# Erie County Department of Mental Health Prevention Programs Gaps and Barriers Analysis [June 2023]

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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 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 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 to avoid redundancy. While some programs do not have an explicit locational component or are homebased, 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**

The 2023 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 (<u>www.erieridb.org</u>) 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 aligned programs 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.

### 2023 Update

The 2023 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, neighborhood index, crime, and health data. OASAS alcohol and substance abuse admissions data are not included due to data accuracy issues in the updated records; these data will be included when possible, with an update to this document issued at that time.

#### **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 align to the county or county sub-regions. These include mass media (e.g. TV and radio) programs and are not represented on the maps.
  - School-based programs are missing in many parts of extreme northeastern Erie County, as well as in many areas of southern Erie County, including the Towns of Colden, Concord, Newstead, Collins, North Collins, Holland, Brant, and Sardinia. Overall alignment 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, Holland Central, Springville-Griffith 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 alignment with 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 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, except for ZIP codes 14217 and 14068 which have no recurring programs.
    - o City of Buffalo Only
      - The ZIP codes in the City of Buffalo with the highest aggregated risk are located in the City's Emslie, Babcock, Lovejoy, Kaisertown, Schiller Park, MLK Park, Genesee-Moselle, Kenfield, Grider, Kensington, and Lasalle neighborhoods on the East Side, as well as the eastern portion of Downtown Buffalo and the Outer Harbor (14203, 14206, 14211, and 14215).
      - ZIP codes 14211, and 14215 all have many recurring programs. ZIP code 14206 has one program while 14203 has none.

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

## **No Programs**

Zip Code	School
14068	
	KADIMAH ACADEMY OF BUFFALO
	SUMMIT EDUCATIONAL RESOURCES
14203	
	BUFFALO HEARING & SPEECH CTR
	ENTERPRISE CHARTER SCHOOL
	PERSISTENCE PREP ACADEMY CHARTER SCHOOL
	TRANSFORMATION CHRISTIAN ACADEMY
14217	
	MOUNT SAINT MARY ACADEMY
	SAINT ANDREW'S COUNTRY DAY SCHOOL
	STANLEY G. FALK SCHOOL - ROOSEVELT SITE

## **One Program**

Zip Code	School
14043	
	JOHN A. SCIOLE ES
	CAYUGA HTS ES
	DEPEW MIDDLE SCHOOL
	OUR LADY-BLESSED SACRAMENT

## A Few Programs (2 or 3)

No schools fit this criteria

# Some (4 or 5) Programs

Zip Code	School
14206	
	SOUTH BUFFALO CHARTER SCHOOL PS 43 LOVEJOY DISCOVERY SCHOOL STANLEY G. FALK SCHOOL - ROSSLER SITE THEODORE ROOSEVELT SCHOOL
14224	
	ALLENDALE SCHOOL CLINTON STREET ELEMENTARY SCHOOL WEST ELEMENTARY SCHOOL WEST SENECA EAST SHS WINCHESTER-POTTERS ELEMENTARY SCHOOL CENTER ROAD CHRISTIAN ACADEMY WEST SENECA CHRISTIAN SCHOOL TRINITY LUTHERAN SCHOOL QUEEN OF HEAVEN SCHOOL
14226	
	SMALLWOOD DRIVE SCHOOL WINDERMERE BLVD SCHOOL PARK SCHOOL OF BUFFALO BUFFALO ACADEMY OF THE SACRED HEART SAINT BENEDICT SCHOOL SWEET HOME MS CHC LEARNING CENTER-A PROGRAM OF THE CENTER FOR HANDICAPPED CHILDREN, INC

## Many Programs (more than 5)

Zip Code	School
14075	
	FRONTIER SHS
	HAMBURG HS
	HOPEVALE SCHOOL
	OLD TIME BAPTIST ACADEMY
14127	
	EGGERT ROAD ES
	ORCHARD PARK HS
	ORCHARD PARK MS
	SOUTH DAVIS ES
	WINDOM ES

14150	
	ALEXANDER HAMILTON ES
	ARC ERIE COUNTY NY - GREEN ACRES
	CARDINAL O'HARA HIGH SCHOOL
	GLENDALE ES
	HOLMES ES
	KENMORE EAST SHS
	MULLEN ES
	NEW LIFE CHRISTIAN SCHOOL
	RIVERVIEW ES
	SAINT AMELIA SCHOOL
	THOMAS A. EDISON ES
14211	
	KING CENTER CHARTER SCHOOL
	PS 197 MATH SCIENCE TECHNOLOGY PREPARATORY SCHOOL @39
	PS 357 PATHWAYS ACADEMY @EAST
	PS 48 DR. MARTIN LUTHER KING, JR. CULTURAL INSTITUTE
	PS 59 DR. CHARLES R. DREW SCIENCE
	PS 92 NEW BUILD COMMUNITY SCHOOL
	PS 97 HARVEY AUSTIN SCHOOL
	UNIVERSAL SCHOOL
14215	
	CHARTER SCHOOL OF INQUIRY
	NATIVITY MIGUEL MIDDLE SCHOOL - BUFFALO
	PS 156 FREDERICK LAW OLMSTED
	PS 82 EARLY CHILDHOOD CENTER
	PS 84 HEALTH CENTER FOR CHILDREN AT ECMC
	WESTMINSTER COMMUNITY CHARTER SCHOOL
14218	
	AL-RASHEED ACADEMY
	GLOBAL CONCEPTS CHARTER SCHOOL
14221	
	CHRISTIAN CENTRAL ACADEMY
	GATEWAY-LONGVIEW LYNDE SCHOOL
	HARRIS HILL ES
	HEIM MS
	MAPLEMERE ES
	MILL MS
	SHERIDAN HILL ES
14225	
	ARC ERIE COUNTY NY - MARYVALE
	BUFFALO HEARING AND SPEECH CENTER

CHEEKTOWAGA MIDDLE SCHOOL CLEVELAND HILL ELEMENTARY SCHOOL CLEVELAND HILL MIDDLE SCHOOL NEW CREATION FELLOWSHIP ACADEMY