

**Erie County Department of Mental Health Prevention Programs Gaps  
and Barriers Analysis  
[v1.3, October 2020]**

Alan M. Delmerico, PhD  
John Petrocelli, BS  
Kelly S. Marczynski, PhD

Institute for Community Health Promotion  
Center for Health and Social Research  
Buffalo State, Classroom Building A203  
1300 Elmwood Ave.  
Buffalo, NY 14222-1095  
Telephone: 878-6137  
E-mail: [delmeram@buffalostate.edu](mailto:delmeram@buffalostate.edu)



**CENTER *for* HEALTH  
*and* SOCIAL RESEARCH**

INSTITUTE FOR COMMUNITY HEALTH PROMOTION

---

BUFFALO STATE • The State University of New York

## **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 risk indicators from the Erie County Risk Indicator Database (RIDB). 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.

## **Gaps and Barriers Analysis Maps**

Similar to previous years, this version of this document includes only an overview of the results with the visualization now in an interactive format. To view the maps, visit the Erie RIDB web site ([www.erieridb.org](http://www.erieridb.org)) and use the interactive version of the map on the Prevention Programs Gaps and Barriers Analyses tab. There, you can use the layer list to turn on and off tabs to view all programs, school-based programs or recurring programs, as well as areas of high risk that have coverage and those that do not. You may also query the map to view locations by type of program or schools with no programs by school district.

## **2020 Update**

The 2020 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, neighborhood index, juvenile arrests and health data. City of Buffalo crime data (calls for police for violent incidents, criminal mischief, etc.) were not made available to ICHP by the Erie Crime Analysis Center until late September 2020 resulting in a recalculation of aggregated risk and any resulting gaps following their replacement of placeholder measures from the 2019 analyses. Crime data are available at a jurisdictional level for the remainder

of the county and were updated with the Buffalo data. These updates resulted in no substantive changes to the relative rankings of ZIP Codes within the aggregated risk quartiles, and in turn, no changes to the gaps and barriers outcomes.

### **Gaps and Barriers Analysis Results**

- **Descriptive Maps of Prevention Program Locations**
  - Location-specific prevention activity is largely absent from the southern, northeastern and southeastern towns in Erie County. There are also ZIP codes in the City of Buffalo, Town of Amherst, Village of Kenmore, Town of Cheektowaga, and Town of Clarence 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 missing in parts of extreme northeastern Erie County (14001), as well as in many areas of southern Erie County, such as the Towns of Colden, Concord, Newstead, Collins, North Collins, Holland, Brant and Sardinia. Overall coverage in the City of Buffalo and the surrounding suburbs is well distributed. The City of Buffalo, Town of Tonawanda, Town of Amherst, Town of Cheektowaga and the City of Lackawanna all have many school-based programs aligned to the municipal boundaries. The North Collins Central School District, Cheektowaga-Sloan Union Free School District and Akron Central School District are all lacking in programs, as are Gowanda Central, Springville-Griffith Institute Central, Holland Central and Yorkshire-Pioneer Central School Districts. All other school districts have at least one program.
  - Recurring programs exhibit a similar pattern to school-based programs and, with most programs concentrated in the City of Buffalo and areas adjacent to the City. A few locations, most notably the Village of Kenmore had access to school-based programs when accounting for the physical distribution of the Kenmore-Tonawanda Union Free School District but are lacking coverage of recurring programs at a site physically within the boundaries of the Kenmore ZIP code polygon.
- **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, Orchard Park, and Hamburg as well as the City of Lackawanna.
    - Most ZIP codes with highest aggregated risk have at least one recurring prevention program, with the exception of ZIP code 14217 (Village of Kenmore) which has no recurring programs.
  - **City of Buffalo Only**
    - The ZIP codes in the City of Buffalo with the highest aggregated risk are located in the City's Riverside and East Side neighborhoods (14206, 14207, 14211, 14212, and 14215).
    - ZIP codes 14206, 14207, 14211, 14212, and 14215 all have many recurring programs suggesting the system is well-aligned. Other areas

of the city that are not classified as being high risk have at least a few recurring prevention programs.

# List of Schools Without Programs in Highest Risk Zip Codes by Number of Programs

## No Programs

Zip Code	Schools
<b>14217</b>	
	<b>Elementary School</b>
	SAINT ANDREW'S COUNTRY DAY SCHOOL
	THEODORE ROOSEVELT ES
	<b>High School</b>
	MOUNT SAINT MARY ACADEMY
	<b>Middle School</b>
	KENMORE MS
	SAINT ANDREW'S COUNTRY DAY SCHOOL
	<b>Pre-K</b>
	ERIE COUNTY NEW YORK STATE A R C
	SAINT ANDREW'S COUNTRY DAY SCHOOL

## One Program

Zip Code	Schools
<b>14043</b>	
	<b>Elementary School</b>
	CAYUGA HTS ES
	<b>High School</b>
	DEPEW HS
	<b>Middle School</b>
	DEPEW MS
<b>14212</b>	
	<b>High School</b>
	ALTERNATIVE HS AT 44

## A Few Programs (2 or 3)

Zip Code	Schools
<b>14127</b>	<p><b>Elementary School</b>            NATIVITY OF OUR LORD SCHOOL            ST JOHN VIANNEY - ORCHARD PARK</p> <p><b>Middle School</b>            NATIVITY OF OUR LORD SCHOOL            ST JOHN VIANNEY - ORCHARD PARK</p> <p><b>Pre-K</b>            NATIVITY OF OUR LORD SCHOOL            ST JOHN VIANNEY - ORCHARD PARK</p>
<b>14150</b>	<p><b>Elementary School</b>            SAINT CHRISTOPHER SCHOOL</p> <p><b>High School</b>            TONAWANDA JHS</p> <p><b>Middle School</b>            SAINT CHRISTOPHER SCHOOL</p> <p><b>Pre-K</b>            SAINT CHRISTOPHER SCHOOL</p>
<b>14211</b>	<p><b>Elementary School</b>            PS 59 DR. CHARLES DREW SCI MAG</p> <p><b>High School</b>            PS 307 EAST HS</p> <p><b>Middle School</b>            PS 59 DR. CHARLES DREW SCI MAG</p>
<b>14219</b>	<p><b>Pre-K</b>            BLASDELL ES</p> <p><b>Elementary School</b>            BLASDELL ES</p>
<b>14226</b>	<p><b>High School</b>            AMHERST CENTRAL HS</p> <p><b>Middle School</b>            AMHERST MS</p> <p><b>Pre-K</b>            CHRIST THE KING SCHOOL</p>

## Some (4 or 5) Programs

Zip Code	Schools
<b>14051</b>	<b>Elementary School</b> DODGE ES
<b>14224</b>	<b>Elementary School</b> WINCHESTER SCHOOL

## Many Programs (more than 5)

Zip Code	Schools
<b>14075</b>	<p><b>Pre-K</b> CLOVERBANK ES SS PETER &amp; PAUL HAMBURG</p> <p><b>Elementary School</b> ARMOR ES BIG TREE ES BOSTON VALLEY ES CLOVERBANK ES SS PETER &amp; PAUL HAMBURG UNION PLEASANT AVE ES</p> <p><b>Middle School</b> FRONTIER MS HAMBURG MS SS PETER &amp; PAUL HAMBURG</p> <p><b>High School</b> IMMACULATA ACADEMY</p>
<b>14206</b>	<p><b>Pre-K</b> PS 69 HOUGHTON ACAD</p> <p><b>Elementary School</b> PS 69 HOUGHTON ACAD</p> <p><b>Middle School</b> PS 69 HOUGHTON ACAD</p>
<b>14207</b>	<p><b>Elementary School</b> CHARTER SCHOOL FOR APPLIED TECHNOLOGIES</p> <p><b>Middle School</b></p>

CHARTER SCHOOL FOR APPLIED TECHNOLOGIES  
**High School**  
CHARTER SCHOOL FOR APPLIED TECHNOLOGIES  
PS 205 RIVERSIDE HS  
PS 305 MCKINLEY HS

**14215**

**Pre-K**  
PS 61 ARTHUR EVE SCHOOL OF DISTINCTION  
PS 82 EARLY CHILDHOOD CENTER  
**Elementary School**  
PS 61 ARTHUR EVE SCHOOL OF DISTINCTION  
PS 82 EARLY CHILDHOOD CENTER  
**Middle School**  
PS 197 MATH SCIENCE TECHNOLOGY PREPARATORY SCHOOL

**14218**

**Pre-K**  
TRUMAN ES  
**Elementary School**  
MARTIN RD ELEMENTARY  
TRUMAN ES  
**Middle School**  
LACKAWANNA MS  
**High School**  
LACKAWANNA HS

**14221**

**Elementary School**  
MAPLEMERE ES  
**High School**  
WILLIAMSVILLE NORTH HS  
WILLIAMSVILLE SOUTH HS

**14225**

**Middle School**  
CHEEKTOWAGA JSHS  
CLEVELAND HILL HS  
MARYVALE MS  
**High School**  
CHEEKTOWAGA JSHS  
MARYVALE SHS