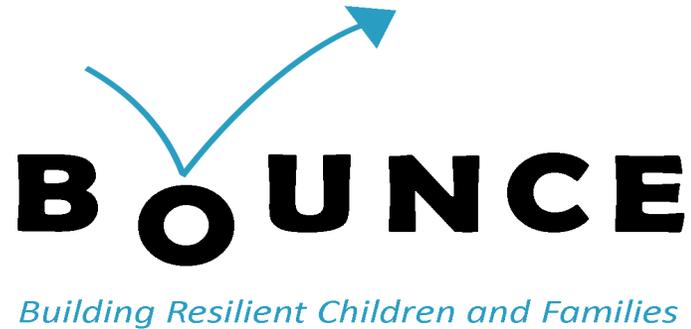


BOUNCE

Building Resilient Children and Families



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Public Health and Wellness**

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Seven Counties Services**

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Jefferson County Public Schools**



Infusing trauma awareness, knowledge, and skills into the cultures, practices, and policies of Jefferson County Public Schools and out-of-school-time provider agencies to foster the resiliency of vulnerable children and families.

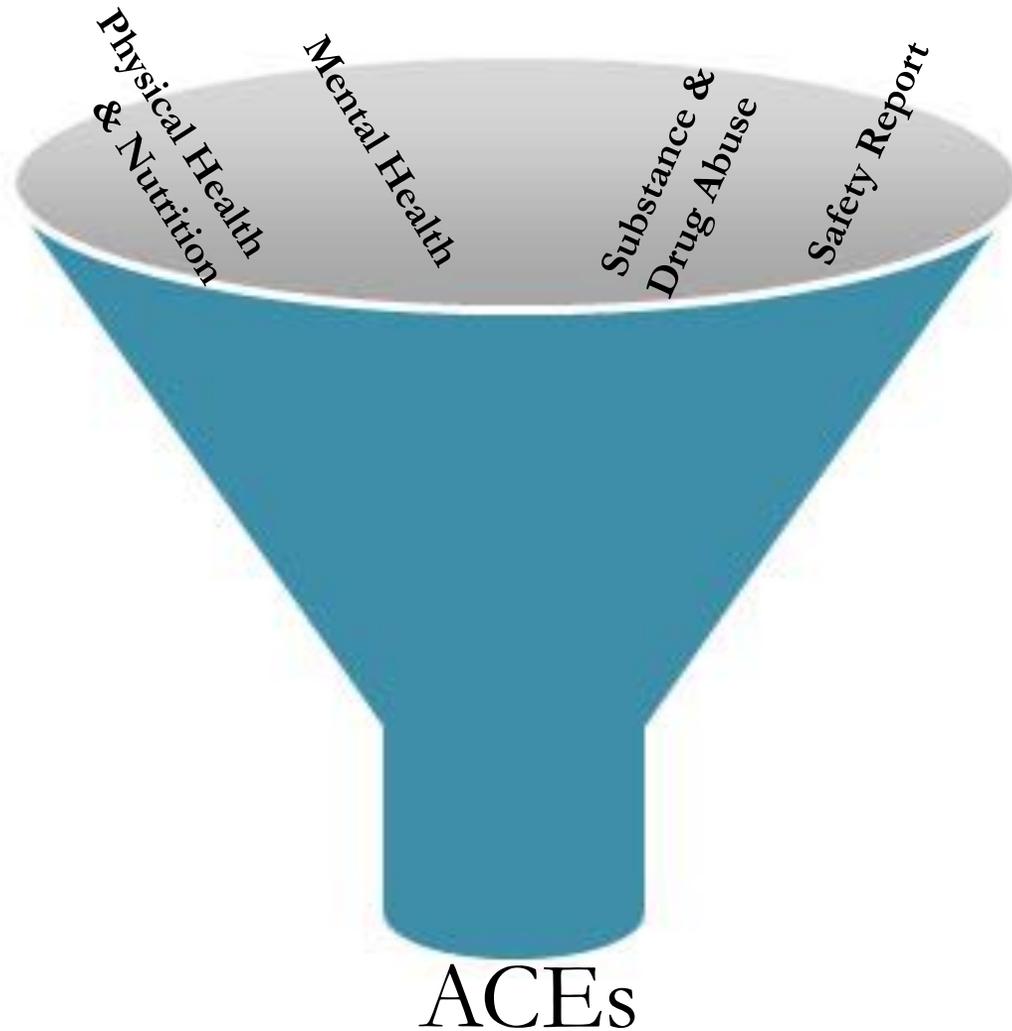


AN EVOLVING COALITION

Association of Community Ministries
Center for Women and Families
Community Foundation of Louisville
Family & Children's Place
Family Health Center, Inc.
Jefferson County Public Schools
Kentucky Youth Advocates
KentuckyOne Health
Louisville Metro Council
Louisville Metro Department of Public Health and Wellness
Louisville Metro Government - Mayor's Office
Louisville Metro Office for Safe and Healthy Neighborhoods
Louisville Metro Office of Youth Development
Metro United Way
Metro Youth Advocate & Other Teens
Norton Healthcare, Inc.
Nucleus
Seven Counties Services
University of Louisville School of Public Health & Information Sciences
YMCA of Greater Louisville



DISTILLING DATA



ADVERSE CHILDHOOD EXPERIENCES

MENTAL HEALTH

- Anxiety & Depression
- Youth In Treatment
- Adjustment Reaction Disorder in Acute Care Settings
- Conduct Disorder Acute Care Settings

PHYSICAL HEALTH & NUTRITION

- Nutritional Deficiencies
- Overweight or Obese
- Physical Activity
- Asthma

SUBSTANCE & DRUG ABUSE

- Prescription Drug Use
- Alcoholic Beverage Use
- Cigarette Use
- Youth Utilizing Inpatient/Outpatient Services for Drug Use

SAFETY REPORT

- Substantiated Cases of Child Abuse/Neglect
- Homelessness
- Teen Births
- Out of School Suspensions

War and other forms of violence

Witnessing acts of violence

Childhood abuse and neglect

Accidents and
natural disasters

Traumatic grief
and loss

Medical interventions

Impacts of trauma

- Brain Development
- Learning
 - Emotions
 - Memory



Appearance & Hygiene



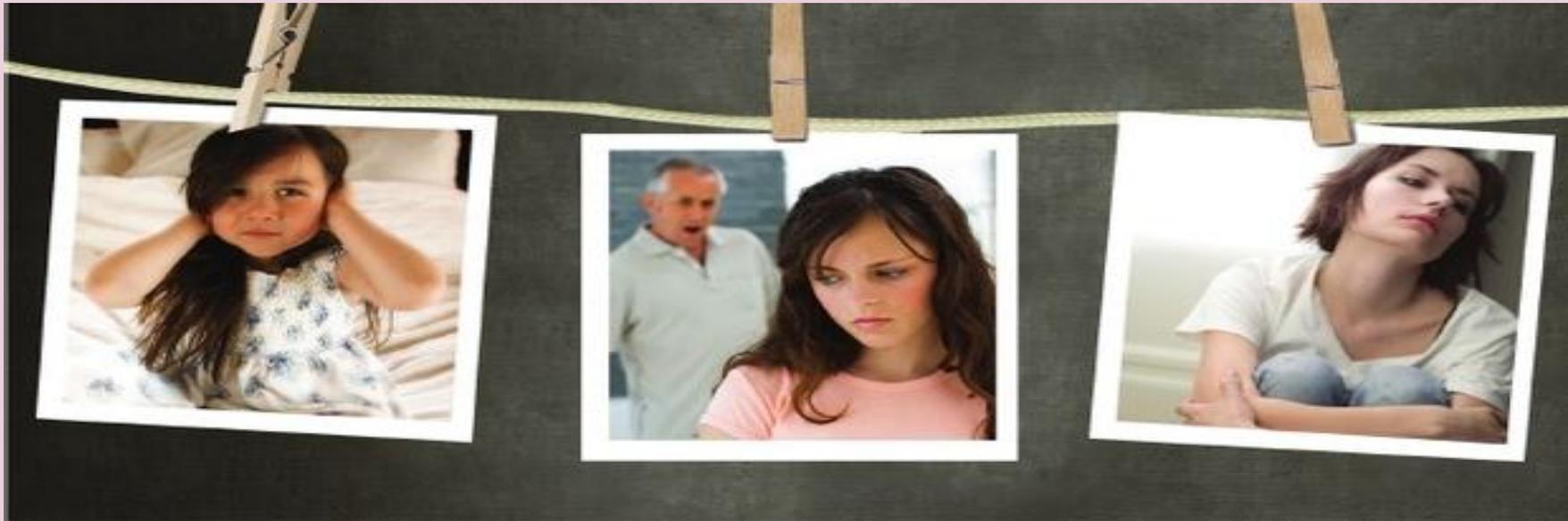
Relationships & Behavior



Sense of Self

Adverse Childhood Experiences (ACEs)

Largest study ever done to look at the health and social effects of adverse childhood experiences over the course of one's childhood.



THE TRUTH ABOUT ACEs

WHAT ARE THEY?

ACEs are
ADVERSE
CHILDHOOD
EXPERIENCES

HOW PREVALENT ARE ACEs?

The three types of ACEs include

ABUSE



Physical



Emotional



Sexual

NEGLECT



Physical



Emotional

HOUSEHOLD DYSFUNCTION



Mental Illness



Incarcerated Relative



Mother treated violently



Substance Abuse



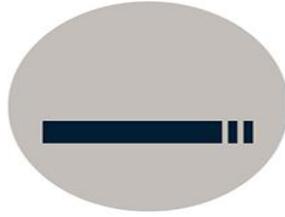
Divorce

WHAT IMPACT DO ACEs HAVE?

BEHAVIOR



Lack of physical activity



Smoking



Alcoholism



Drug use



Missed work

PHYSICAL & MENTAL HEALTH



Severe obesity



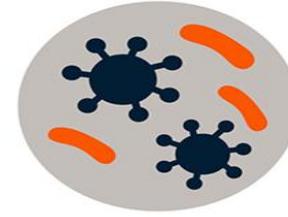
Diabetes



Depression



Suicide attempts



STDs



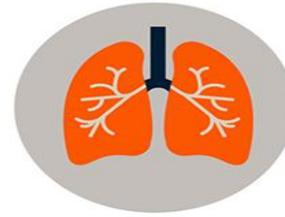
Heart disease



Cancer



Stroke



COPD

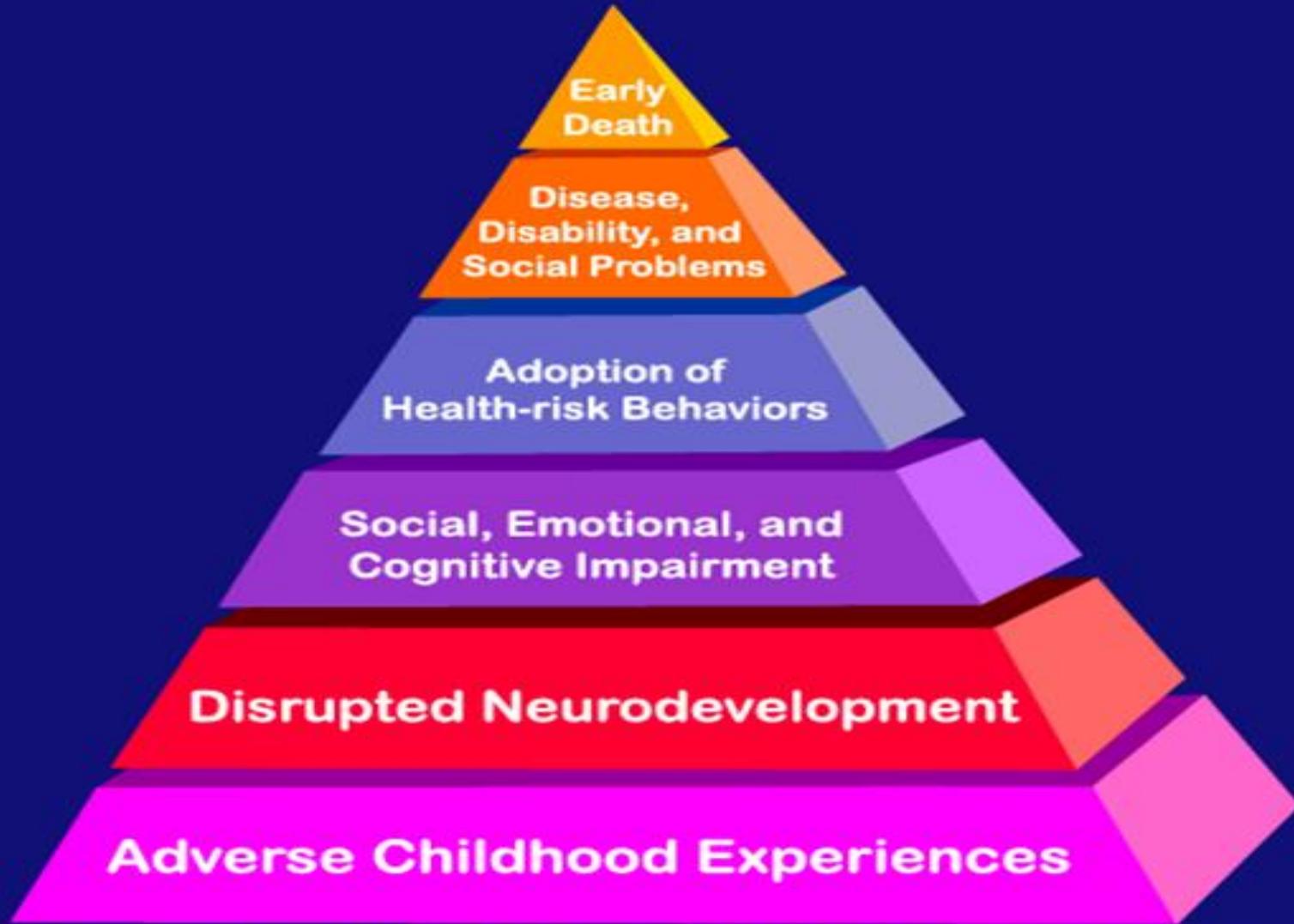


Broken bones

Death



Conception



Mechanisms by Which Adverse Childhood Experiences Influence Health and Well-being Throughout the Lifespan

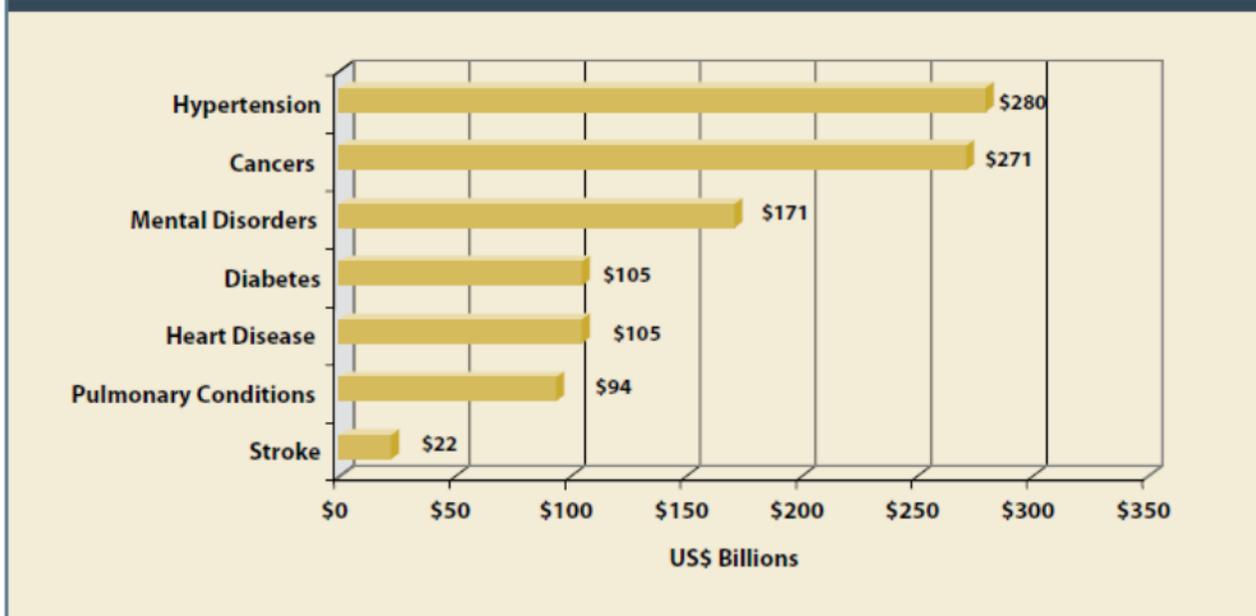
The Cost of Chronic Health Disease

Excessive Drinking U.S. \$223.5 Billion (CDC, 2014)

1 Drink = \$1.90
In economic costs

\$746
per person

Figure 4 :: Lost Productivity by Chronic Disease, 2003



Sources: NHIS, Milken Institute

Obesity U.S. Up to \$210 Billion per Year (<http://stateofobesity.org/facts-economic-costs-of-obesity>)

Childhood Obesity \$14.1 Billion

(Trasande L. and Chatterjee S. The Impact of Obesity on Health Service Utilization and Costs in Childhood. *Obesity*, 17(9):1749-54, 2009.)

Kentucky high school students have the worst obesity rate in US at 18%. (<http://stateofobesity.org/facts-economic-costs-of-obesity>)

Percentage of Population Who Smoke, 2003

Top Five States	Percent	Bottom Five States	Percent
Kentucky	30.8	Utah	11.9
West Virginia	27.3	California	16.8
Missouri	27.2	Colorado	18.6
Louisiana	26.5	Connecticut	18.6
Alaska	26.2	Idaho	19.0

Source: Behavioral Risk Factor Surveillance System (CDC)

Heart Disease \$1.8 Billion Kentucky In-patient Hospitalizations. 27% of all deaths

(http://chfs.ky.gov/NR/rdonlyres/A268A75B-3F85-4BD4-9960-943ADC9CF439/0/KyHeartDiseaseFactSheet_Oc)

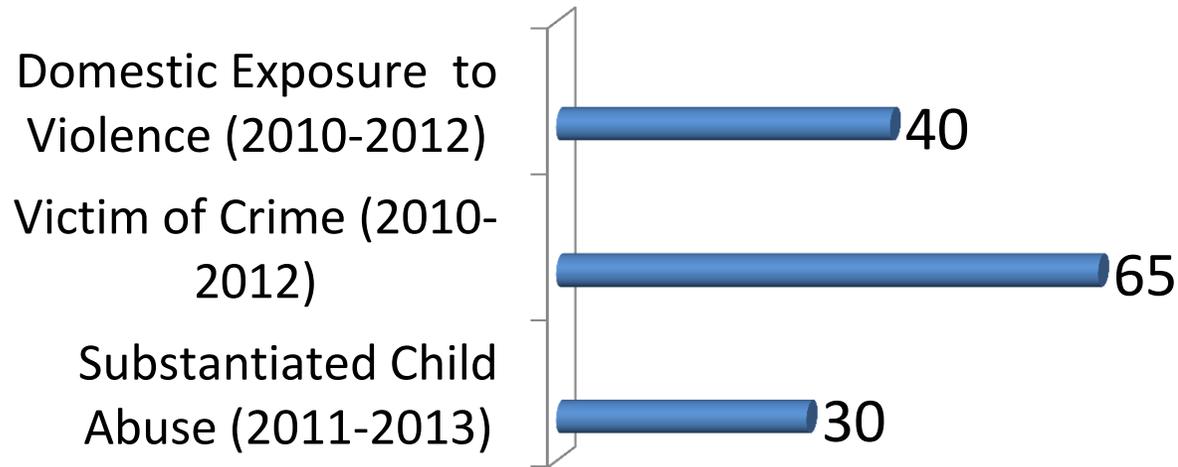
ADVERSE CHILDHOOD EXPERIENCES STUDY (N=17,000)



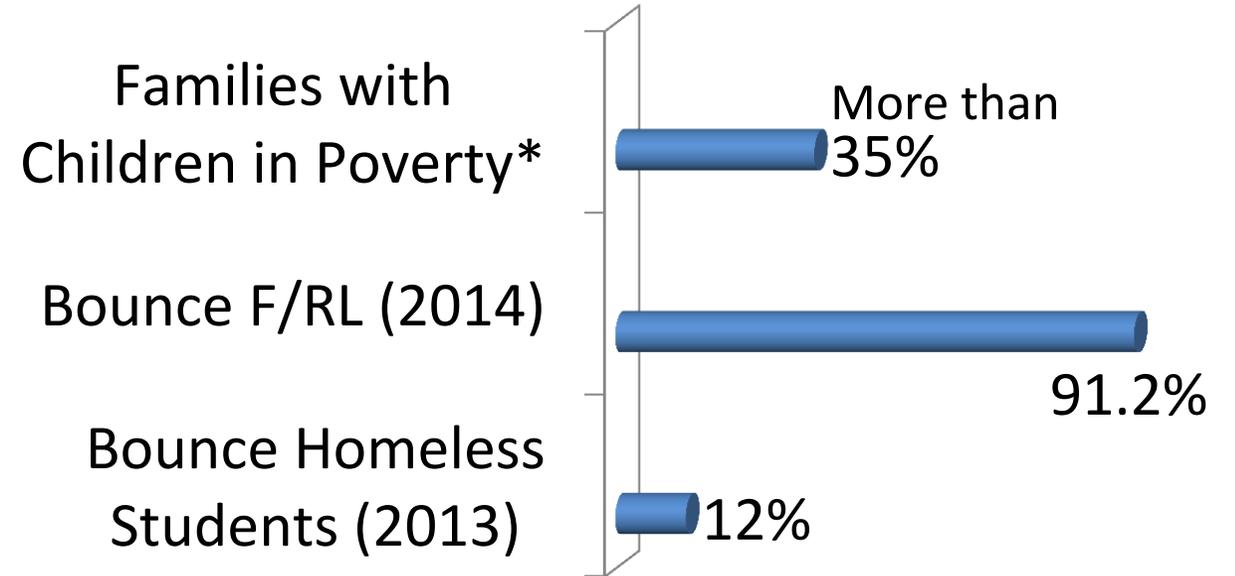
National Survey of Children's Health (2012)	Two or More Adverse Family Experiences
Nationwide (N=94,520)	23%
Kentucky (N=1841)	30%
Low Income Metropolitan KY Areas >500,000 (N=1,068)	45%

JEFFERSON COUNTY DATA EXAMPLES – IROQUOIS NEIGHBORHOODS

Violence*

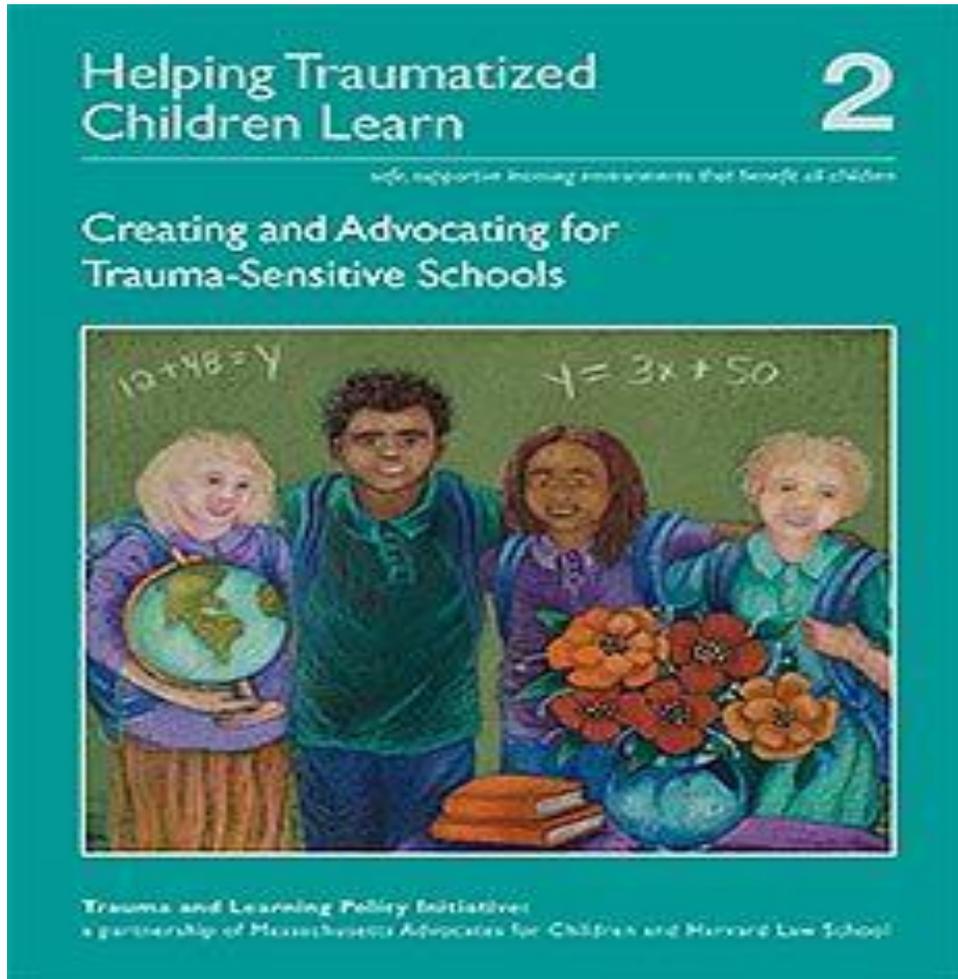


Poverty



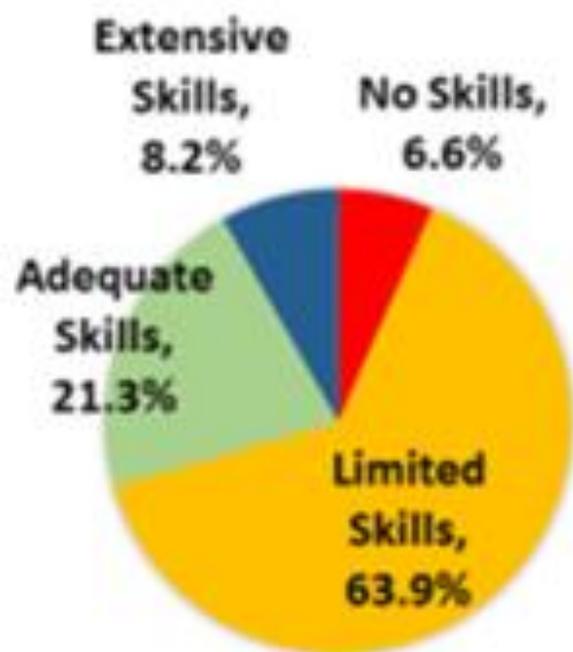
*County data prepared by Kentucky Data Center and provided by Kentucky Youth Advocates. Full references available from Dr. Beverly Winsch @beverly.winsch@jefferson.kyschools.us

Implementation

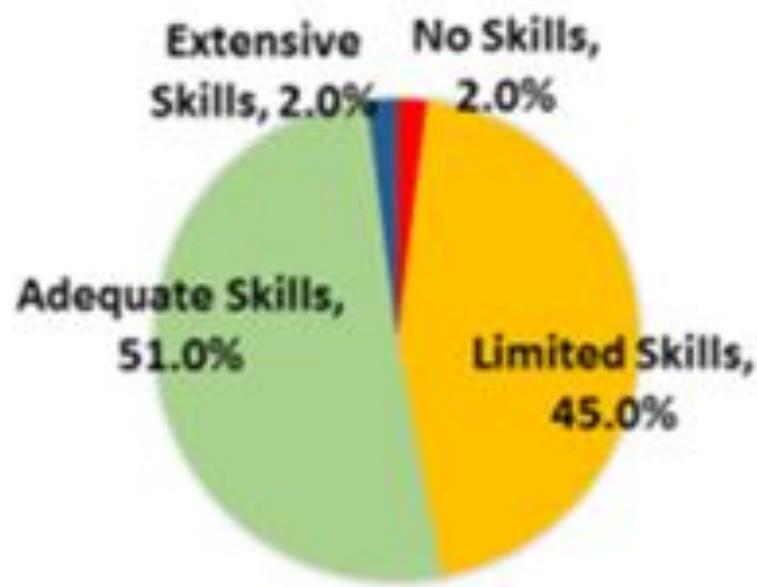


- Creating a Trauma-Resilient school in the Iroquois neighborhood (2014-2015 school year)
- Building Resiliency and Trauma Sensitivity Among OST Providers (500 each of the next 3 years)

How Would You Describe Your Skill Level in Providing Effective Support to Students Experiencing Traumatic Events?



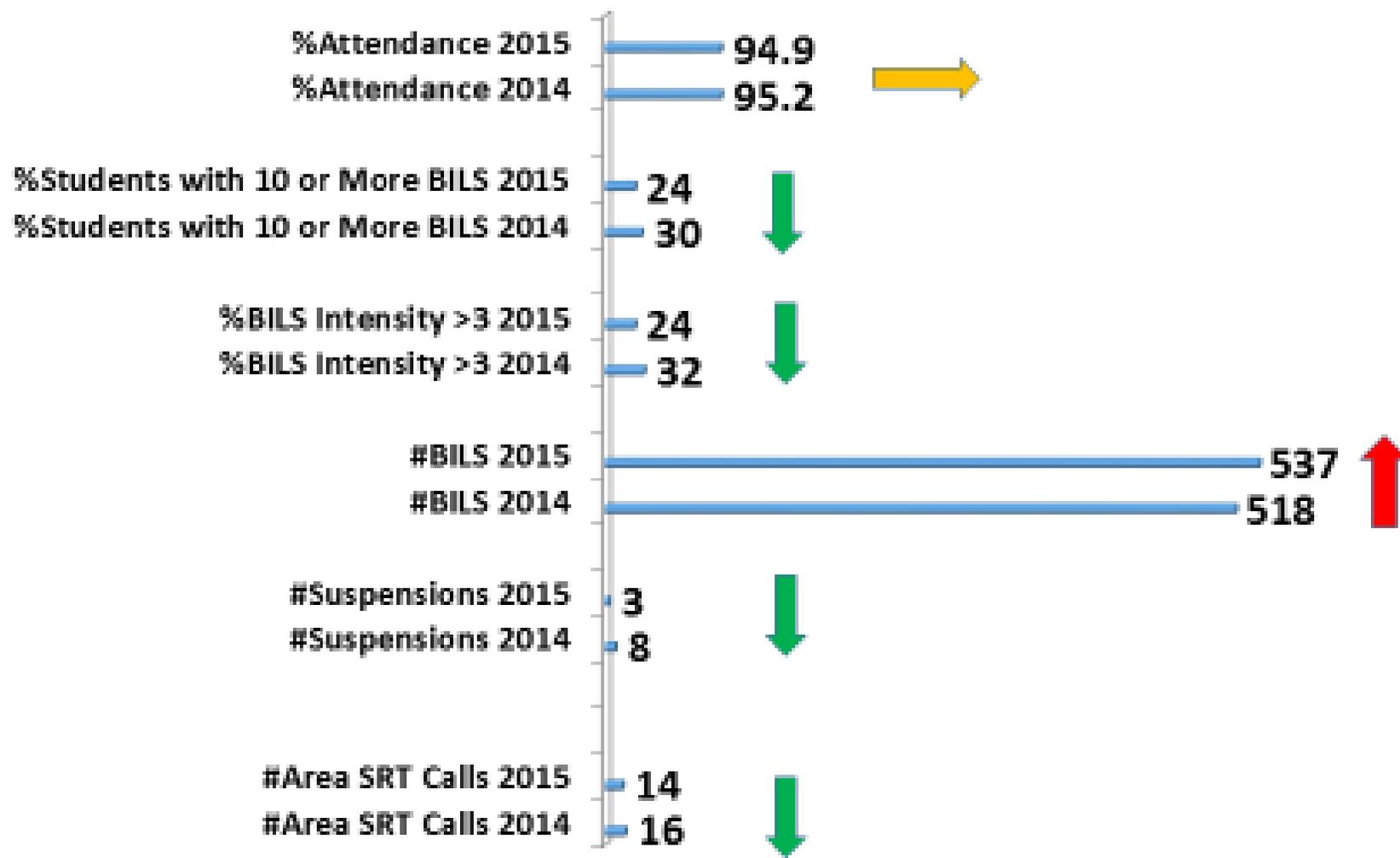
FALL 2014 (N=61 Bounce School Staff)



PENDING SPRING 2015 (N=49 Bounce School Staff)

BEHAVIOR INDICATORS (As of 3/11/2015)

Non-Cognitive Indicators

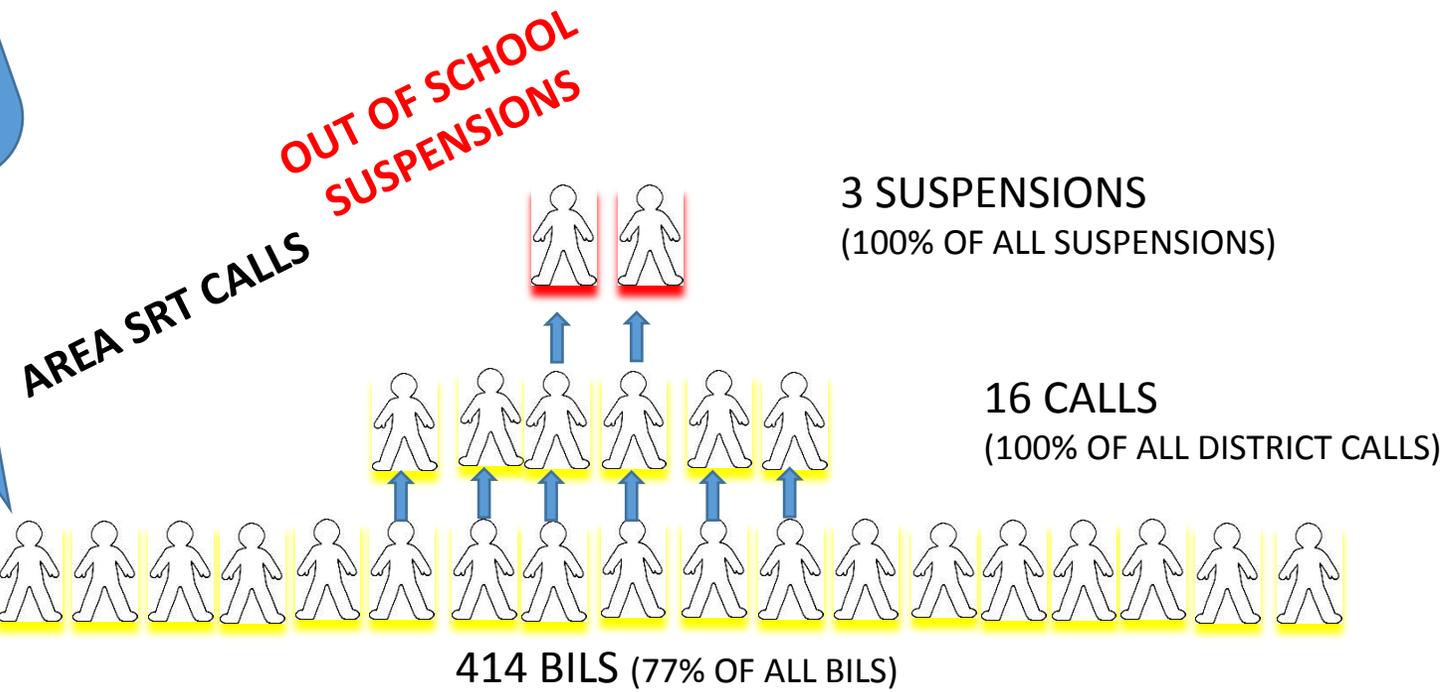


BEHAVIOR PATHWAYS

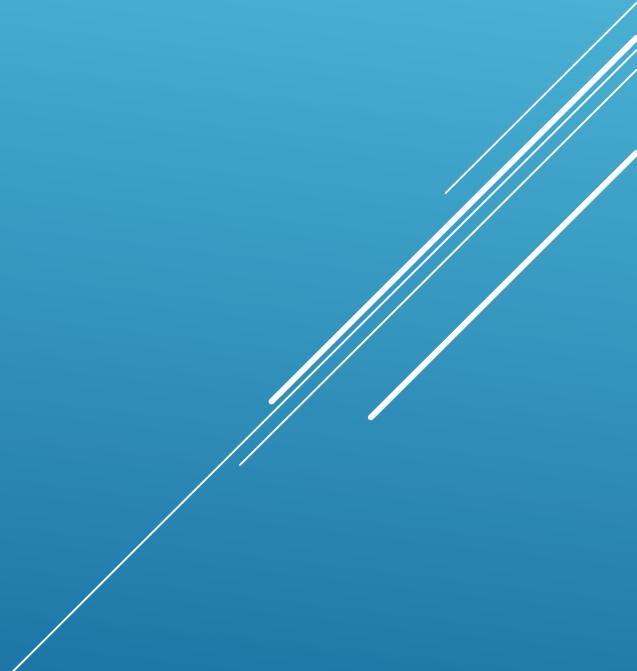
(As of 3/11/2015)

100% Bounce Students
Receiving or Identified to Receive Therapeutic Treatment

10 OR MORE BILS



NEXT STEPS

- SCHOOL BASED
 - OUT OF SCHOOL TIME
 - IDENTIFY ADDITIONAL FUNDING SOURCES
 - OPPORTUNITIES TO EXPAND COALITION
- 

Follow up Contact

- Tracy Monks, bounce.louisville@aol.com

