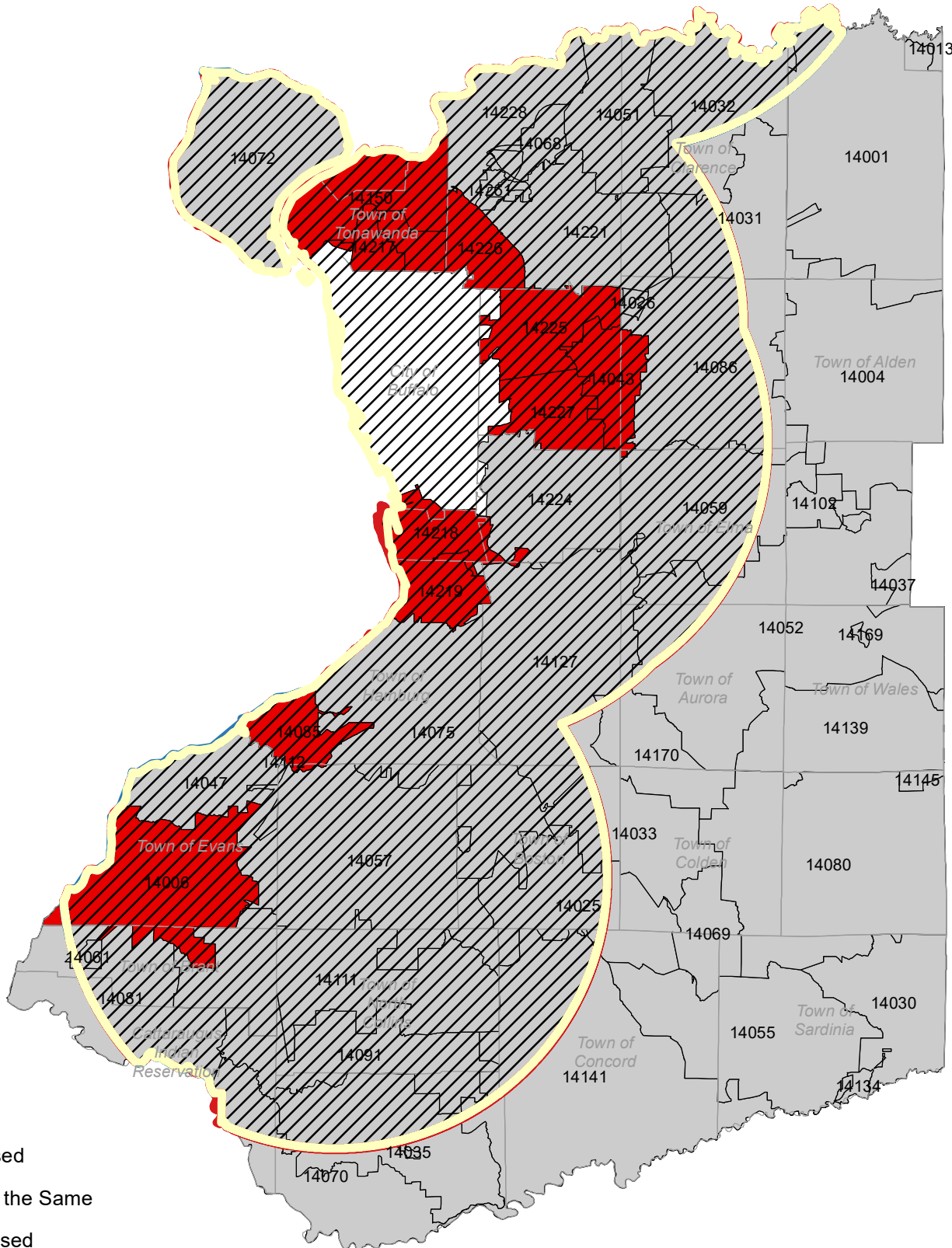
### Legend

-  Increased
-  Stayed the Same
-  Decreased
-  Highest Risk
-  Not Highest Risk








# Comparison of Accessibility to Residential Programs between 2017 & 2019 (Within 10 Miles Access, Includes Out of County Programs)

[Erie County Excluding City of Buffalo, with Municipal Boundaries]



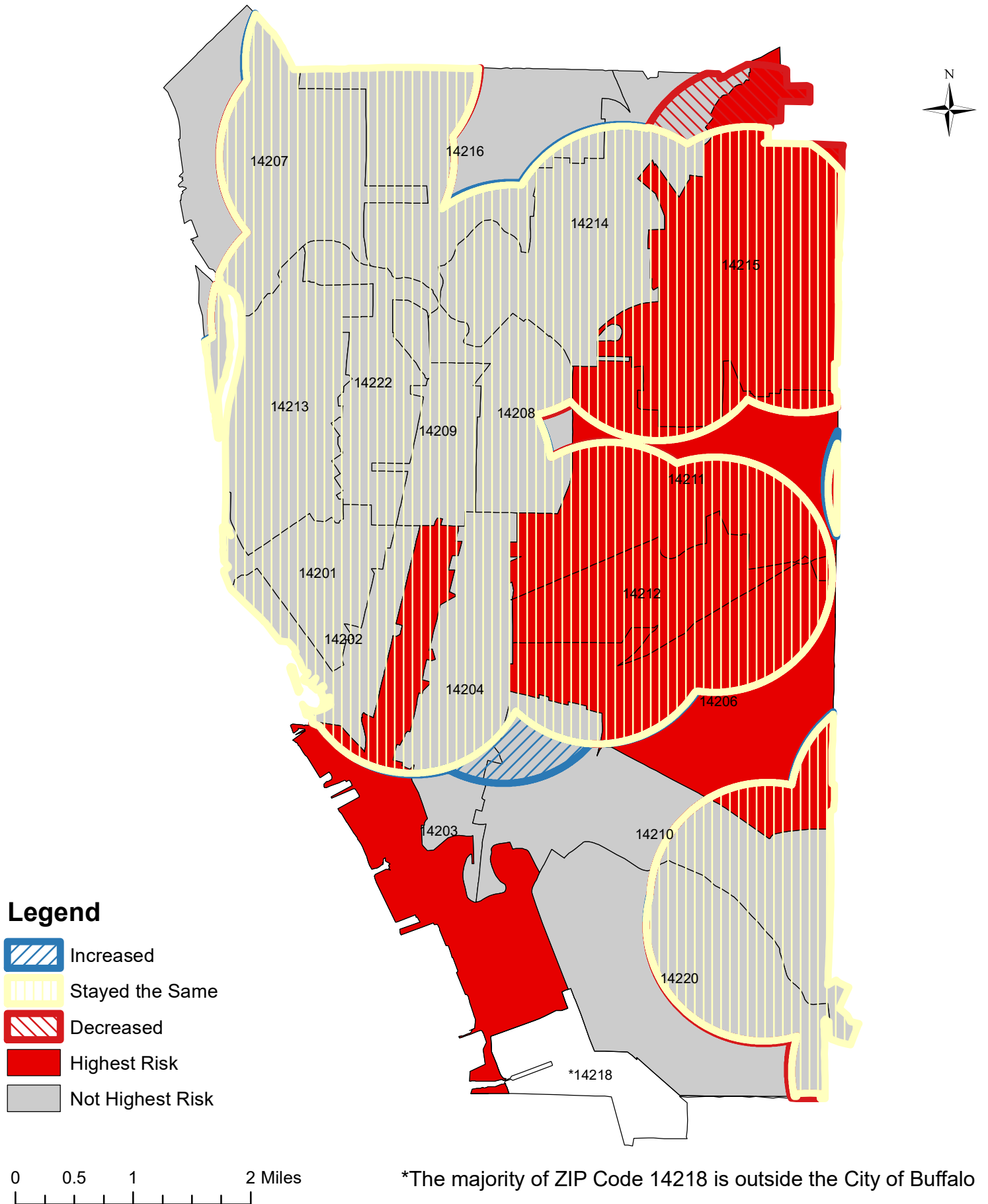
## Legend

-  Increased
-  Stayed the Same
-  Decreased
-  Highest Risk
-  Not Highest Risk



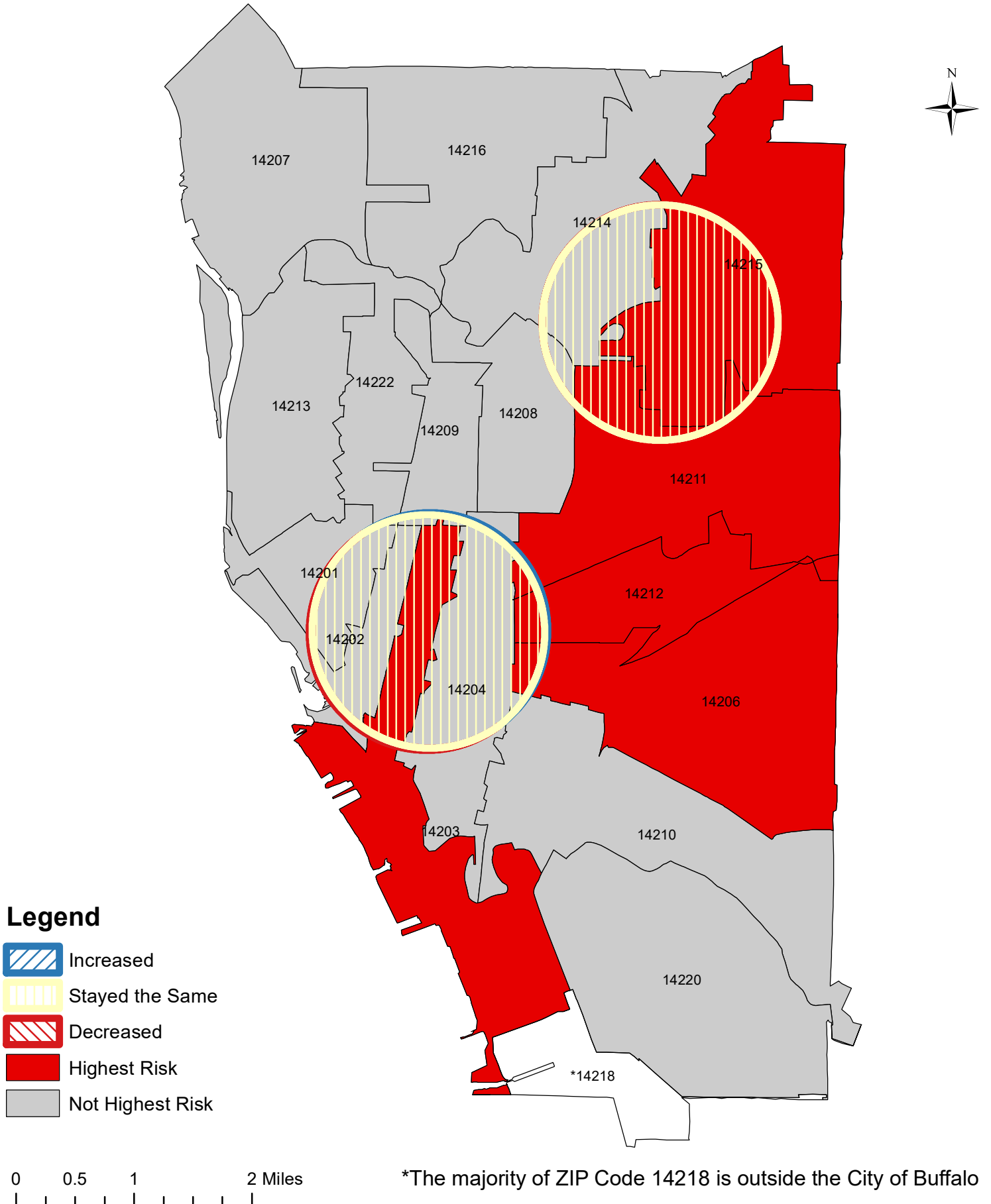
# Comparison of Accessibility to Chemical Dependency Programs between 2017 & 2019 (Within 1 Mile Access)

[City of Buffalo Only]



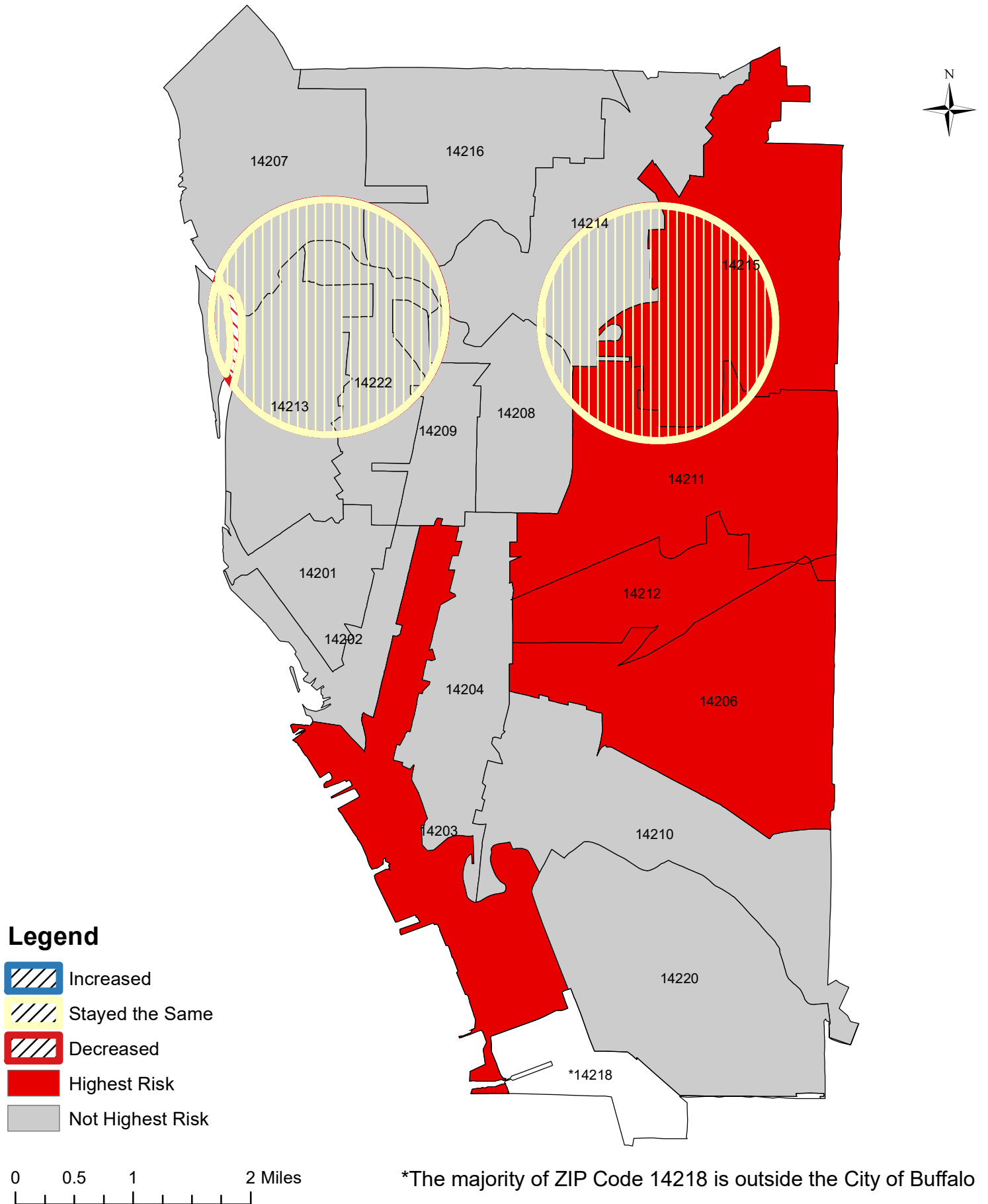
# Comparison of Accessibility to Crisis Programs between 2017 & 2019 (Within 1 Mile Access)

[City of Buffalo Only]

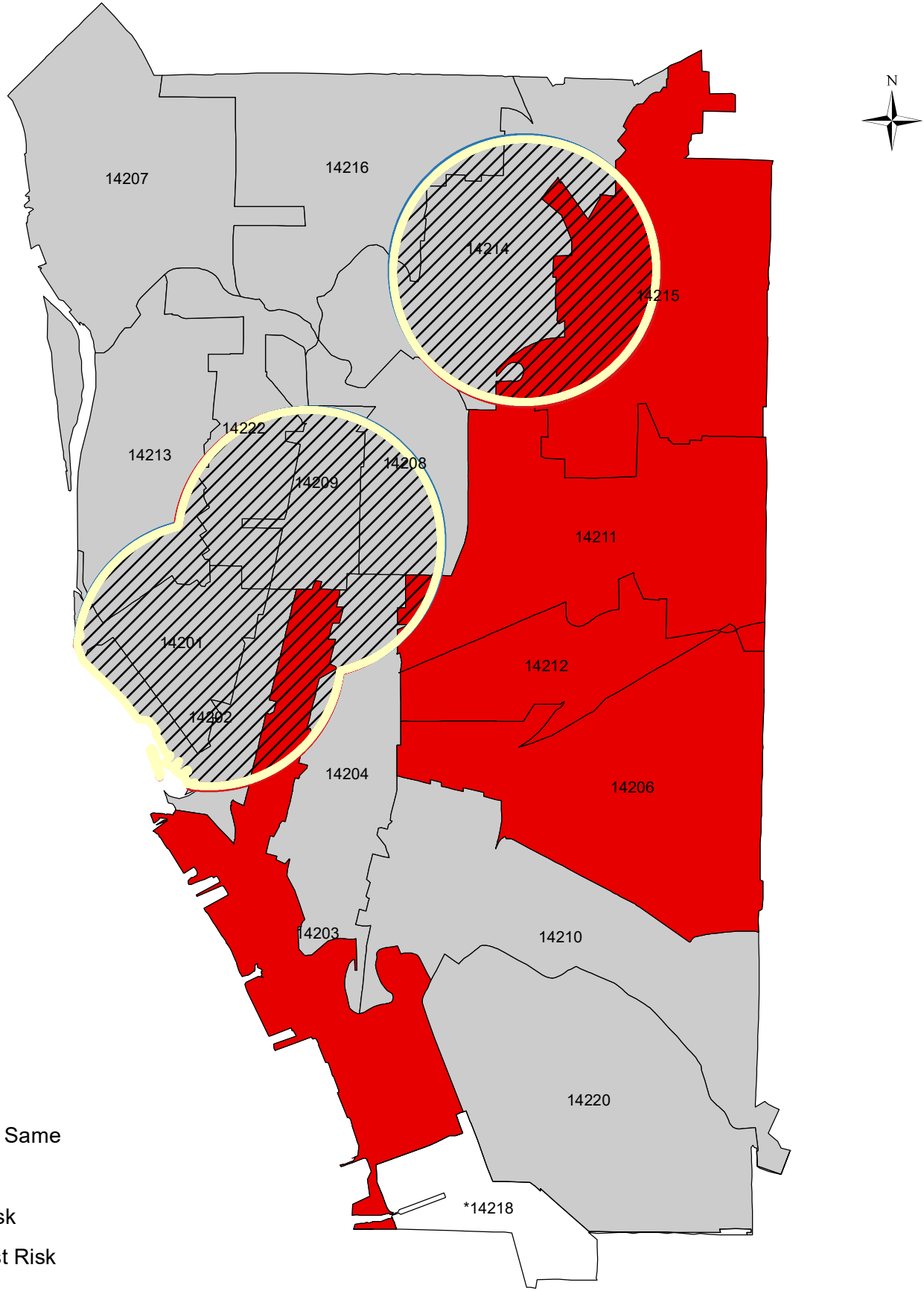


# Comparison of Accessibility to Inpatient Programs between 2017 & 2019 (Within 1 Mile Access)






[City of Buffalo Only]



# Comparison of Accessibility to Opioid Programs between 2017 & 2019 (Within 1 Mile Access) [City of Buffalo Only]



**Legend**

-  Increased
-  Stayed the Same
-  Decreased
-  Highest Risk
-  Not Highest Risk

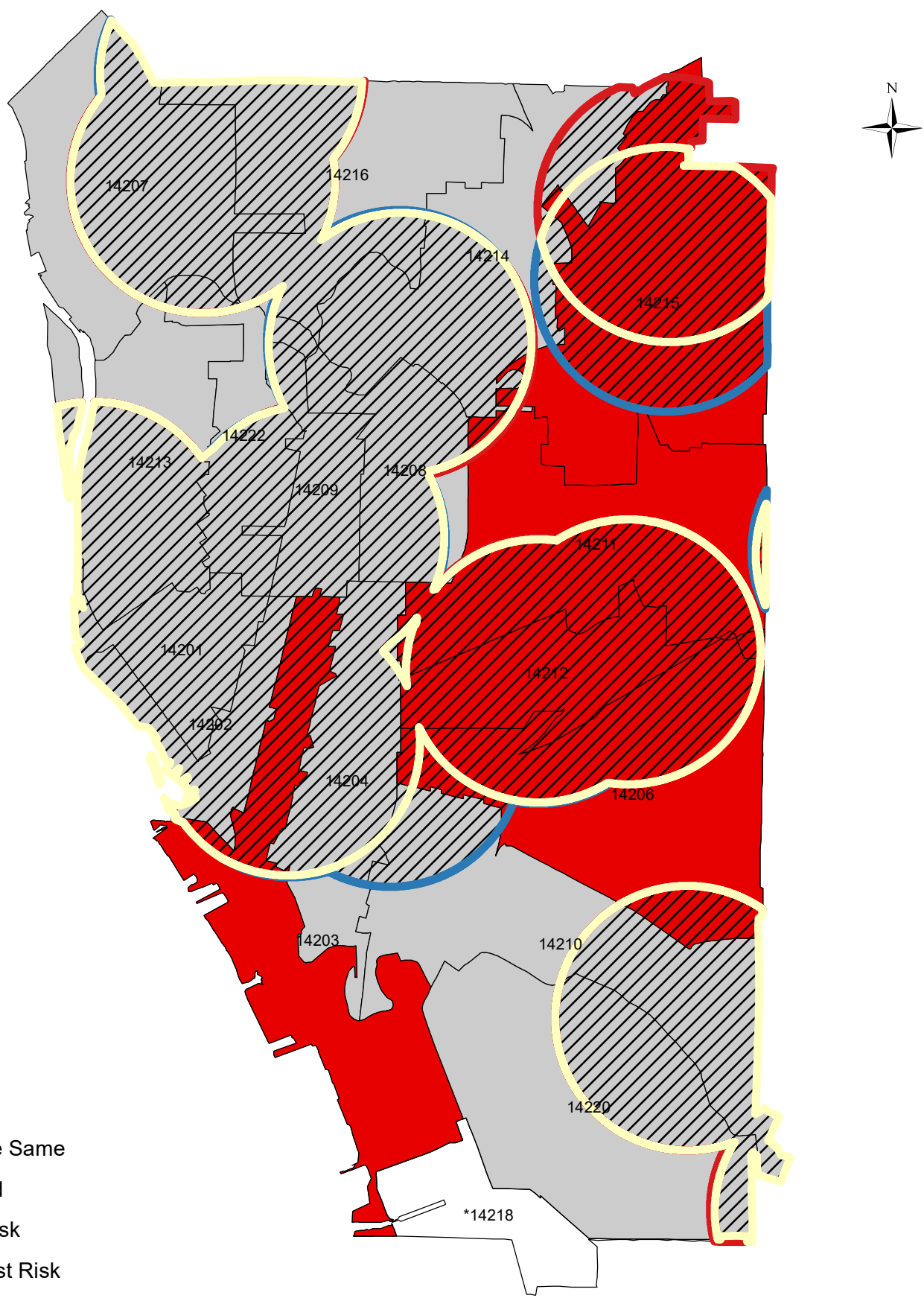


\*The majority of ZIP Code 14218 is outside the City of Buffalo



# Comparison of Accessibility to Outpatient Programs between 2017 & 2019 (Within 1 Mile Access)

[City of Buffalo Only]



### Legend

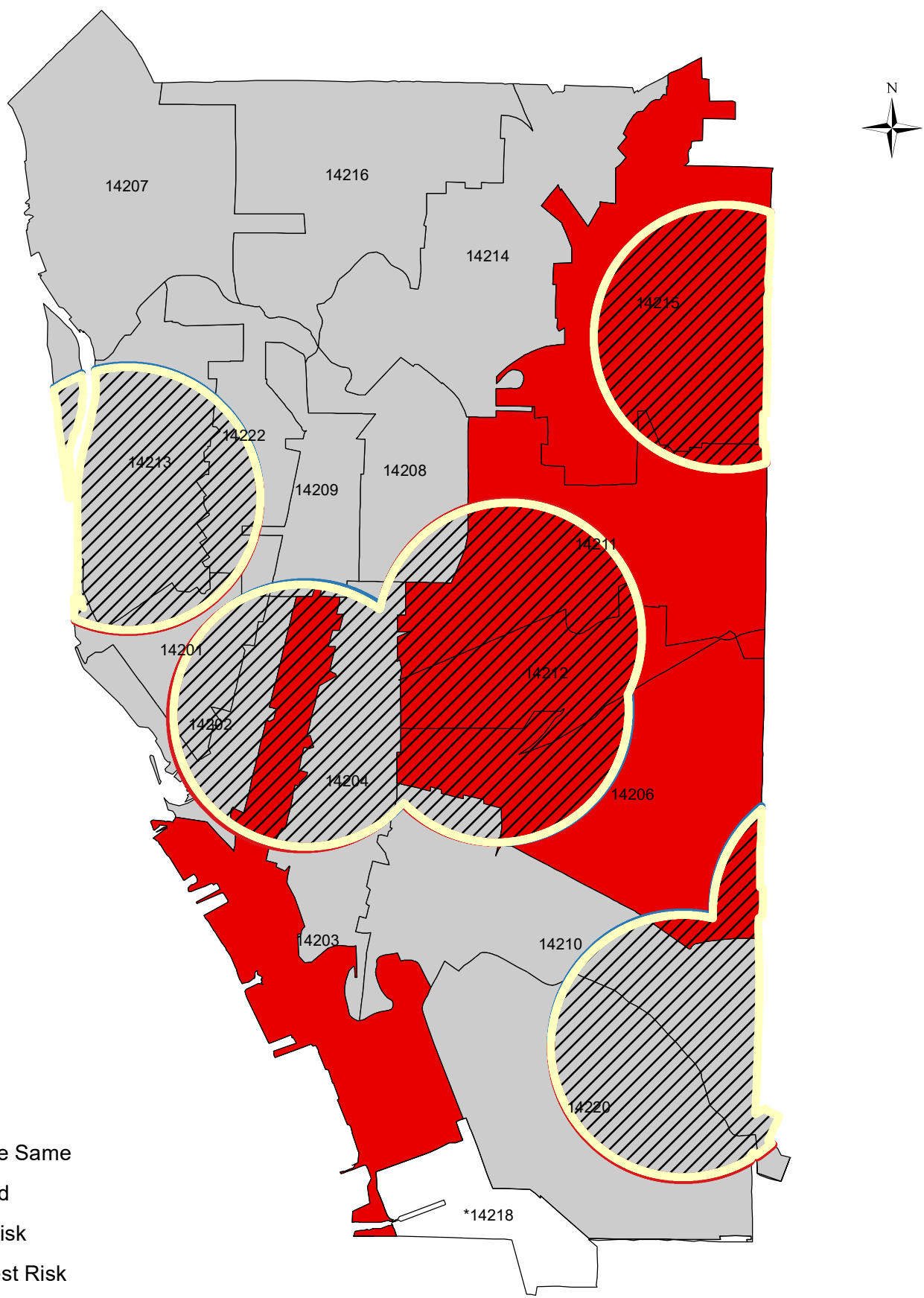
- Increased
- Stayed the Same
- Decreased
- Highest Risk
- Not Highest Risk



\*The majority of ZIP Code 14218 is outside the City of Buffalo

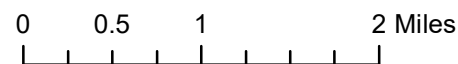
# Comparison of Accessibility to Residential Programs between 2017 & 2019 (Within 1 Mile Access)

[City of Buffalo Only]



### Legend

- Increased
- Stayed the Same
- Decreased
- Highest Risk
- Not Highest Risk



\*The majority of ZIP Code 14218 is outside the City of Buffalo