

Erie County Prevention Gaps and Barriers Analysis

[July 2016]

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Gaps and Barriers Analysis Overview

The Gaps and Barriers Analysis for Prevention Services in Erie County compares the provision of prevention services within each ZIP Code area to selected risk indicators. Gaps are identified where there is a mismatch between the prevention services and risk level (e.g. no/low prevention provision and high risk). First, the distribution of prevention services was evaluated by compiling information about prevention programs and their locations through the Erie County Prevention Services Information Center, an online repository for this information. Providers identified the approximate target population, type of program, and ZIP Code location(s) for their programs. These data were then tallied by ZIP Code, with individual programs being counted once per ZIP Code of service provision in order to avoid over counting. For example, a school-based program might be offered in three elementary schools in ZIP Code 14006 in the Lakeshore Central School District, but this ZIP Code received only one tally for these programs in order to avoid redundancy. While some programs do not have an explicit locational component or are home-based, most prevention services are offered at specific locations and can thus be tabulated for this analysis.

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 prevention 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) programs. The gaps and barriers analysis for prevention programs compares the highest level of aggregated risk for ZIP Codes in Erie County with the number of recurring prevention 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 or ZIP Codes in the City of Buffalo Only.

2016 Update

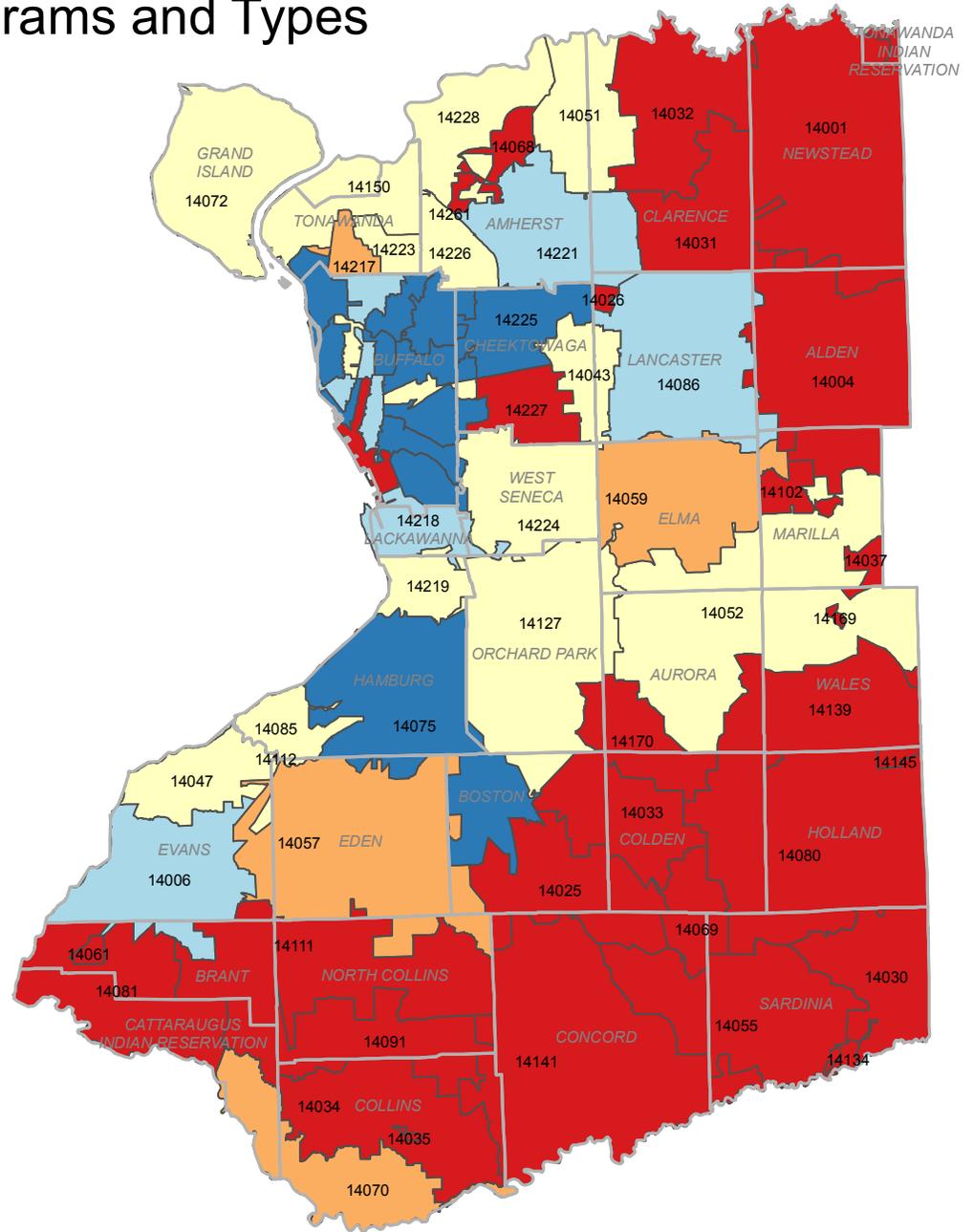
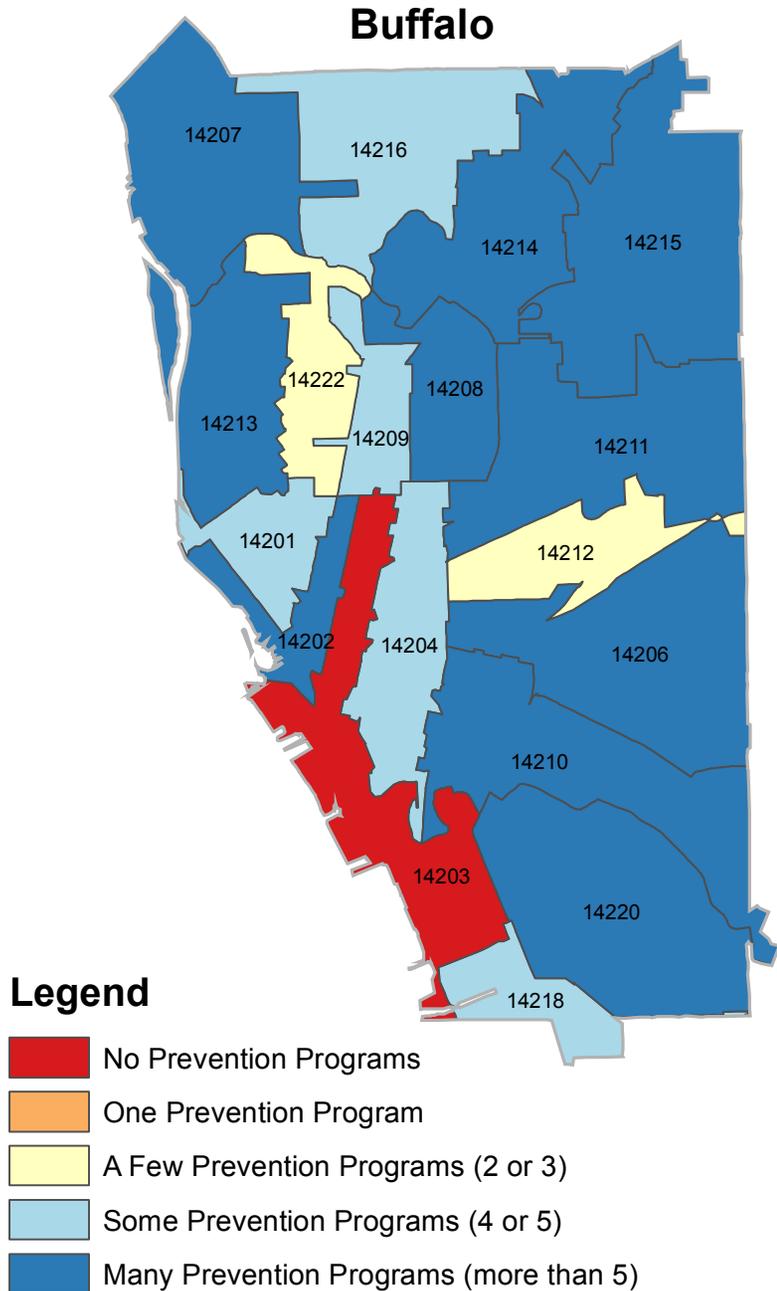
The 2016 version of this document includes updated data for the following risk indicators: alcohol sales establishments, population instability (migration), rental residential properties, extreme economic deprivation, Gini coefficient, divorce and separation, grade 8 English (ELA) performance, OASAS alcohol and substance abuse admissions, and neighborhood index. Crime and health data were not updated for this version of the Gaps and Barriers Analysis.

Gaps and Barriers Analysis Results

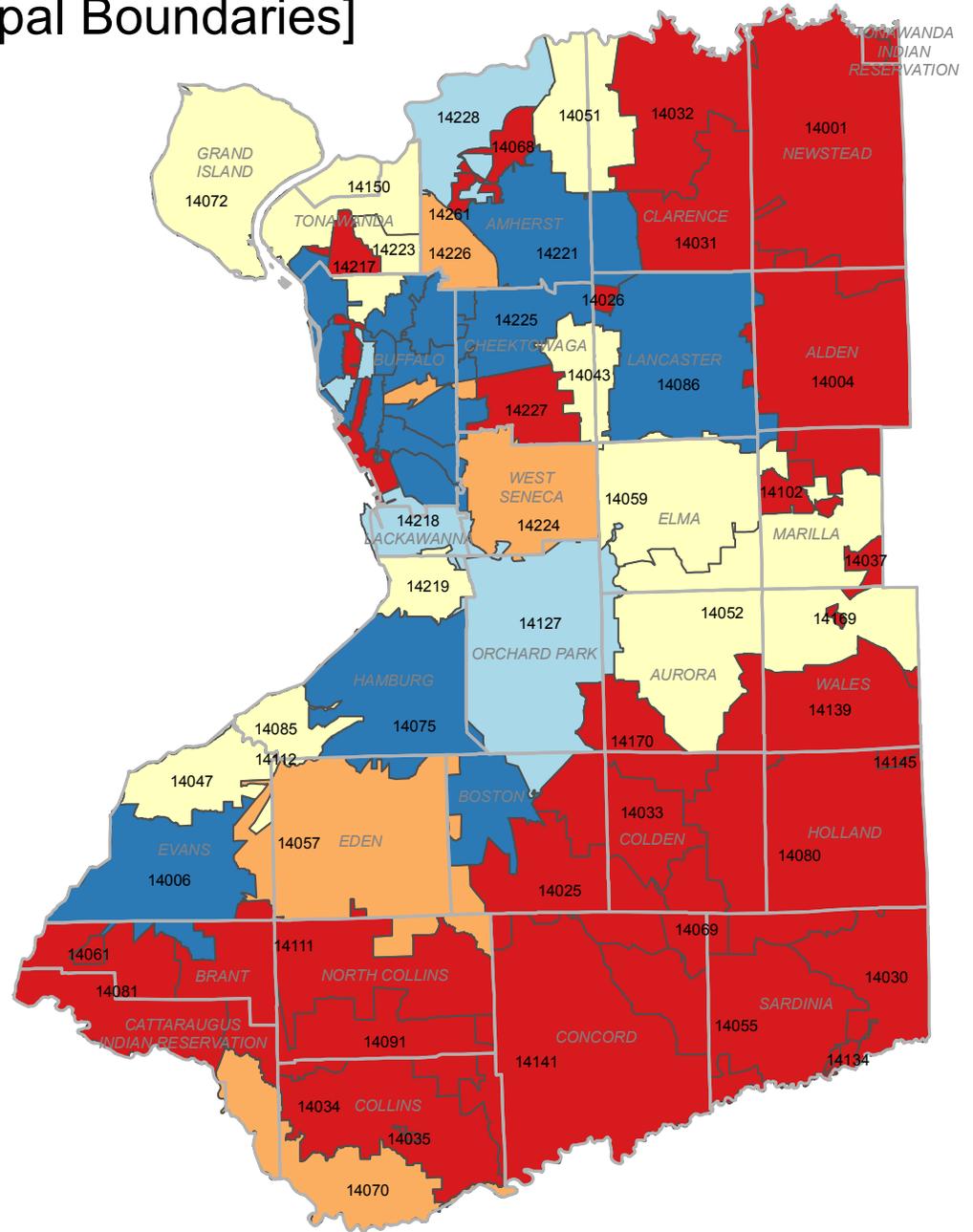
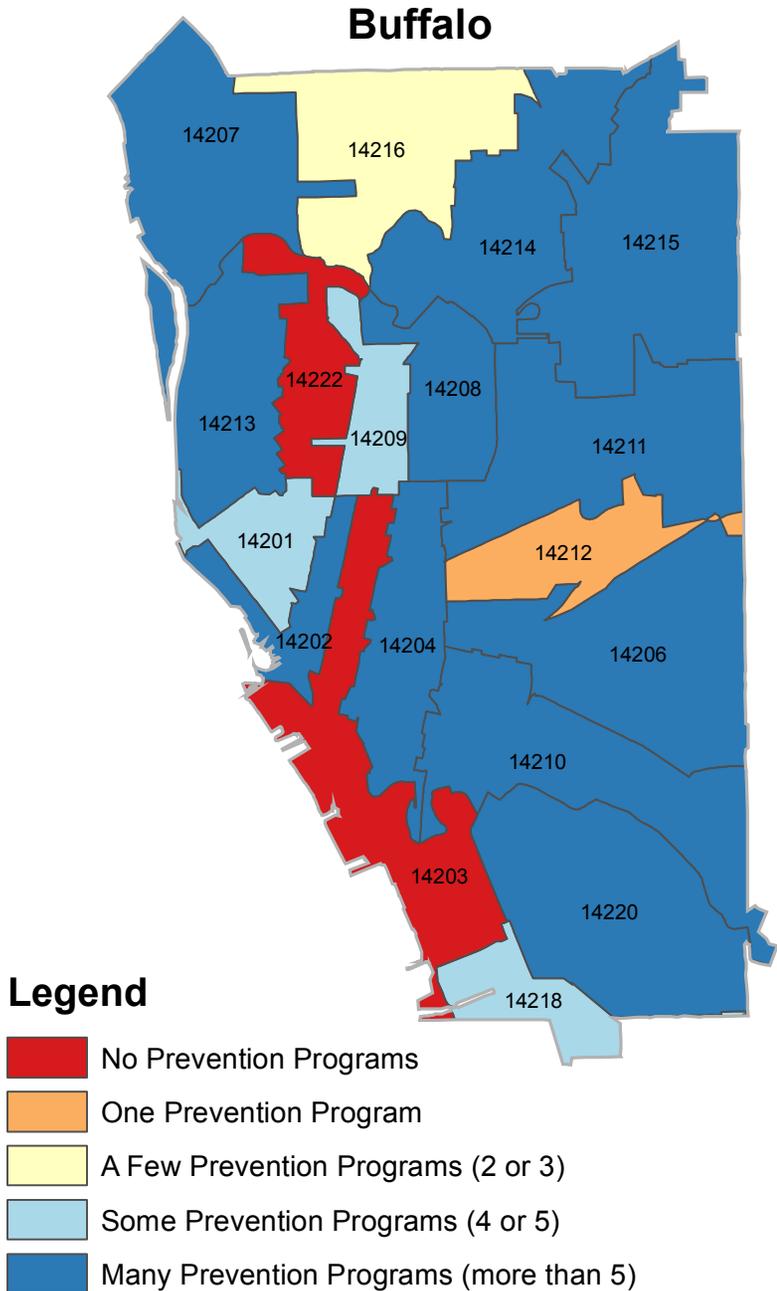
- Descriptive Maps of Prevention Program Locations
 - Location-specific prevention activity is largely absent from the southernmost and easternmost towns in Erie County, as well as the Town of Clarence. There are also ZIP Codes in the City of Buffalo, Town of Amherst, Town of Cheektowaga, and Town of Lancaster that have no location-specific programs.
 - The environmental programs are not location specific and cover the county or county sub-regions as a whole. These include mass media (e.g. TV and radio) programs and are not represented on the maps.
 - School-based programs are largely concentrated in the City of Buffalo and in suburban areas to the northeast and south of the City. The northeast and southern parts of the county have a noticeable lack of programs.

- Recurring programs exhibit a similar pattern to school-based programs, with most programs concentrated in the City of Buffalo and areas to the northeast and south of the City.
- Maps of Highest Risk Locations with Prevention Programs
 - Erie County Excluding City of Buffalo
 - ZIP Codes with the highest aggregated risk are located in the more suburban ZIP Codes adjacent to the City of Buffalo within the Towns of Tonawanda, Amherst, Cheektowaga, West Seneca, Lackawanna, and Hamburg. There is also an at-risk ZIP Code in southern Erie County.
 - Most ZIP Codes with highest aggregated risk have at least one recurring prevention program, with the exception of ZIP Codes 14261, 14226, and 14227, which have no recurring programs. ZIP Code 14070, covering the southern Erie County Town of Collins and the Cattaraugus Indian Reservation, has one recurring program.
 - City of Buffalo Only
 - The four ZIP Codes in the City of Buffalo with the highest aggregated risk are located on the City's Lower West Side, Downtown, First Ward, and East Side neighborhoods.
 - Three of these highest risk ZIP Codes have at least five recurring programs, but one ZIP Code has no programs.
 - Some locations in lower aggregated risk levels receive high levels of recurring prevention program service.

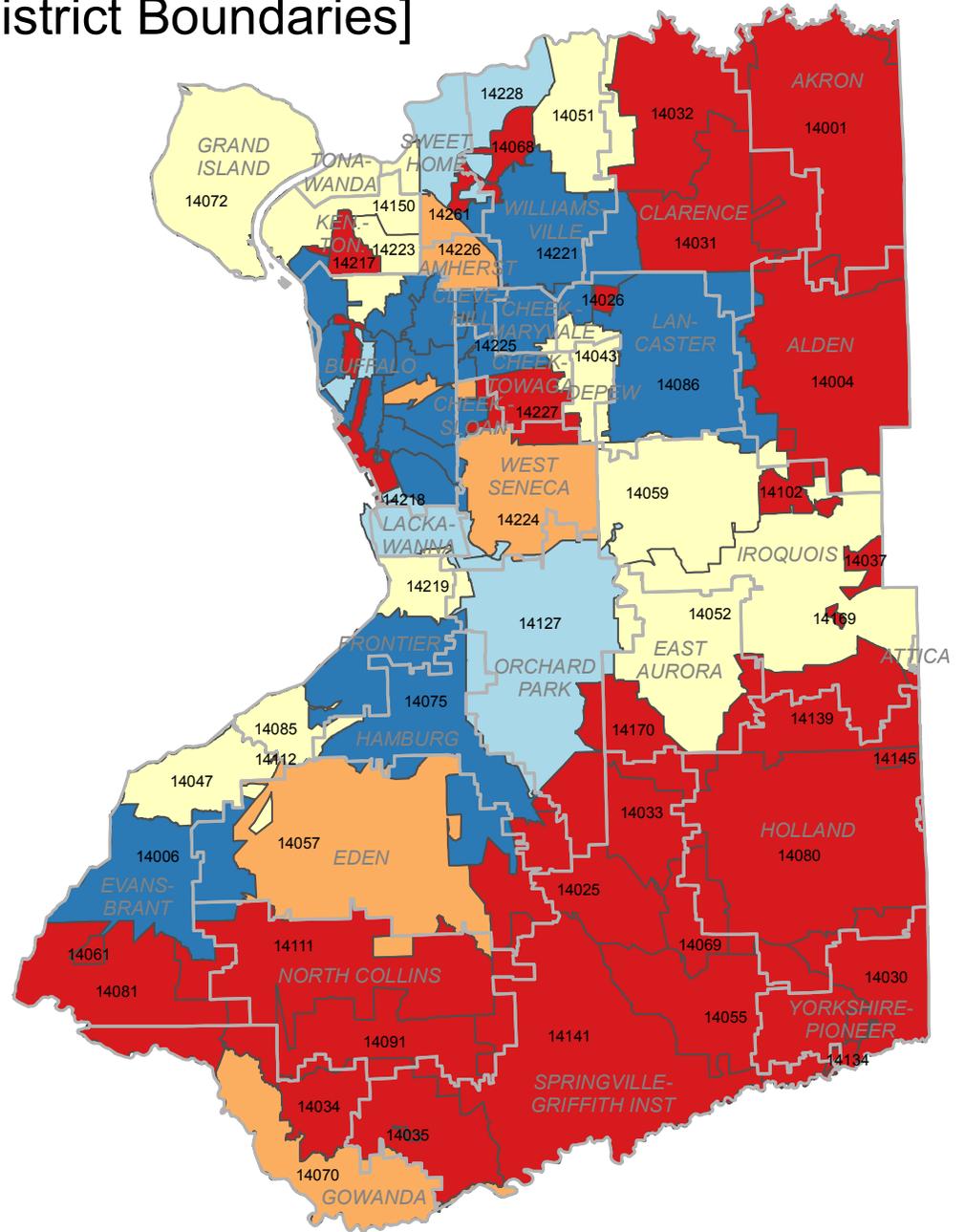
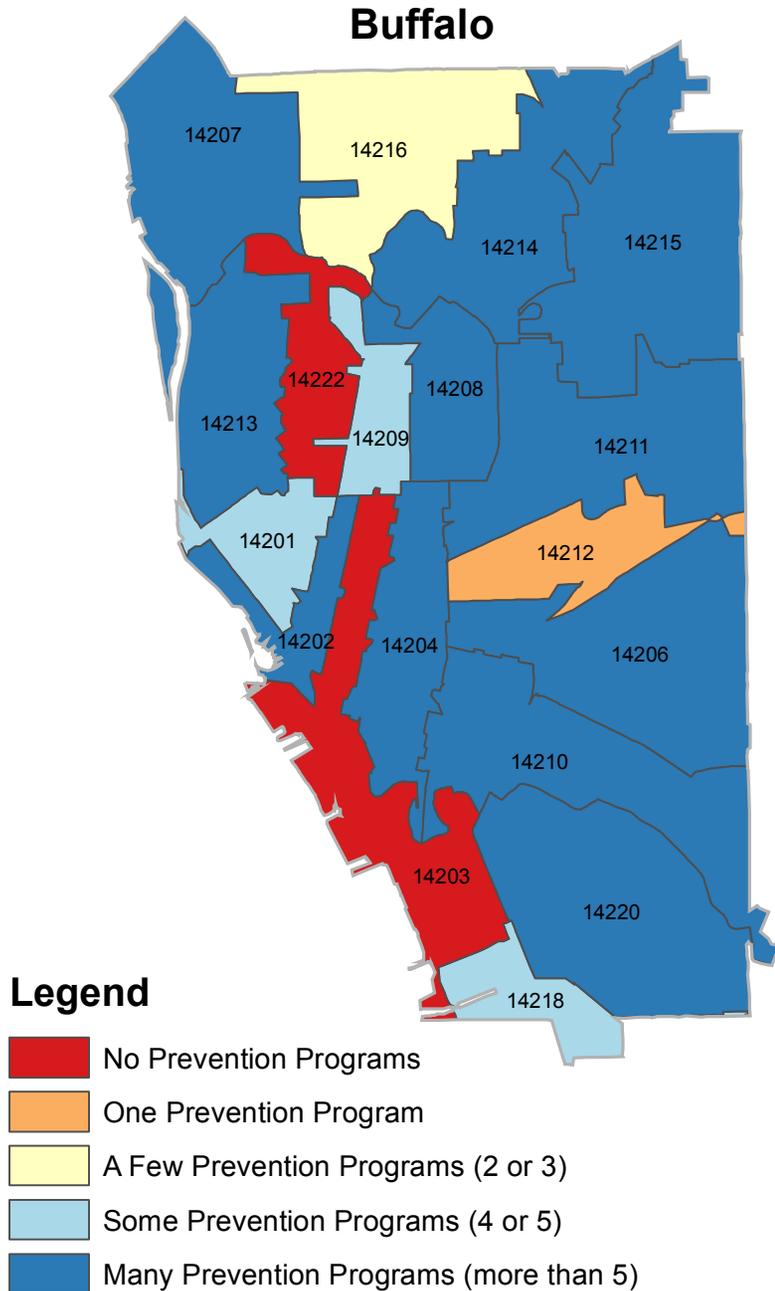
Erie County Prevention Programs: All Programs and Types



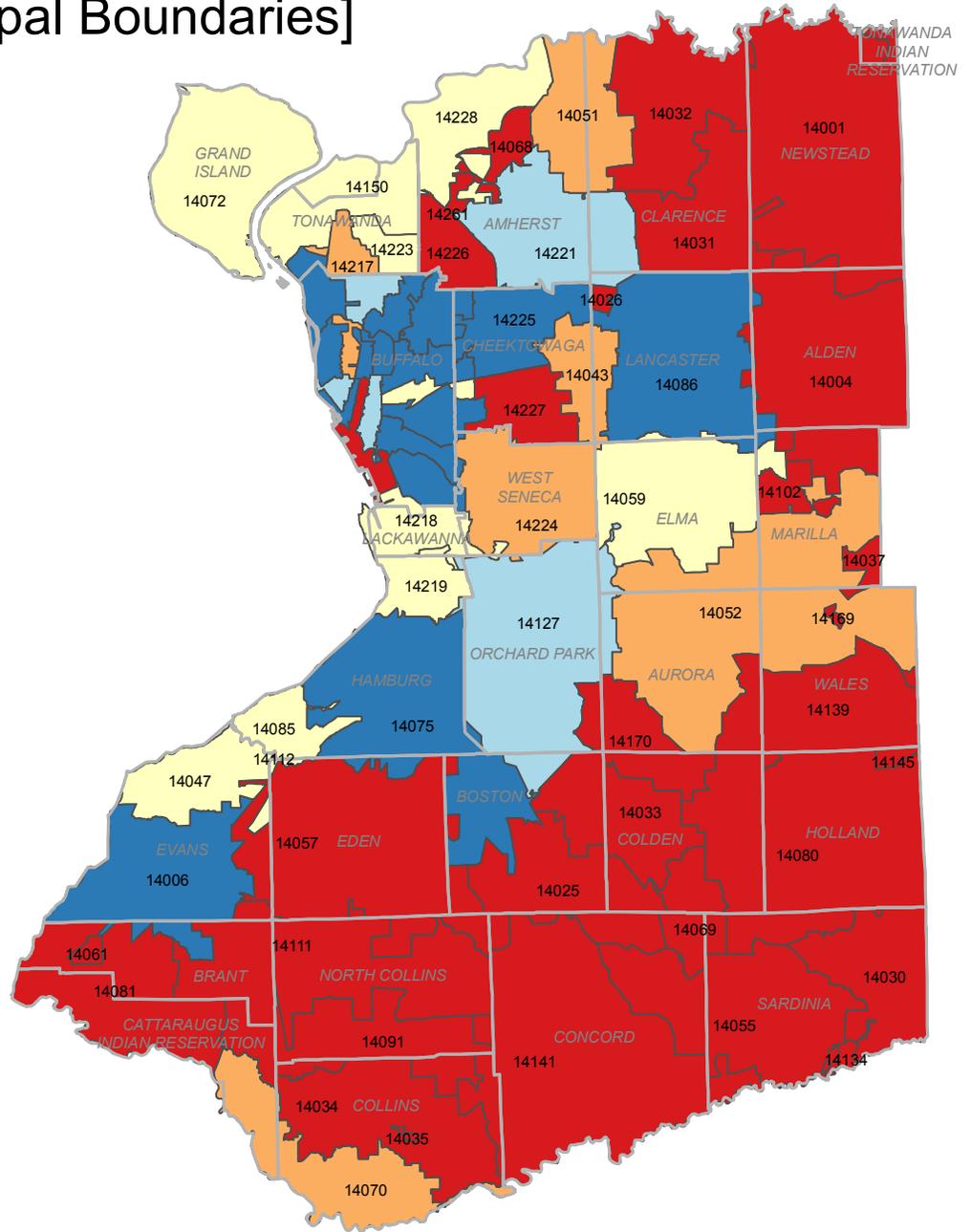
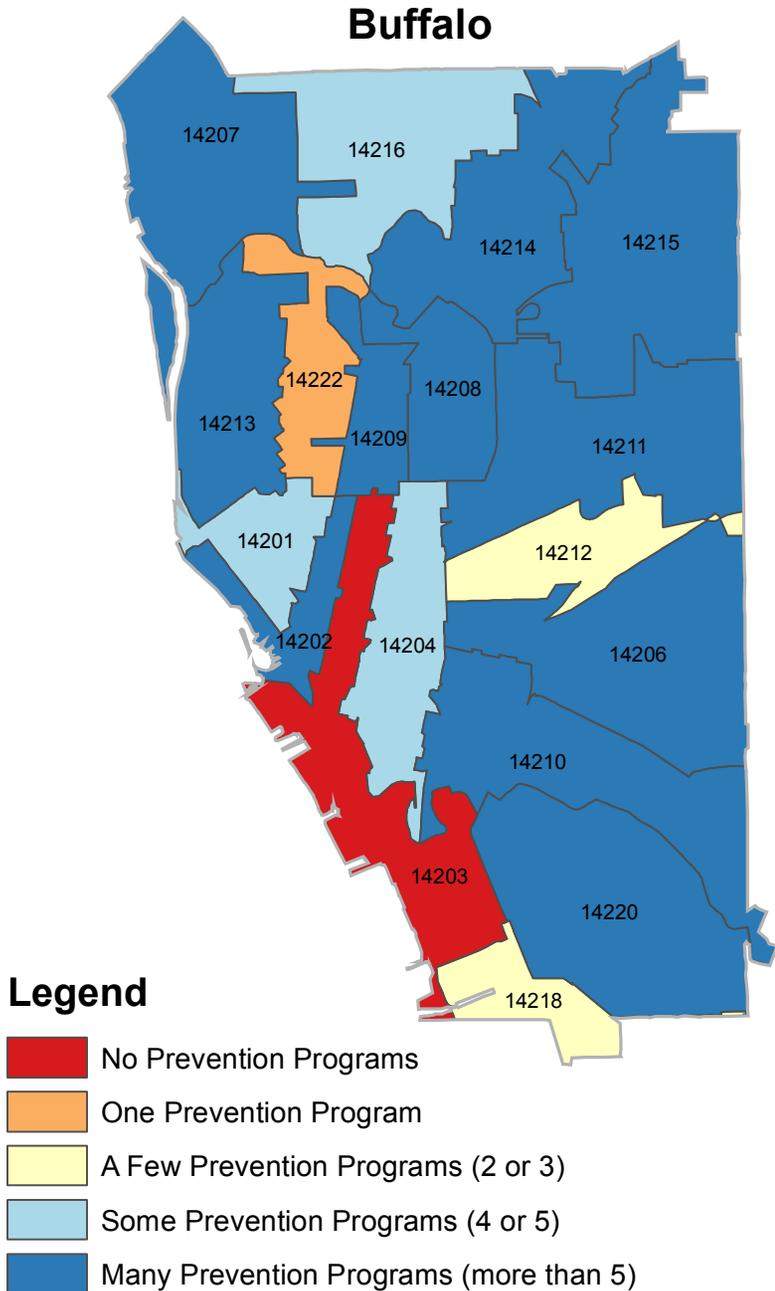
Erie County Prevention Programs: School-based Programs [Municipal Boundaries]



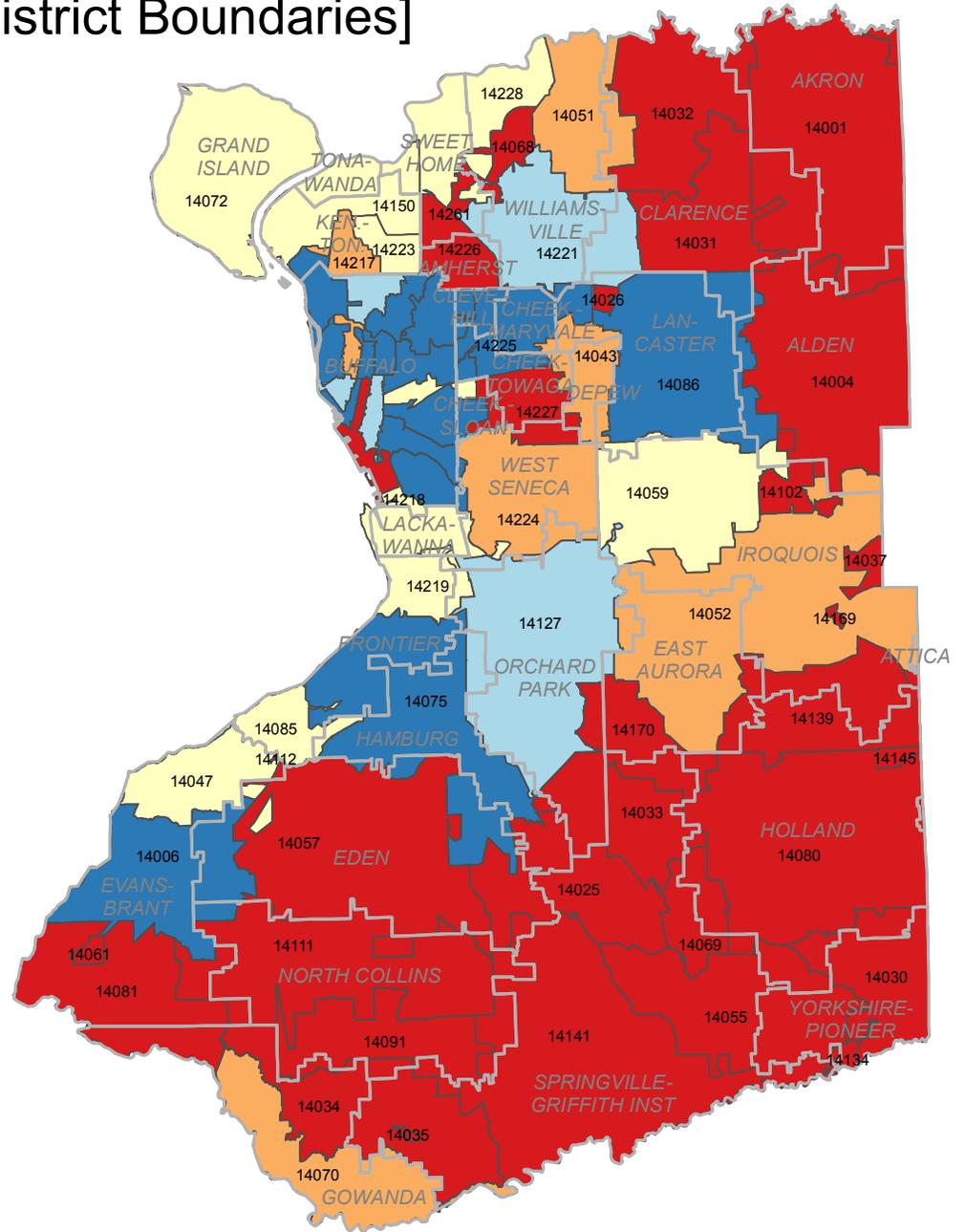
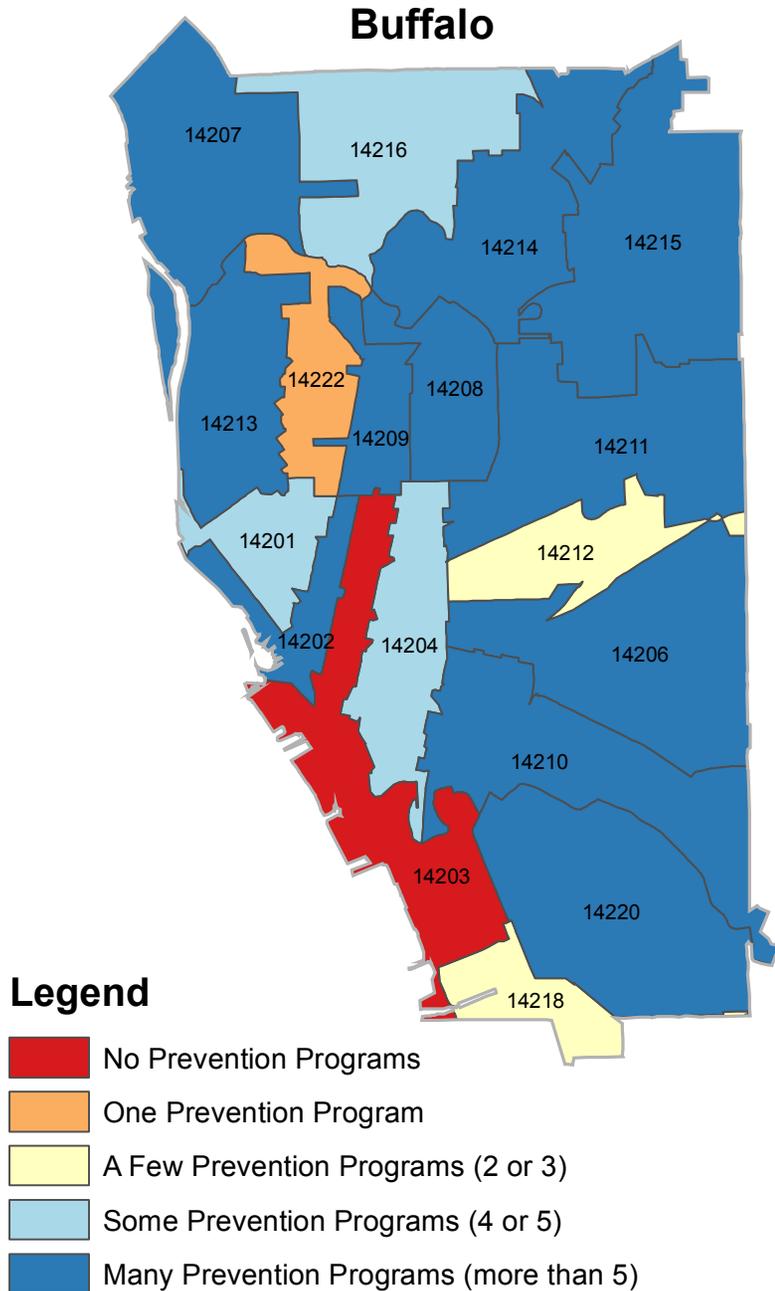
Erie County Prevention Programs: School-based Programs [School District Boundaries]



Erie County Prevention Programs: Recurring Programs [Municipal Boundaries]

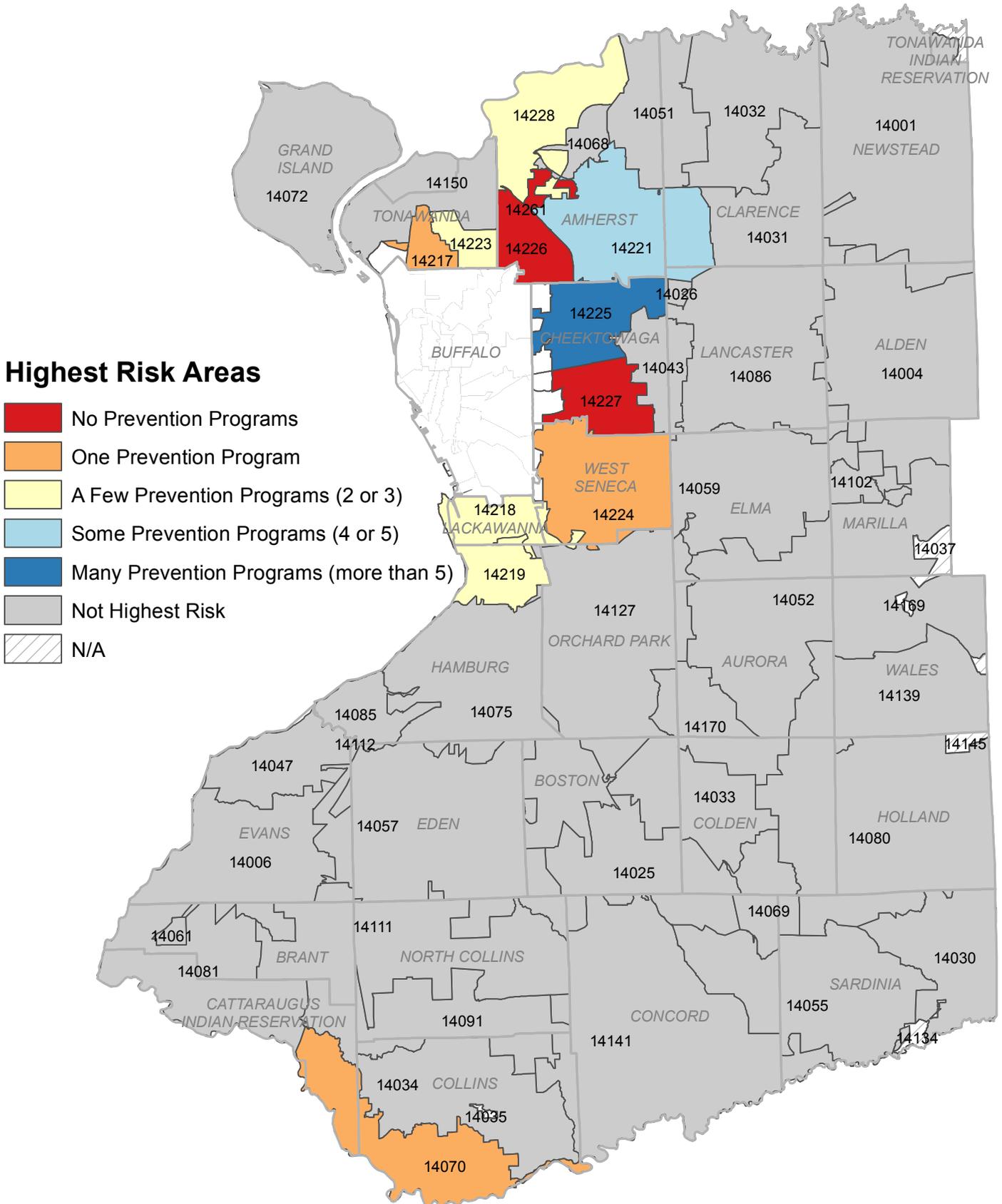


Erie County Prevention Programs: Recurring Programs [School District Boundaries]



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

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



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

[City of Buffalo]

