# Erie County Department of Mental Health Prevention Programs Gaps and Barriers Analysis [July 2019]

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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 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**

The 2019 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 (<a href="www.erieridb.org">www.erieridb.org</a>) 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.

#### 2019 Update

The 2019 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, crime and health data.

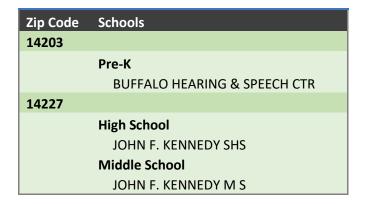
#### **Gaps and Barriers Analysis Results**

- Descriptive Maps of Prevention Program Locations
  - o Location-specific prevention activity is largely absent from the southern,

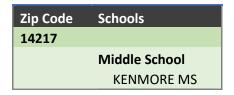
- northeastern and southeastern towns in Erie County. There are also ZIP codes in the Town of Amherst, Village of Kenmore, Town of Cheektowaga, and Town of Clarence that have no location-specific programs.
- The environmental programs are not location specific and cover the county or county sub-regions as a whole. These include mass media (e.g. TV and radio) programs and are not represented on the maps.
- O School-based programs are missing in many parts of extreme northeastern Erie County, as well as in many areas of southern Erie County, such as the Towns of Colden, 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, 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, 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 codes 14227 and 14217 which have no recurring programs.
  - City of Buffalo Only
    - The ZIP codes in the City of Buffalo with the highest aggregated risk are located on the City's Downtown and East Side neighborhoods (14203, 14206, 14211, 14212, and 14215).
    - ZIP codes 14206, 14211, 14212, and 14215 all have many recurring programs, however ZIP codes 14203 has no programs. 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**



### **One Program**



## Few Programs (2 or 3)



# Some Programs (4 or 5)

7in Codo	Cohoolo
Zip Code	SCHOOLS
14006	
	Middle School
	CHRIST THE KING SCHOOL
	AMHERST MS
	SWEET HOME MS
	AMHERST CENTRAL HS
	Pre-K
	CHRIST THE KING SCHOOL
	AMHERST MS
	SWEET HOME MS
	AMHERST CENTRAL HS
	High School
	CHRIST THE KING SCHOOL
	AMHERST MS
	SWEET HOME MS
	AMHERST CENTRAL HS
14226	
	Middle School
	AMHERST MS
	SWEET HOME MS
	Pre-K
	CHRIST THE KING SCHOOL
	AMHERST MS SWEET HOME MS Pre-K

# Many Programs (more than 5)

Zip Code	Schools
14043	
	Elementary School
	CAYUGA HTS ES
	JOHN A. SCIOLE ES
	Middle School
	DEPEW MS
	High School
	DEPEW HS

## 14075 **Elementary School CLOVERBANK ES CHARLOTTE AVE ES** SS PETER & PAUL **HAMBURG BIG TREE ES ARMOR ES BOSTON VALLEY ES** UNION PLEASANT AVE ES Middle School SS PETER & PAUL **HAMBURG** FRONTIER MS HAMBURG MS Pre-K **CLOVERBANK ES CHARLOTTE AVE ES** SS PETER & PAUL **HAMBURG High School IMMACULATA ACADEMY** 14085 **Elementary School** PINEHURST ES 14150 **Elementary School** SAINT CHRISTOPHER SCHOOL **MULLEN ES GLENDALE ES** FLETCHER ES **RIVERVIEW ES** Middle School SAINT CHRISTOPHER SCHOOL **TONAWANDA SHS** Pre-K SAINT CHRISTOPHER SCHOOL **MULLEN ES High School TONAWANDA JHS**

#### 14206

#### **Elementary School**

PS 43 LOVEJOY DISCOVERY

PS 69 HOUGHTON ACAD

SOUTH BUFFALO CHARTER SCHOOL

#### **Middle School**

PS 43 LOVEJOY DISCOVERY

PS 69 HOUGHTON ACAD

SOUTH BUFFALO CHARTER SCHOOL

#### Pre-K

PS 43 LOVEJOY DISCOVERY

PS 69 HOUGHTON ACAD

#### 14211

#### **Elementary School**

PS 39 DR. MARTIN LUTHER KING, JR. MU

PS 91 BUILD ACAD

KING CENTER CHARTER SCHOOL

PS 59 DR. CHARLES DREW SCI MAG

#### Middle School

PS 91 BUILD ACAD

KING CENTER CHARTER SCHOOL

PS 59 DR. CHARLES DREW SCI MAG

#### Pre-K

PS 39 DR. MARTIN LUTHER KING, JR. MU

PS 91 BUILD ACAD

#### **High School**

PS 307 EAST HS

#### 14212

#### **Elementary School**

PS 31 HARRIET ROSS TUBMAN SCHOOL

#### Middle School

PS 31 HARRIET ROSS TUBMAN SCHOOL

#### Pre-K

PS 31 HARRIET ROSS TUBMAN SCHOOL

#### 14215

#### **Elementary School**

PS 80 HIGHGATE HEIGHTS

PS 56 FREDERICK LAW OLMSTED

PS 61 ARTHUR EVE SCHOOL OF DISTINCTION

PS 82 EARLY CHILDHOOD CENTER

WESTMINSTER COMMUNITY CHARTER SCHOOL

#### **Middle School**

PS 80 HIGHGATE HEIGHTS

WESTMINSTER COMMUNITY CHARTER SCHOOL

PS 197 MATH SCIENCE TECHNOLOGY PREPARATORY SCHOOL

#### Pre-K

PS 80 HIGHGATE HEIGHTS

PS 56 FREDERICK LAW OLMSTED

PS 61 ARTHUR EVE SCHOOL OF DISTINCTION

PS 82 EARLY CHILDHOOD CENTER

#### 14218

#### **Elementary School**

**TRUMAN ES** 

**OUR LADY OF VICTORY ES - LACKAWANNA** 

MARTIN RD ELEMENTARY

#### **Middle School**

**OUR LADY OF VICTORY ES - LACKAWANNA** 

LACKAWANNA MS

#### Pre-K

**TRUMAN ES** 

**OUR LADY OF VICTORY ES - LACKAWANNA** 

#### **High School**

LACKAWANNA HS

#### 14219

#### **Elementary School**

**BLASDELL ES** 

#### Pre-K

**BLASDELL ES** 

#### 14223

#### **Elementary School**

SAINT JOHN THE BAPTIST SCHOOL

**TONAWANDA** 

HERBERT HOOVER ES

#### Middle School

SAINT JOHN THE BAPTIST SCHOOL

TONAWANDA

BEN FRANKLIN MS

#### Pre-K

SAINT JOHN THE BAPTIST SCHOOL

**TONAWANDA** 

#### **High School**

SAINT JOSEPH'S COLLEGIATE INSTITUTE

#### 14225

#### **Elementary School**

**UNION EAST ES** 

MARYVALE PRIMARY SCHOOL

**CLEVELAND HILL ES** 

#### **Middle School**

**CHEEKTOWAGA JSHS** 

MARYVALE MS

**CLEVELAND HILL HS** 

#### Pre-K

**UNION EAST ES** 

MARYVALE PRIMARY SCHOOL

**CLEVELAND HILL ES** 

#### **High School**

**CHEEKTOWAGA JSHS** 

**MARYVALE SHS** 

**CLEVELAND HILL MS** 

#### 14228

#### **Elementary School**

AMHERST CHRISTIAN ACADEMY

HERITAGE HTS ES

WILLOW RIDGE ES

#### **Middle School**

AMHERST CHRISTIAN ACADEMY

#### Pre-K

AMHERST CHRISTIAN ACADEMY

#### **High School**

AMHERST CHRISTIAN ACADEMY

**SWEET HOME SHS**