



CCSI

Coordinated Care Services, Inc
Innovative Solutions in Human Service Delivery

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Getting Started

Taking a Community Approach to ACEs



CCSI – Who We Are

More than **25 years** of providing management services and technical assistance to local government, service providers, schools, and not-for-profits in Rochester and across NYS

- Longstanding relationship with Monroe County aimed at strengthening local system of care for children and families
- Collaborative working relationships with organizations across the community



CCSI – Who We Are

Specific areas of expertise

- ✓ Project / Program Management
- ✓ Program Evaluation
- ✓ Service and System Development
- ✓ Performance and Quality Improvement
- ✓ Data Analytics
- ✓ Practice Transformation
 - ✓ Trauma Informed Care
 - ✓ Cultural Competence
- ✓ Specialized Staffing



Monroe County, NY

Community Overview

- ✓ 747,000 residents
- ✓ Mix of urban/suburban/rural areas
 - 28% live in City of Rochester
 - 18 school districts/2 BOCES
- ✓ Race/Ethnicity: 76% Caucasian/15% African American
 - Rochester: 46% Caucasian/41% African American
 - Latino: 16%
- ✓ Child poverty rate: 22% of children
 - Rochester: 50% of children
 - By race/ethnicity: 48% African American/48% Hispanic/18% Asian/12% White



Big Idea

- What do we know about our community in terms of ACEs?
- Can we obtain youth report vs. adult retrospective report?
- Does ACEs relate to the high risk behavior in youth?



How did we begin?

Partnership

- MCDPH, MCOMH, MC School Districts

Resources

- Youth Risk Behavior Survey
- District specific data

Impact

- Deepening understanding
- Driving practice change



Youth Risk Behavior Survey

These behaviors, often established during childhood and early adolescence, include:

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

Source: Center for Disease Control <http://www.cdc.gov/healthyyouth/data/yrbs/overview.htm>

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Monroe County YRBS

Conducted every two years by the Monroe County Department of Public Health

- 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/Cyber-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 2017

- 13 districts surveyed all of their students so they can report results for their district
- 2 districts provided a sample only for the county sample
- 3 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	13
Often or repeatedly a parent or adult in their home hit, beat, kick or physically hurt you in any way	3
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	22



Monroe County YRBS - ACEs

Additionally, Students Reported:	%
Ever lived with anyone who was depressed, mentally ill or suicidal	24
Ever had anyone in their household go to jail or prison	17
Ever witnessed someone get shot, stabbed or beaten in your neighborhood	15
Were ever forced to do any of the following: have sexual intercourse, touch someone sexually, or be touched by someone sexually	10
Currently do not live with both parents	42
Disagree, strongly disagree with the statement, "my family gives me the help and support I need"	6



Questions, Comments Reflections



Table Activity

Creating the Plan: Leveraging and building strategic partnerships

- Using the guidance document provided, have a discussion with those near you
- Suggested roles:
 - Notetaker: Write down ideas, key points, quotes, takeaways, etc.
 - Reporter: Share back key ideas with the larger group
 - Facilitator: Make sure all voices are heard, encourage everyone to share if they choose to, keep an eye on the time
- Group harvest



What We Discovered

And what do are doing about it



Characteristics of Youth Respondents

	0 ACEs (n = 603)	2+ ACEs (n = 607)	Total Sample (n = 1210)
Age			
14 years	15%	14%	15%
15 years	25%	23%	24%
16 years	25%	24%	25%
17 years	24%	26%	25%
18 years or older	11%	13%	12%
Sex			
Male	47%	58%	51%
Female	53%	42%	49%
Race			
White	76%	46%	61%
Black	8%	21%	15%
Asian	7%	3%	5%
Latino	5%	22%	13%
Multi-racial/other	4%	8%	6%

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Analysis

- Series of logistic regression models
 - 0 vs. 2+ ACEs predicting behavior (yes/no)
 - Controlling for age, sex, race/ethnicity
- Cross-sectional data representing youth who were in attendance and capable of completing a survey on the day of survey administration
 - Where possible, looked at behaviors that were recent (i.e., past 30 days)



What is the impact of ACEs on youth's mental health?

Compared to youth with no ACEs, youth with 2 or more ACEs reported being

- **Over 7 times more likely to experience emotional difficulties** ($p > .001$)
 - Females > Males
 - White > Black; White = Asian, Latino, Other/Multiple
 - Age = not significant
- **Nearly 8 times more likely to experience symptoms of depression in the past year** ($p < .001$)
 - Females > males
 - White > Black; White = Asian, Latino, Other/Multiple
 - Age = not significant



What is the impact of ACEs on youth's self harm and suicidality?

Compared to youth with no ACEs, youth with 2 or more ACEs reported being

- **Over 5.5 times more likely to have engaged in self injurious behavior** ($p < .001$)
 - Females > males
 - White > Black; White = Asian, Latino, Other/Multiple
 - Age = not significant
- **Over 7 times more likely to have made a plan for how to attempt suicide in the last year** ($p < .001$)
 - Females > males
 - White > Black; White = Asian, Latino, Other/Multiple
 - Age = not significant
- **Over 18.5 times more likely to have attempted suicide in the past year** ($p < .001$)
 - Sex, Race/Ethnicity, Age = not significant



What is the impact of ACEs on youth's substance use?

Compared to youth with no ACEs, youth with 2 or more ACEs reported being

- **Over 3 times more likely to have had at least one drink of alcohol** ($p > .001$)
 - Sex = not significant
 - White > all others
 - Older age more likely
- **Nearly 6 times more likely to have gone to school or school events under the influence of alcohol or drugs in the past month** ($p < .001$)
 - Sex, Race/Ethnicity = not significant
 - Older age more likely through age 17
- **Over 4 times more likely to have used marijuana in the past month** ($p < .001$)
 - Sex = not significant
 - White > Asian; White = Black, Latino, Other/Multiple
 - Older age more likely



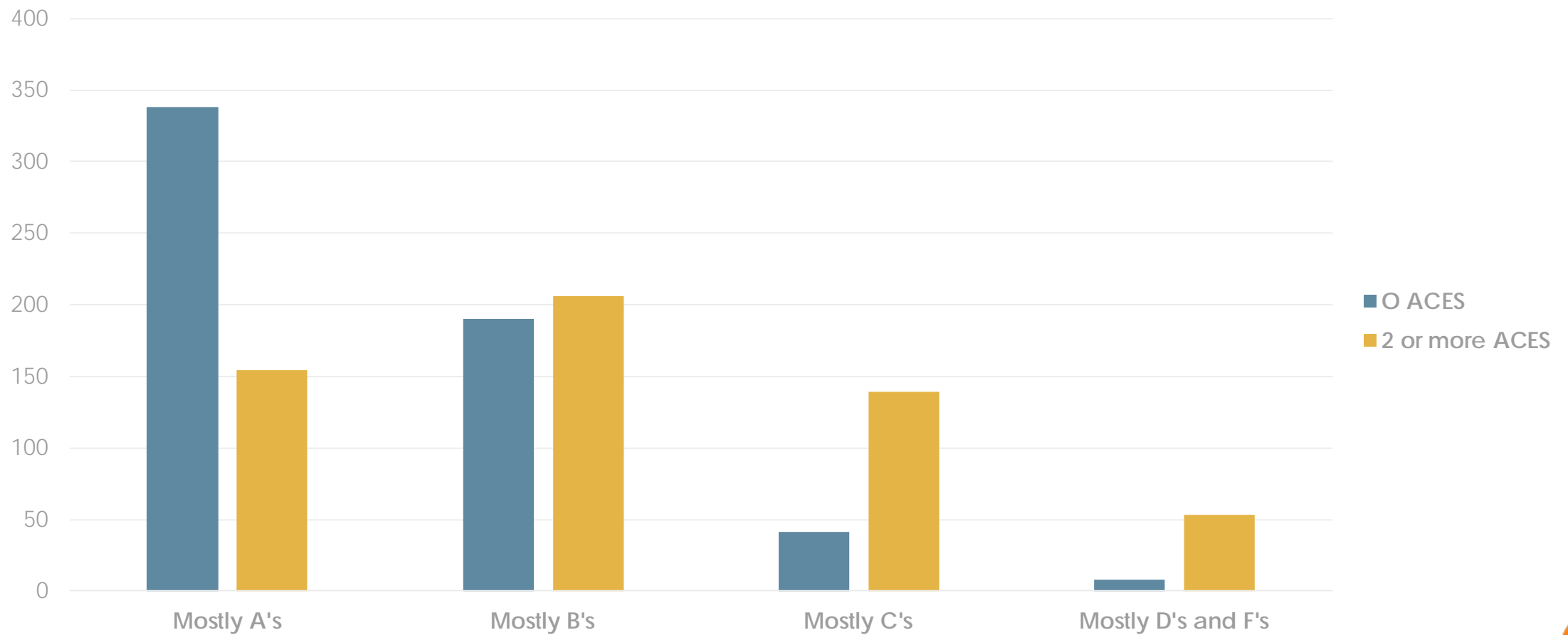
What is the impact of ACEs on youth's experiences with violence?

Compared to youth with no ACEs, youth with 2 or more ACEs reported being

- **Over 6.5 times more likely to have carried a weapon in the past month** ($p > .001$)
 - Males > Females
 - Race/Ethnicity, Age = not significant
- **Over 4.5 times more likely to been in a physical fight in the past year** ($p < .001$)
 - Males > Females
 - Black/Latino > White; White = Asian, Other/Multiple
 - Age 15/16 most likely
- **Over 10 times more likely to carried a gun in the past year** ($p < .001$)
 - Males > Females
 - Race/Ethnicity, Age = not significant
- **Nearly 3.5 times more likely to have been the victim of harassment at school in the past month** ($p < .001$)
 - Sex, Race/Ethnicity, Age = not significant



Distribution of grades (self-reported) by ACE category

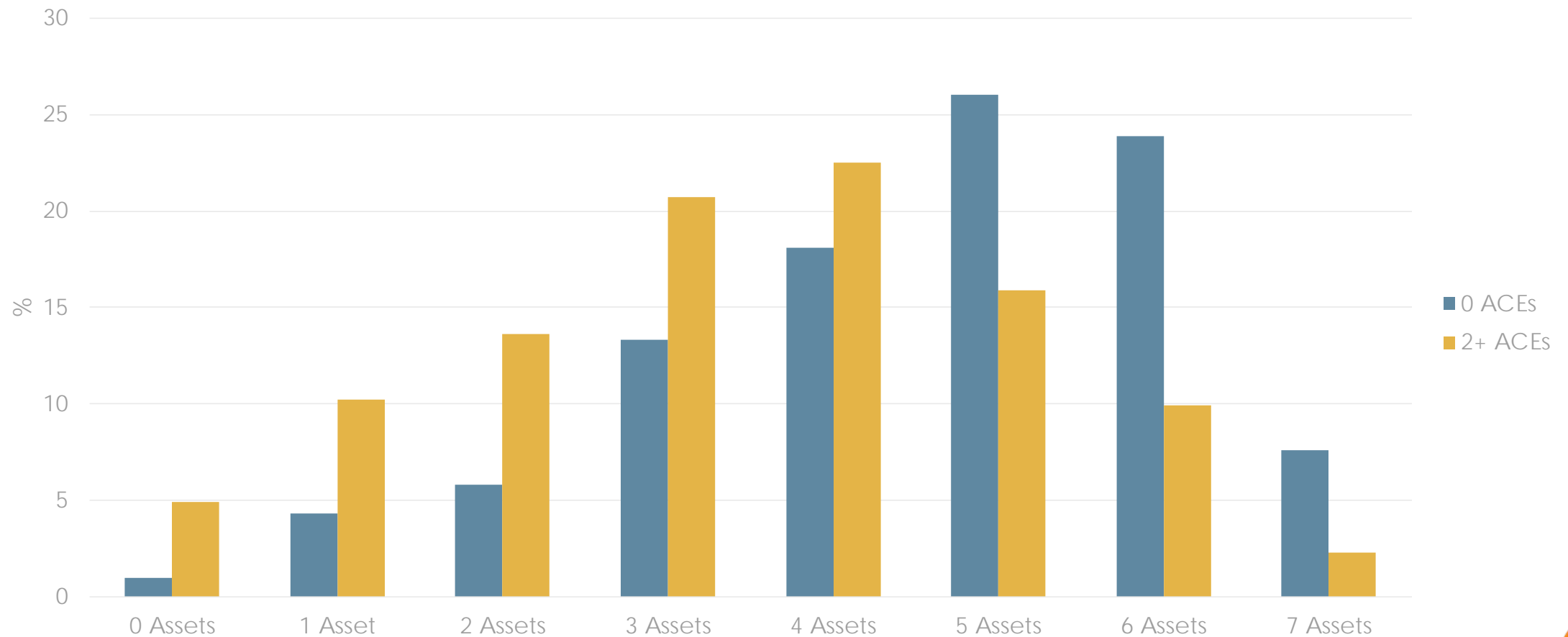


What assets do youth also report?

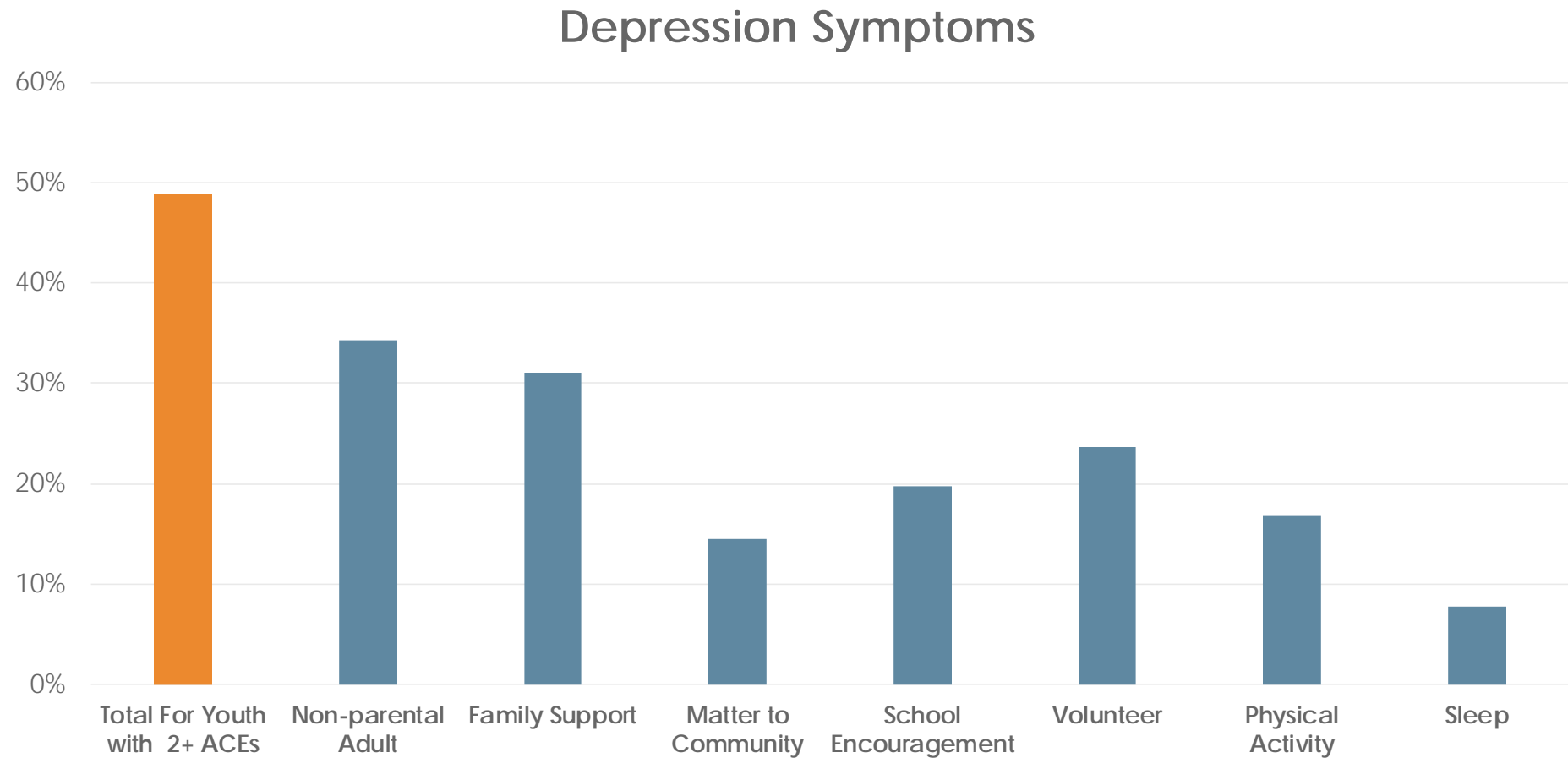
- I have at least one non-parental adult I can ask for help
- My family gives me the support I need
- I receive encouragement at school
- I matter to people in my community
- I volunteer at least one hour per week
- I sleep at least 8 hours on school nights
- I get at least 60 minutes of physical activity daily at least 5 days per week



Are there differences in the number of assets youth with 0 ACEs have compared to youth with 2+ ACEs?



What's the impact of assets on other health behaviors for youth with 2+ ACEs?

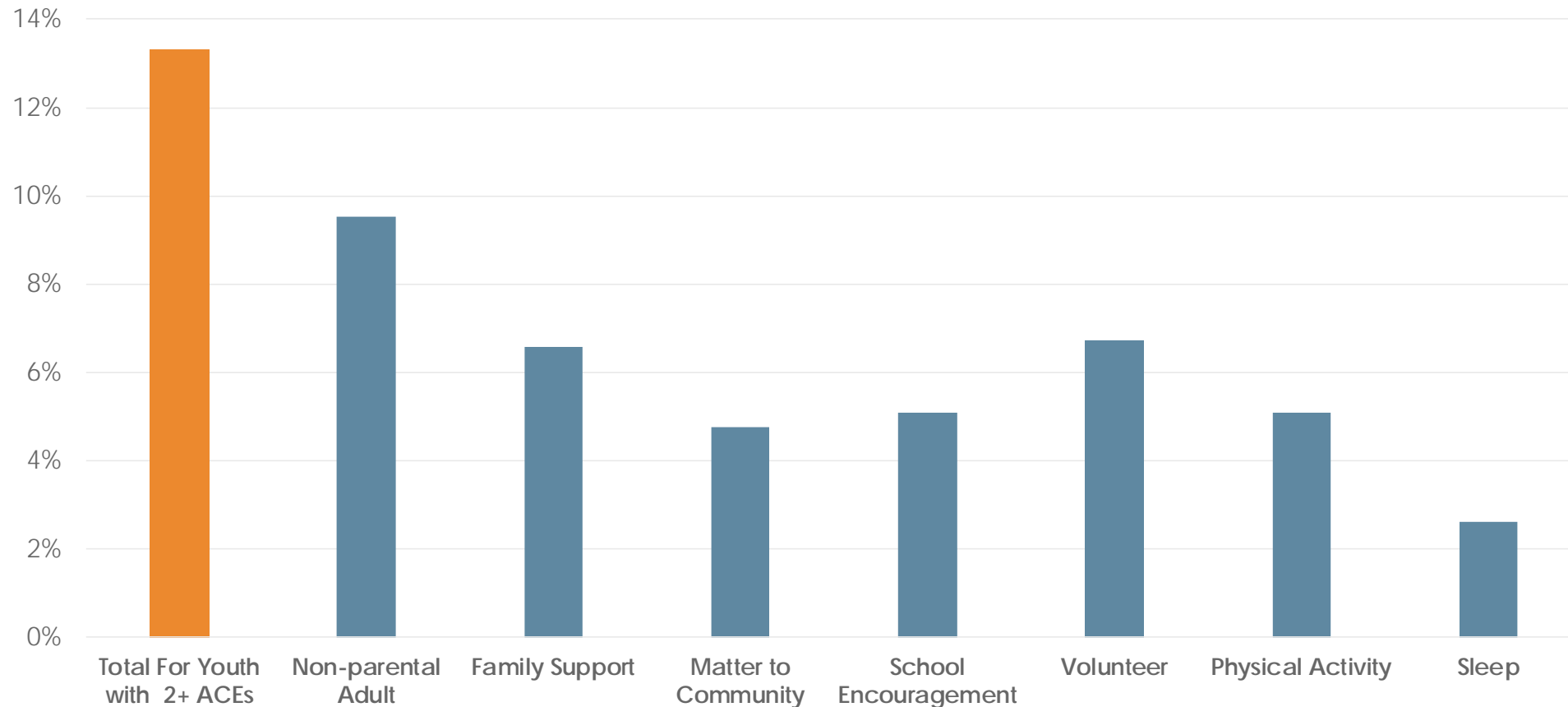


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What's the impact of assets on other health behaviors for youth with 2+ ACEs?

Suicide Attempt

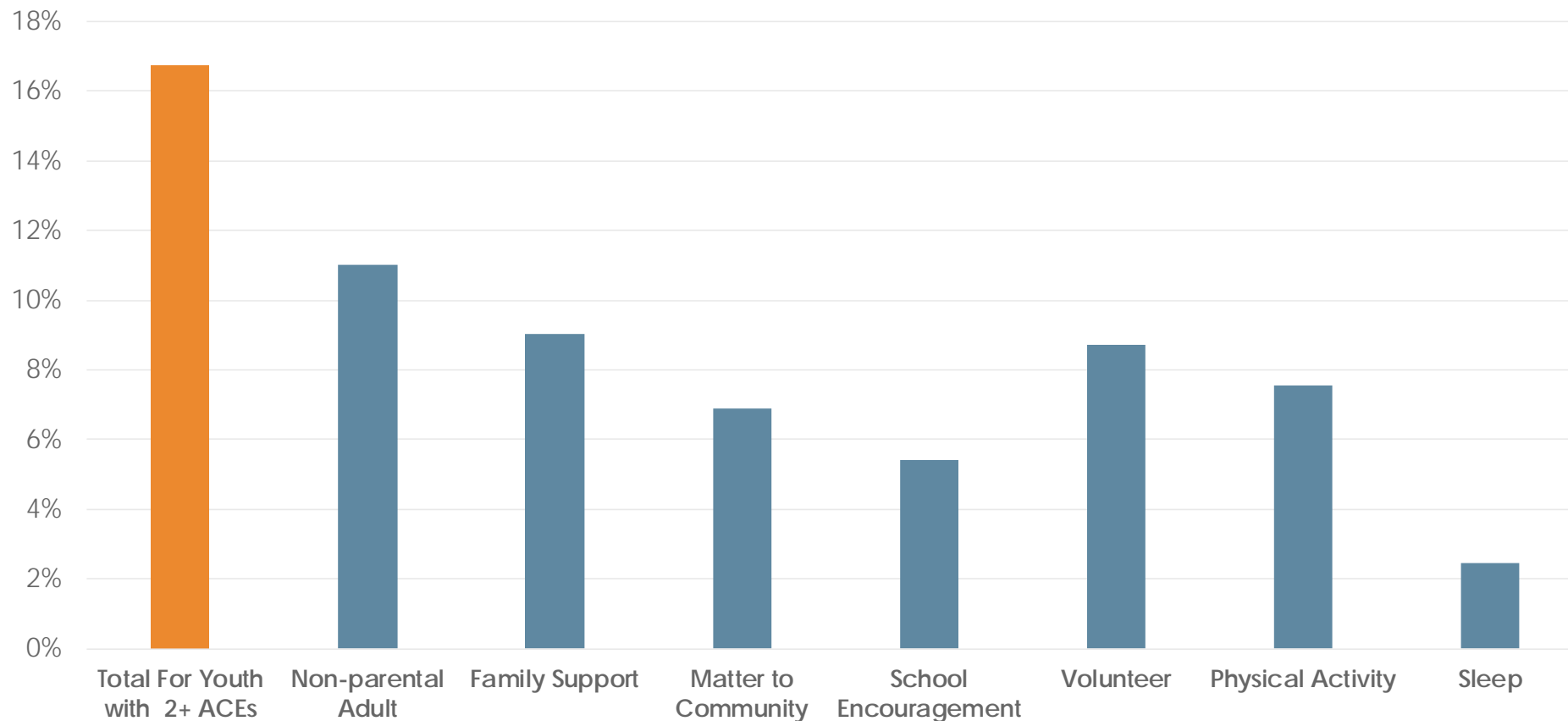


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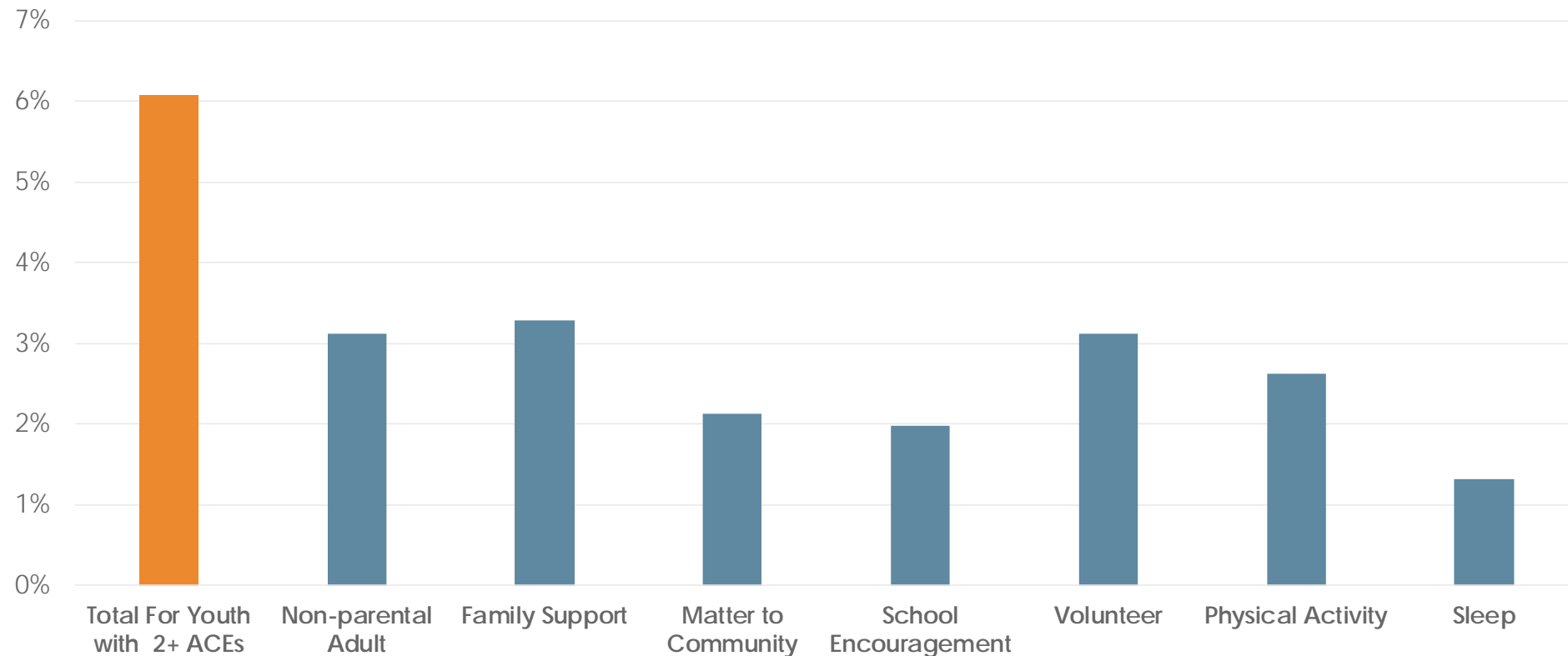
What's the impact of assets on other health behaviors for youth with 2+ ACEs?

Intoxicated at School



What's the impact of assets on other health behaviors for youth with 2+ ACEs?

Carried a Gun



	Non-Parental Adult	Family Support	School Encouragement	Matter to Community	Volunteer	Physical Activity	Sleep
Emotional Difficulties	○	○	X	X	X	X	X
Depression Symptoms	○	○	X	X	X	X	X
Self-Injury	○	X	X	X	○	X	X
Suicide Plan	○	X	X	X	X	X	X
Suicide Attempt	○	X	X	X	X	X	X
Using Alcohol	*13%	○	X	X	○	X	X
Using Marijuana	○	○	X	X	○	X	X
Intoxicated at School	○	○	X	X	○	X	X
Been in a Fight	○	○	X	X	○	○	X
Victim of Harassment at School	○	○	X	X	○	X	X
Carried a Weapon	○	○	X	X	○	X	X
Carried a Gun	X	X	X	X	X	X	X

X = at least 50% reduction

○ = at least 25% reduction



Implications

- What questions are we asking? What questions are we NOT asking?
- How does our interpretation drive intervention?
 - Responding vs. Reacting to behavior
- 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?



Moving to Action

- Collective commitment to continue to collect, monitor and use data
 - Trauma-Informed Care Organizational Self-Assessment
- Increased community awareness
 - Paper Tigers and Resilience
 - School District specific presentations
 - Community presentations
- Increased community investment
 - Nine agency Learning Collaborative
 - School District initiatives



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Thank you!