

**PAPER
TIGERS**



70%
OF KIDS
IN MONROE COUNTY
HAVE HAD AT LEAST
ONE
ADVERSE CHILDHOOD EXPERIENCE

Trauma Informed Schools



Welcome!

- ▶ We are glad you have joined us this morning!
 - ▶ Please help yourself to breakfast
 - ▶ Find a table and make yourself comfortable
 - ▶ We will start promptly at 8:15 am



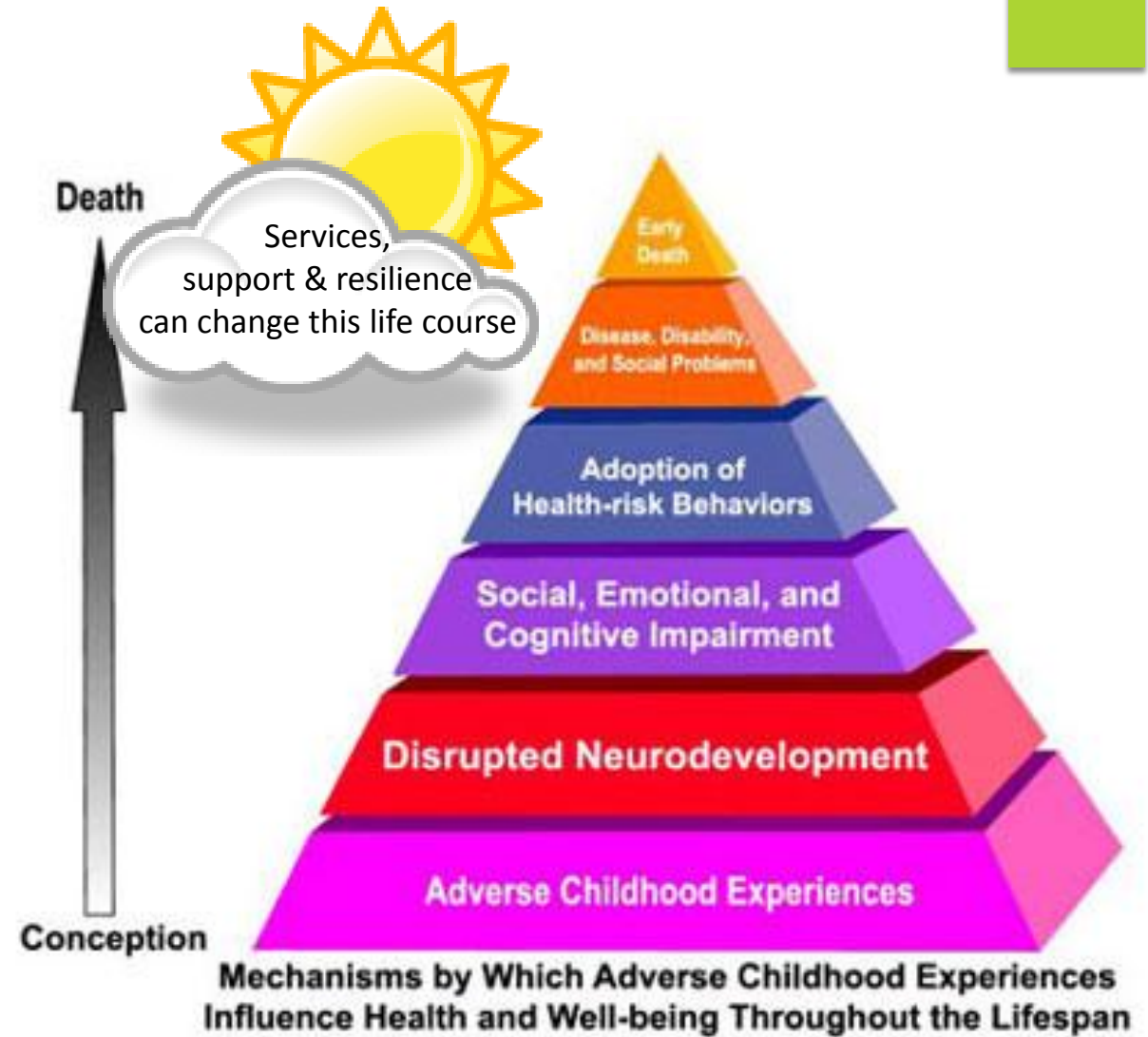
Community Collaboration

Alignment of Adverse Childhood Experiences research with the Youth Risk Behavior Survey at the local level.

Adverse Childhood Experiences (ACEs)

What is an ACE?

- Recurrent physical abuse
- Emotional abuse
- Sexual abuse
- Alcohol/drug abuser in household
- Incarcerated household member
- Household member who with chronic mental illness
- Violence between adults in the home
- Parental separation or divorce

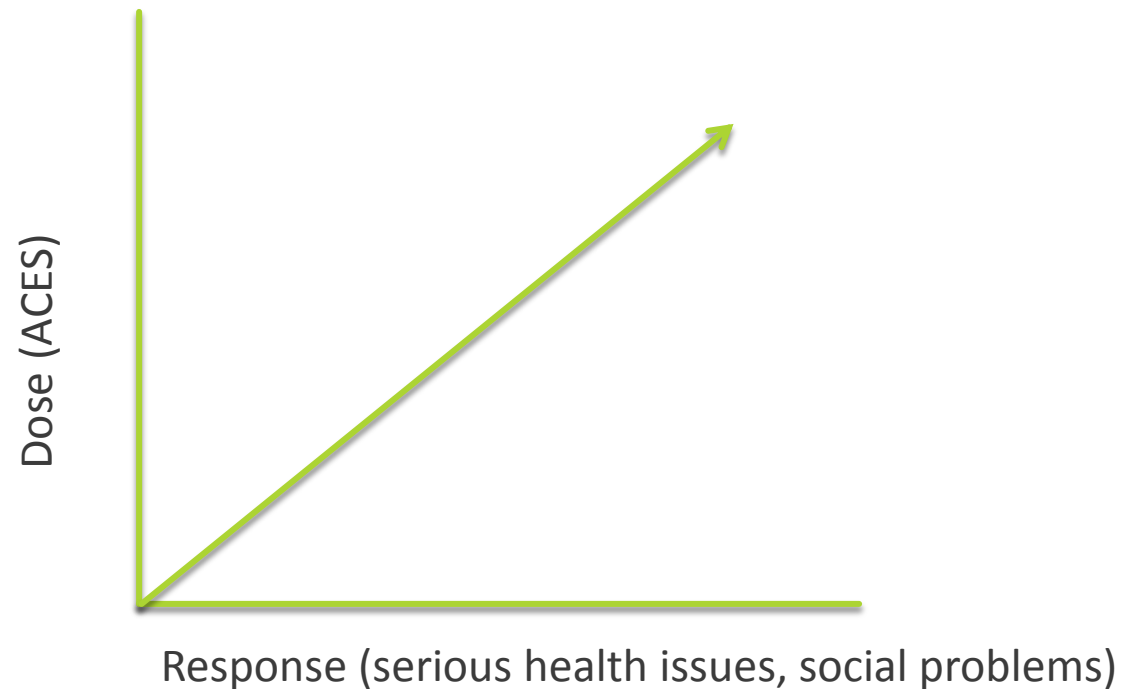


ACES and School Performance

Students dealing with trauma are:

- 2 ½ times more likely to fail a grade
- Score lower on standardized assessments
- Have more receptive & expressive language difficulties
- Are suspended or expelled more often
- Are designated to special education more frequently

A Dose-Response Relationship



Youth Risk Behavior Survey (YRBS)

Developed in 1990 to monitor priority health risk behaviors that markedly contribute to the leading causes of death, disability & social problems among youth & adults in the U.S.

Often established during childhood and early adolescence, these behaviors include:

- ▶ Alcohol and other drug use
- ▶ Tobacco use
- ▶ Unhealthy dietary behaviors
- ▶ Inadequate physical activity
- ▶ Behaviors that contribute to unintentional injuries and violence
- ▶ Sexual behaviors that contribute to unintended pregnancy and sexually transmitted infections, including HIV infection

Monroe County YRBS

Implementation & Assessment:

- ▶ Conducted every 4 years by the Monroe County Department of Public Health
 - ❖ Conducted bi-annually 1991-2011
- ▶ Local questions determined 3-4 months prior through school district representation & discussion
- ▶ Most mirror the national YRBS. Recent additions reflect issues relevant to Monroe County:
 - ❖ Prescription drug Abuse
 - ❖ Bullying
 - ❖ Electronic Bullying
 - ❖ Adverse Childhood Experiences
- ▶ Aggregate (County level) results shared with community
 - ❖ District-specific data provided to the home district
- ▶ Data incorporated into the Community Health Assessment (CHA)

Monroe County YRBS

In 2015

- 12 districts surveyed all of their students so they can report results for their district
- 4 districts provided a sample only for the county sample
- 2 districts opted out



Monroe County YRBS - ACEs

Students Reported:	%
Often or repeatedly a parent or adult their home swore at you, insulted you or put you down	15
Often or repeatedly a parent or adult in their home hit, beat, kick or physically hurt you in any way	4
Often or repeatedly parents or adults in their home hit, beat, kick or beat each other up	3
Often or repeatedly, their family has not had enough money to buy food or pay for housing	6
Ever lived with anyone who was an alcoholic, problem drinker, used illegal street drugs, took prescription drugs to get high, or was a problem gambler	23

Monroe County YRBS - ACEs

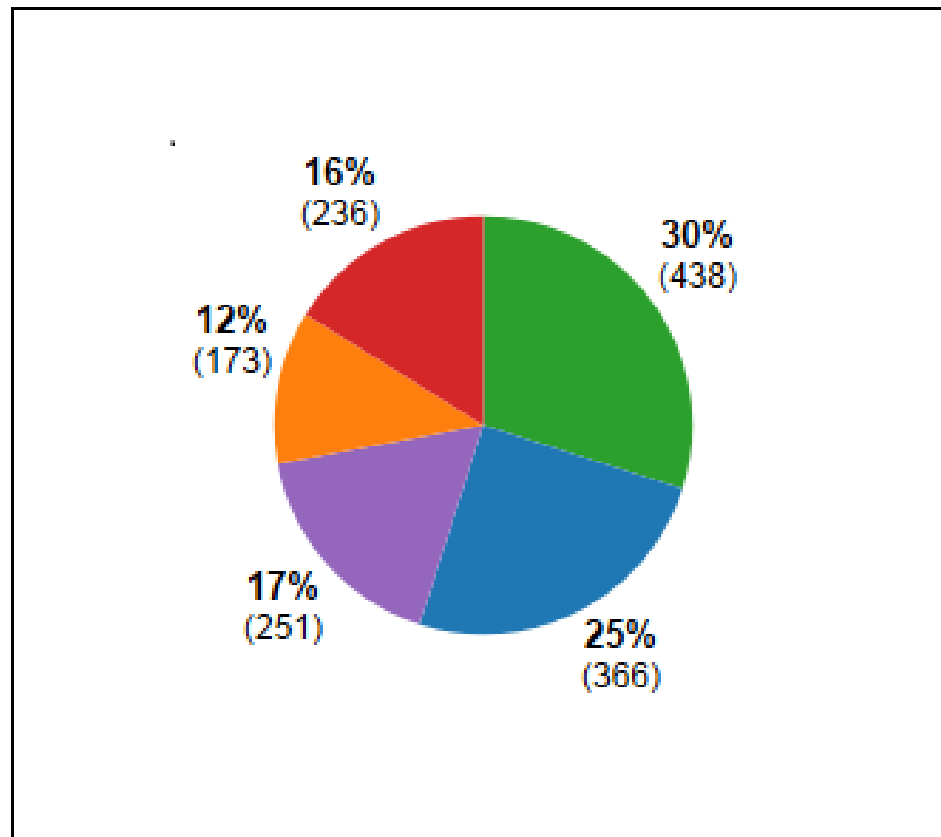
Additionally, Students Reported:	%
Ever lived with anyone who was depressed, mentally ill or suicidal	21
Ever had anyone in their household go to jail or prison	21
Ever witnessed someone get shot, stabbed or beaten in your neighborhood	19
Were ever forced to do any of the following: have sexual intercourse, touch someone sexually, or be touched by someone sexually	12
Currently do not live with both parents	42
Disagree, strongly disagree with the statement, "my family gives me the help and support I need"	8

How many kids are we talking about?

Distribution by ACES Total Score Category

ACES Total Score Category

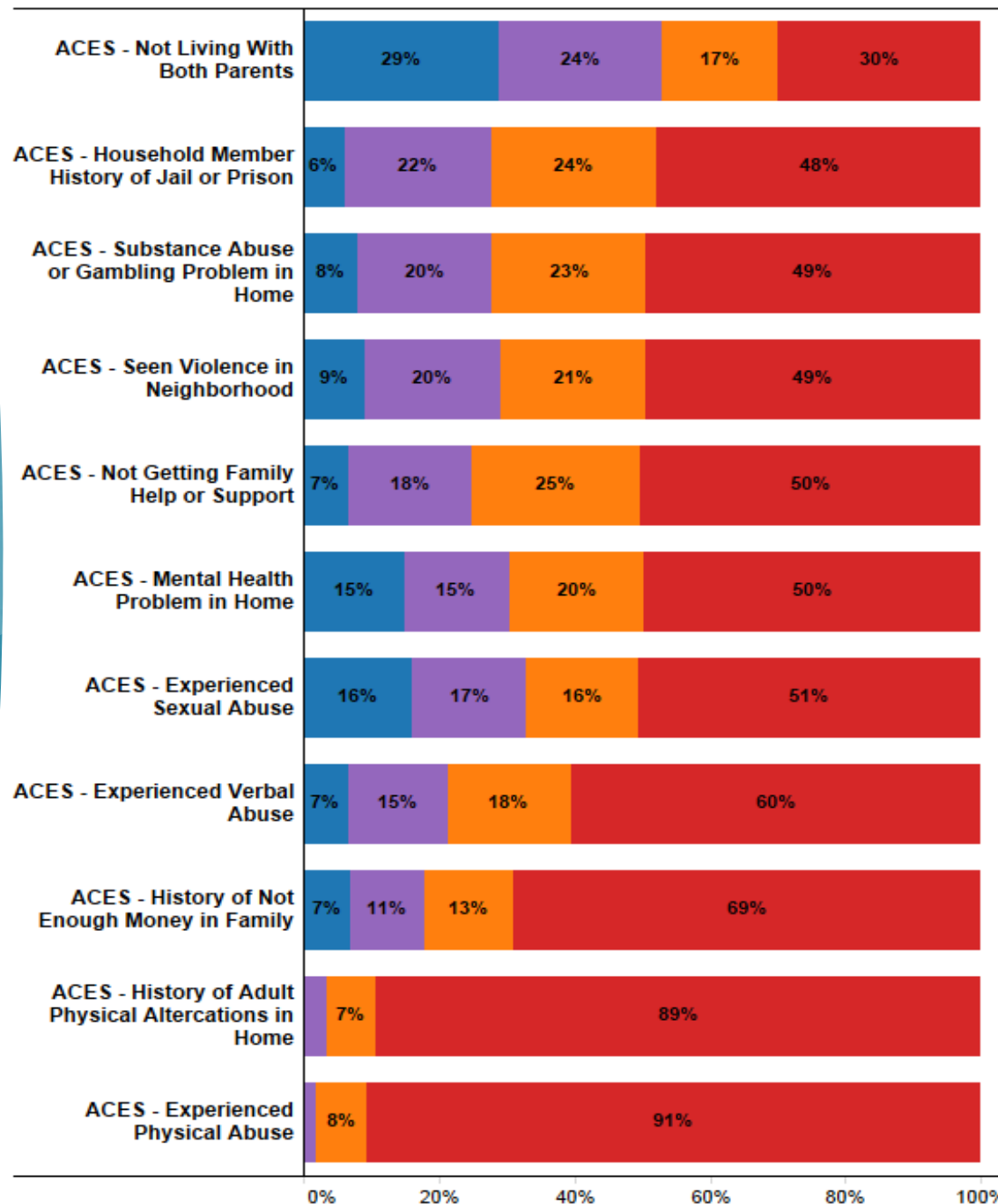
- No ACES Flags
- 1 ACES Flag
- 2 ACES Flags
- 3 ACES Flags
- 4 or More ACES Flags



The Accumulation of ACEs

Observing the pattern of distribution provides clues around the clustering of ACEs and indications of what questions might we be asking of these youth

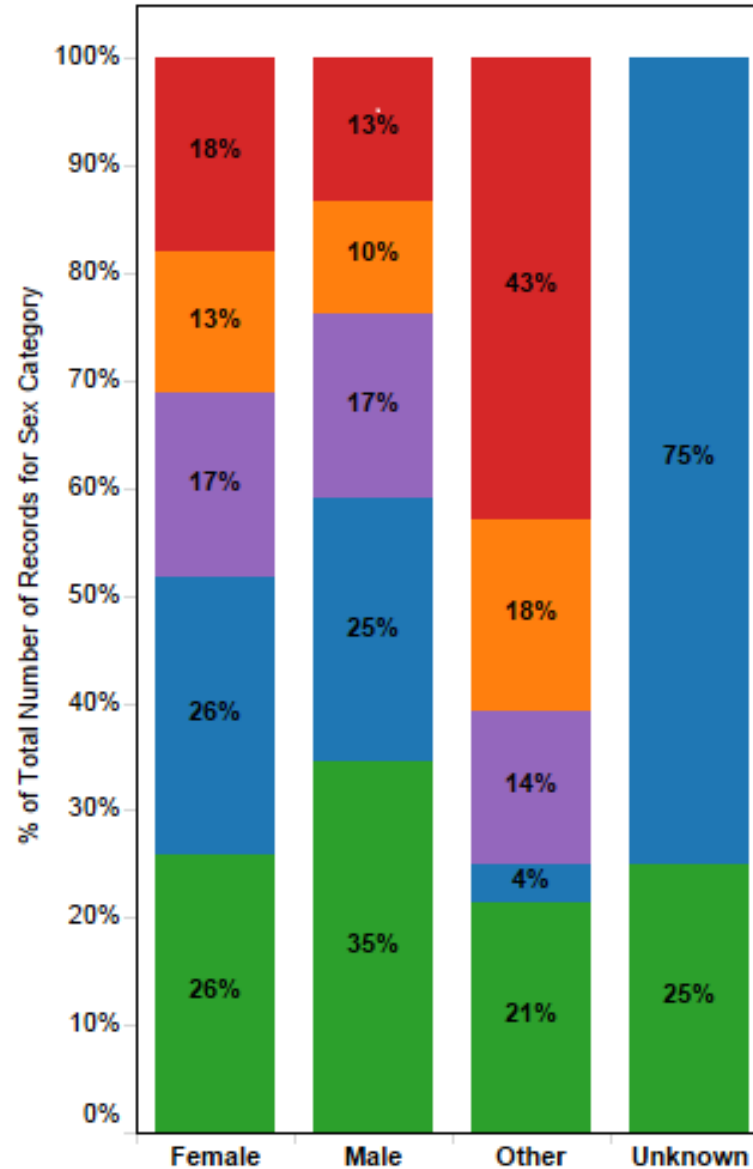
Distribution of ACEs Score for Each ACEs Flags



Monroe County ACEs by Gender

Demonstrates the distribution of ACE scores within each self-identified gender category

Distribution of ACEs Score by Gender



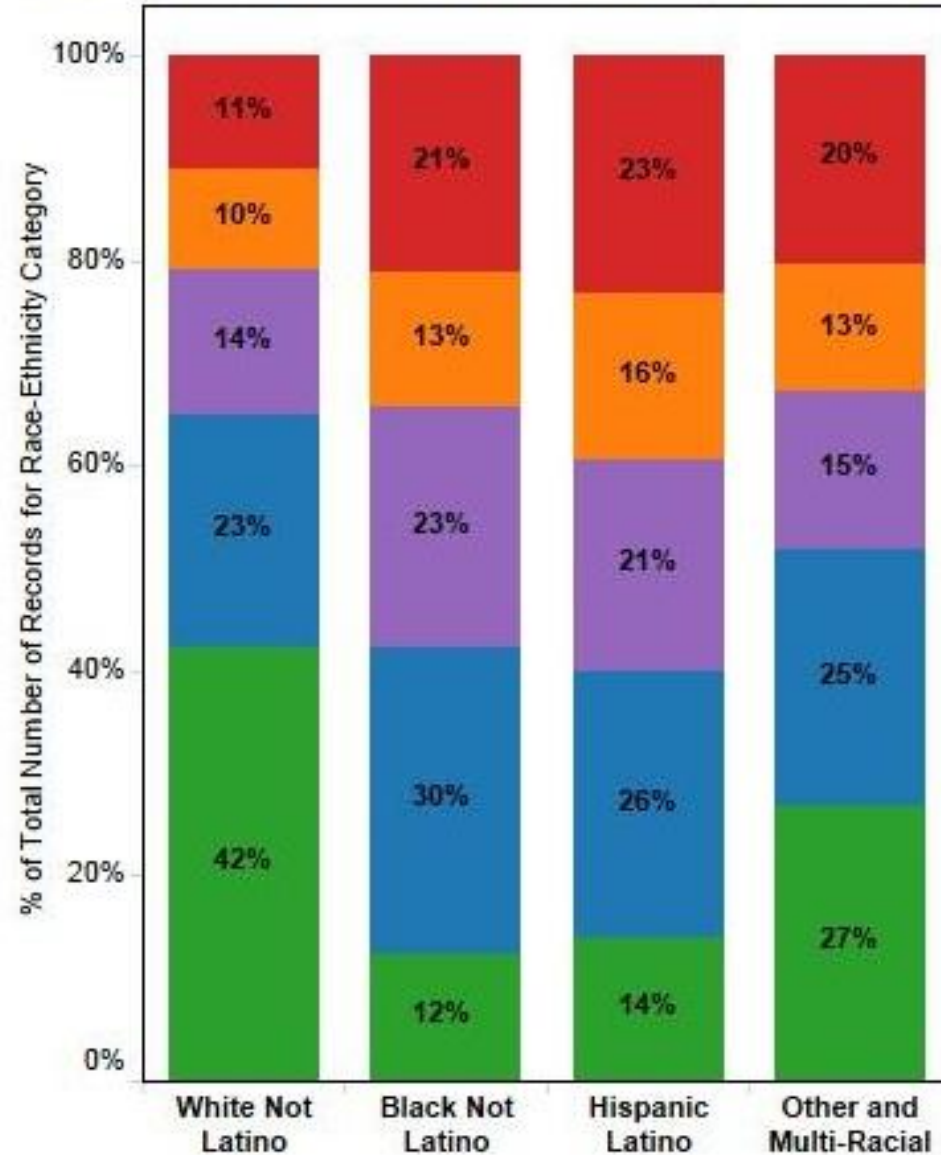
ACES Total Score Category

- No ACEs Flags
- 1 ACEs Flag
- 2 ACEs Flags
- 3 ACEs Flags
- 4 or More ACEs Flags

Monroe County ACEs by Race-Ethnicity

Demonstrates the
distribution of ACE
scores within each
self-identified racial
or ethnic category

Distribution of ACEs Score by Race-Ethnicity



ACES Total Score Category

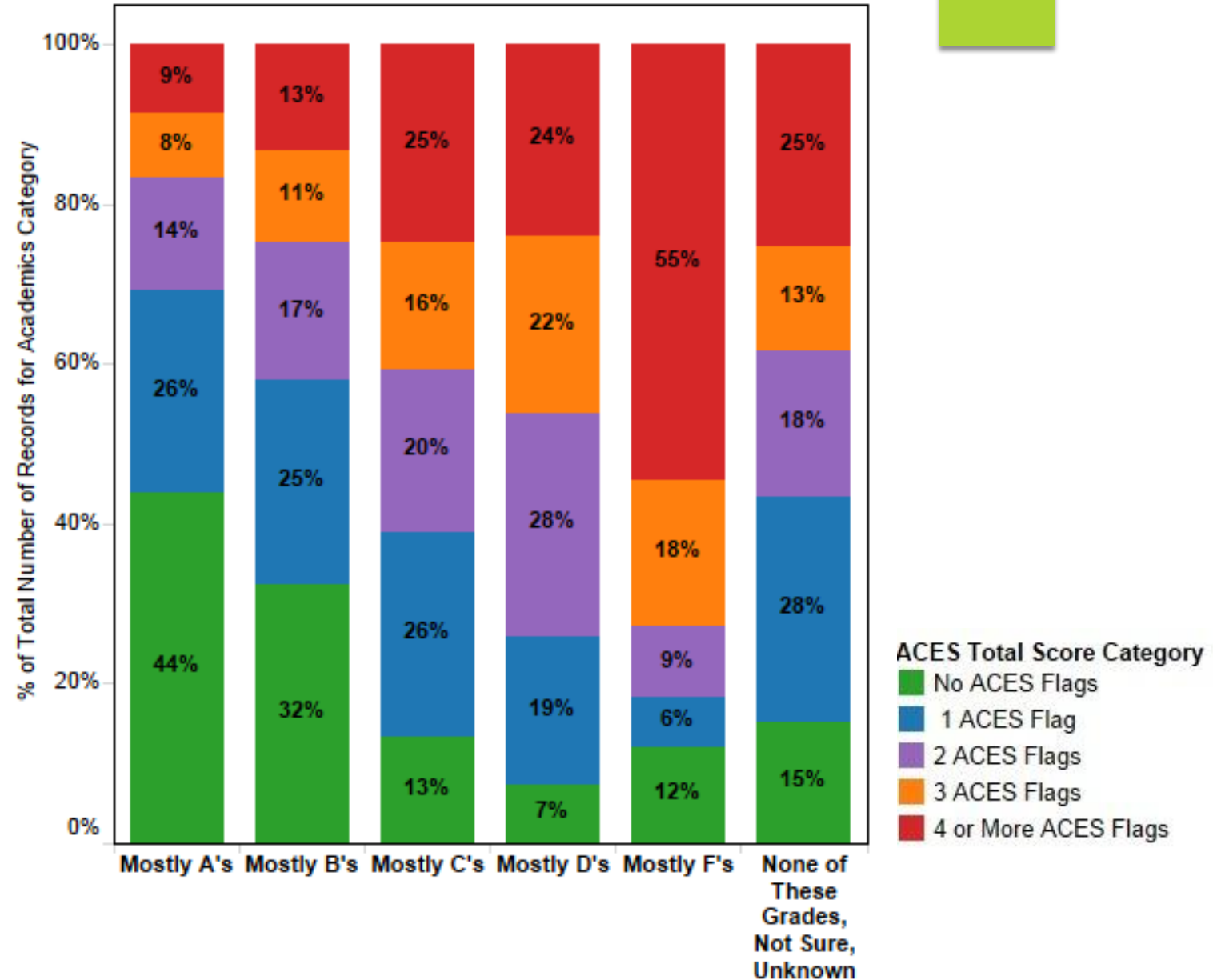
- No ACEs Flags
- 1 ACEs Flag
- 2 ACEs Flags
- 3 ACEs Flags
- 4 or More ACEs Flags

The Academic Impact

Students were asked to identify their average grades over the last 12 months

- 73% of those who reported receiving Mostly F's have experienced 3 or more ACEs

Distribution of ACES Score by Academic Grades





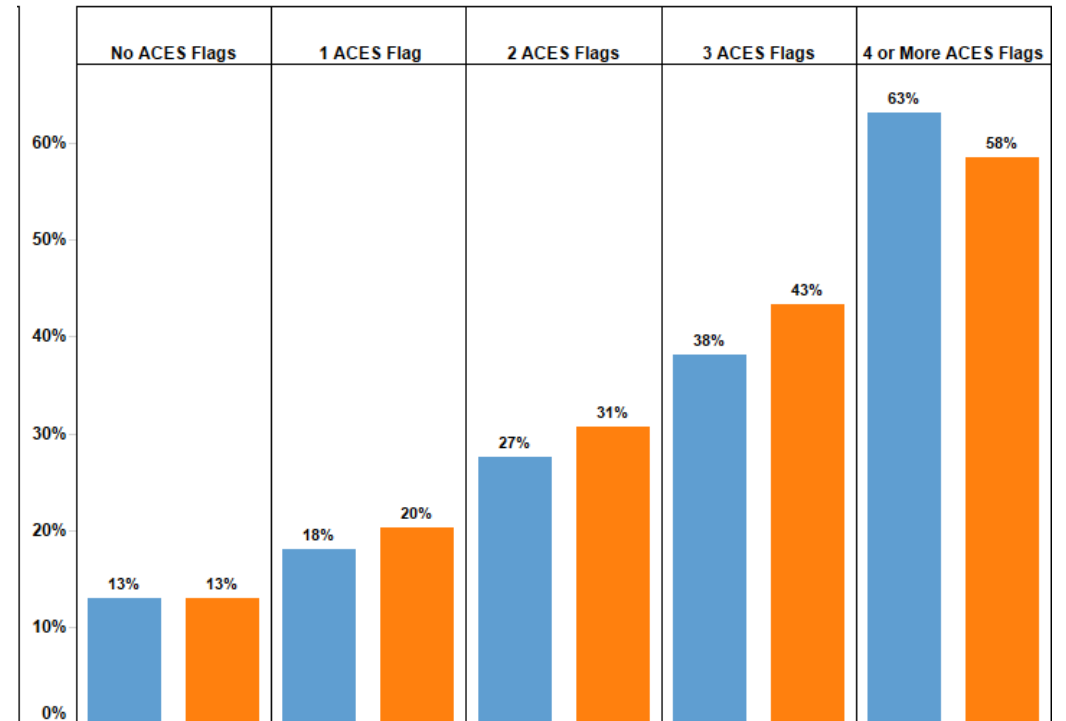
The Overlay of Adverse Childhood Experiences & Risk Behaviors

What did we find in Monroe County?

Mental Health

- 63% of students with **4 or more ACEs** reported feeling sad for 2 or more weeks in the past year
- 58% of students with **4 or more ACEs** reported difficulties from emotional problems

General Mental Health Indicators by ACEs Score

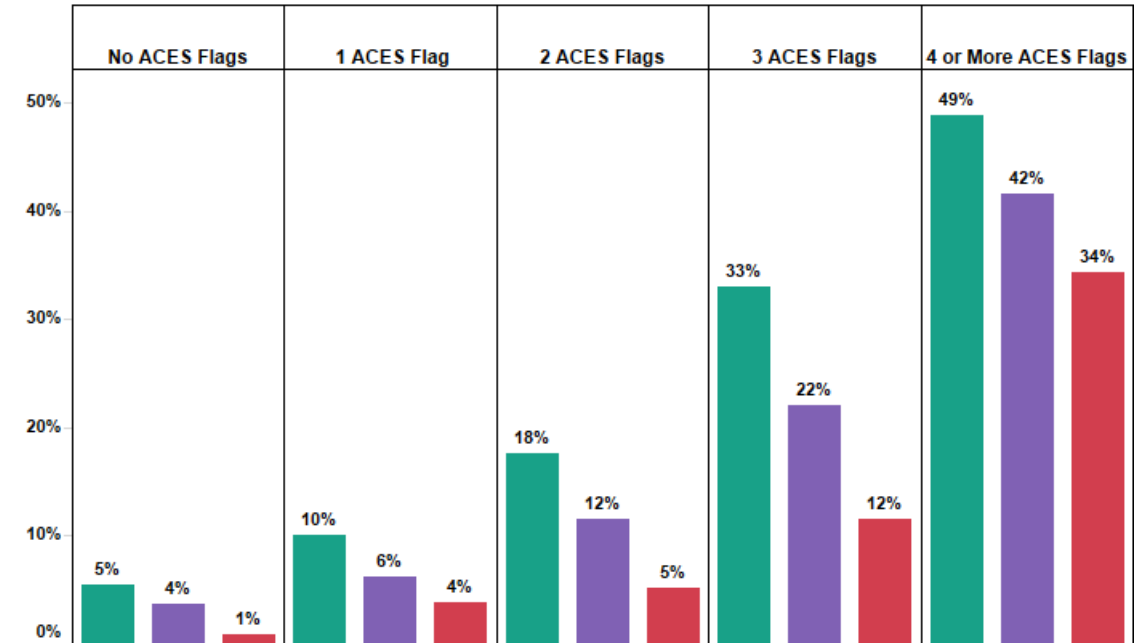


- % total felt sad 2+ wks in past yr
- % total for emotional problems

Suicide

- 49% of student with **4 or more ACEs** reported engaging in self-injury
- 42% of students with **4 or more ACEs** reported considering suicide in the past year
- 34% of students with **4 or more ACEs** reported attempting suicide in the past year

Suicide Indicators by ACEs Score

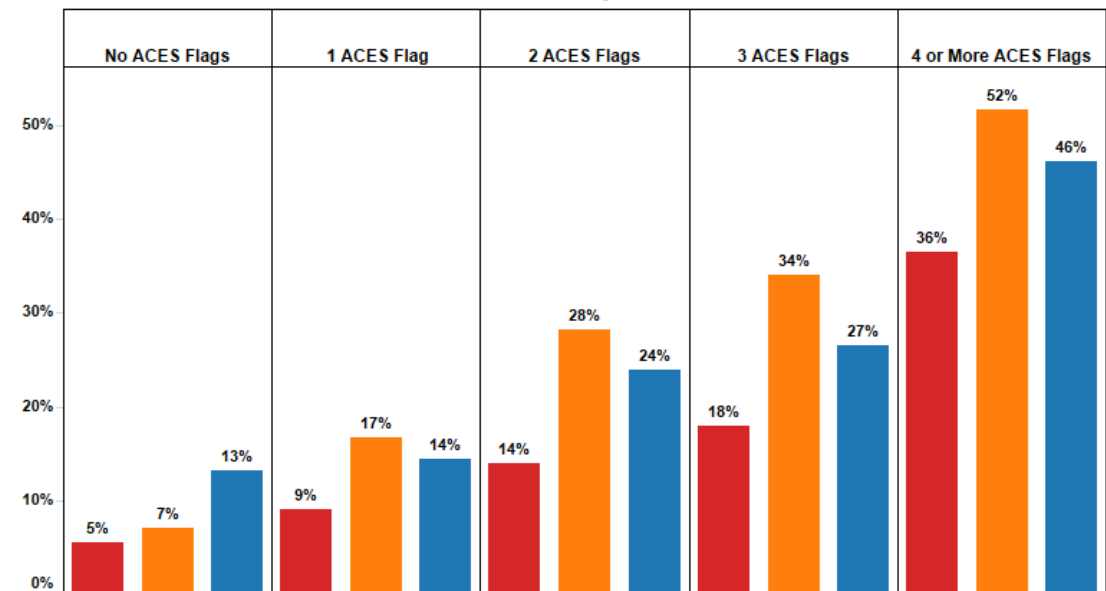


- % total non-suicidal self-injury ever
- % total considered suicide in the past yr
- % total attempted suicide in the past yr

Violence

- 36% of students with **4 or more ACEs** reported carrying a weapon in the past 30 days
- 52% of students with **4 more ACEs** reported engaging in a fight in the past year
- 46% of students with **4 more ACEs** reported being a victim of violence in the past 30 days

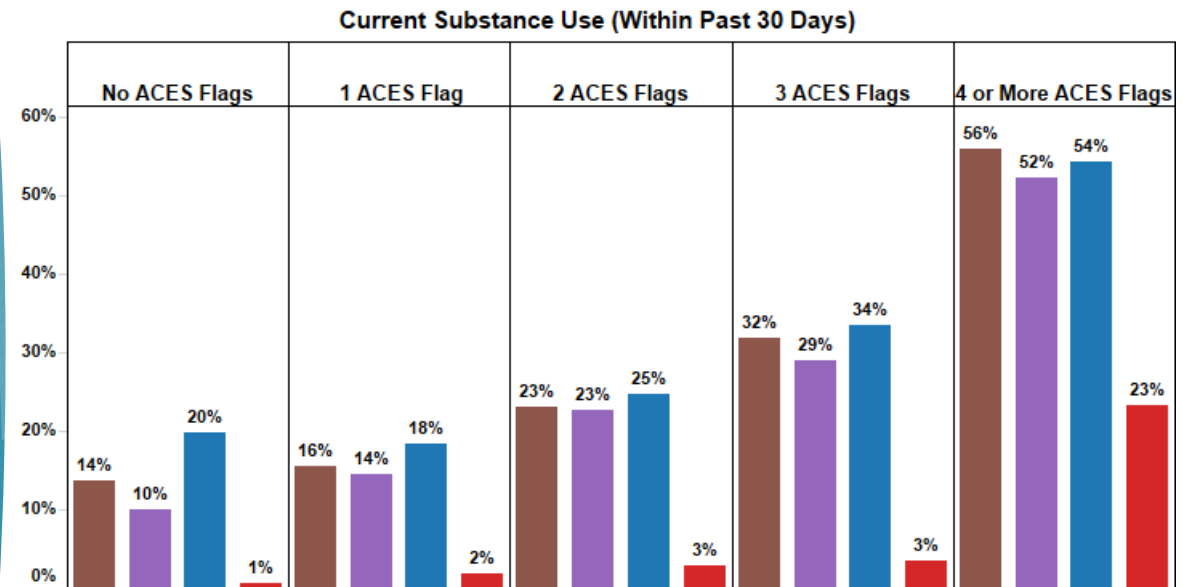
Violence Indicators by ACEs Score



- % total carried weapons
- % total engaged in a fight
- % total victim in past 30 days

Substance Abuse

- 56% of students with 4 or more ACEs reported using tobacco in the past 30 days
- 53% of students with 4 or more ACEs reported using marijuana in the past 30 days
- 54% of students with 4 or more ACEs reported using alcohol in the past 30 days
- 23% of students with 4 or more ACEs reported using other drugs in the past 30 days



- Tobacco
- Marijuana
- Alcohol
- Any other drug

Implications

- ▶ What questions are we asking? What questions are we NOT asking?
- ▶ How does our interpretation drive intervention?
 - Responding vs. Reacting to behavior
 - What does this mean for Response to Intervention (RtI)?
- ▶ Community resources – does array match needs?
 - Trauma specific treatment vs. trauma responsive
- ▶ Workforce development needs
 - Foundational knowledge: What does everyone need to know?
 - Intervention/approaches: What specialized skills are required?
 - Vicarious trauma: How do we care for the workforce?

Screening of Paper Tigers

"Stressed brains can't learn"



- ▶ Follows a year in the life of an alternative high school that has radically changed its approach to disciplining its students, becoming a promising model for how to break the cycles of poverty, violence and disease that affect families.
- ▶ Walla Walla, Washington
 - Rural: Population 31,190
 - 92% Caucasian, 2% African American, 1% Native American, 21% Latino
 - Lincoln:
 - 62% Caucasian, 33% Latino, 1% African American
 - 74% economically disadvantaged

Community Comparison

Monroe County

- ▶ Population: 749,857
- ▶ 77% Caucasian, 16% African American, 4% Asian, 8% Latino
- ▶ 15% below the poverty level

City of Rochester

- ▶ Population: 209,983
- ▶ 44% Caucasian, 42% African American, 3% Asian, 16% Latino
- ▶ 33% below the poverty level

Break

- ▶ Please enjoy a 15 minute break
 - Help yourself to additional refreshments
 - Network with someone you know or get to know someone new
 - Just relax
- ▶ If you have written questions/comments regarding the data presentation, please place your card in the box on the panel table

Trauma Informed School Panel

- ▶ Moderator: Elizabeth Meeker, Coordinated Care Services, Inc.
- ▶ Panelists:
 - Jessie Joy, Jamestown City School District
 - Denise Quamina, Rochester City School District

Resources and Discussion

- ▶ Resource booklet
- ▶ Evaluation