

Erie County Treatment Gaps and Barriers Analysis

[2017]

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City of Buffalo Only

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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 treatment programs and their locations through the NYS Office of Alcoholism and Substance Abuse Services (OASAS). This data was 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. 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.

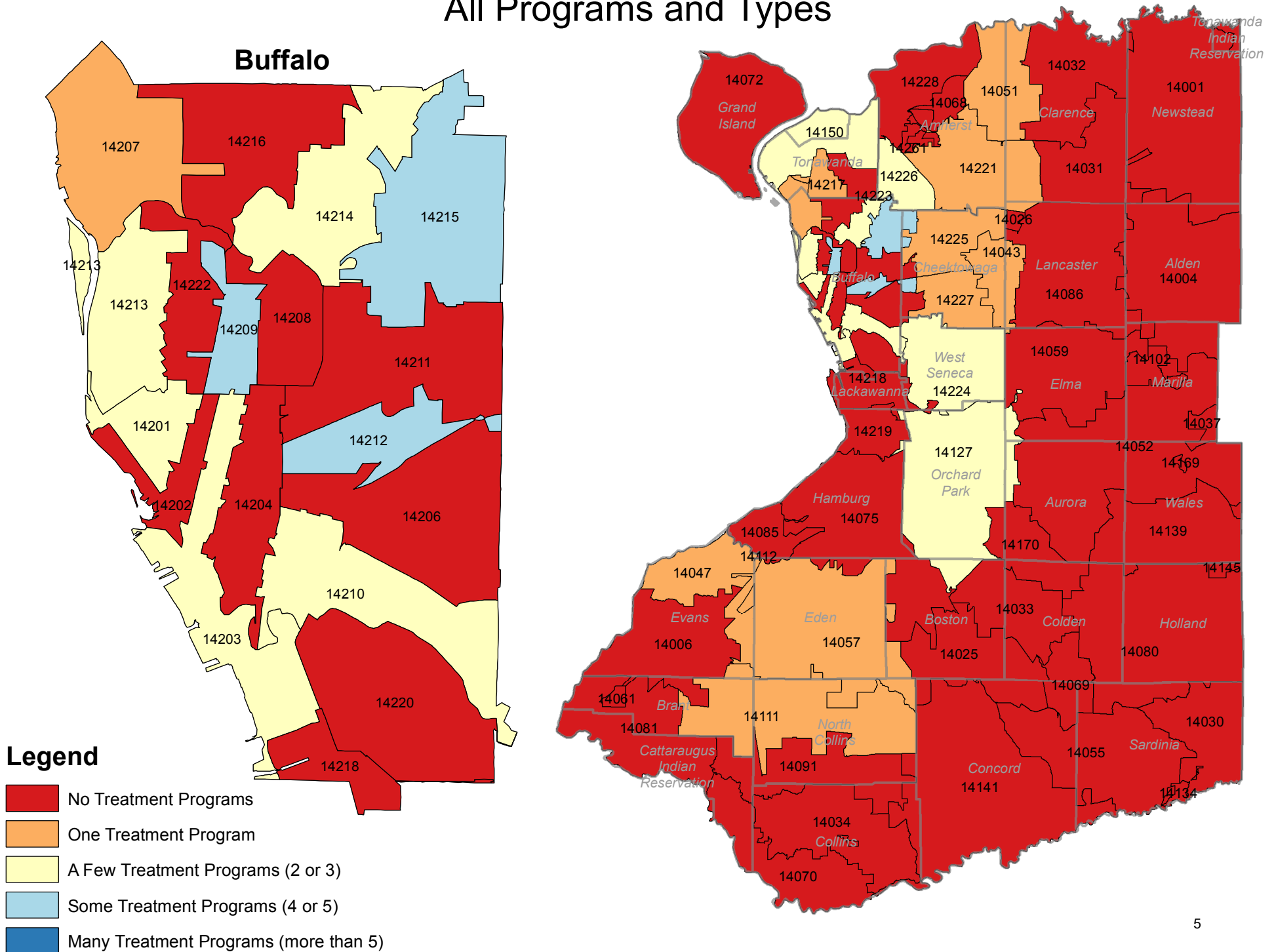
Accessibility was measured using definitions instituted by the U.S. Department of Agriculture Economic Research Service through research on food access. In urban areas, accessibility is defined as being within 1 mile; and in rural areas, within 10 miles. Maps showing ZIP codes of highest risk were derived 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

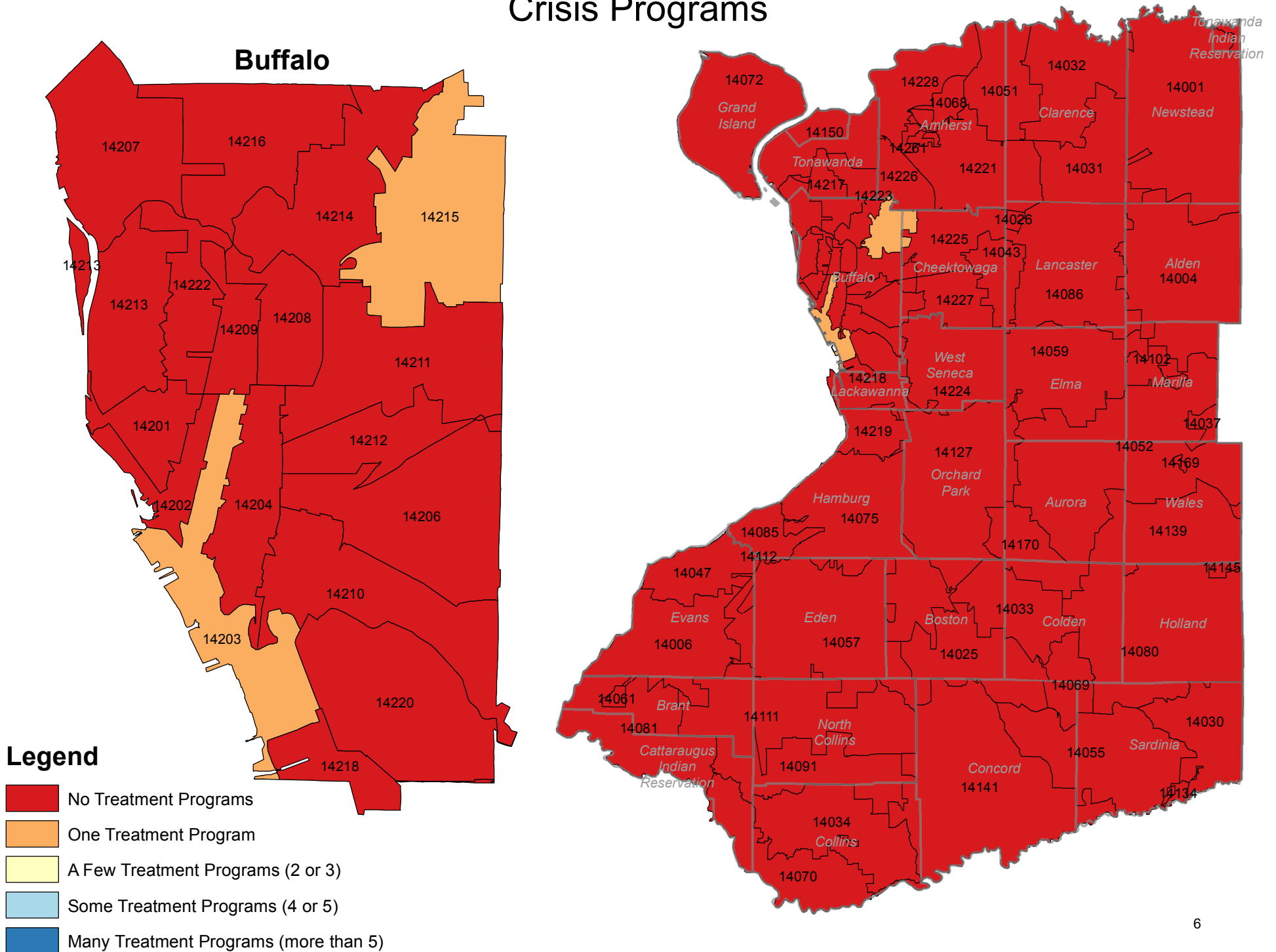
- Descriptive Maps of Treatment Program Locations
 - Many ZIP codes in Erie County do not contain any type of treatment program, particularly in the rural eastern and southwestern portions of the county.
 - Crisis, inpatient and methadone programs are found only within the City of Buffalo. The availability of crisis programs in the city has decreased since 2015 while inpatient coverage has also decreased over this timeframe with a loss of programming in West Seneca.
 - 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. First ring suburbs overall have a good distribution of coverage but there are notable locations that lack any programs including Lackawanna 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
 - ZIP codes with highest aggregated risk have few or no treatment programs. ZIP code 14228 in the Town of Amherst has no coverage, and municipalities in the

- Southtowns are also lacking program coverage. Other highest risk locations have at least one program, with ZIP code 14150 having a few programs. Outpatient programs are similarly distributed compared to all programs.
- None of the highest risk ZIP codes in Erie County, excluding the City of Buffalo have crisis, inpatient, methadone, or residential programs.
 - City of Buffalo Only
 - ZIP codes with highest levels of aggregate risk have some program coverage.
 - ZIP code 14201, which comprises a portion of downtown Buffalo, contains a few treatment programs for methadone and outpatient, but no programs for crisis, inpatient, or residential.
 - ZIP codes 14202, which comprises another portion of downtown Buffalo, and 14211 on the East Side contain no programs of any types.
 - Accessibility Maps
 - Erie County Excluding City of Buffalo
 - Overall accessibility in Erie County based on all treatment programs and types is high and well aligned to areas of highest risk.
 - All of Erie County has good accessibility to outpatient treatment programs. The highest risk ZIP codes have access to these programs within ten miles.
 - Most of the county has access to residential treatment programs. Portions of highest risk ZIP codes 14081, 14034 and 14070 closest to the county border lack access to these programs within ten miles.
 - Though most of the county does not have access to crisis, inpatient, or methadone treatment programs, only the ZIP codes in the rural southern portion of the county with highest aggregate risk lack access. Access to these programs types are concentrated around the City of Buffalo and the surrounding Northtowns and includes access to programs of these types outside of Erie County in Niagara County.
 - City of Buffalo Only
 - Overall accessibility in Buffalo for all program types is well aligned to areas of highest risk. Only portions of ZIP code 14211 and 14203 are lacking access within one mile.
 - The most prevalent program type in Buffalo is outpatient and areas lacking access within one mile are similar to overall accessibility.
 - ZIP codes 14201, 14202 and 14203 lack access to inpatient programs within one mile, while ZIP code 14211 has low access.
 - Access to crisis and methadone programs are aligned to portions of ZIP codes 14201, 14202 and 14203 but 14211 and the southern portion of 14203 are mostly lacking in 1 mile access.
 - Overall accessibility of residential programs is somewhat aligned to highest risk ZIP codes in the city, however large portions of ZIP codes 14203 and 14211 lack access.

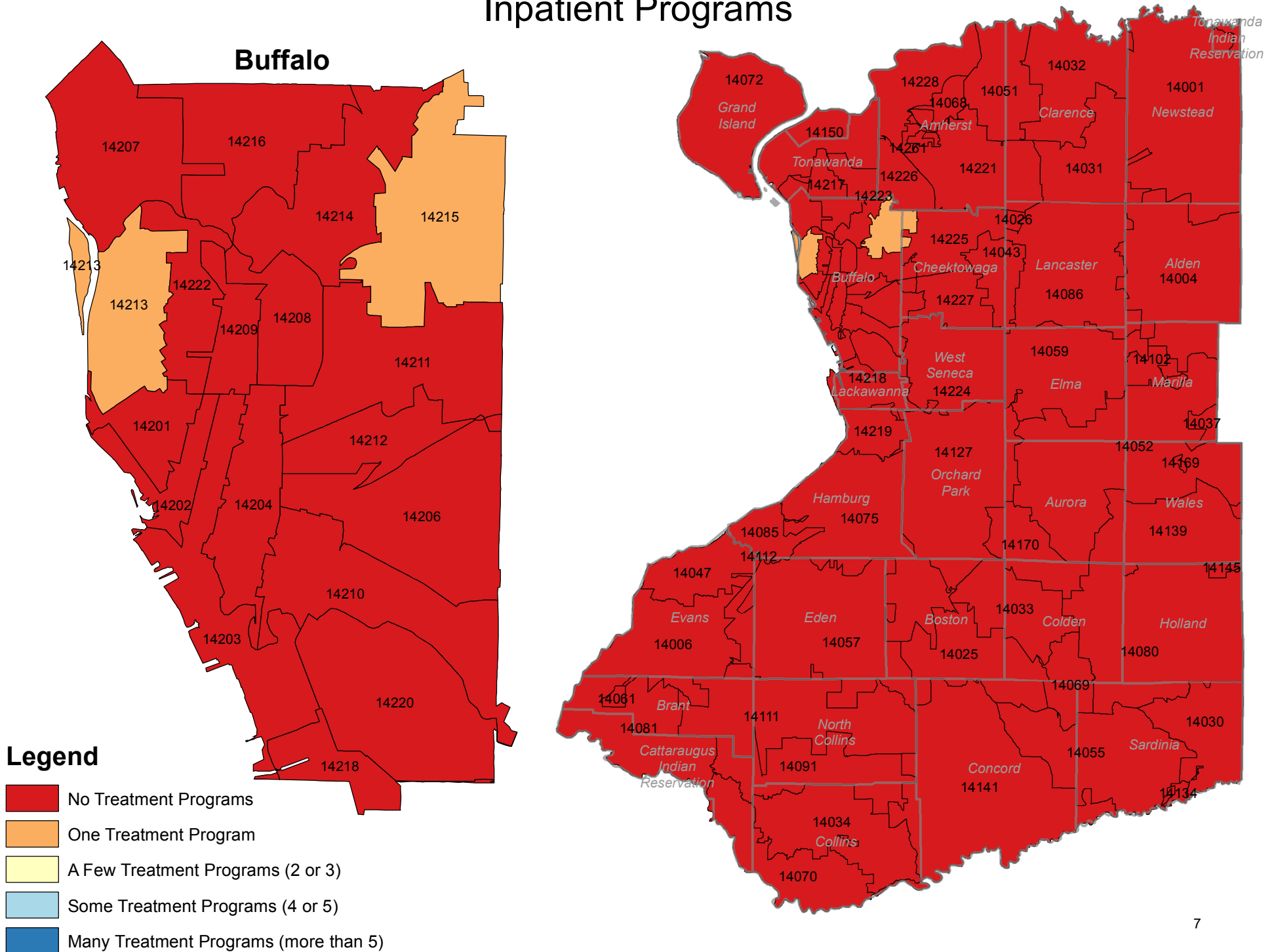
Erie County Chemical Dependency Treatment Programs: All Programs and Types



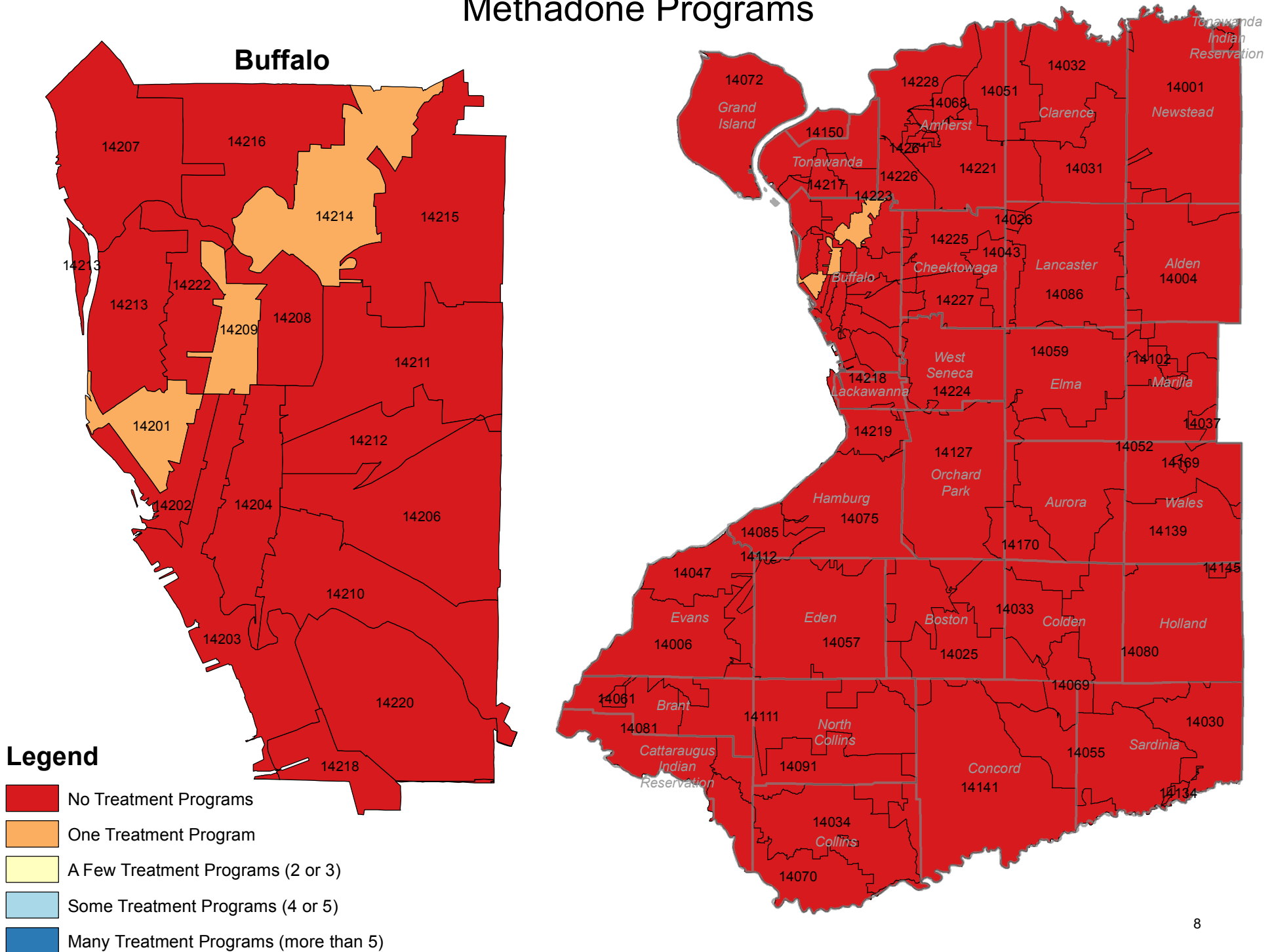
Erie County Chemical Dependency Treatment Programs: Crisis Programs



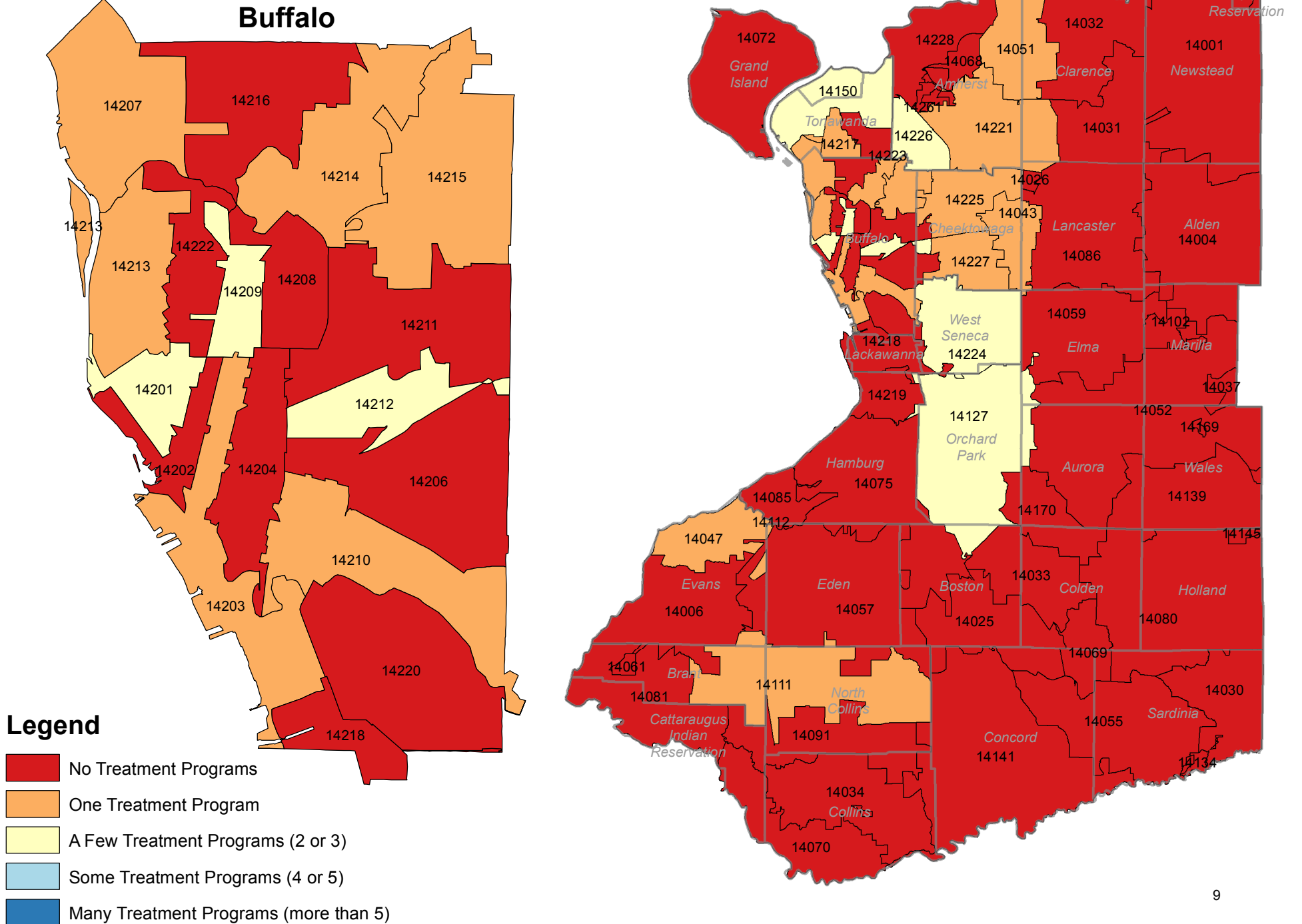
Erie County Chemical Dependency Treatment Programs: Inpatient Programs



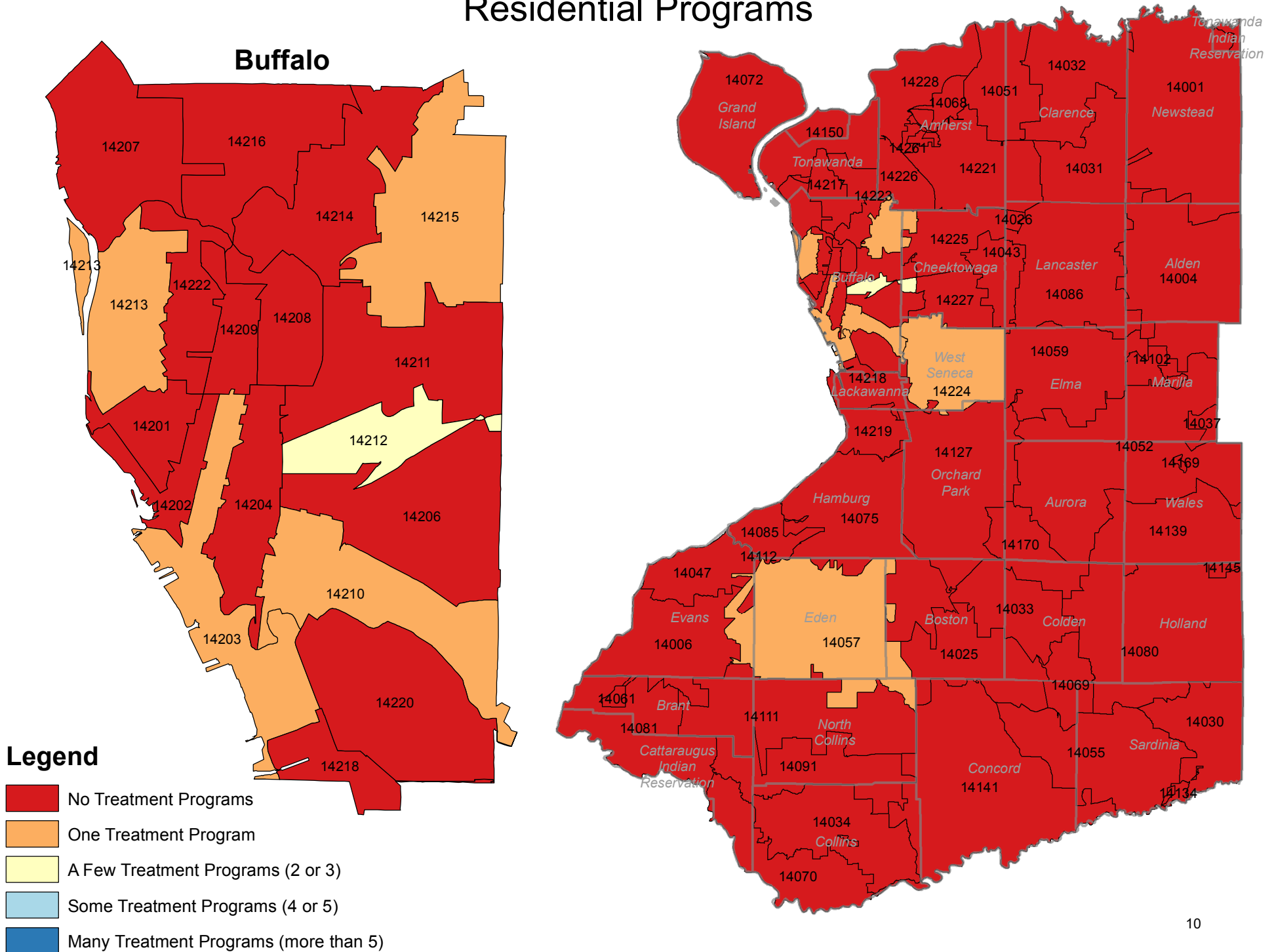
Erie County Chemical Dependency Treatment Programs: Methadone Programs



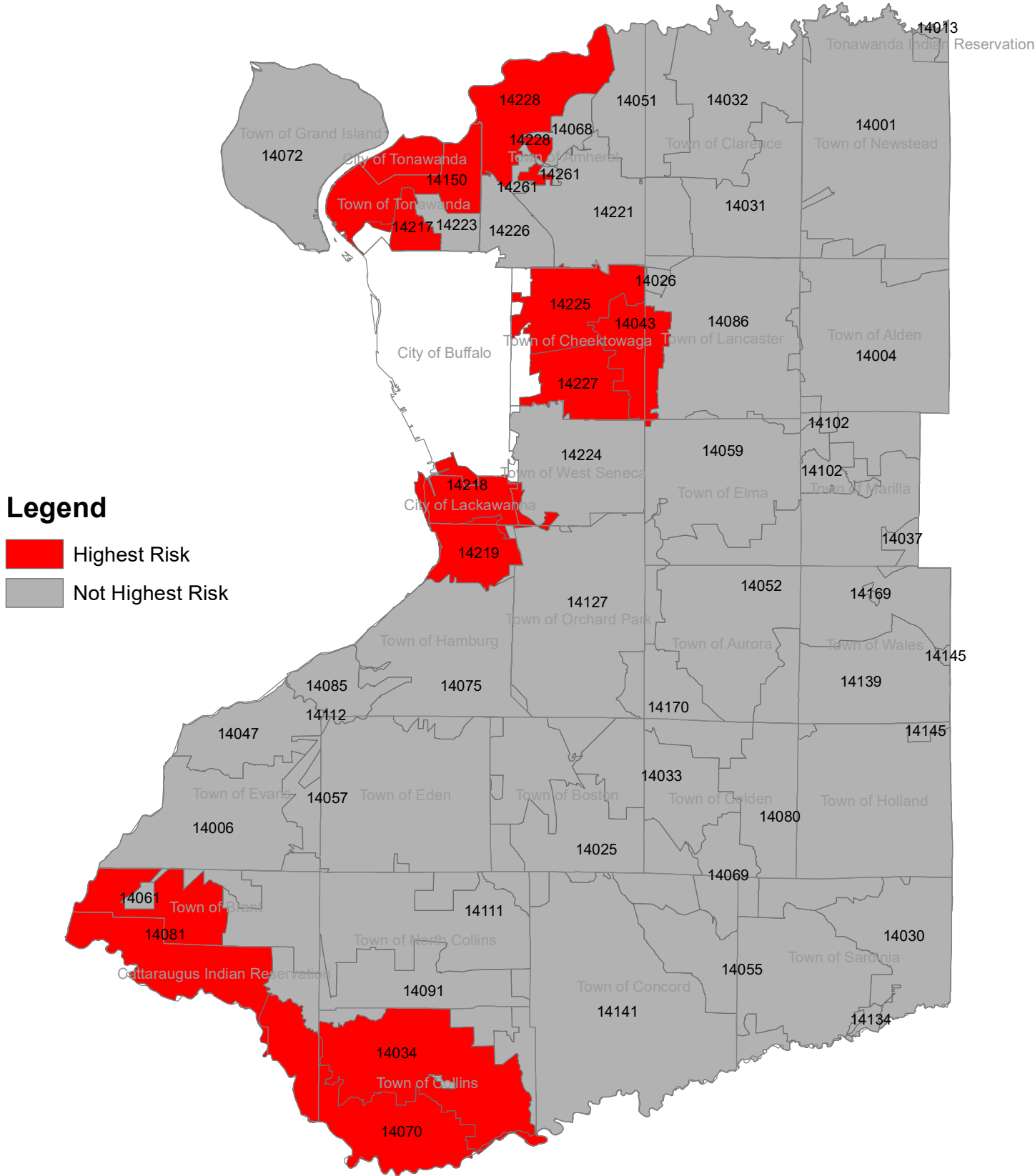
Erie County Chemical Dependency Treatment Programs: Outpatient Programs



Erie County Chemical Dependency Treatment Programs: Residential Programs



ZIP Codes with Highest Level of Aggregated Risk [Erie County Excluding City of Buffalo, with Municipal Boundaries]

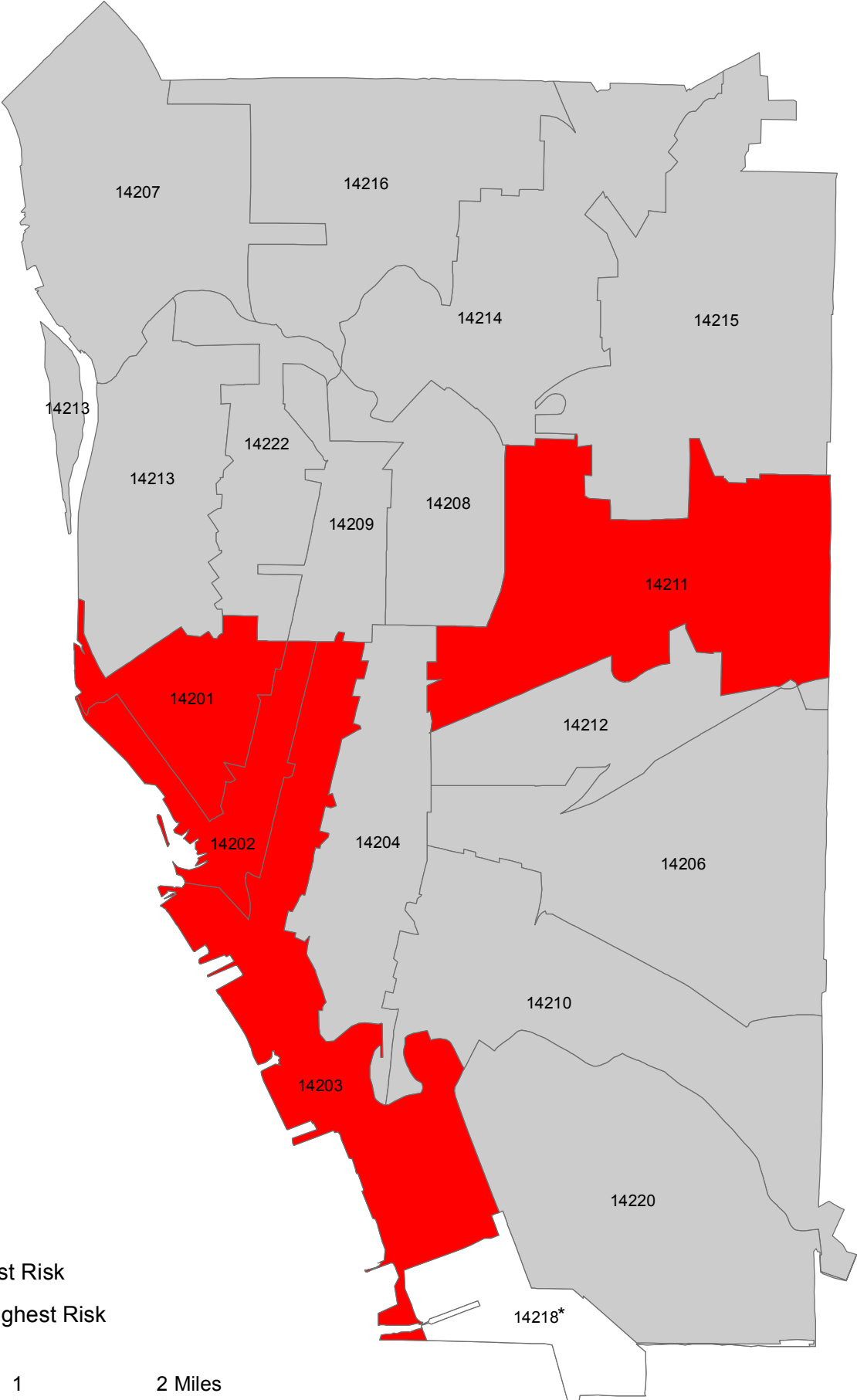


0 3 6 12 Miles



ZIP Codes with Highest Level of Aggregated Risk

[City of Buffalo Only]



Legend

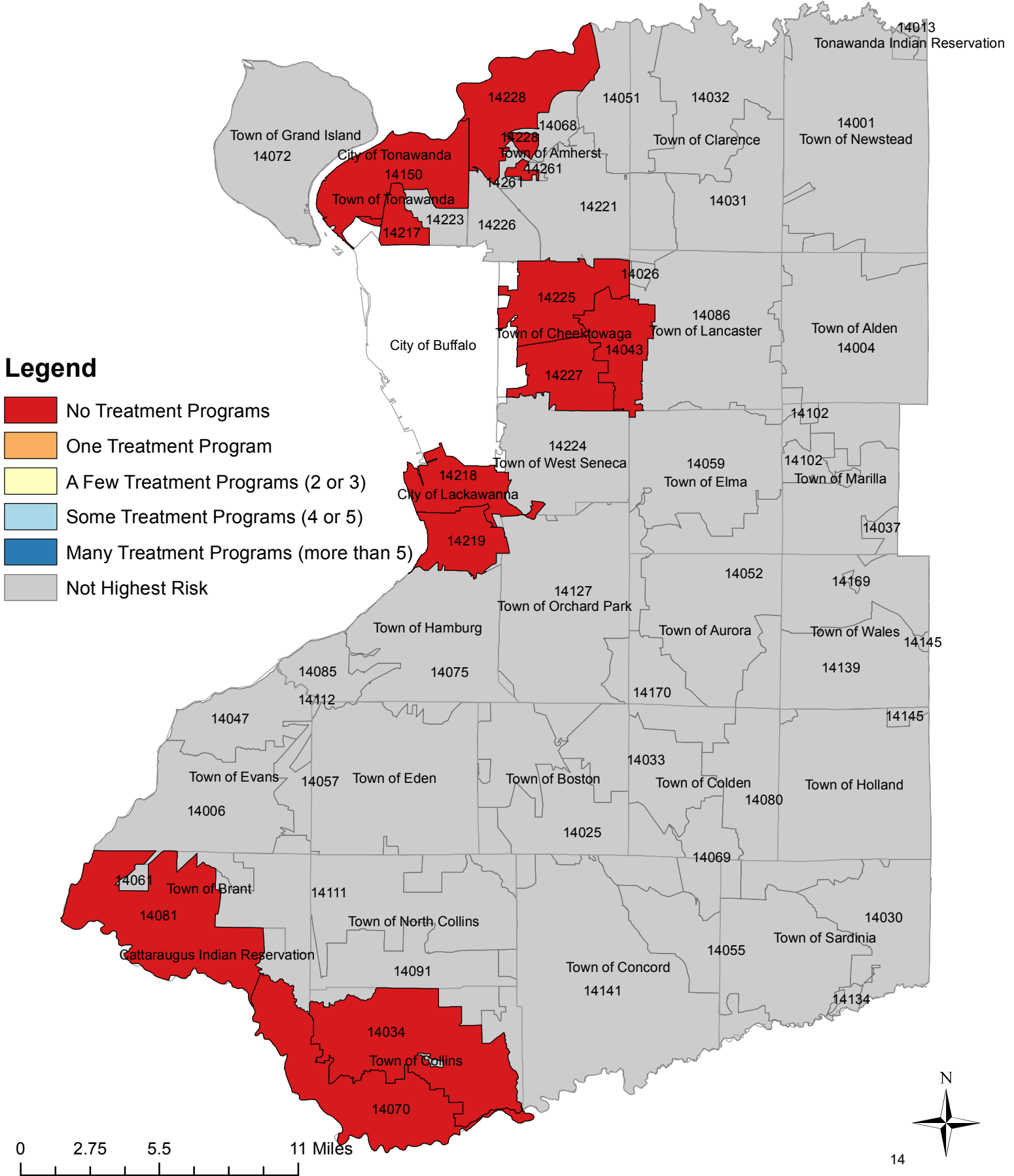
- Highest Risk
- Not Highest Risk



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

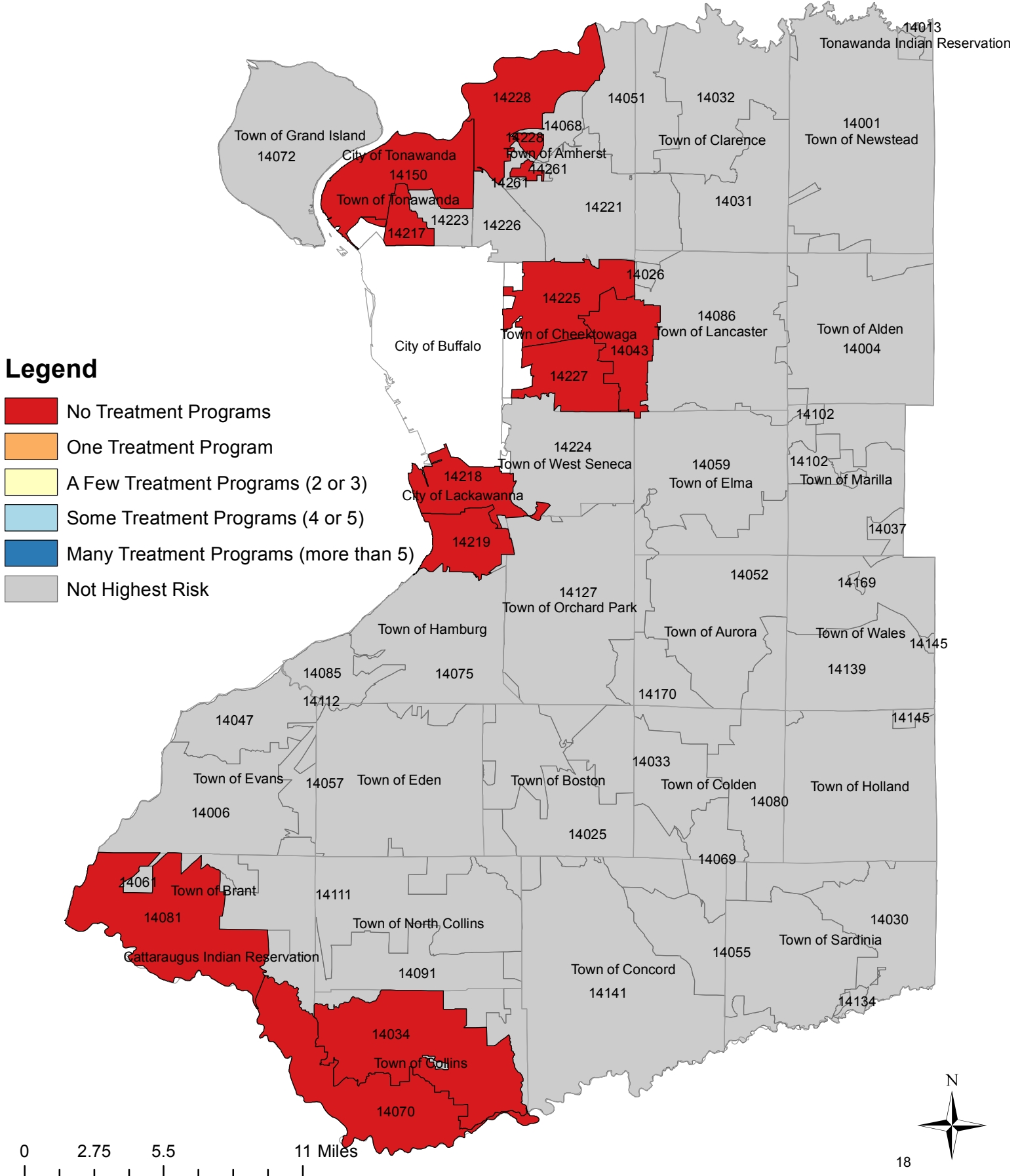
ZIP Codes with Highest Level of Aggregated Risk by Number of Crisis Programs

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

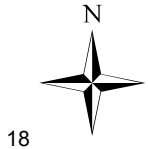


ZIP Codes with Highest Level of Aggregated Risk by Number of Residential Programs

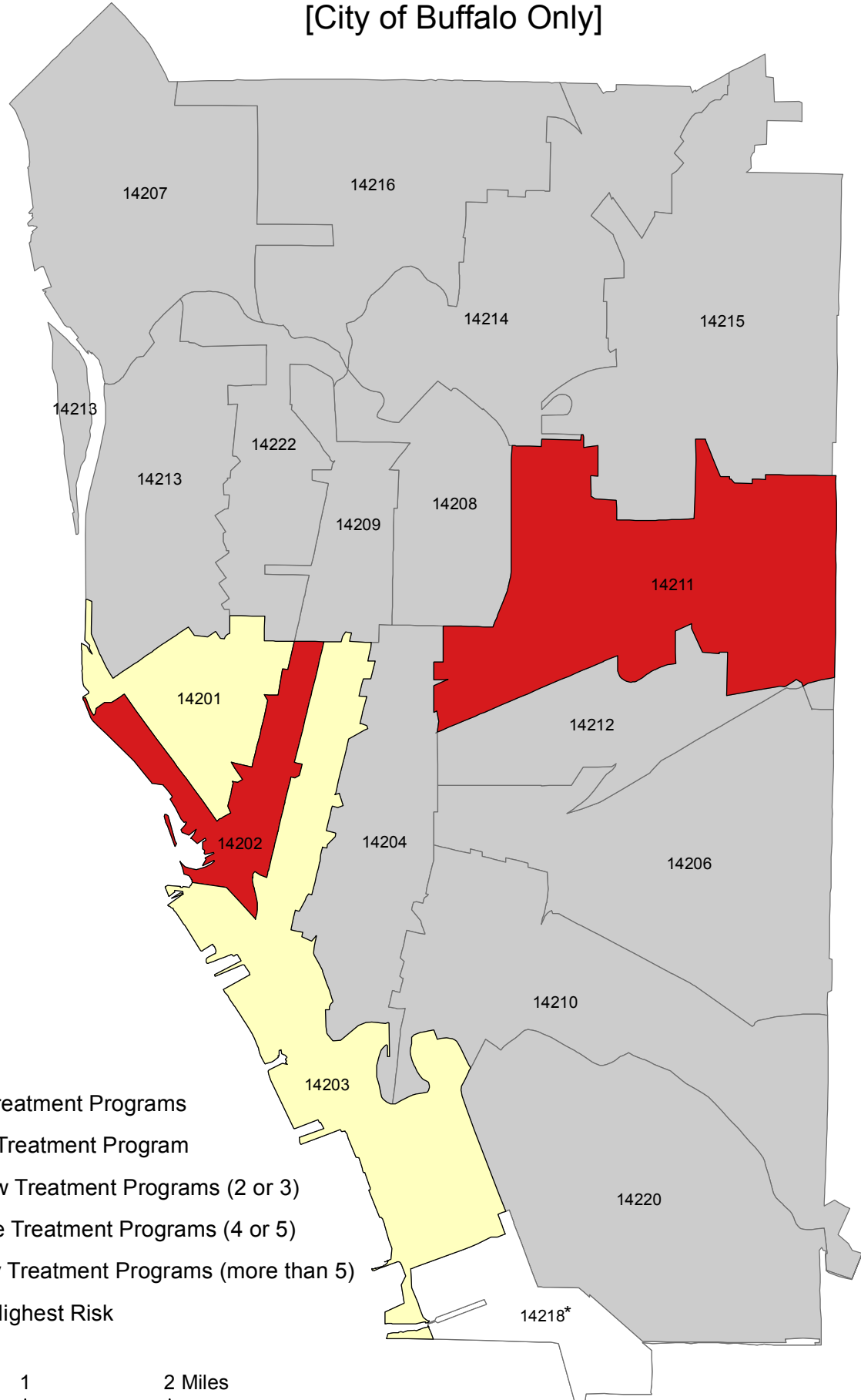
[Erie County Excluding City of Buffalo, with Municipal Boundaries]



0 2.75 5.5 11 Miles

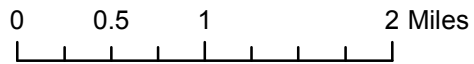


ZIP Codes with Highest Level of Aggregated Risk by Number of Chemical Dependency Programs [City of Buffalo Only]



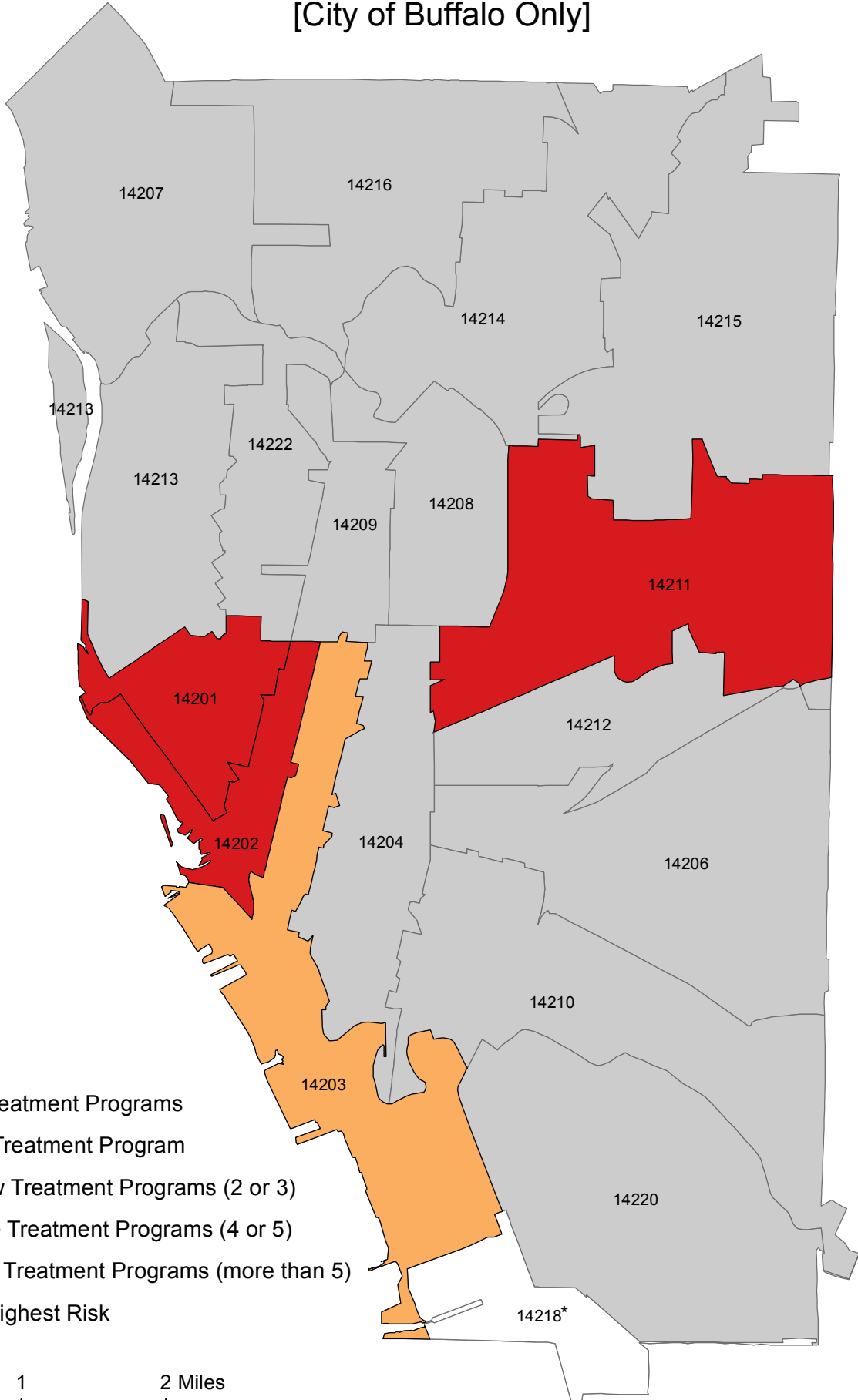
Legend

- 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



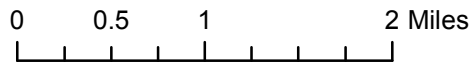
*The majority of ZIP Code 14218 is outside the City of Buffalo.

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



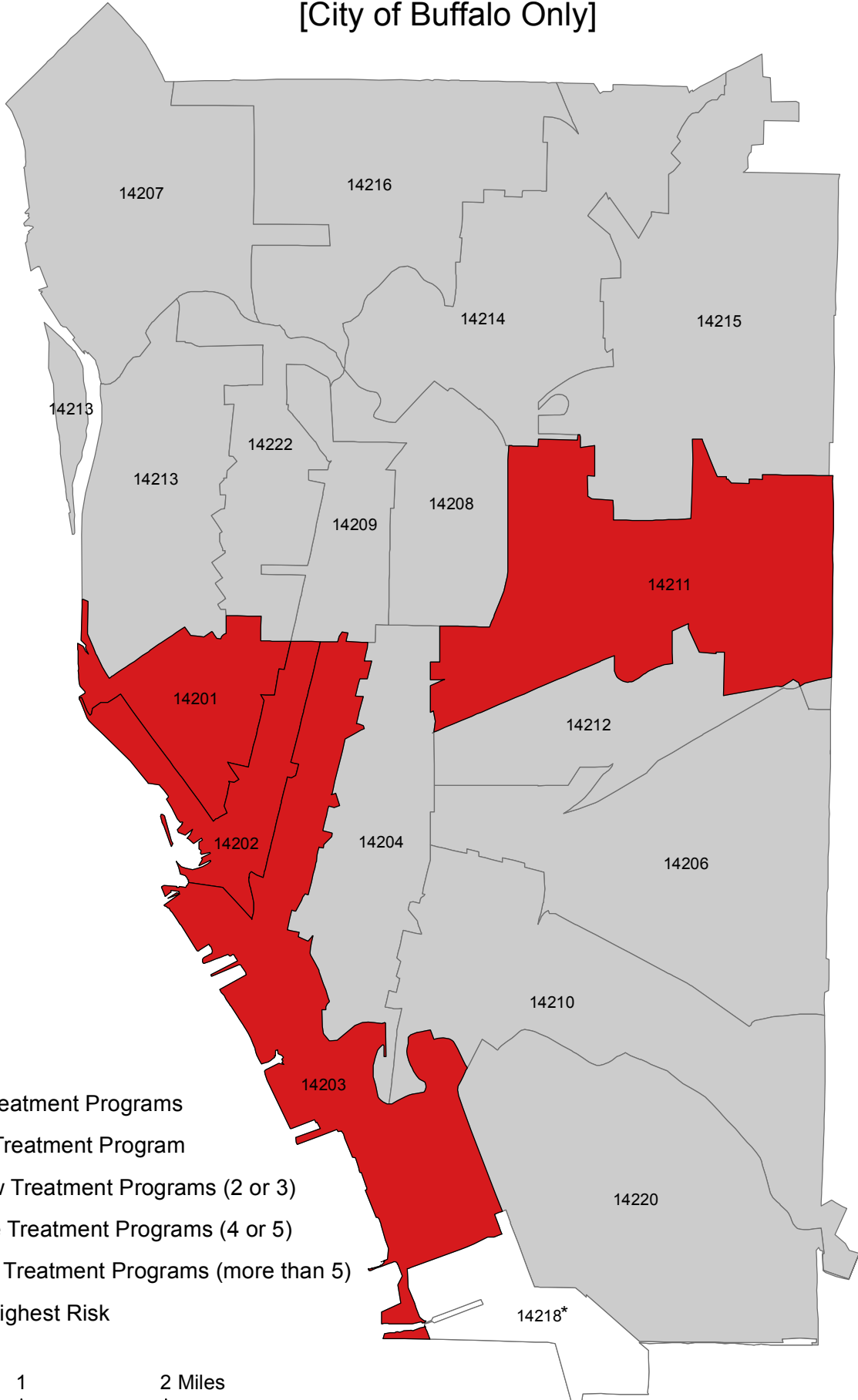
Legend

- 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



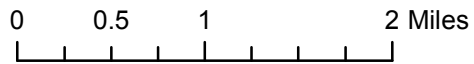
*The majority of ZIP Code 14218 is outside the City of Buffalo.

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



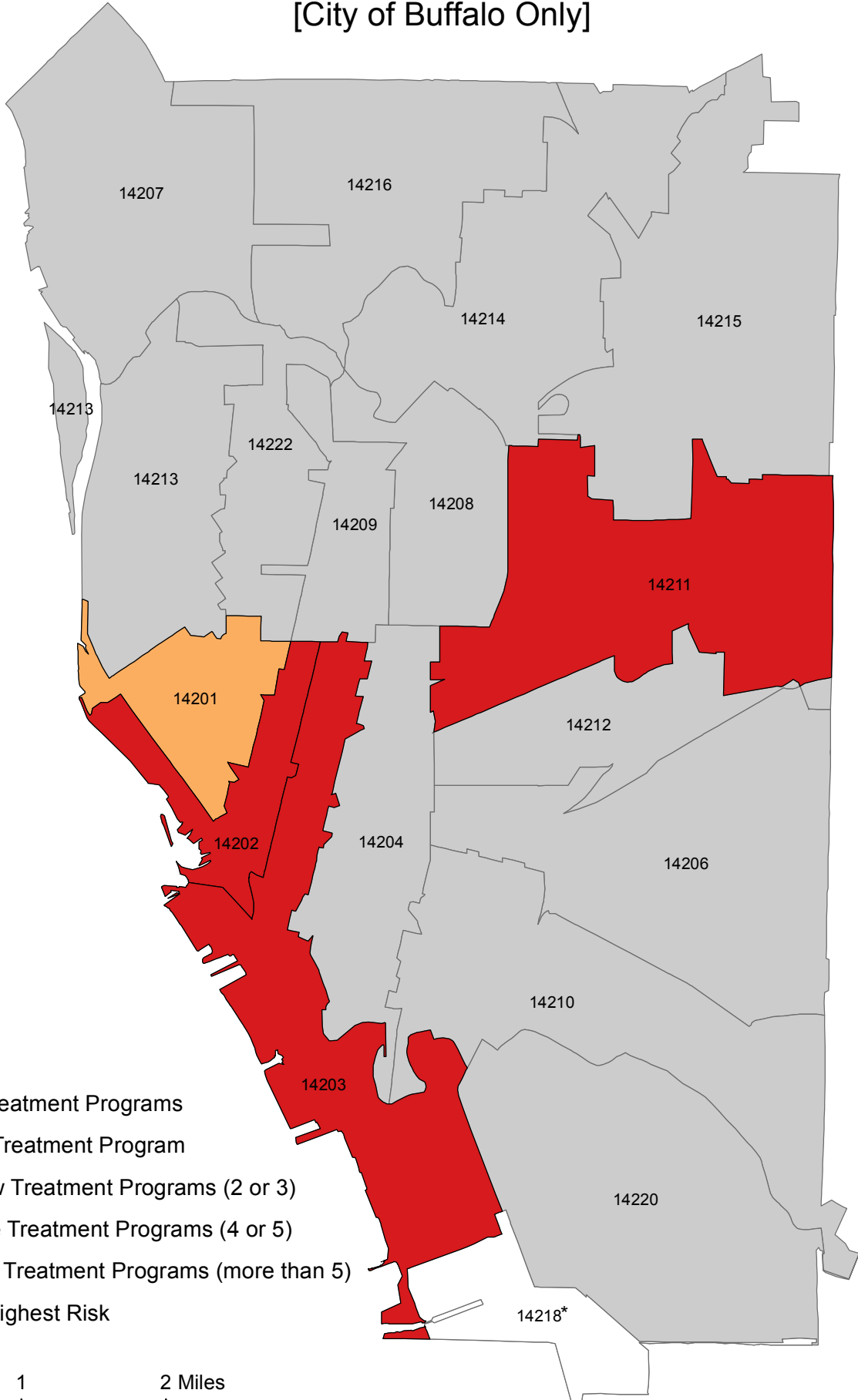
Legend

- 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



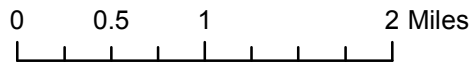
*The majority of ZIP Code 14218 is outside the City of Buffalo.

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



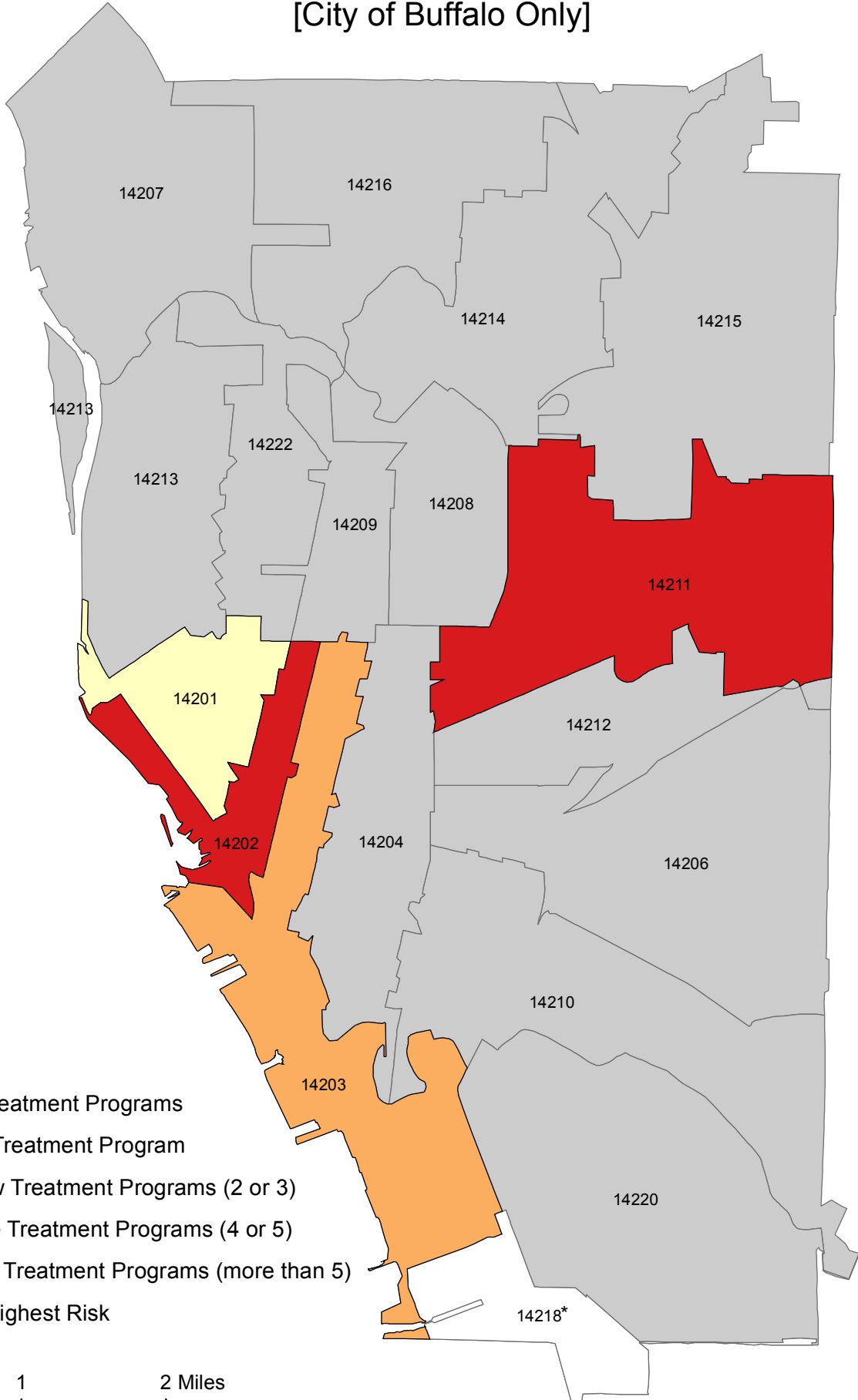
Legend

- 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



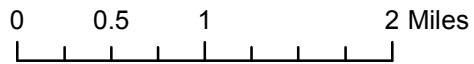
*The majority of ZIP Code 14218 is outside the City of Buffalo.

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



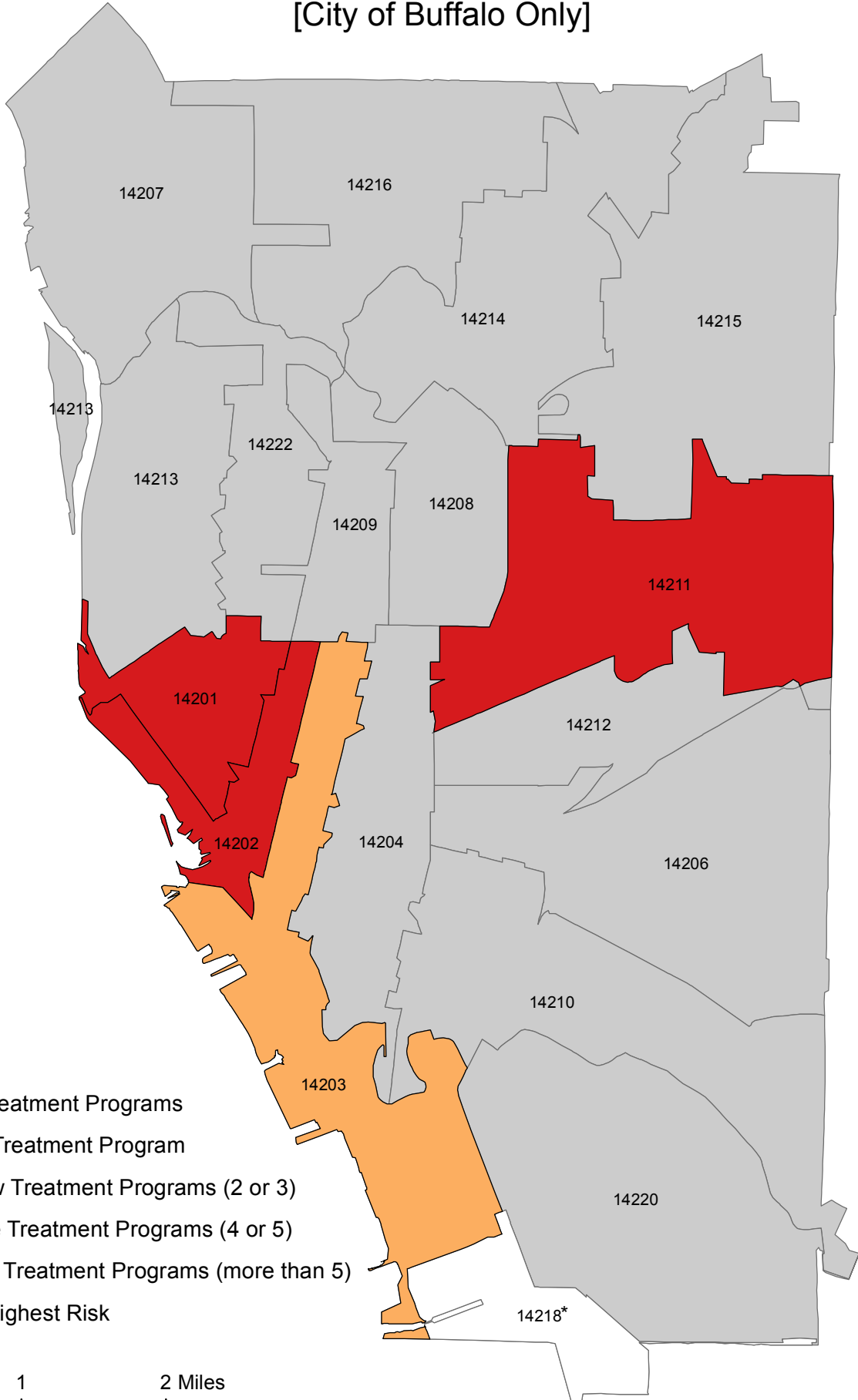
Legend

- 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



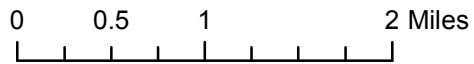
*The majority of ZIP Code 14218 is outside the City of Buffalo.

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



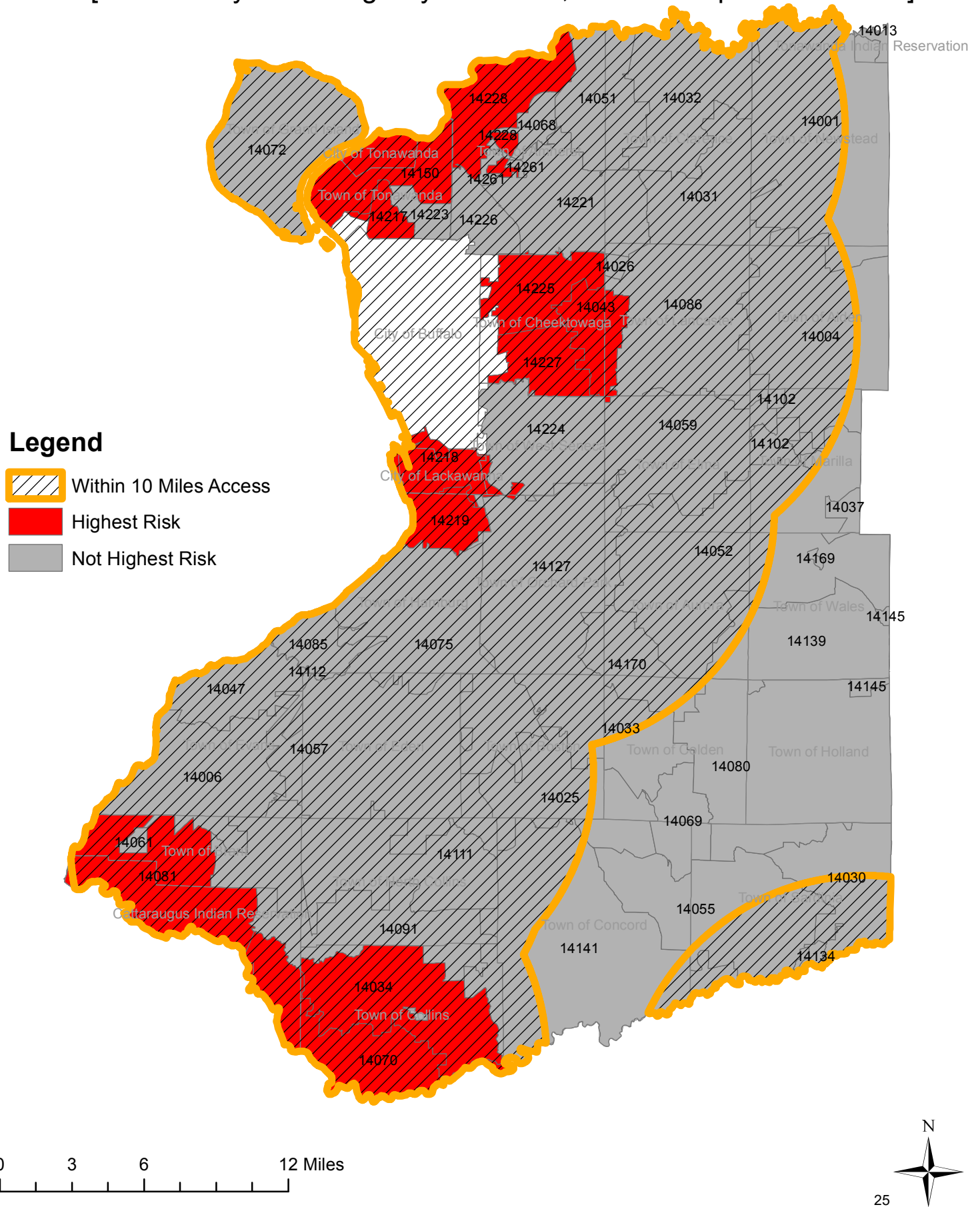
Legend

- 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



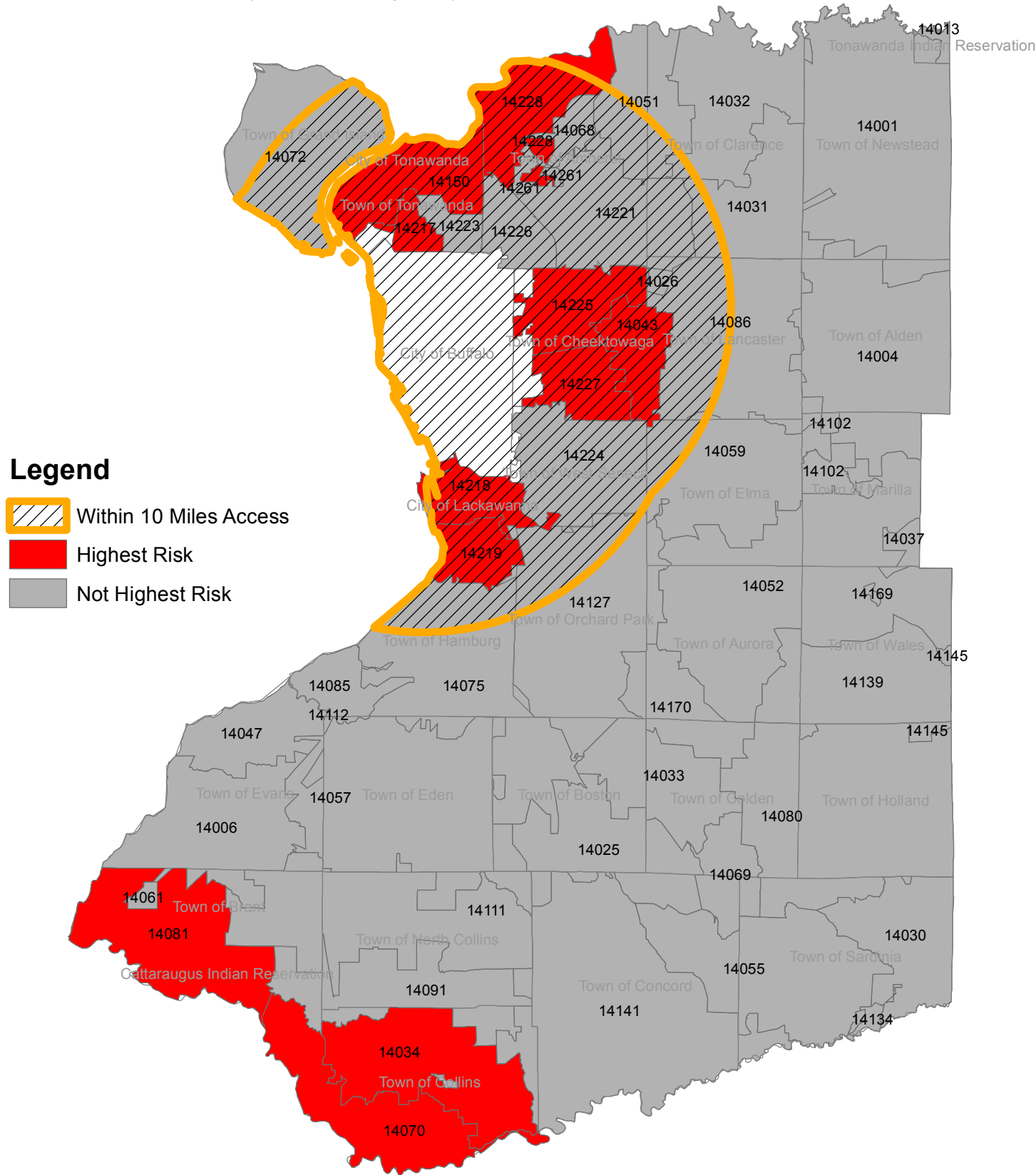
*The majority of ZIP Code 14218 is outside the City of Buffalo.

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



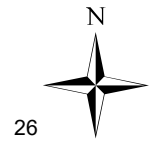
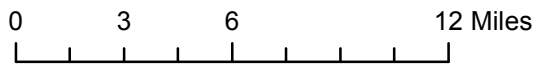
Accessibility to Crisis Programs

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

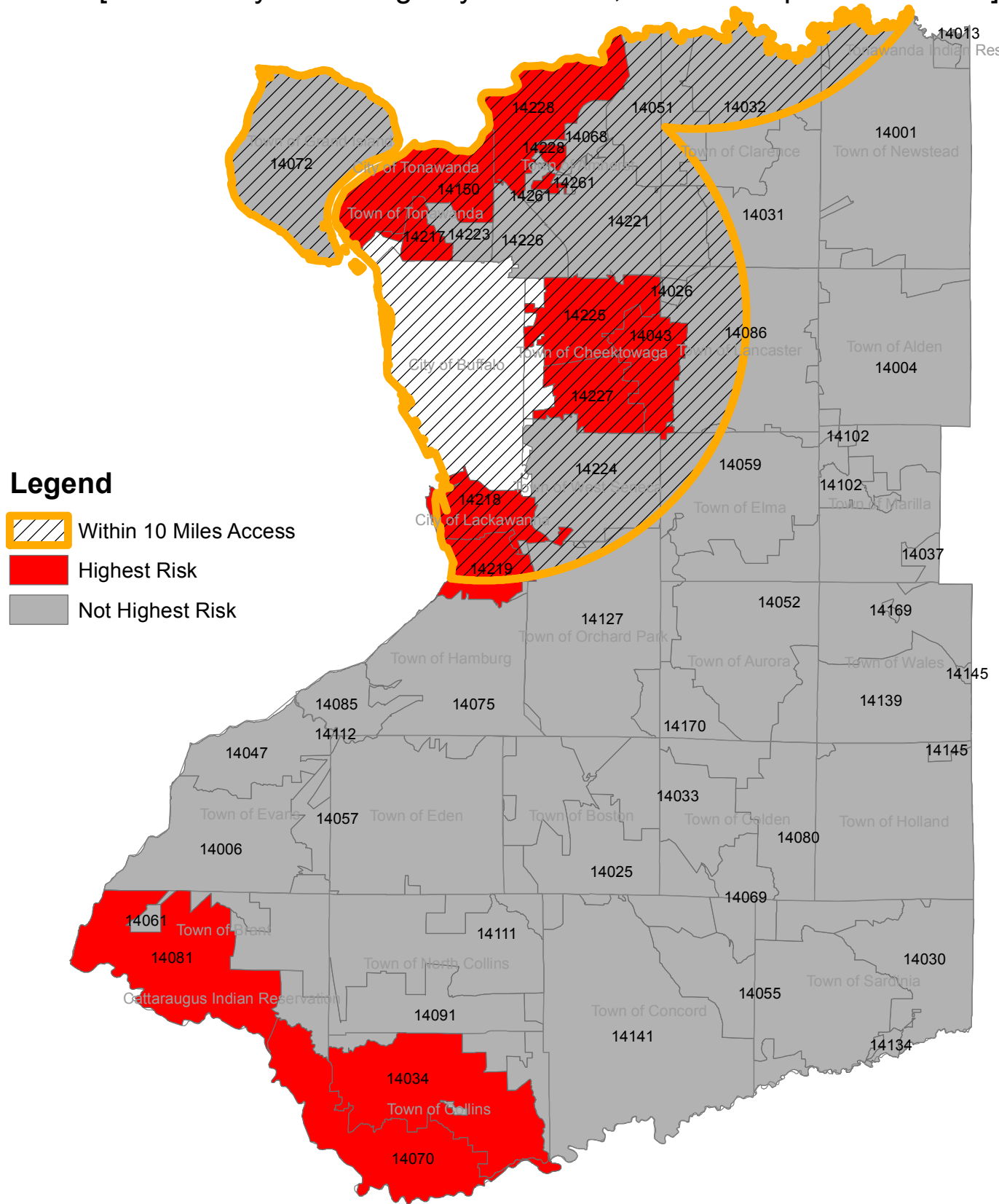


Legend

- Within 10 Miles Access
- Highest Risk
- Not Highest Risk



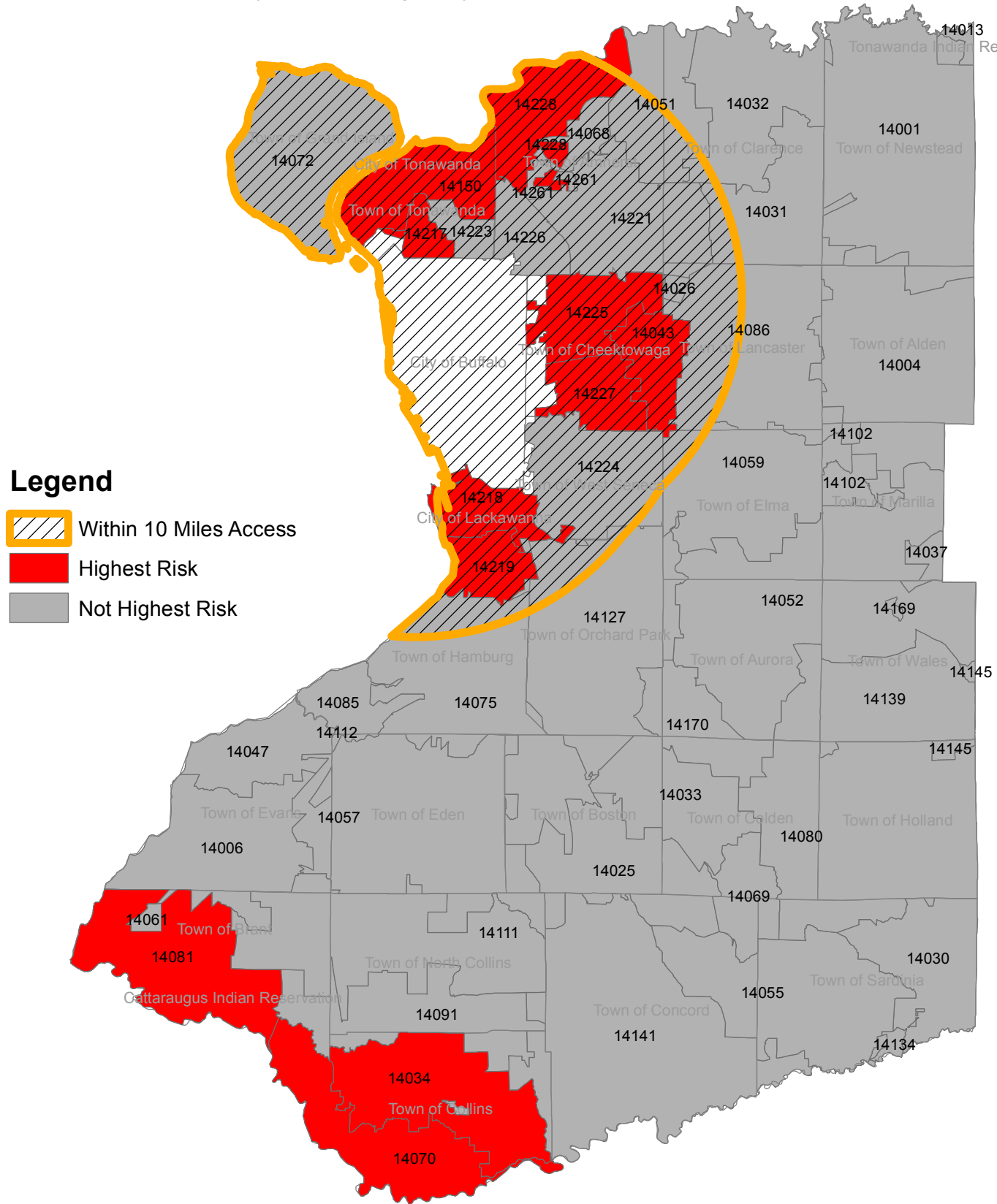
Accessibility to Inpatient Programs (Within 10 Miles Access, Includes Out of County Programs) [Erie County Excluding City of Buffalo, with Municipal Boundaries]






0 3 6 12 Miles



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



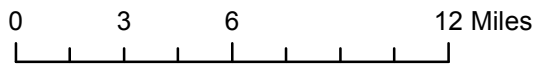
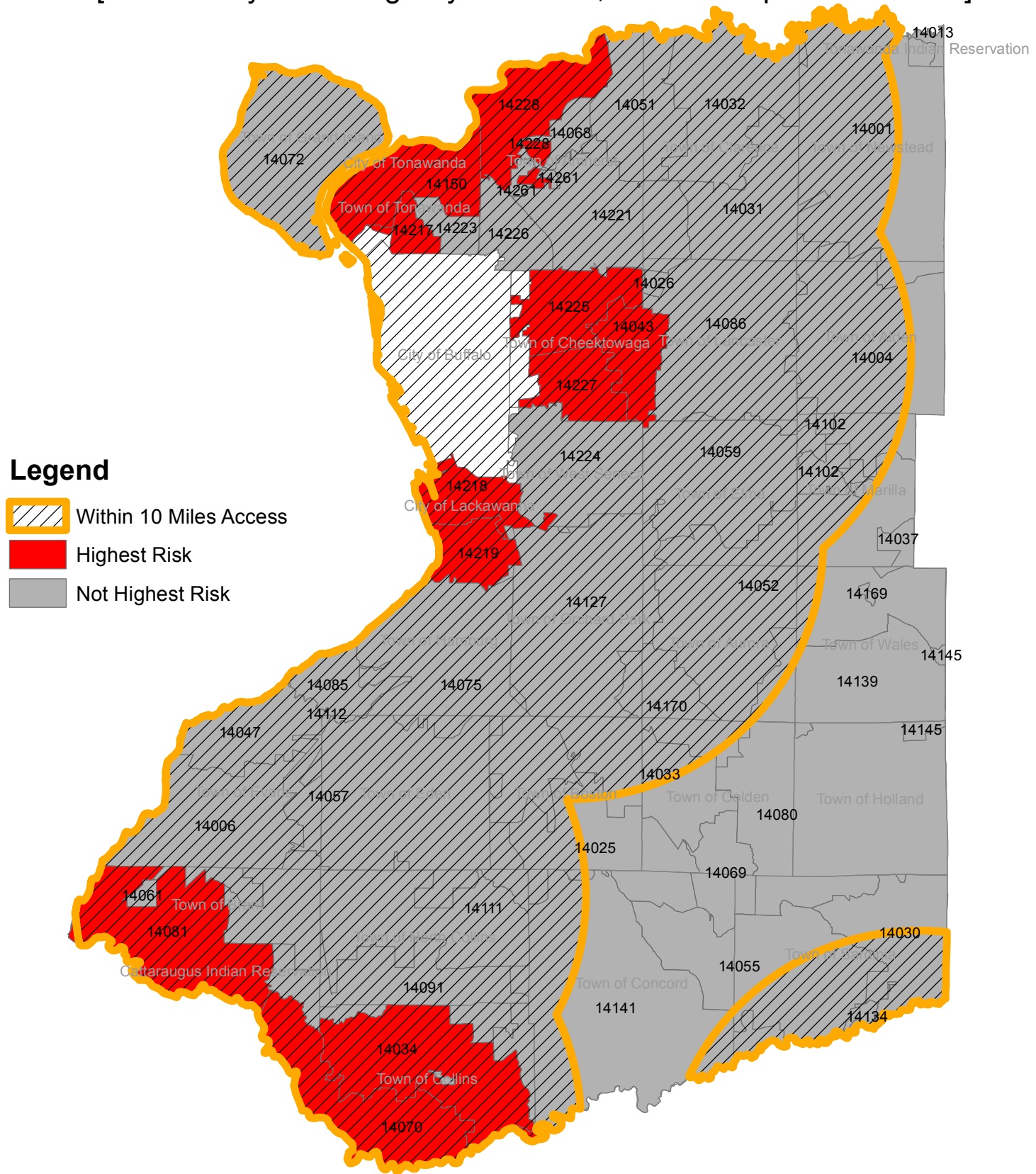
Legend

-  Within 10 Miles Access
-  Highest Risk
-  Not Highest Risk

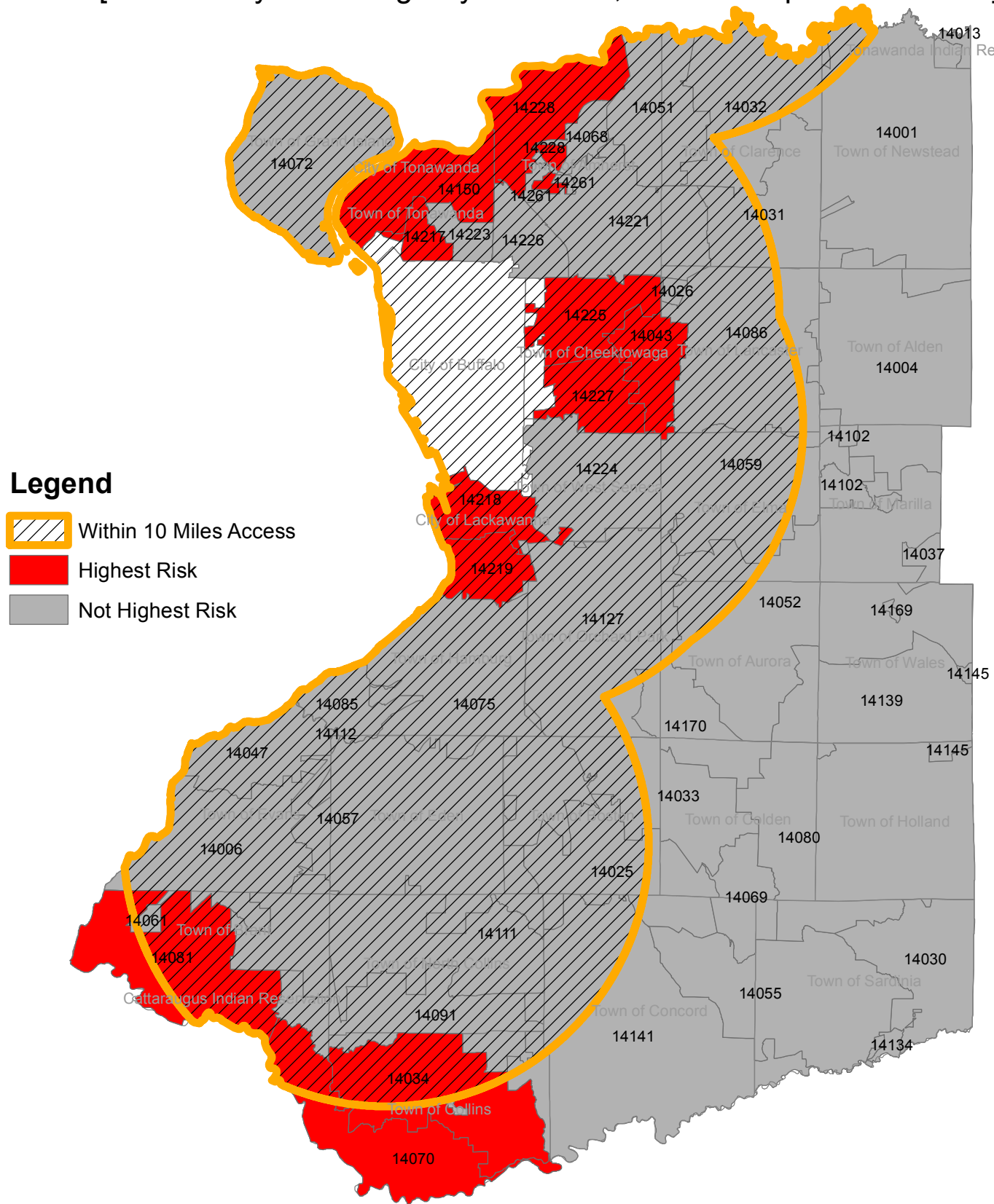


Accessibility to Outpatient Programs

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

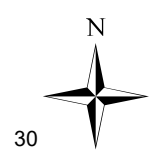
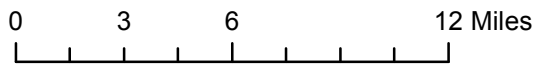


Accessibility to Residential Programs (Within 10 Miles Access, Includes Out of County Programs) [Erie County Excluding City of Buffalo, with Municipal Boundaries]



Legend




-  Within 10 Miles Access
-  Highest Risk
-  Not Highest Risk

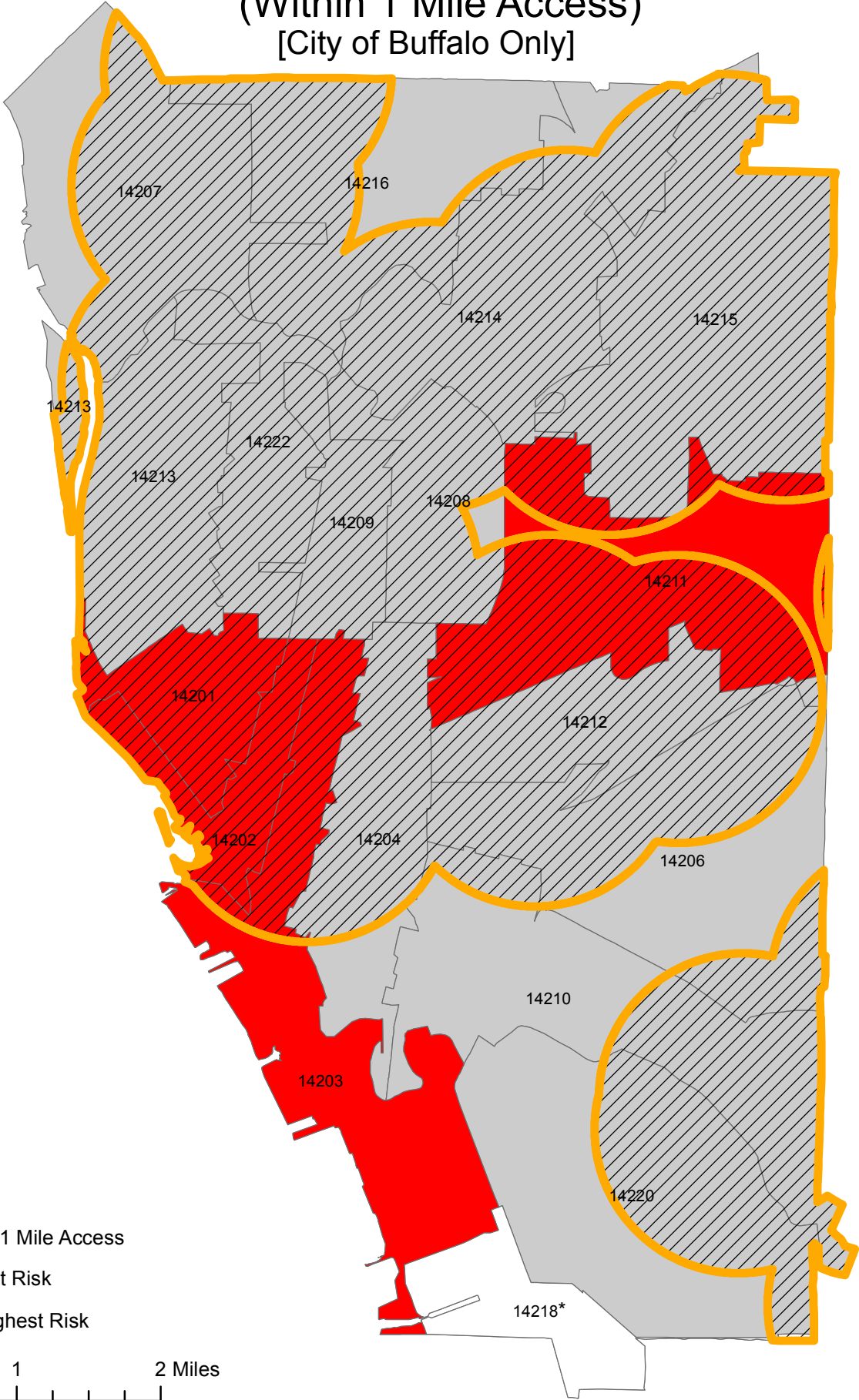
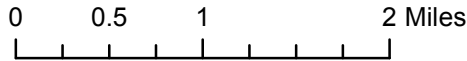


Accessibility to Chemical Dependency Treatment Programs (Within 1 Mile Access) [City of Buffalo Only]



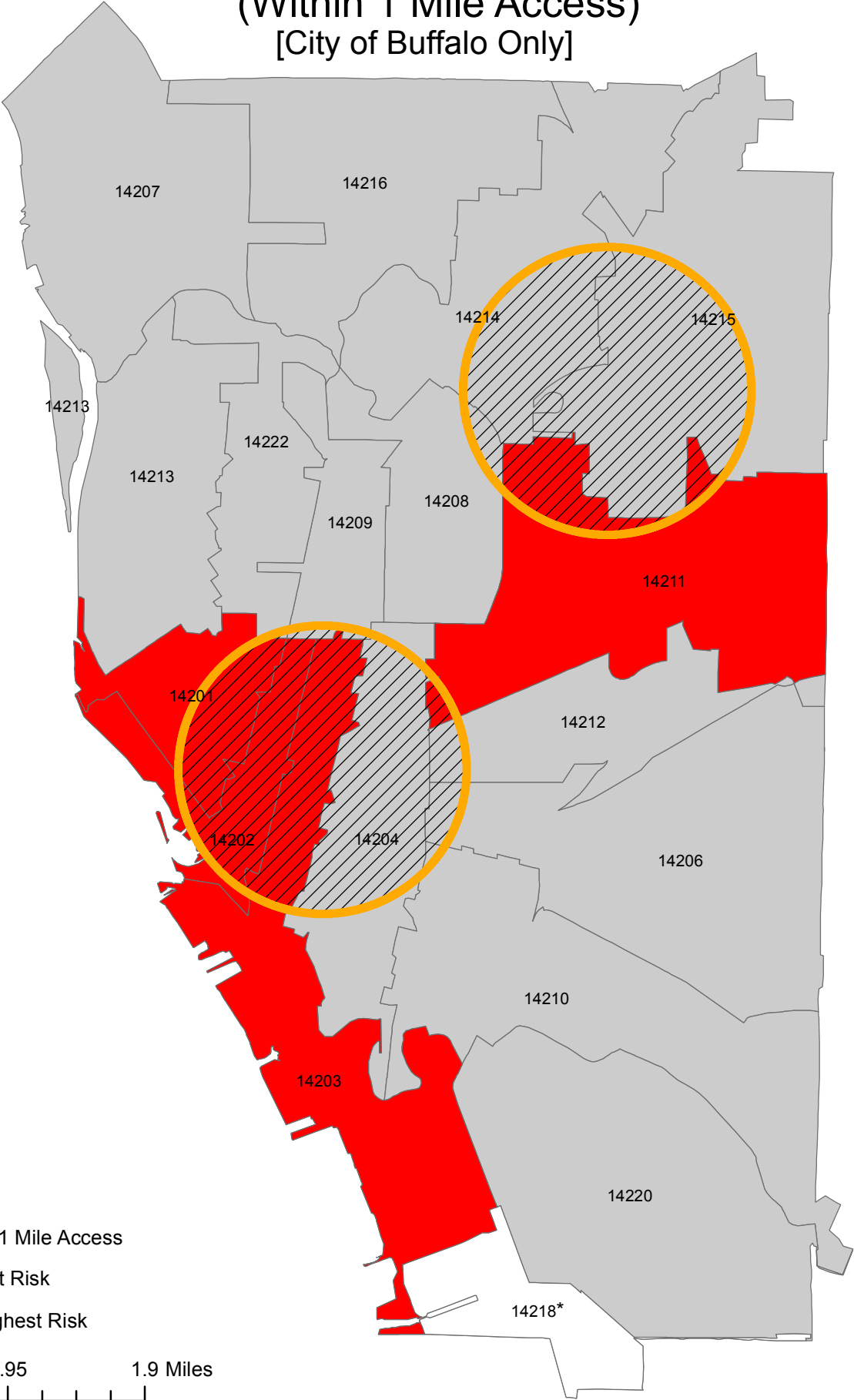
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-  Within 1 Mile Access
-  Highest Risk
-  Not Highest Risk






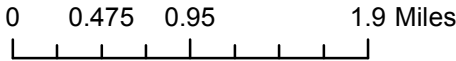
*The majority of ZIP Code 14218 is outside the City of Buffalo.

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



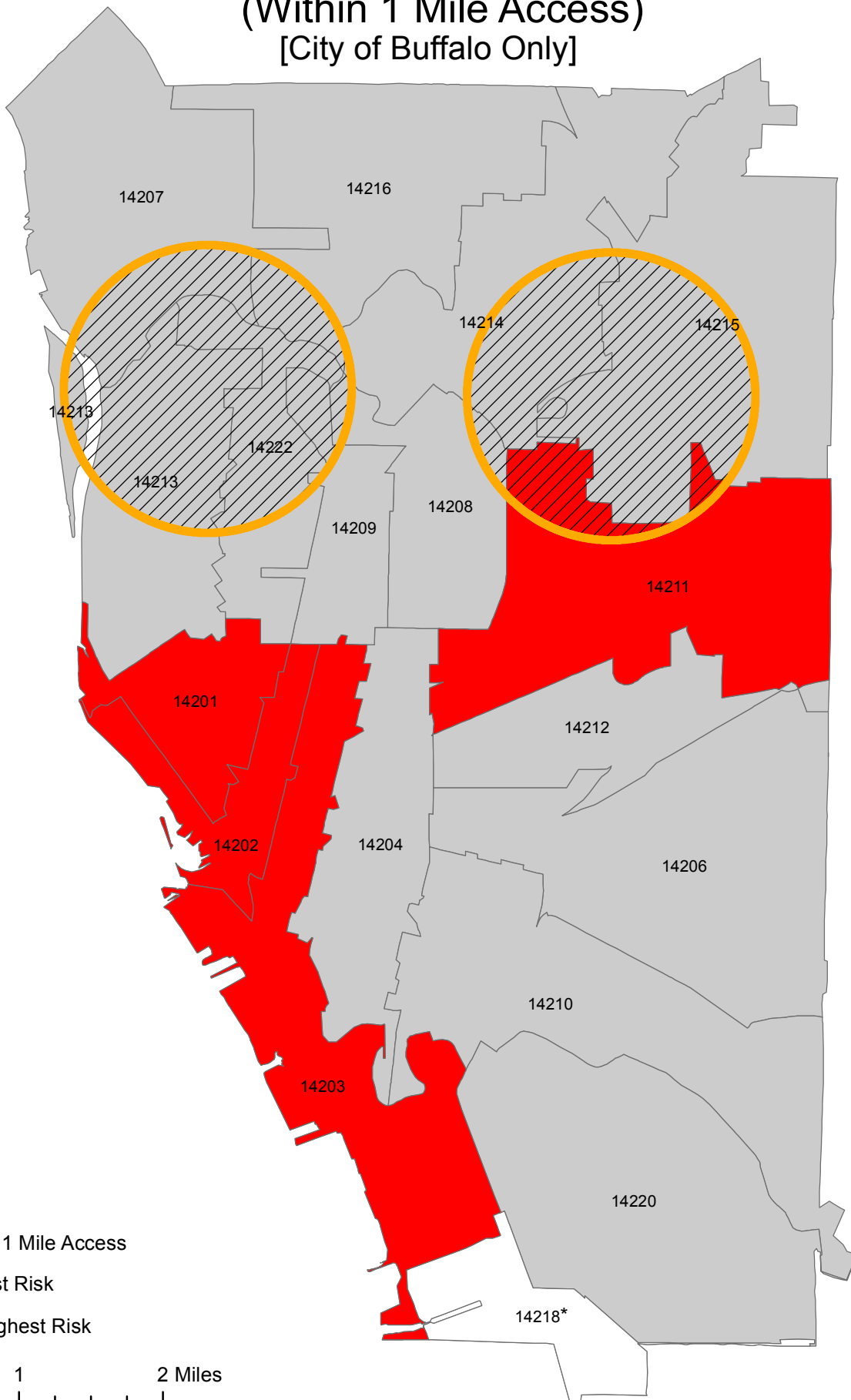
Legend

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






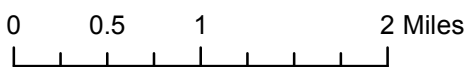
*The majority of ZIP Code 14218 is outside the City of Buffalo.

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



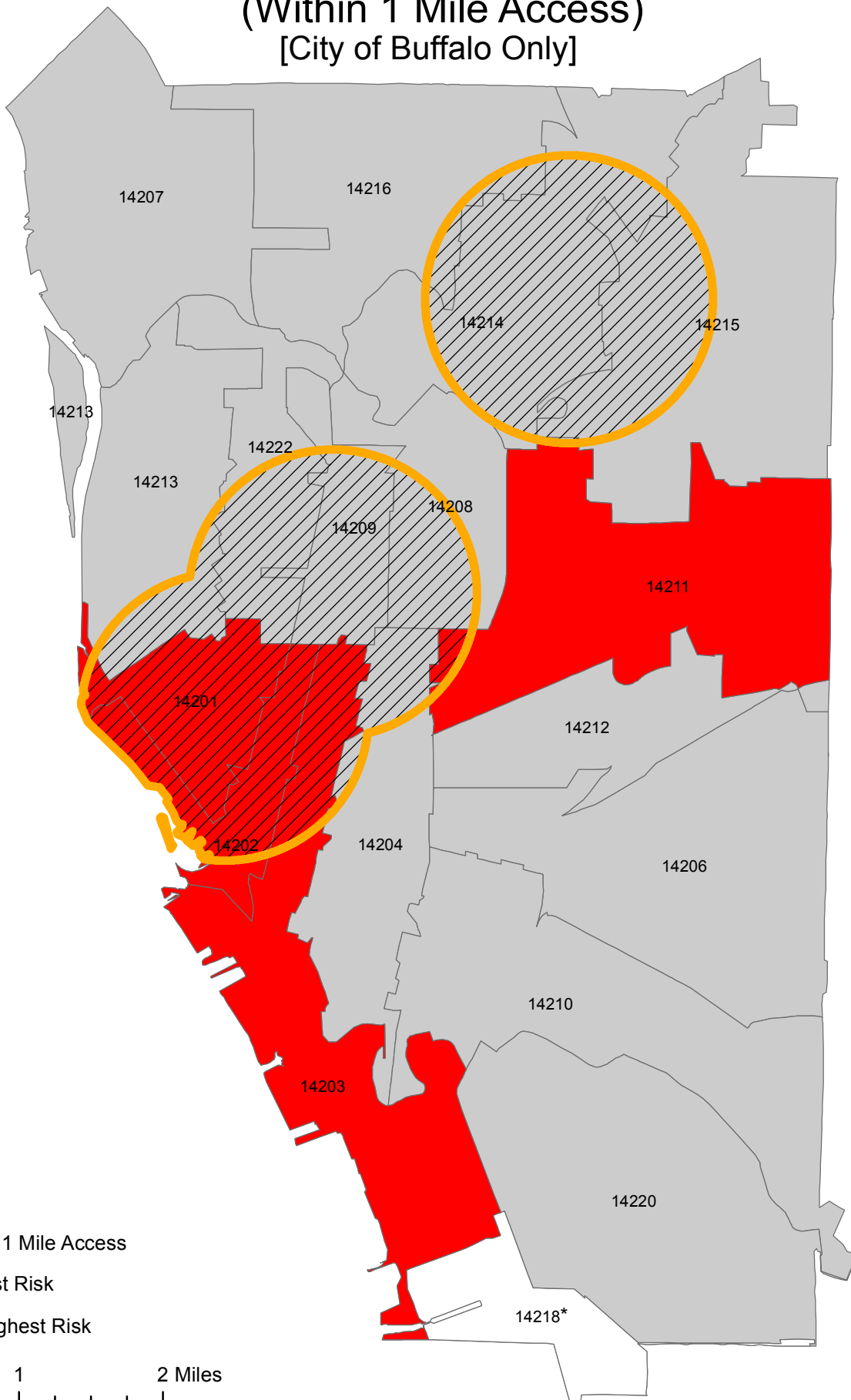
Legend

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






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

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



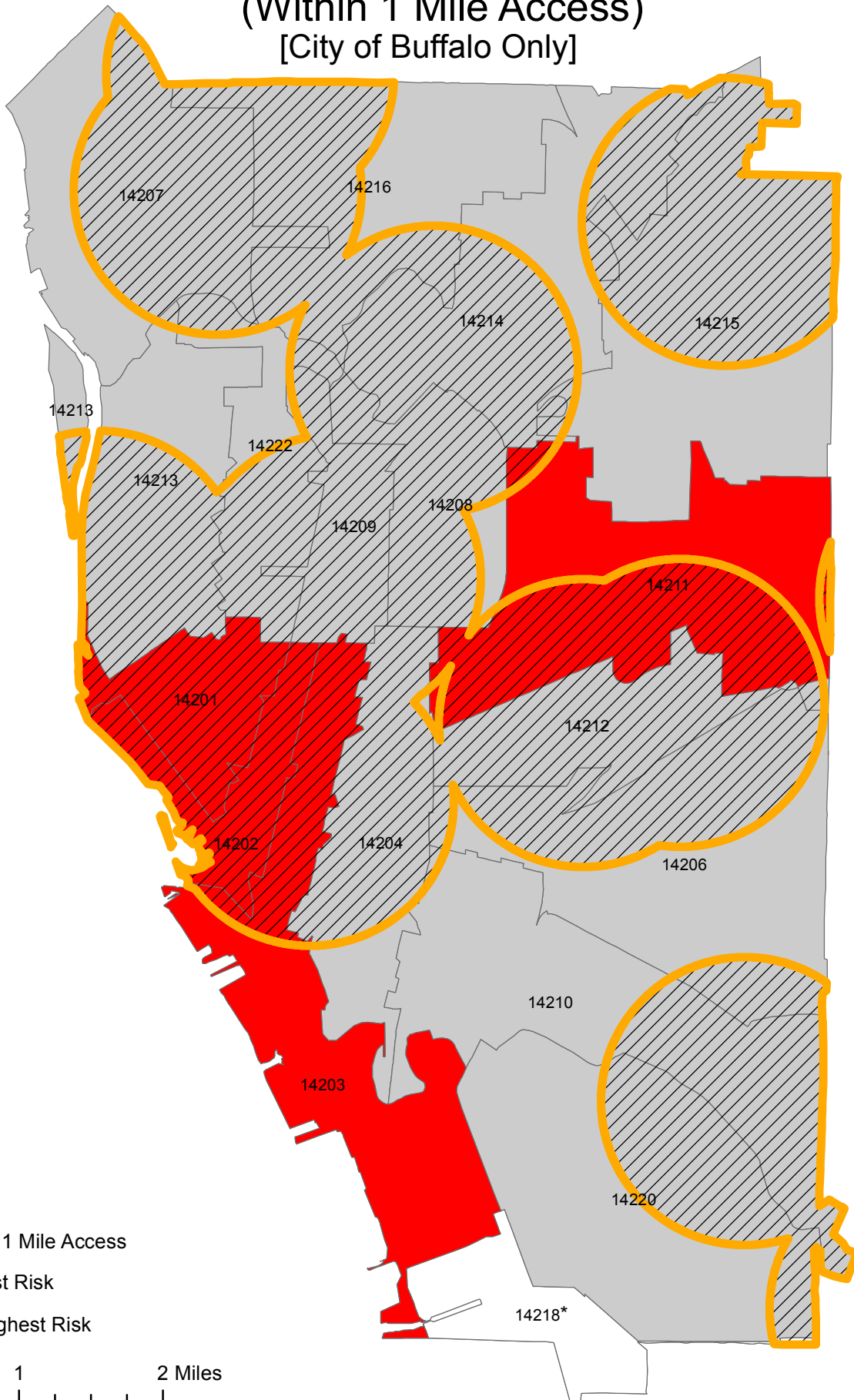
Legend

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






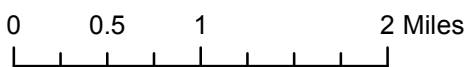
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Accessibility to Outpatient Programs (Within 1 Mile Access) [City of Buffalo Only]



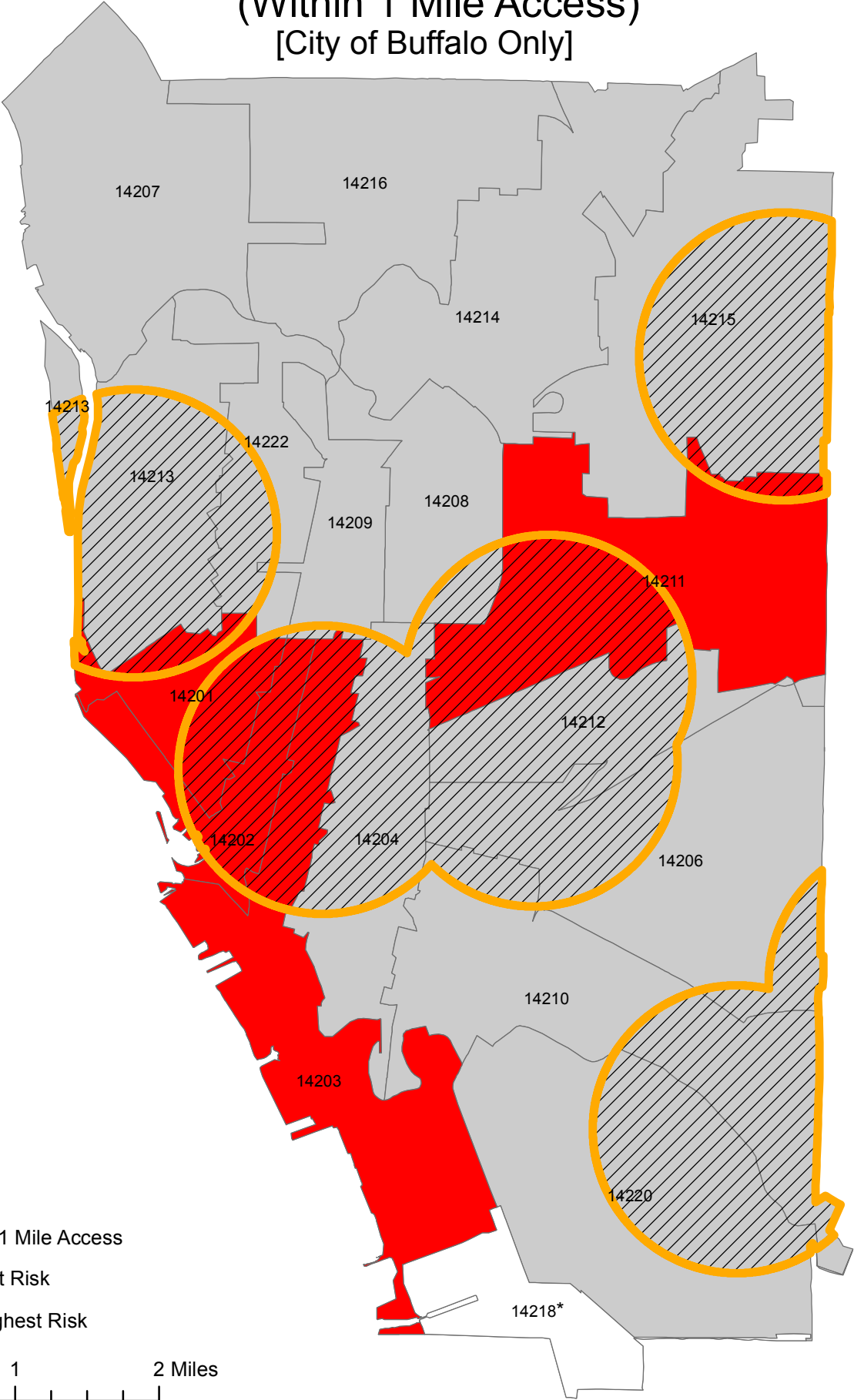
Legend

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






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

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



Legend

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



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