

# The intergenerational transmission of child maltreatment

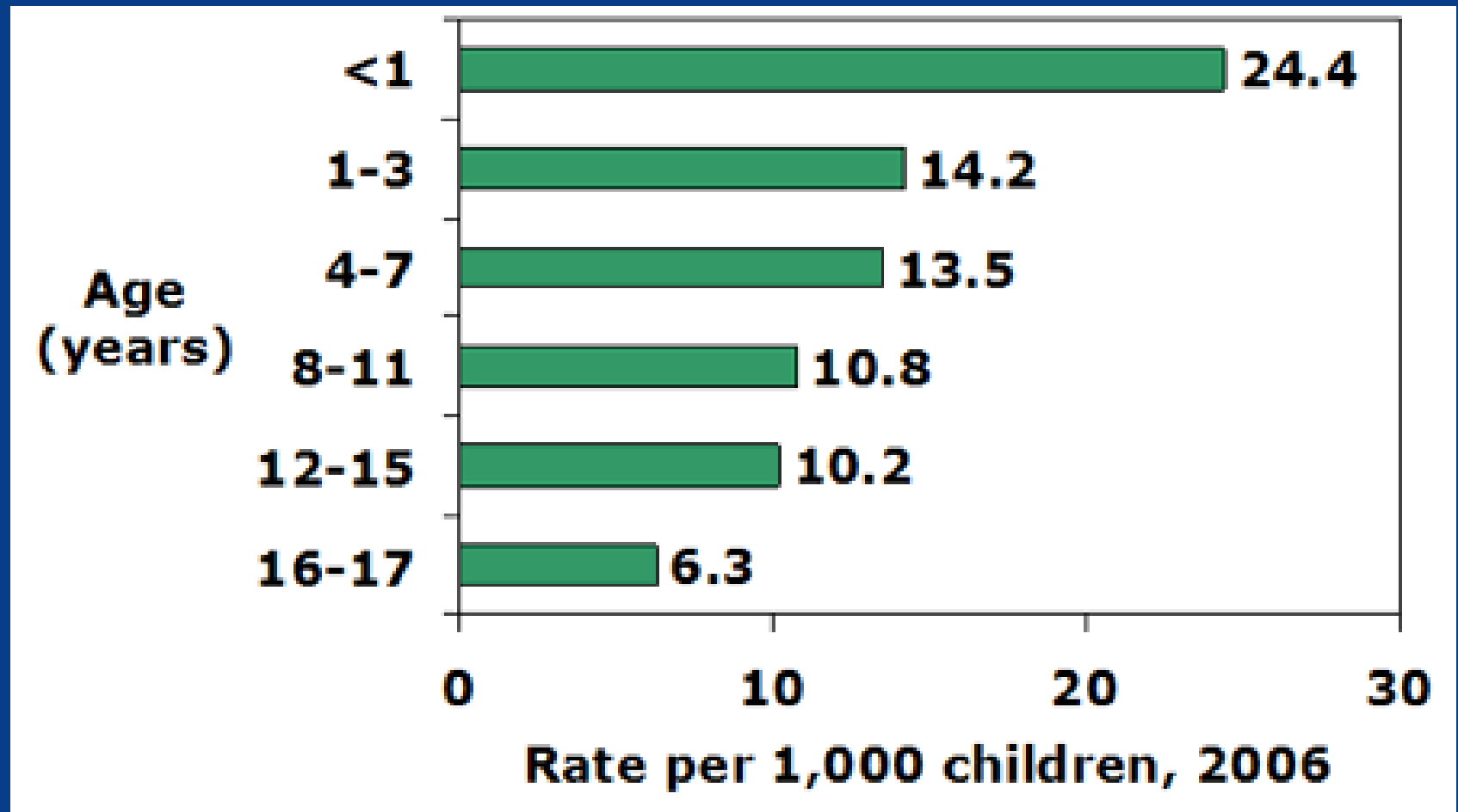
Laura A. McCloskey, Ph.D.

School of Public Health

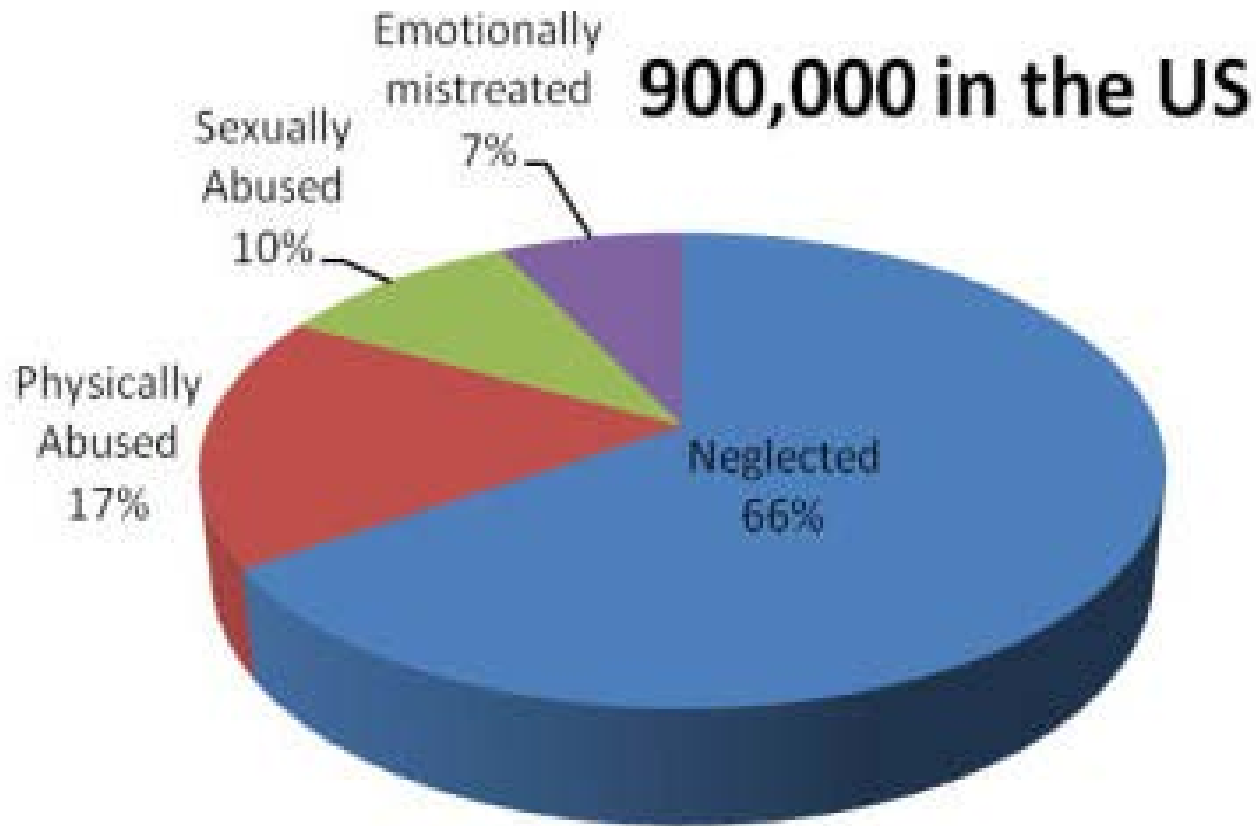
Indiana  iversity

May 4<sup>th</sup>, 2014

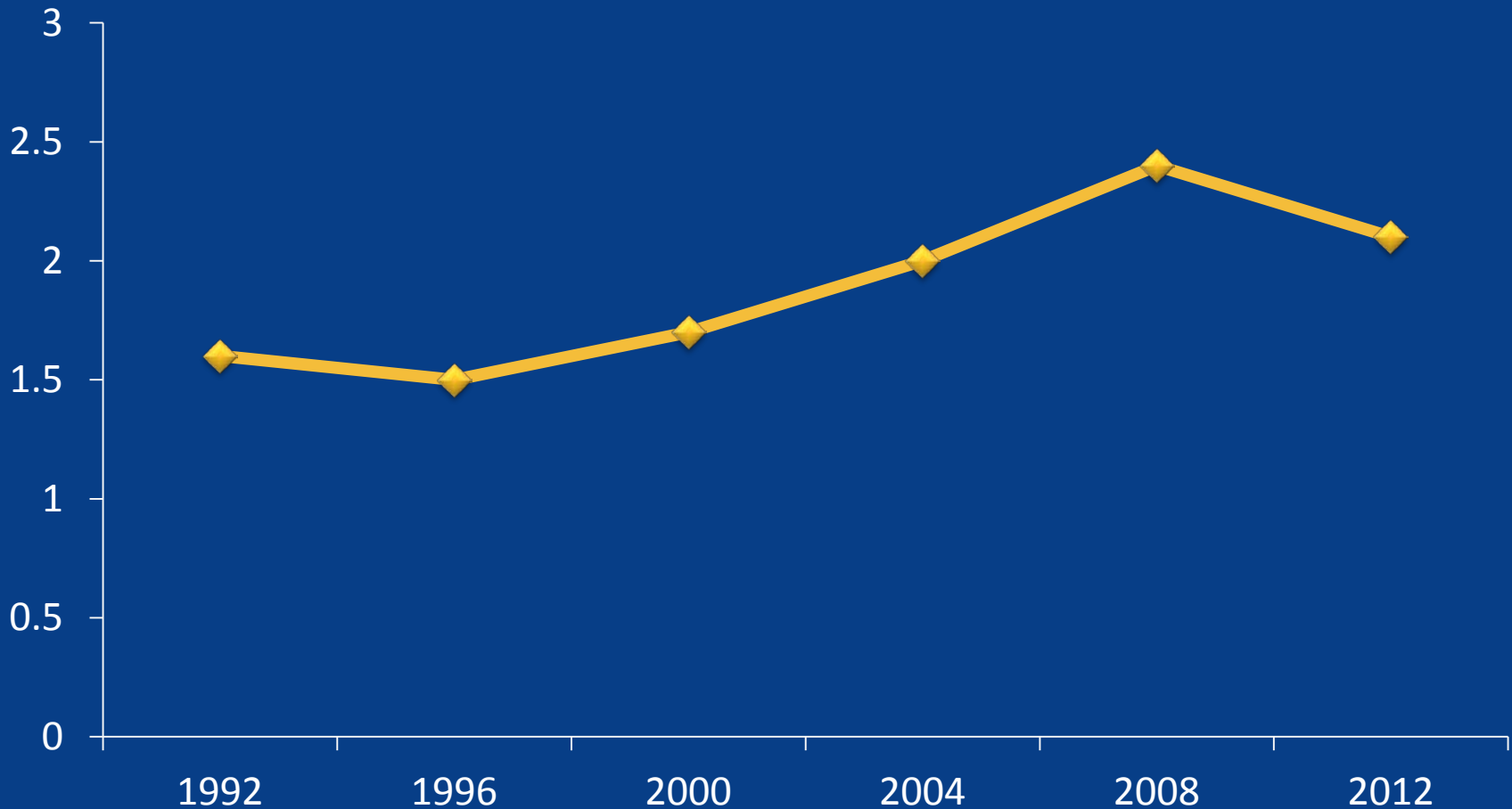
# Rates of child maltreatment by child's age



# Diverse forms of Maltreatment



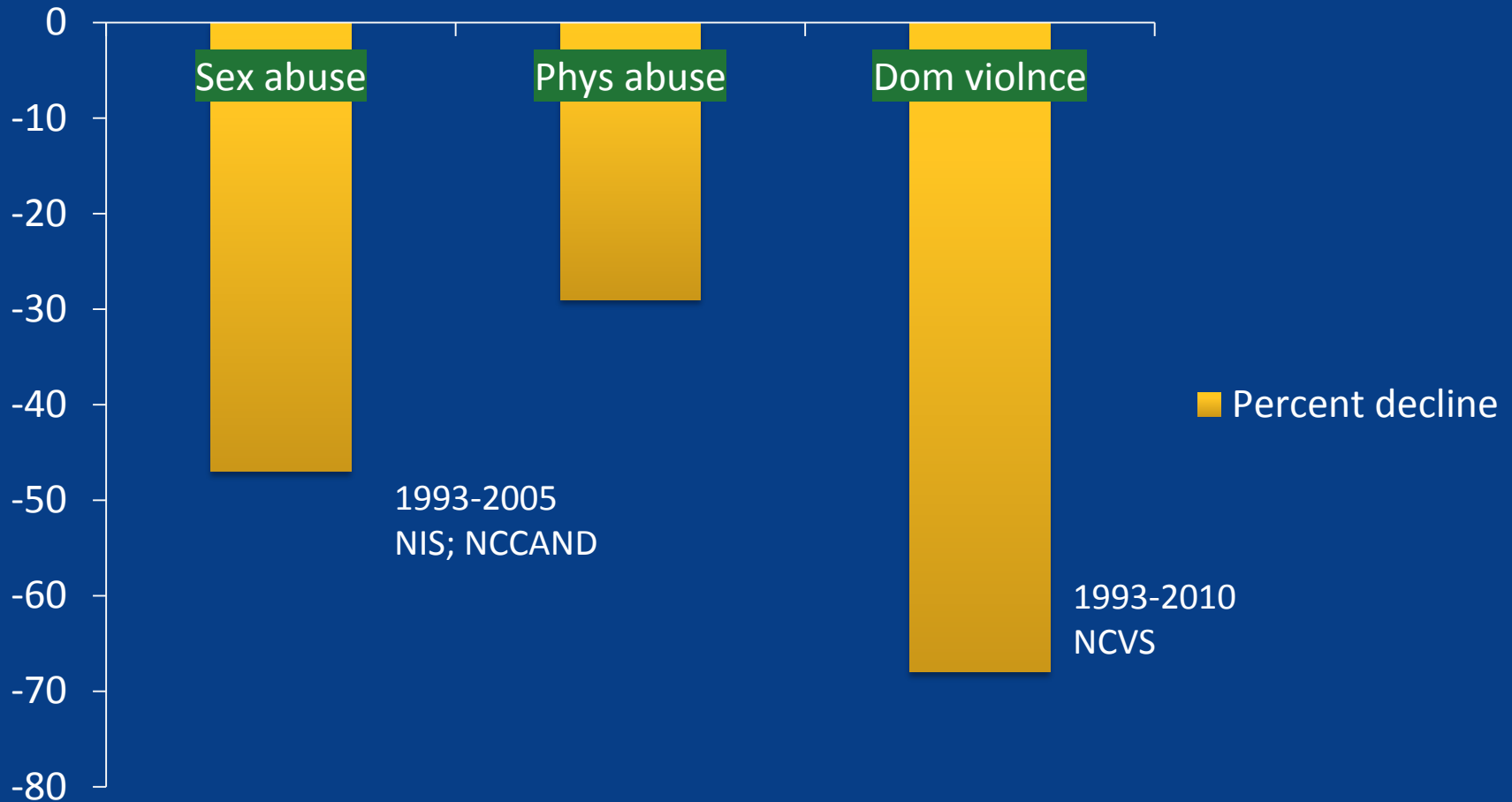
# Incidence of fatal child abuse (per 100,000)



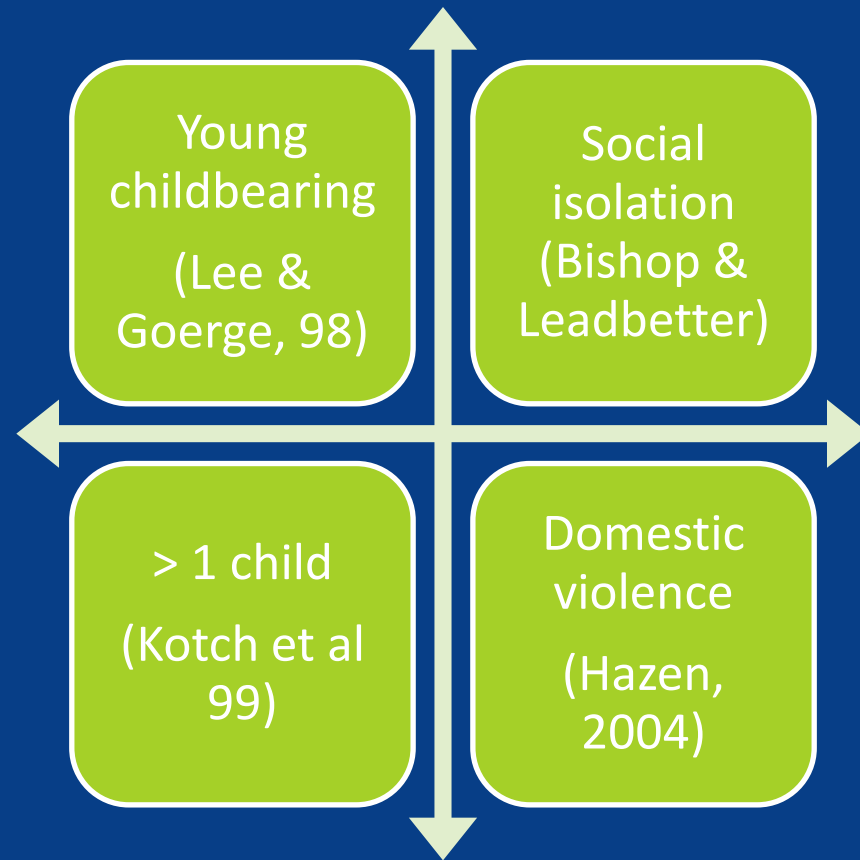
# Child fatalities by ethnic group membership (per 100k)

ETHNICITY or RACE	Rate per 100,000
Asian	.52
White	1.6
Latino	1.69
African American	4.67
Pacific Islander	4.69

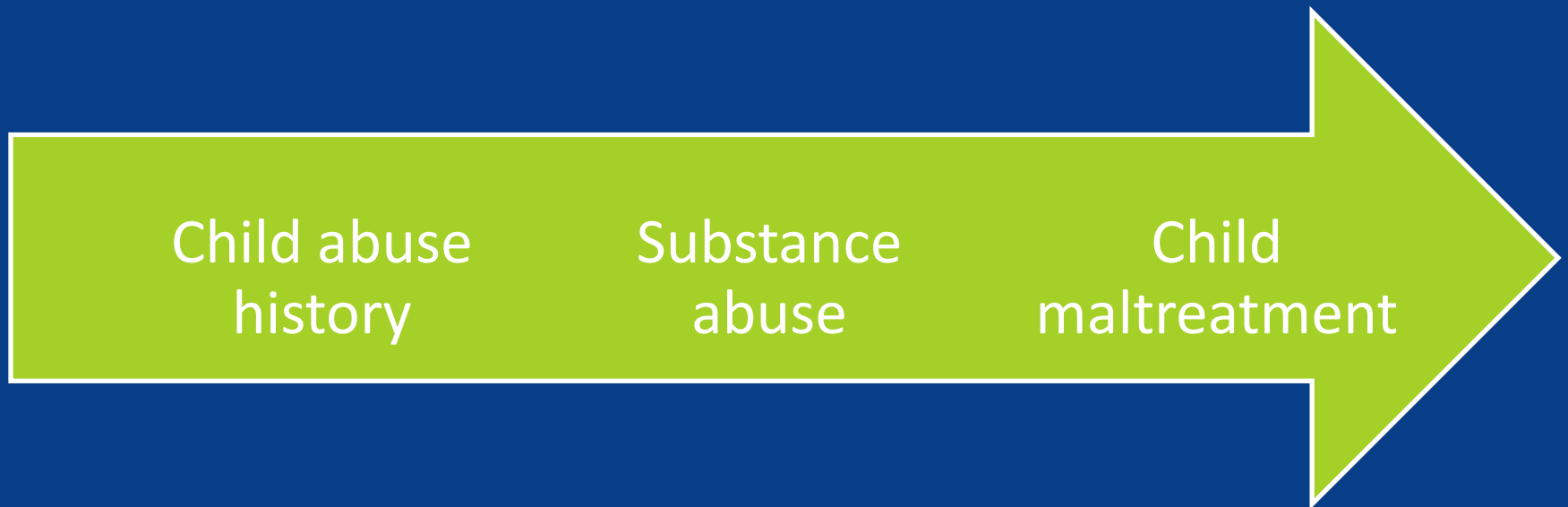
# Decline of maltreatment



# Some risk factors for child maltreatment



# Substance abuse and the Cycle of Abuse



Famolaro et al., 1992, Child abuse and neglect



# Poverty and income inequality both contribute to child maltreatment

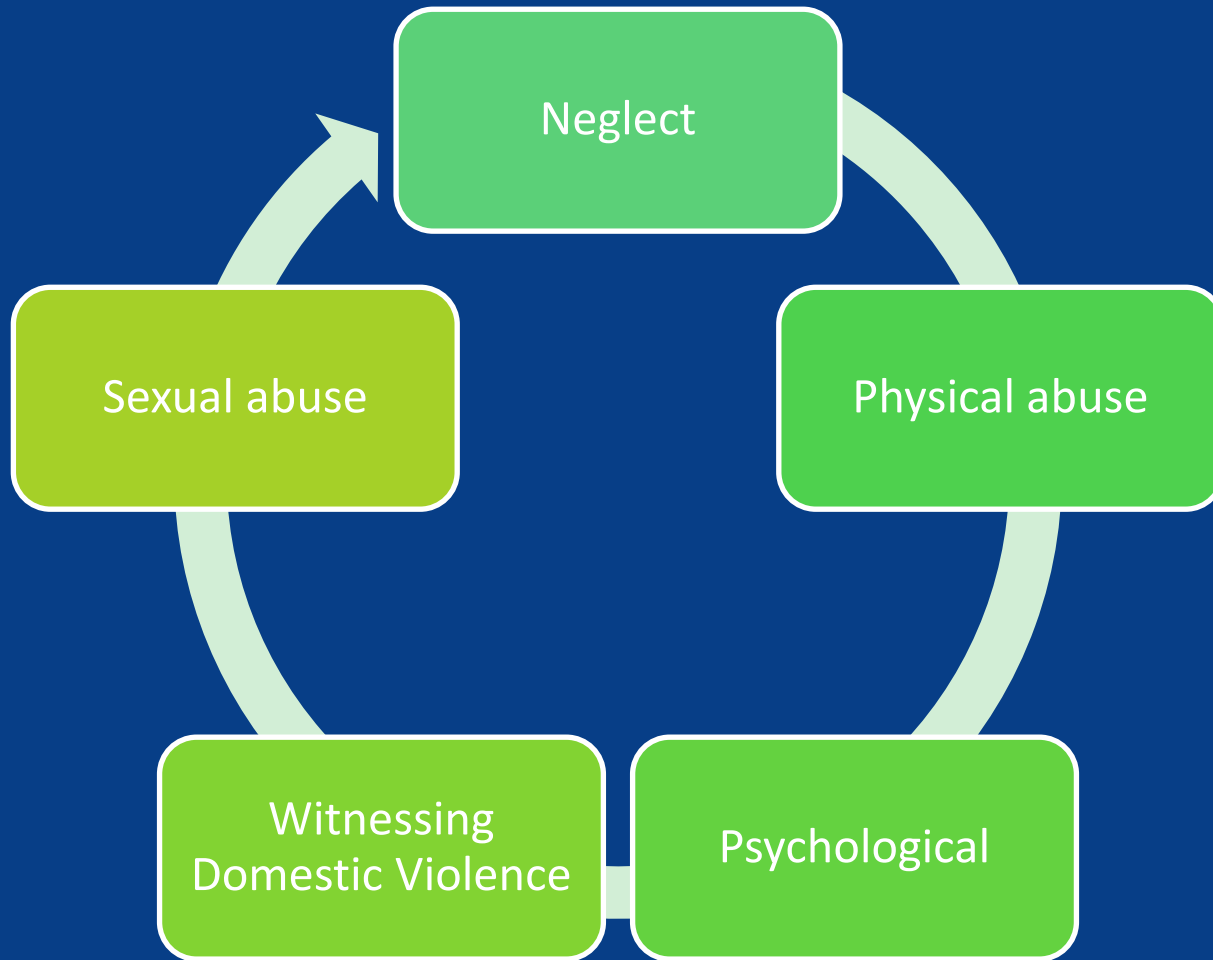
- 3142 US counties nationwide
- Adjusted model showed an effect of *inequality* on child maltreatment rates ( $P < .0001$ ).
- J. Eckenrode et al. (2013) Pediatrics

# Rates of Child Neglect per 1000 by family structure

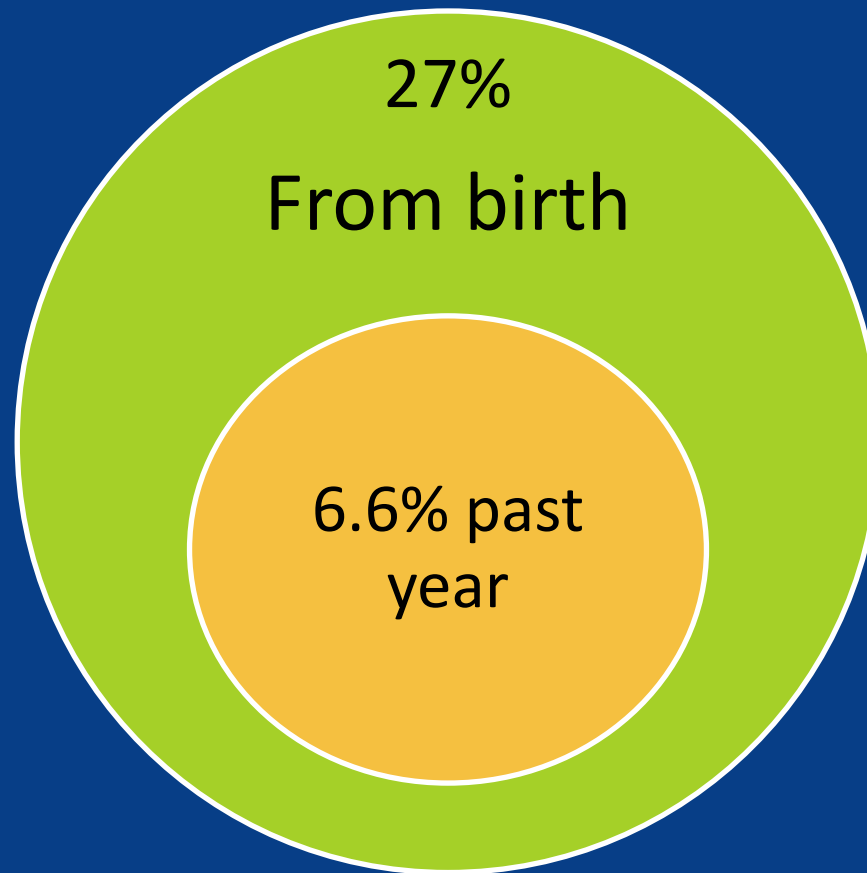


Sedlak, A., et al (2010) Fourth National Incidence Study report to Congress

# The interconnected “cycle” of child abuse and neglect



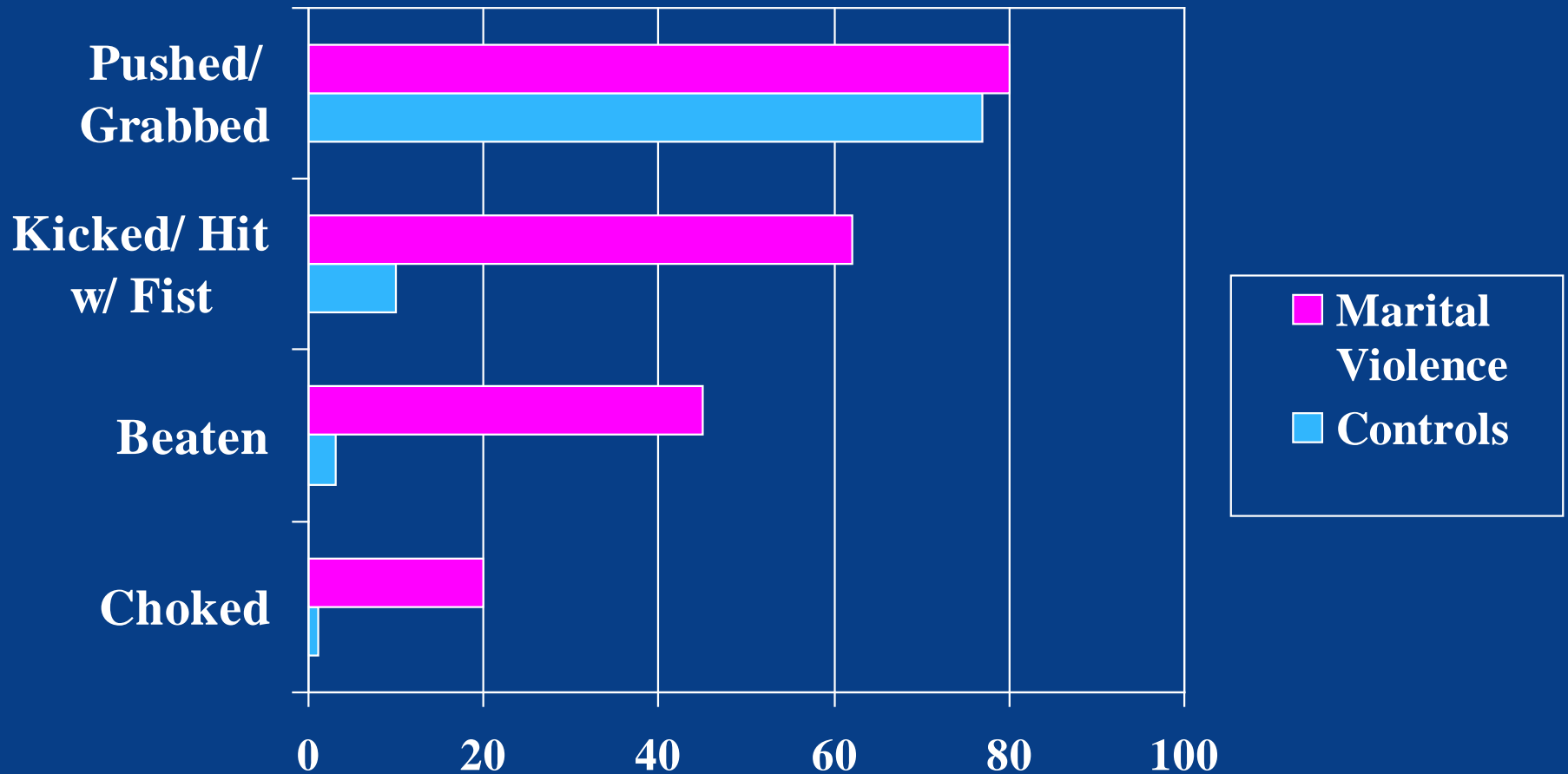
# Co-occurrence of child maltreatment with witnessing domestic violence



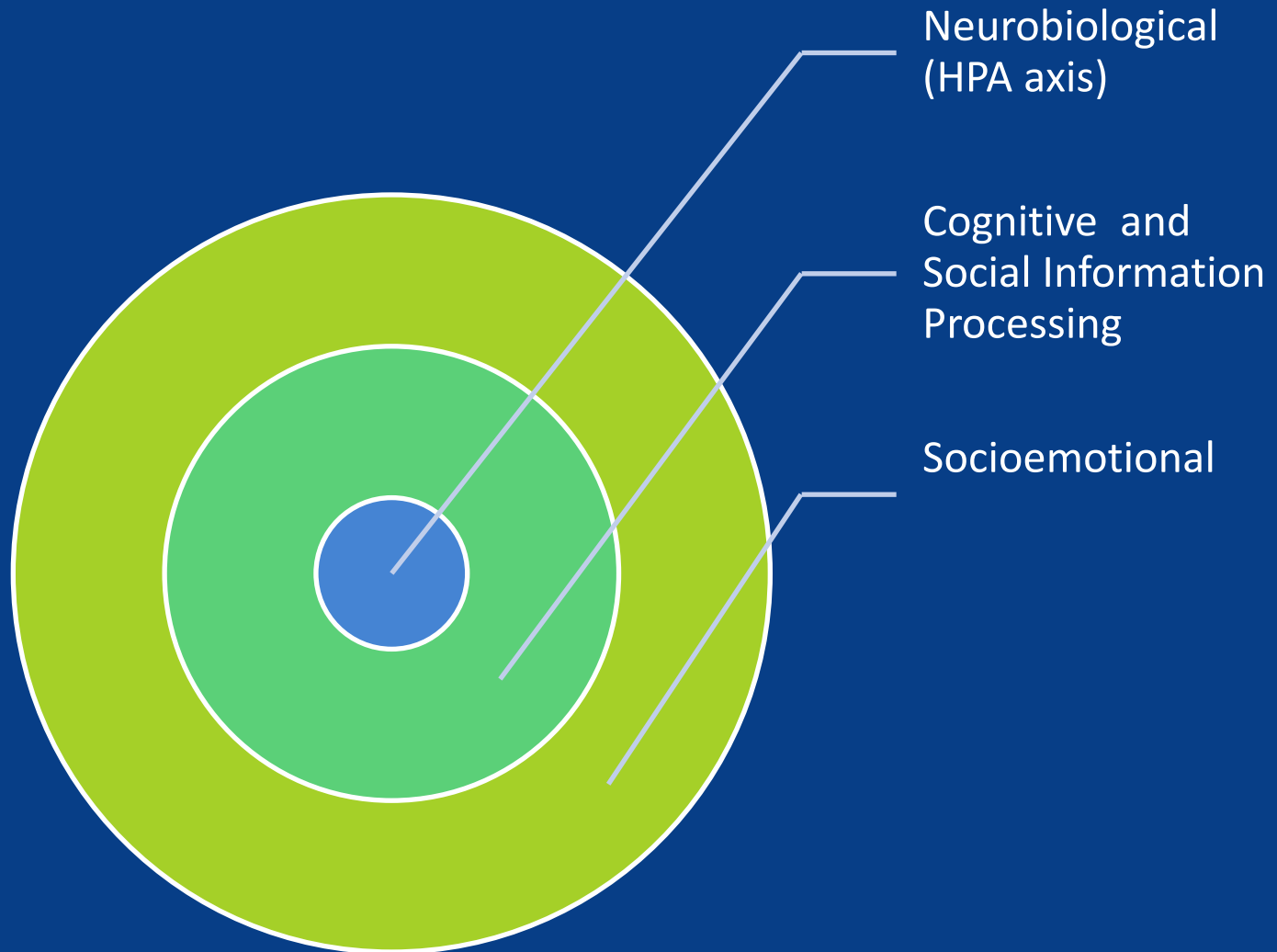
# Further studies corroborate link between child maltreatment and domestic violence

STUDY	Type (N)	Estimate of percent both
Finkelhor (2009)	Population-based phone survey (N=4549)	27% from birth (14-17)
Edleson (1999)	Cumulative review	41%
Hazen et al. (2004)	Population-based survey	33%
McCloskey et al (2001)	Convenience high-risk sample (N=363)	40% (paternal abuse)
Hamby S (2010)	Population-based survey	33.9%

# Proportion receiving physical abuse at least once from father (or mother's partner)



# Layers of influence in child maltreatment



# Adverse Child Experiences (ACES)

## Abuse

Emotional

Physical

Sexual

## Neglect

Emotional

Physical

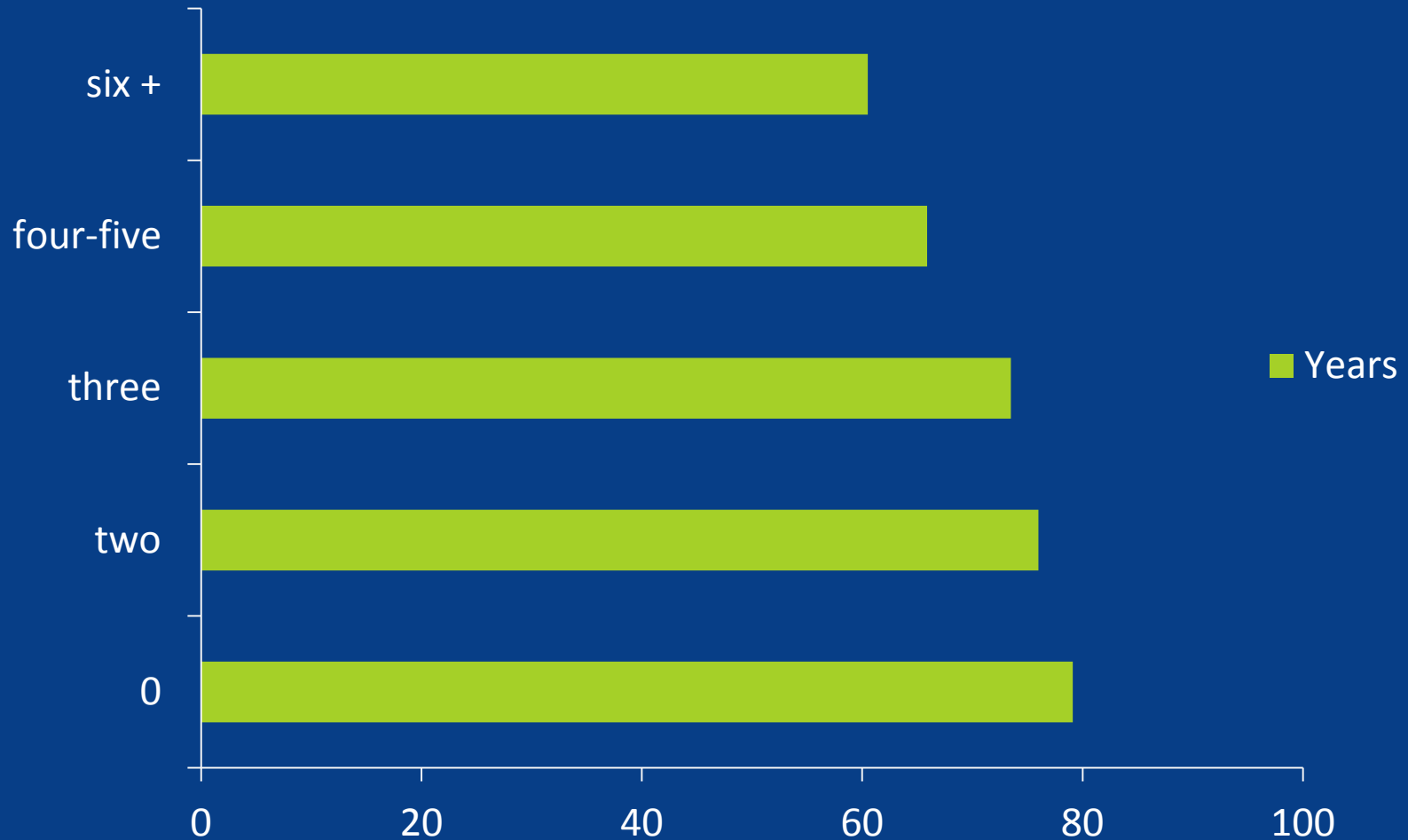
## Grow up with

Domestic violence  
Substance abuse

Divorce or crime



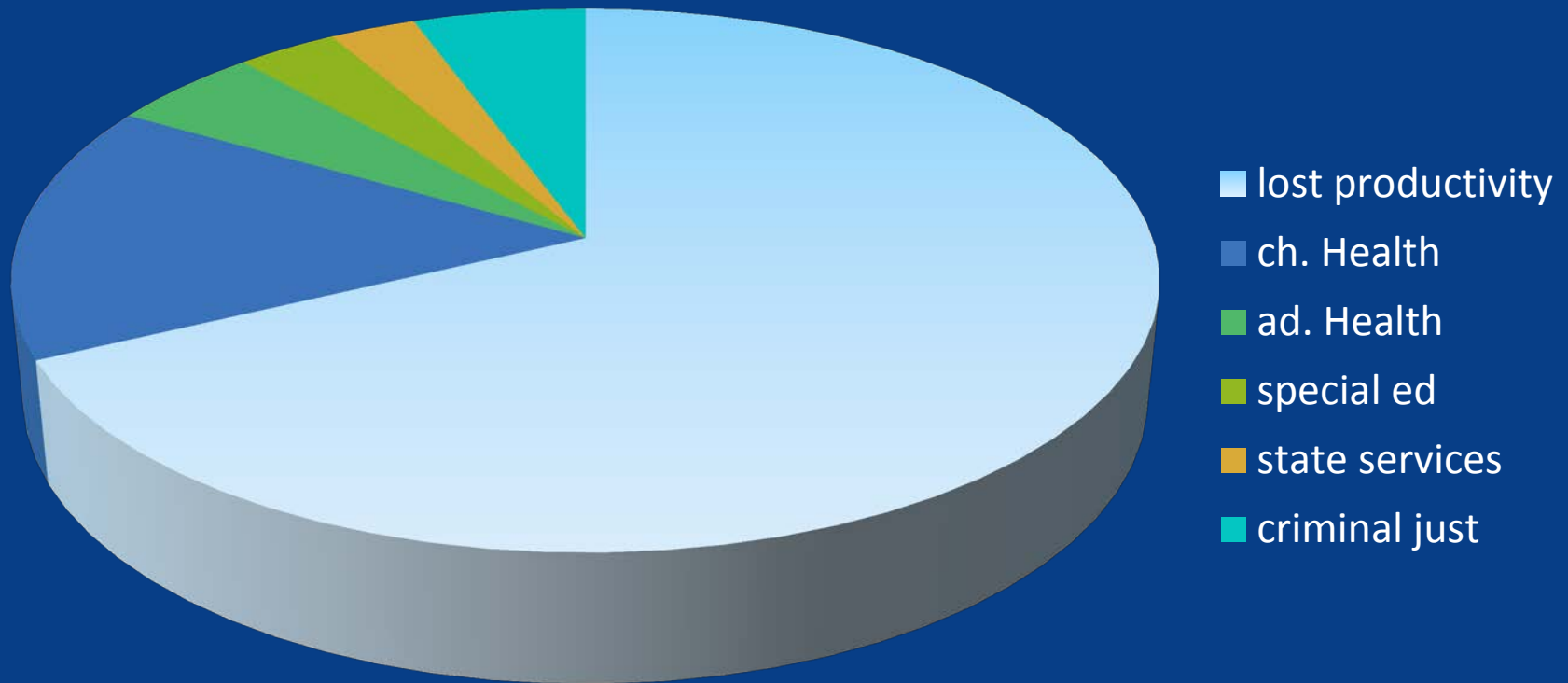
# Average life expectancy for adults exposed to child maltreatment and adversity (ACEs)



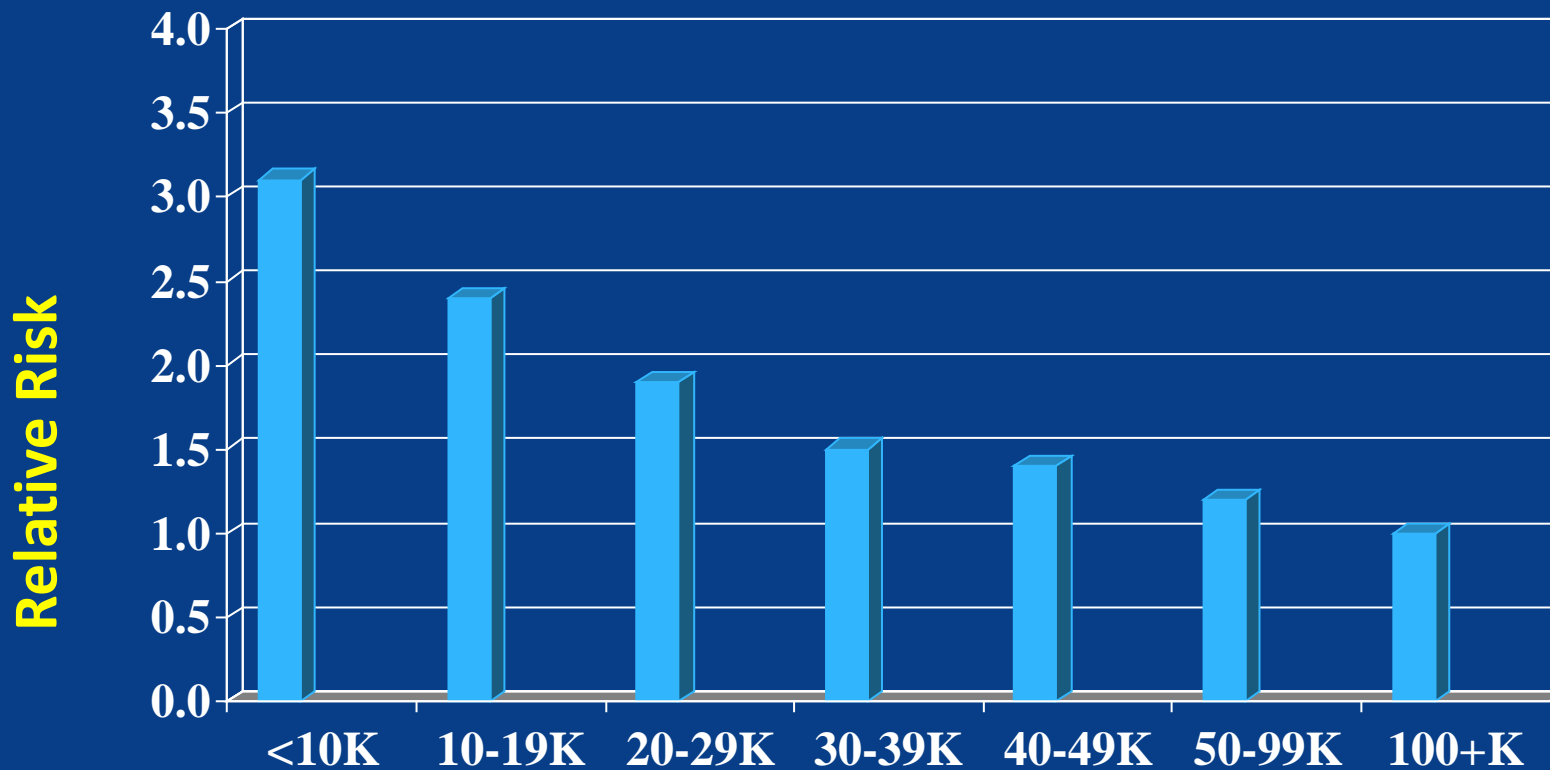
Brown et al., 2009, American Journal of Preventive Medicine

# The distribution of costs of maltreatment to the individual across the lifecycle

Total costs per individual=\$210,012.

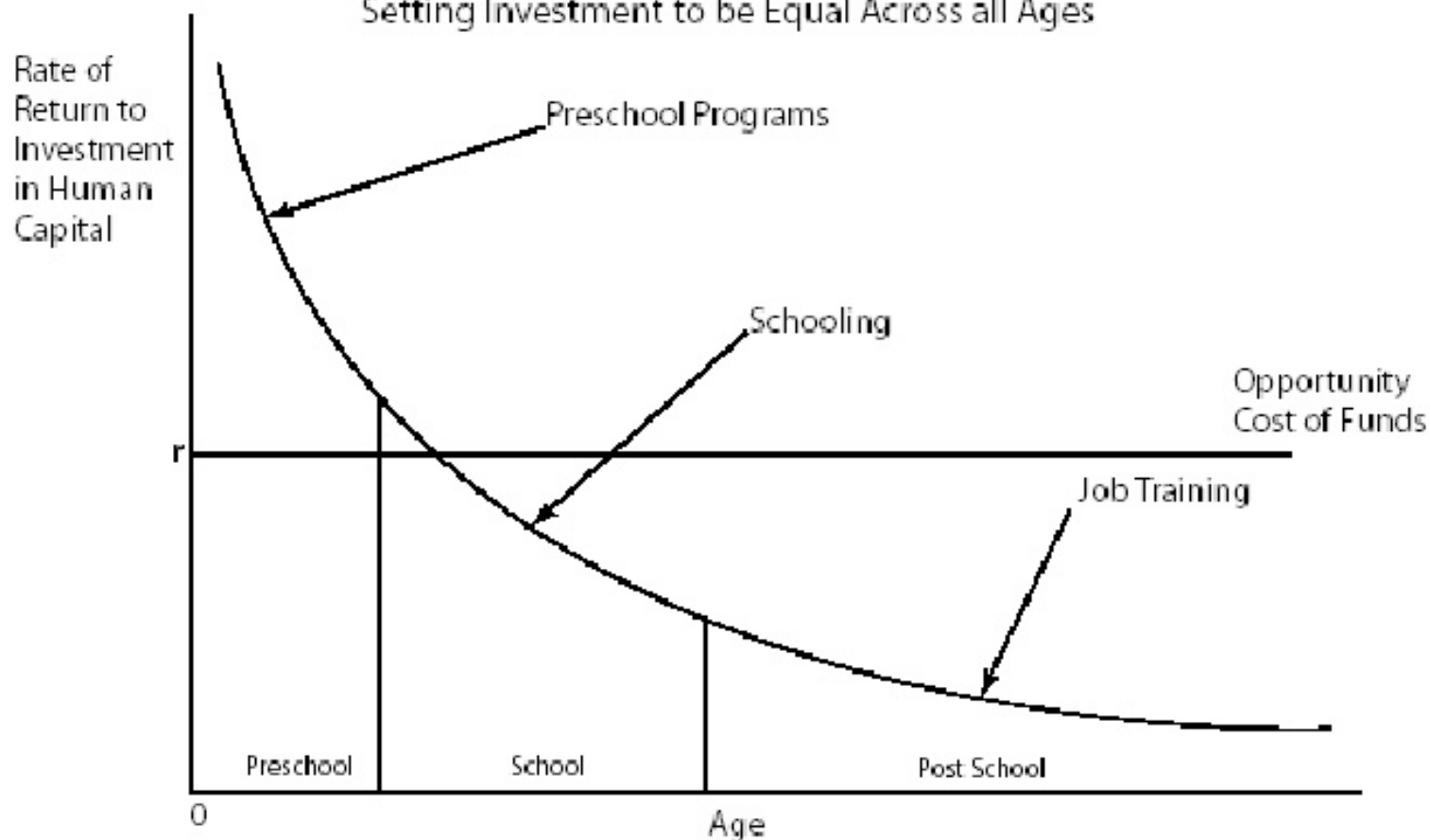


# Relative Risk of Premature Death by Family Income (U.S.)



**Family Income in 1980 (adjusted to 1999 dollars)**

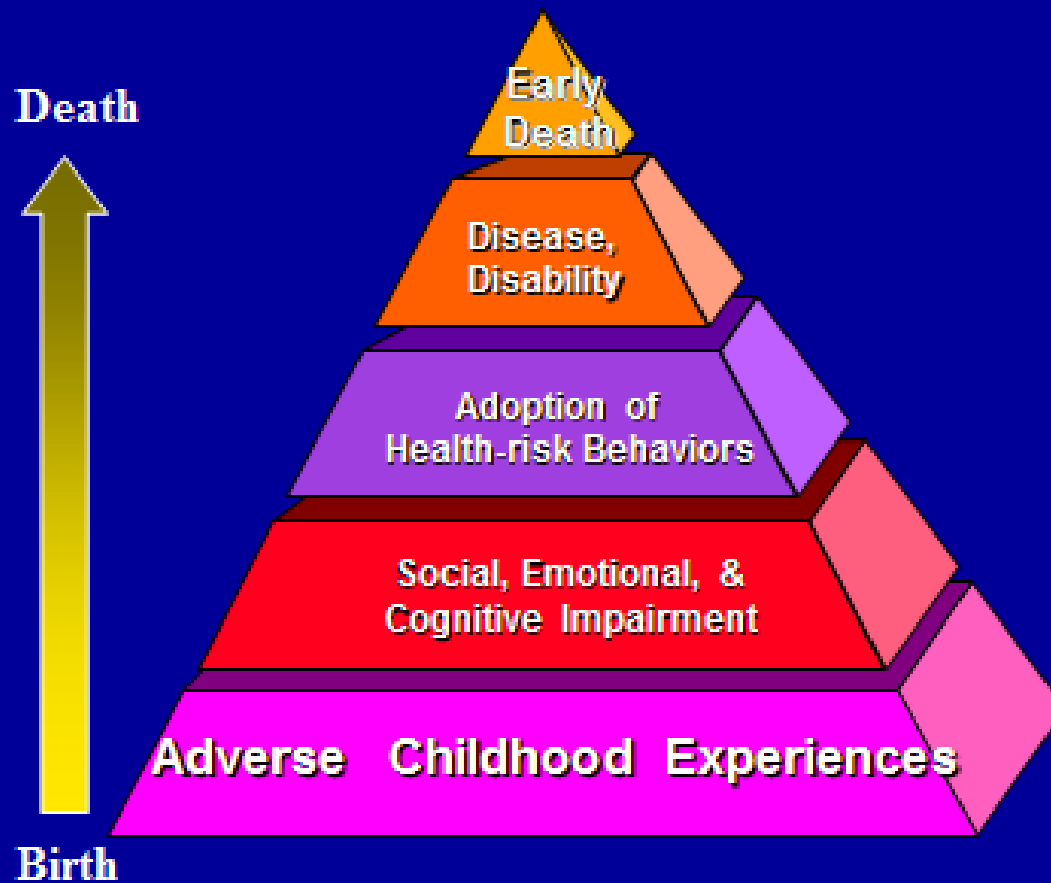
Figure 6-1  
Rates of Return to Human Capital Investment Initially  
Setting Investment to be Equal Across all Ages



Rates of Return to Human Capital Investment Initially Setting Investment to be Equal Across all Ages

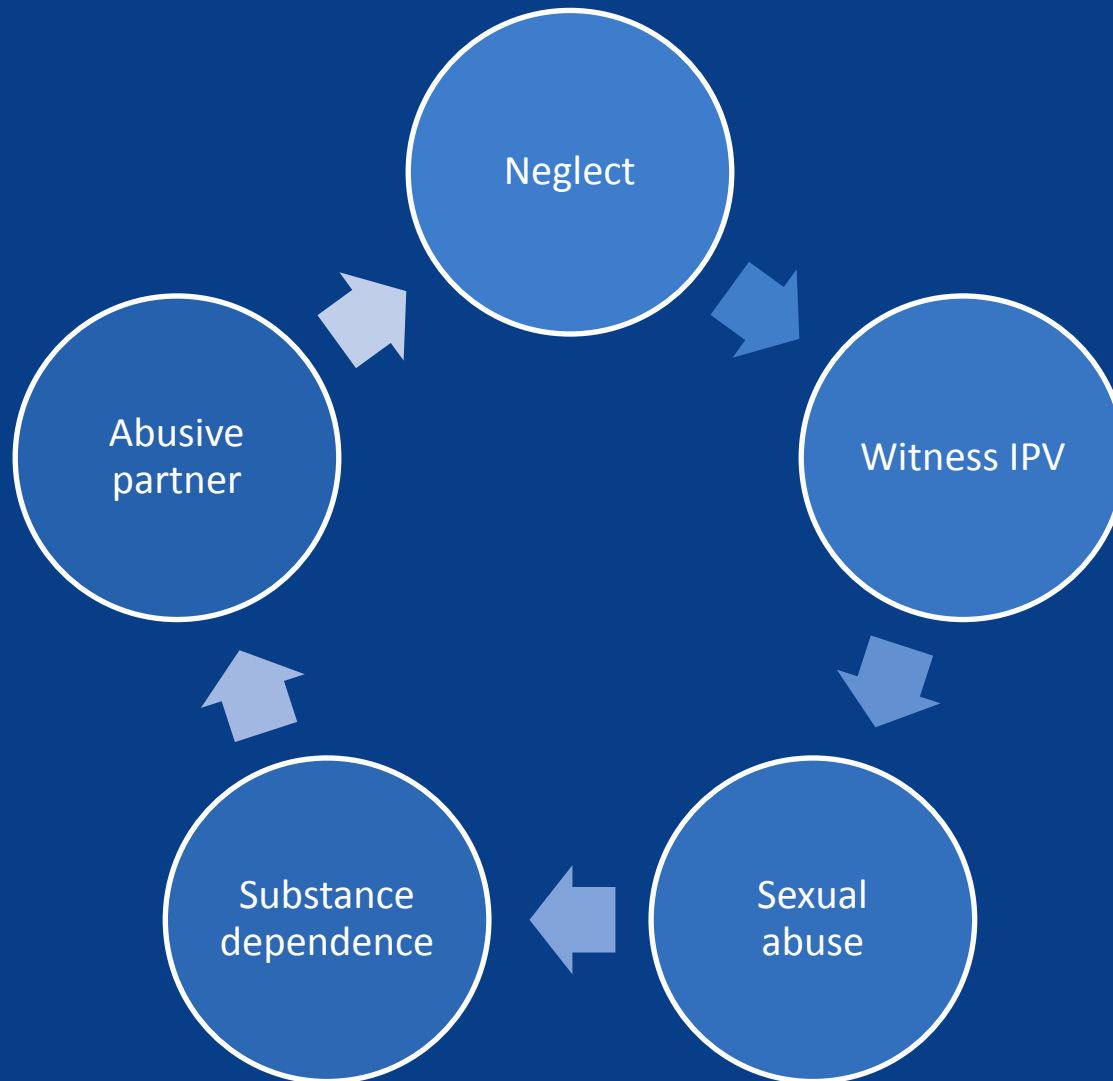
# ACES: Effects on long-term health

## The Influence of Adverse Childhood Experiences Throughout Life

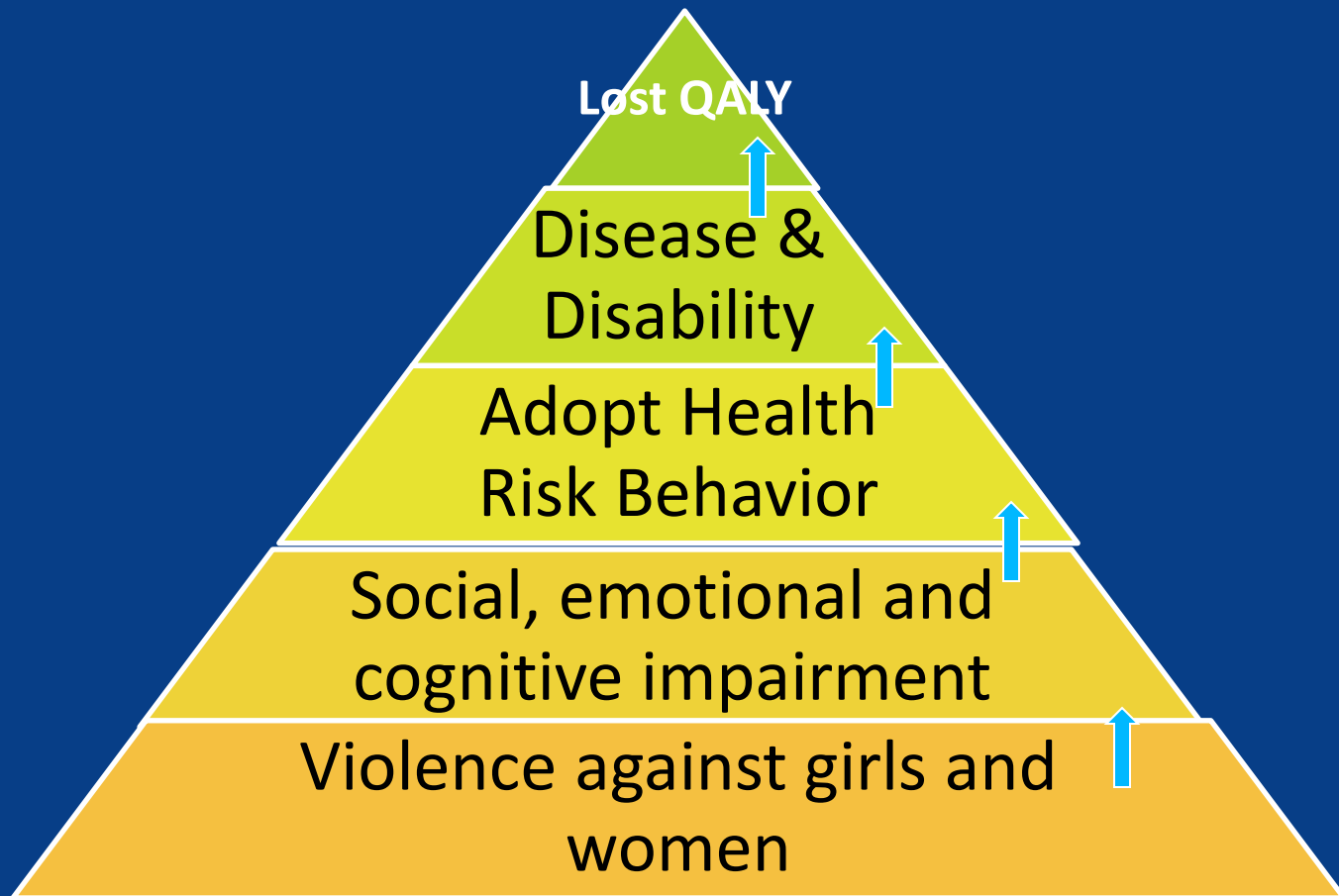


- R.F. Anda, V.J. Felitti

# Gender and the cycle of abuse



# THE EFFECTS OF GENDER-BASED VIOLENCE ACROSS THE LIFECOURSE

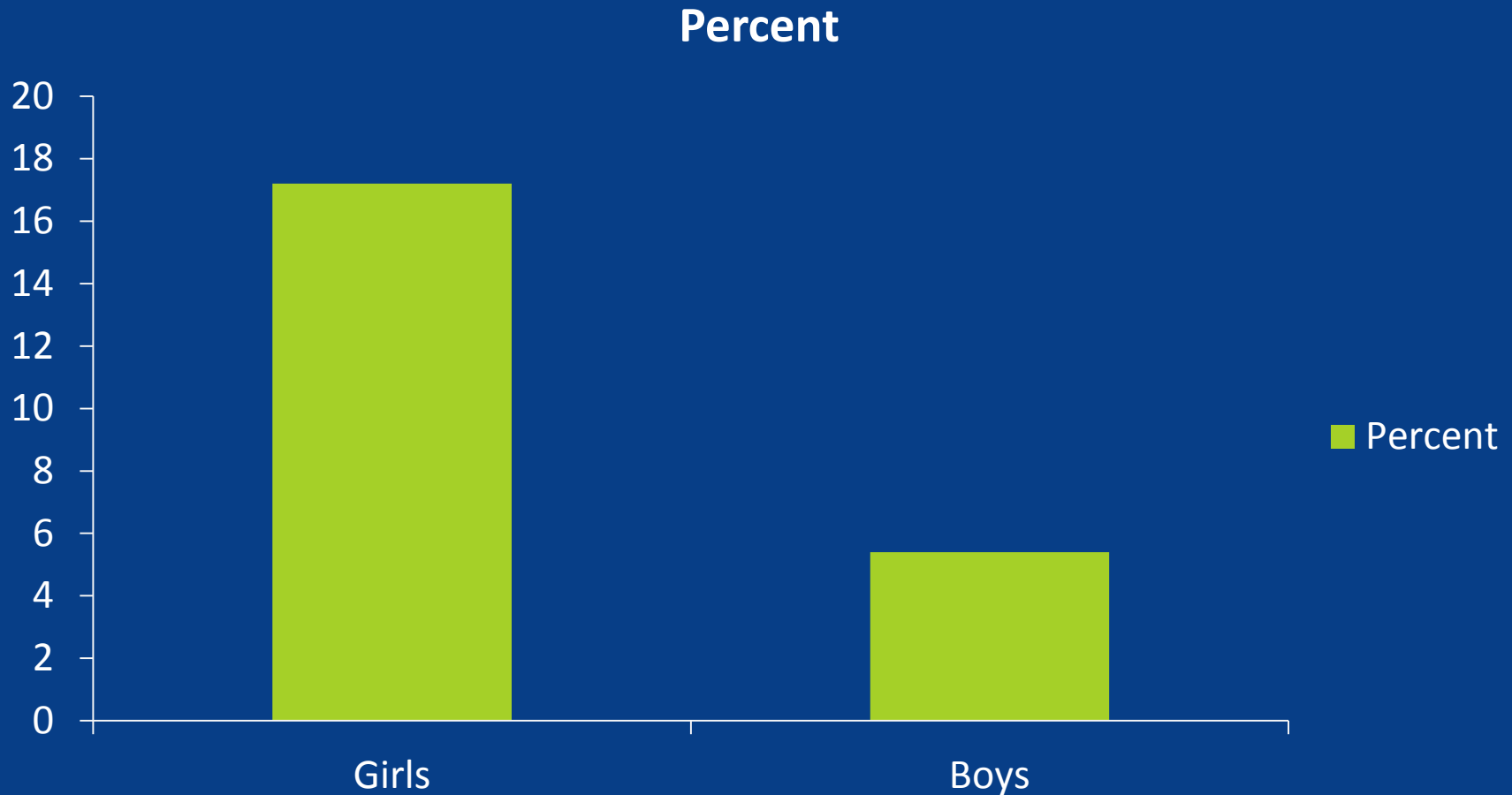




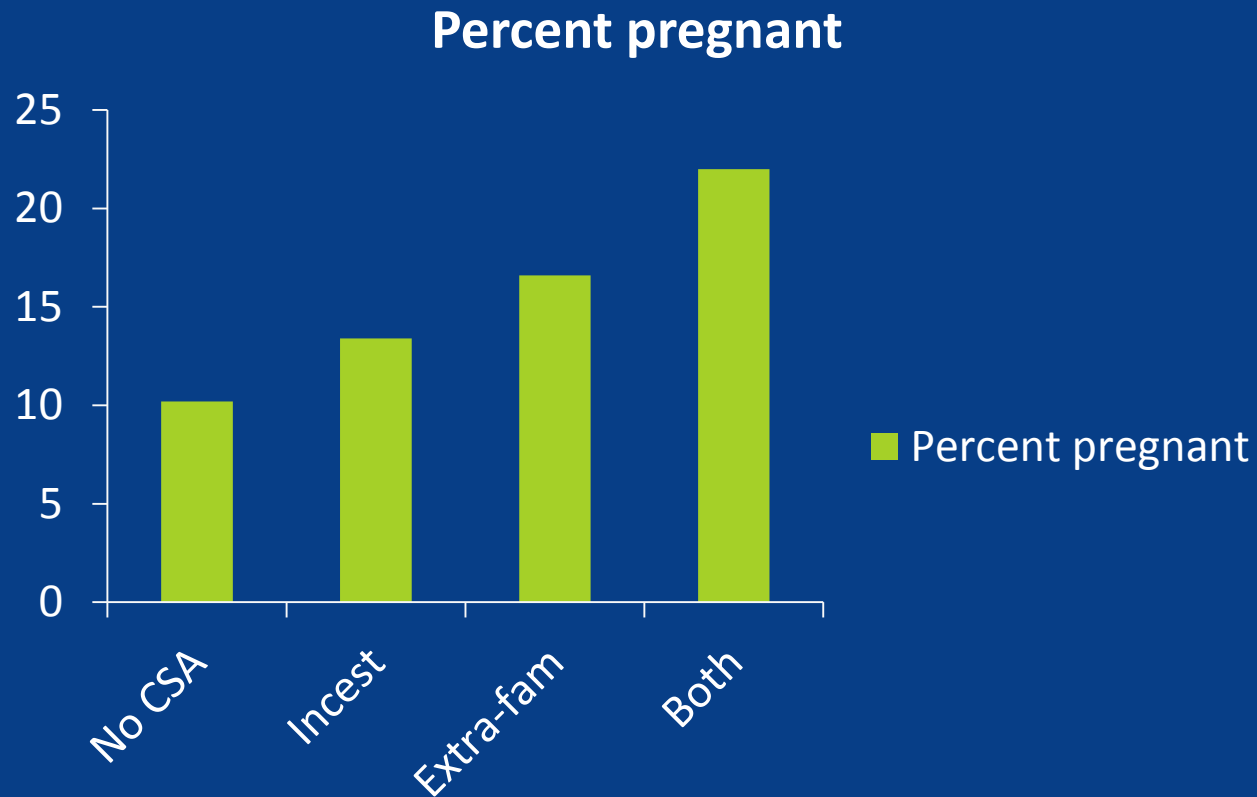
*Donna Ferrato, Philadelphia, PA*



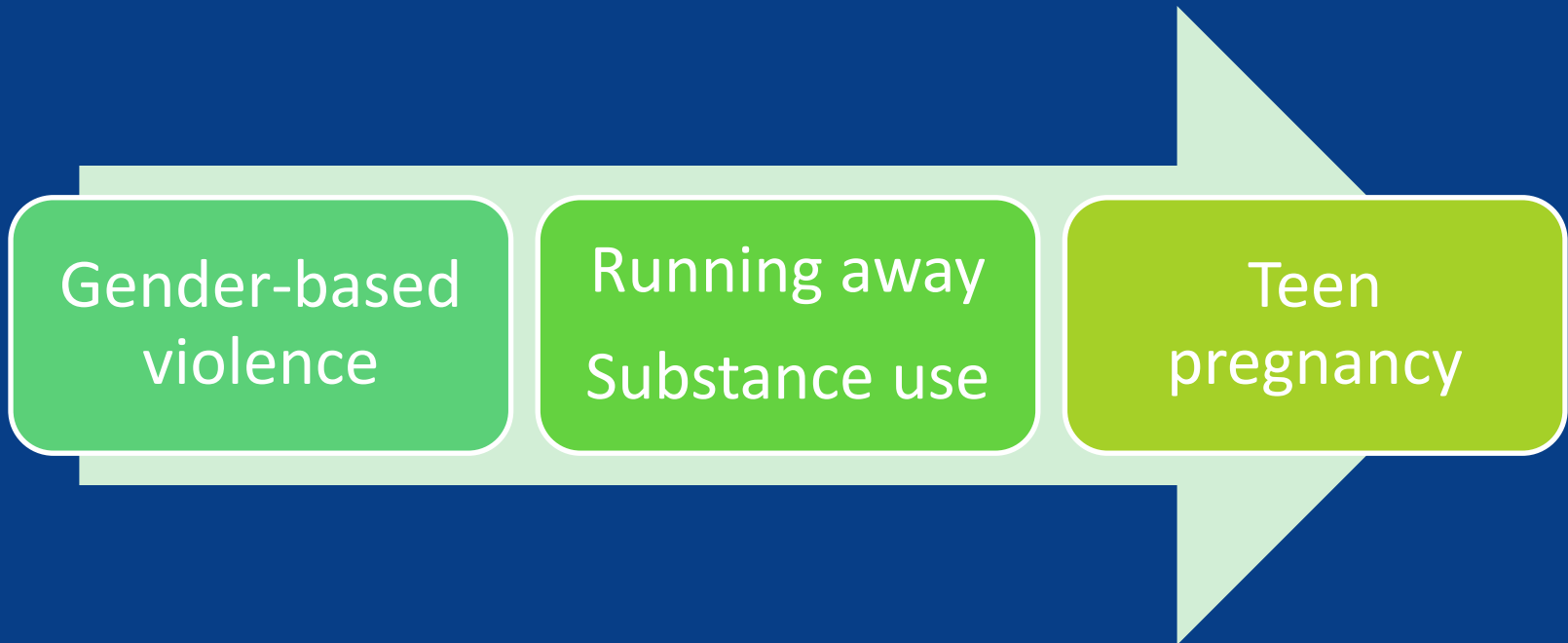
# Sexual abuse victimization



# Percent of girls with sexual abuse histories ever pregnant

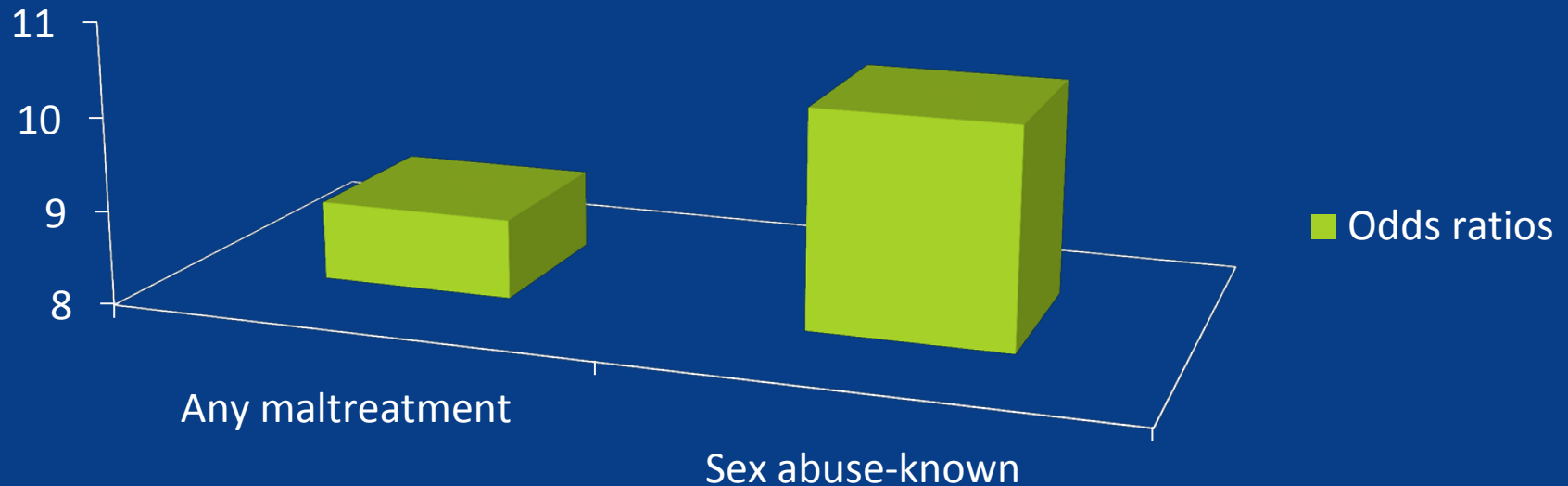


# Exposure to gender-based abuse results in risk for parenting failures



# Polyvictimization

Odds of child abuse if witnessed domestic violence



Hamby et al., 2010 *Child abuse and neglect*

# Percent of girls sexually abused before the age of 12 by group

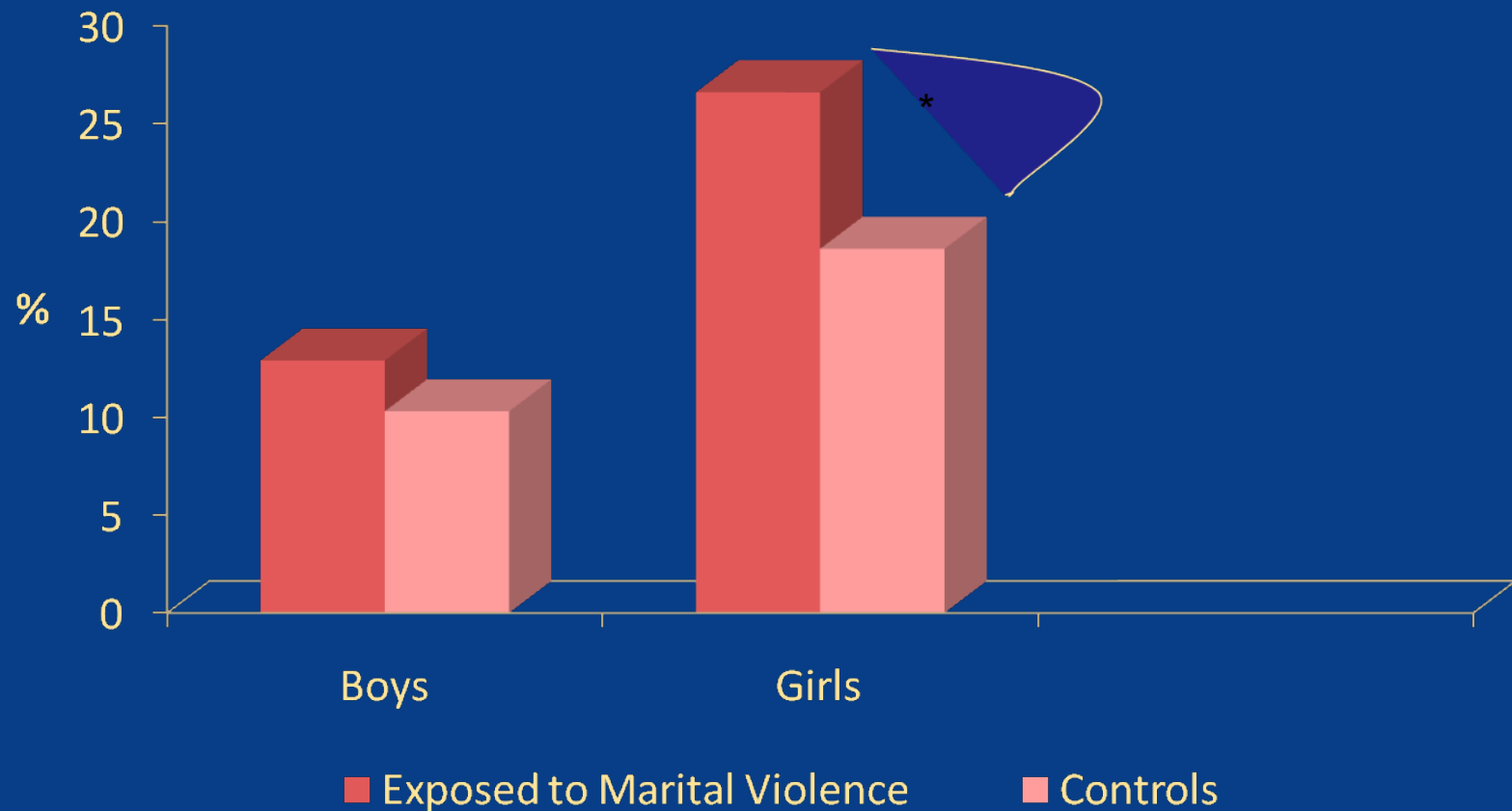


# Dating Violence Items

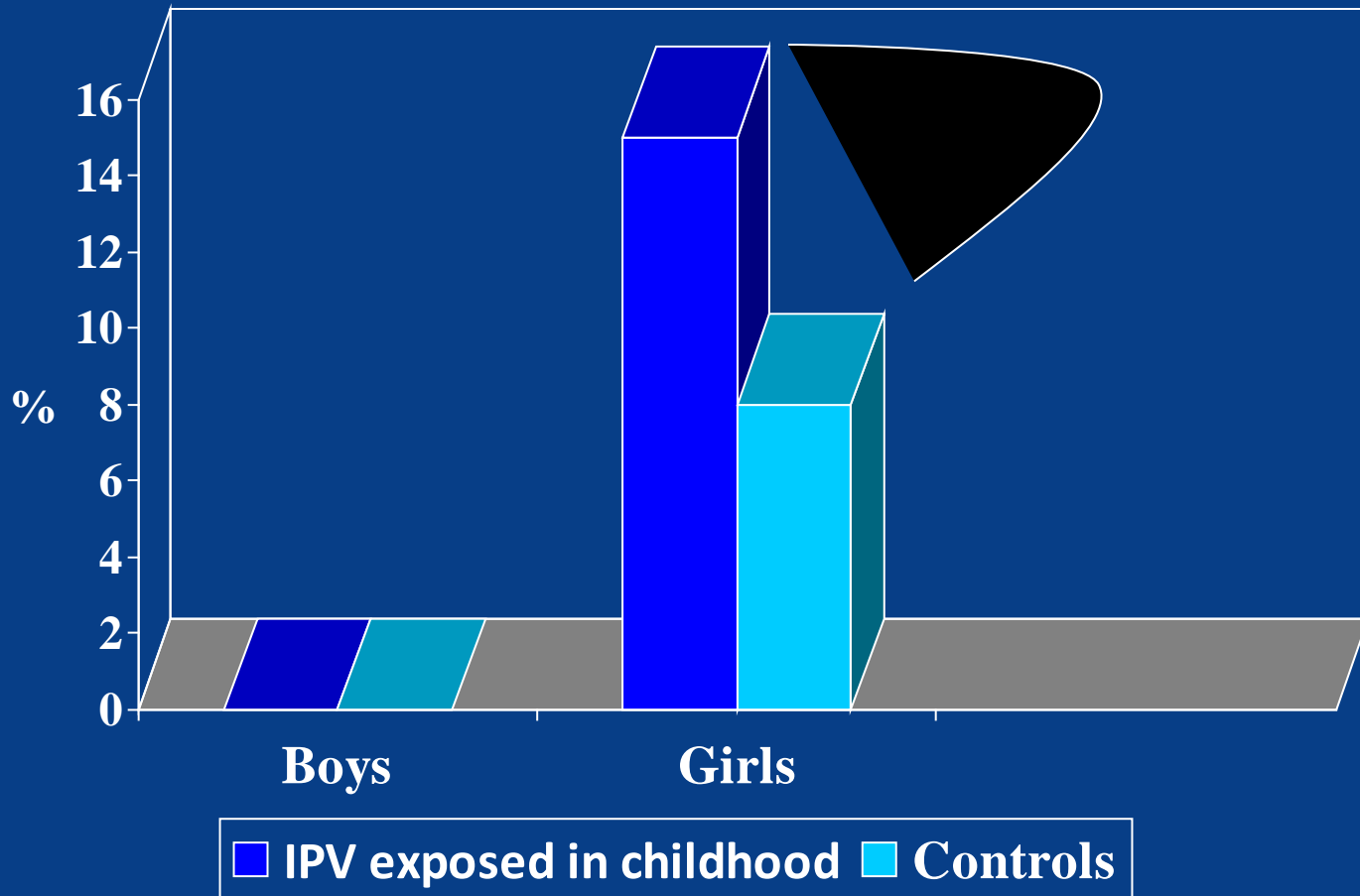
(Adapted from the Conflict Tactics Scale (Straus, 1979))

- Forced you to have sex
- Hit or kicked something in front of her/him
- Threw object at her/him
- Hit or kicked something in front of you
- Pushed/grabbed
- Slapped you

# Receipt of at least One Form of Dating Violence within the Past Year: Self-reports

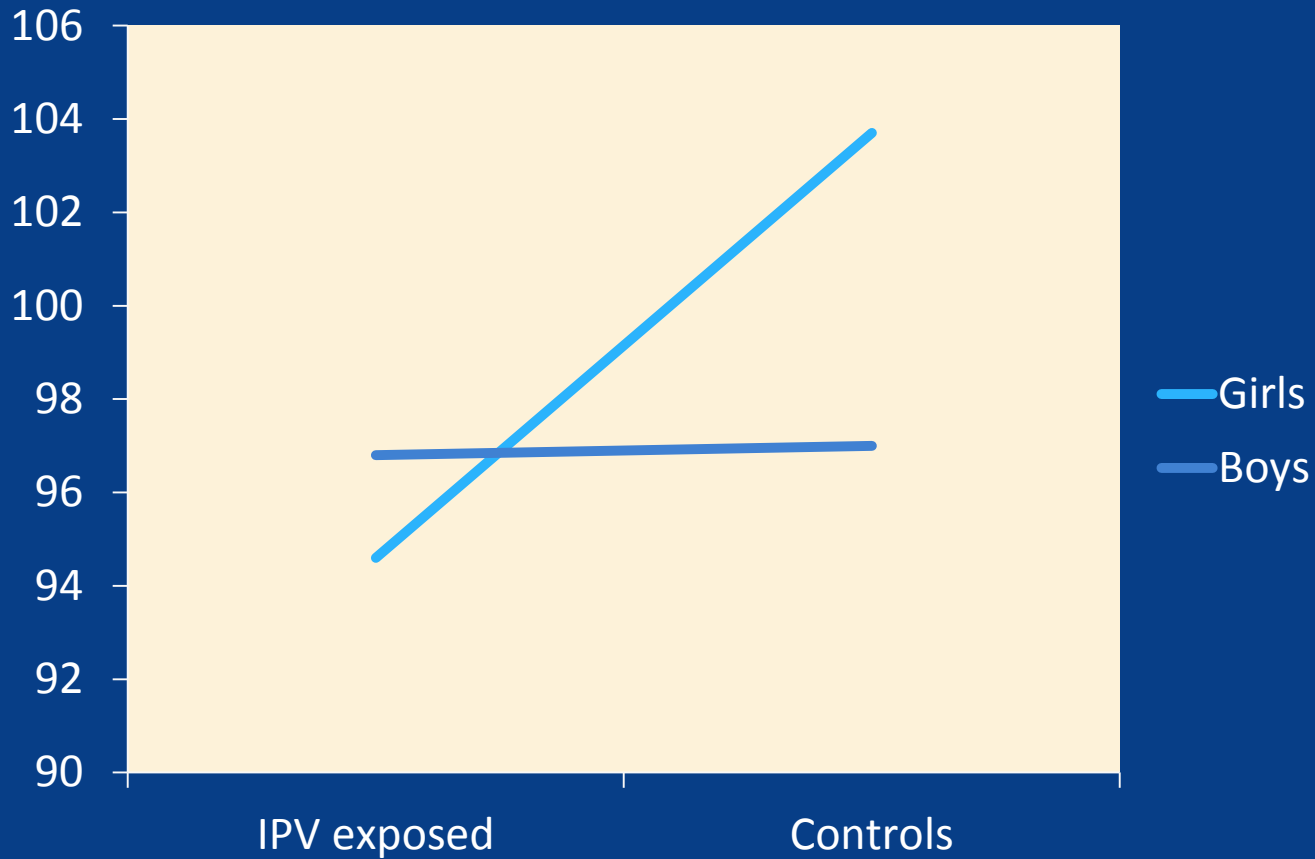


# Prevalence of the receipt of forced sex within dating relationships



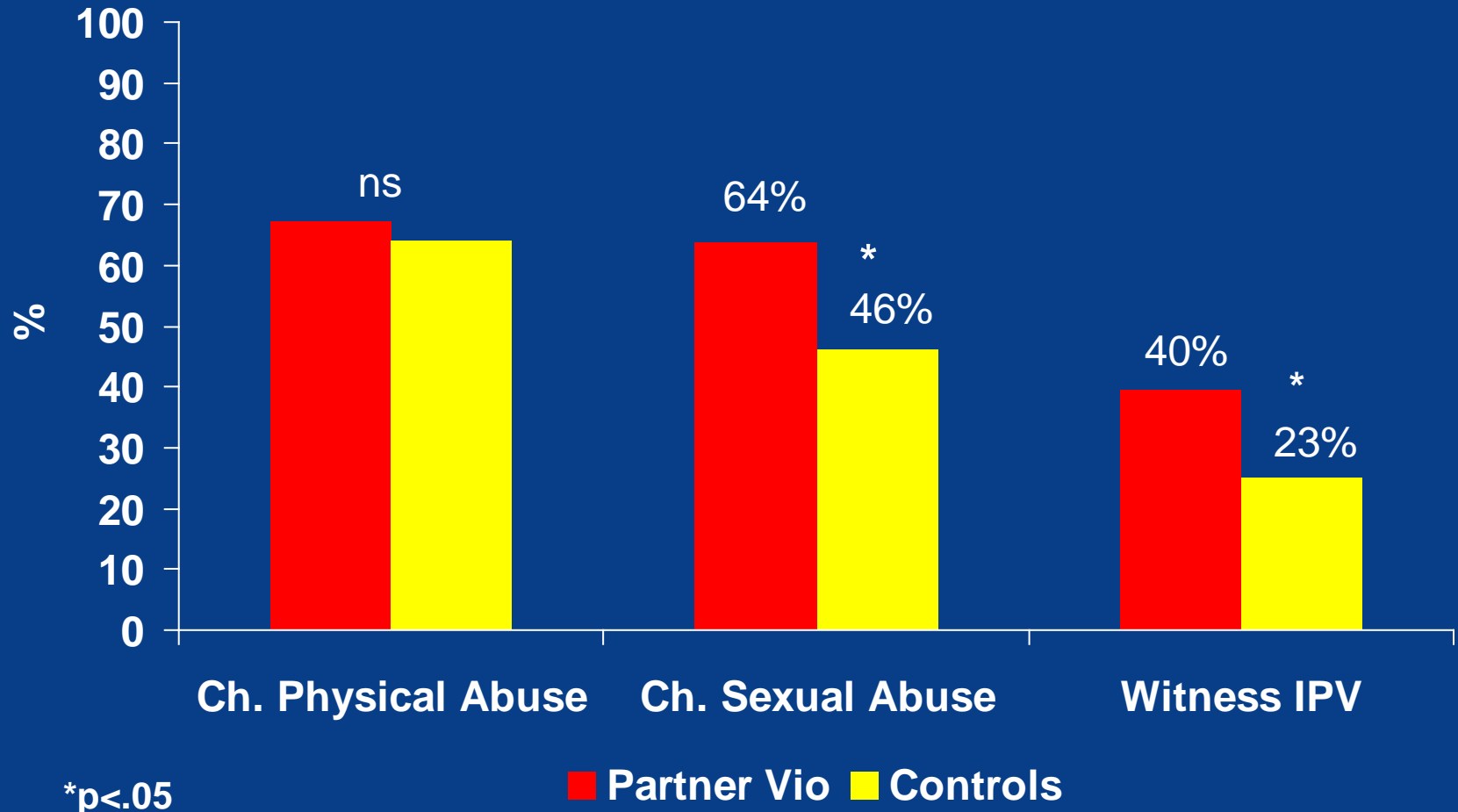


# CHILDHOOD EXPOSURE TO IPV AND ADOLESCENT IQ: GIRLS MOST AFFECTED

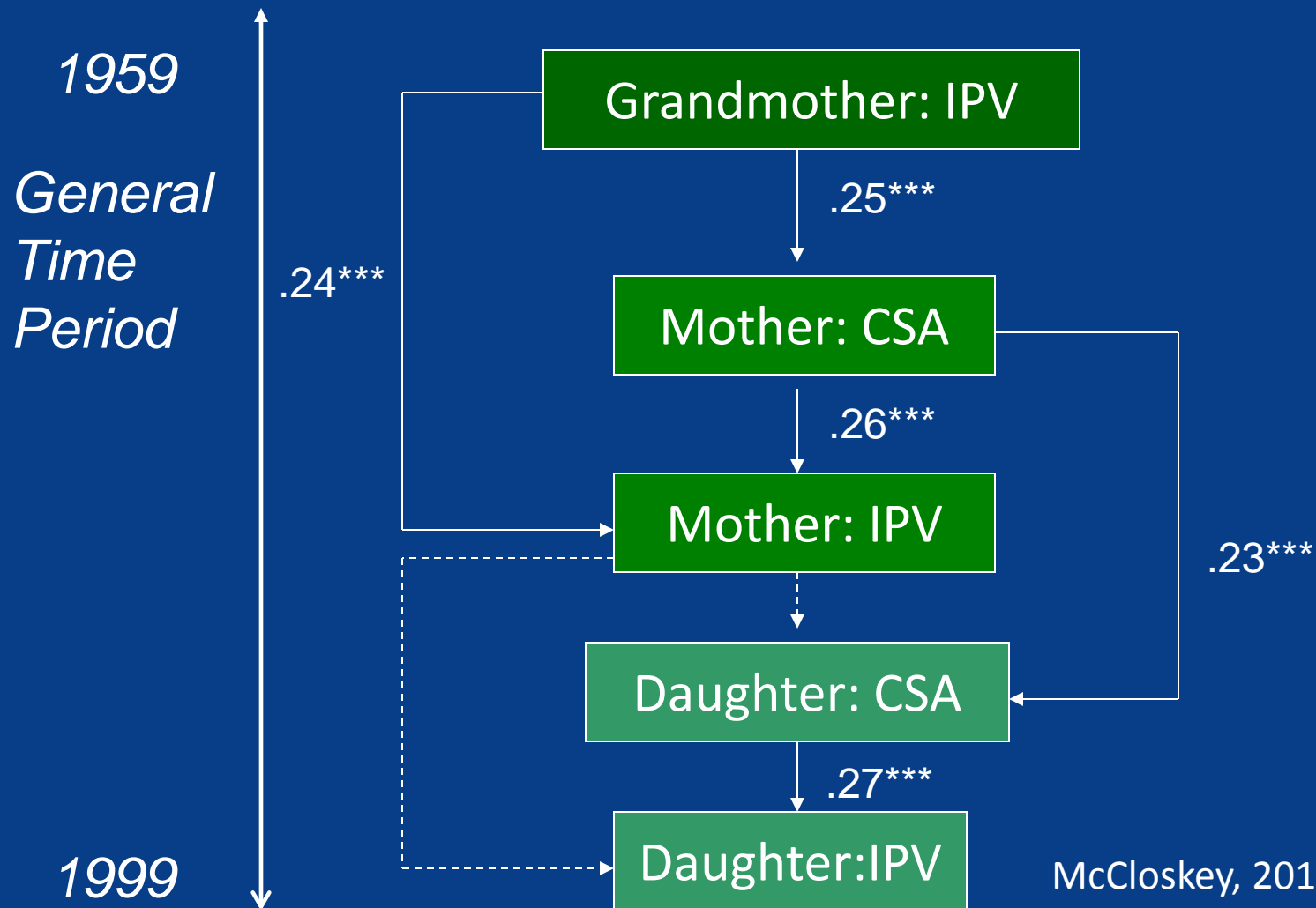


# Intergenerational transfer of risk

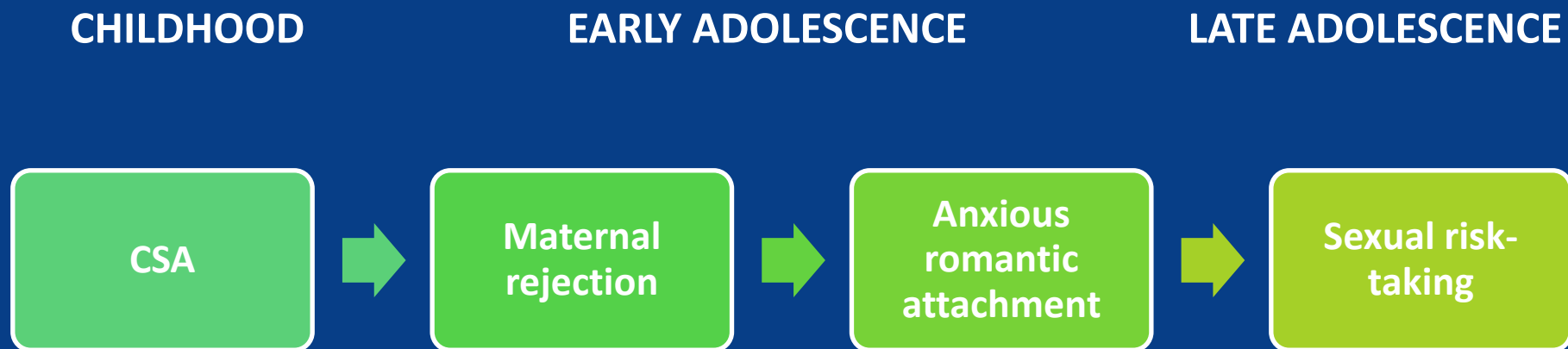
# Childhood abuse recounted by all women in the Arizona study



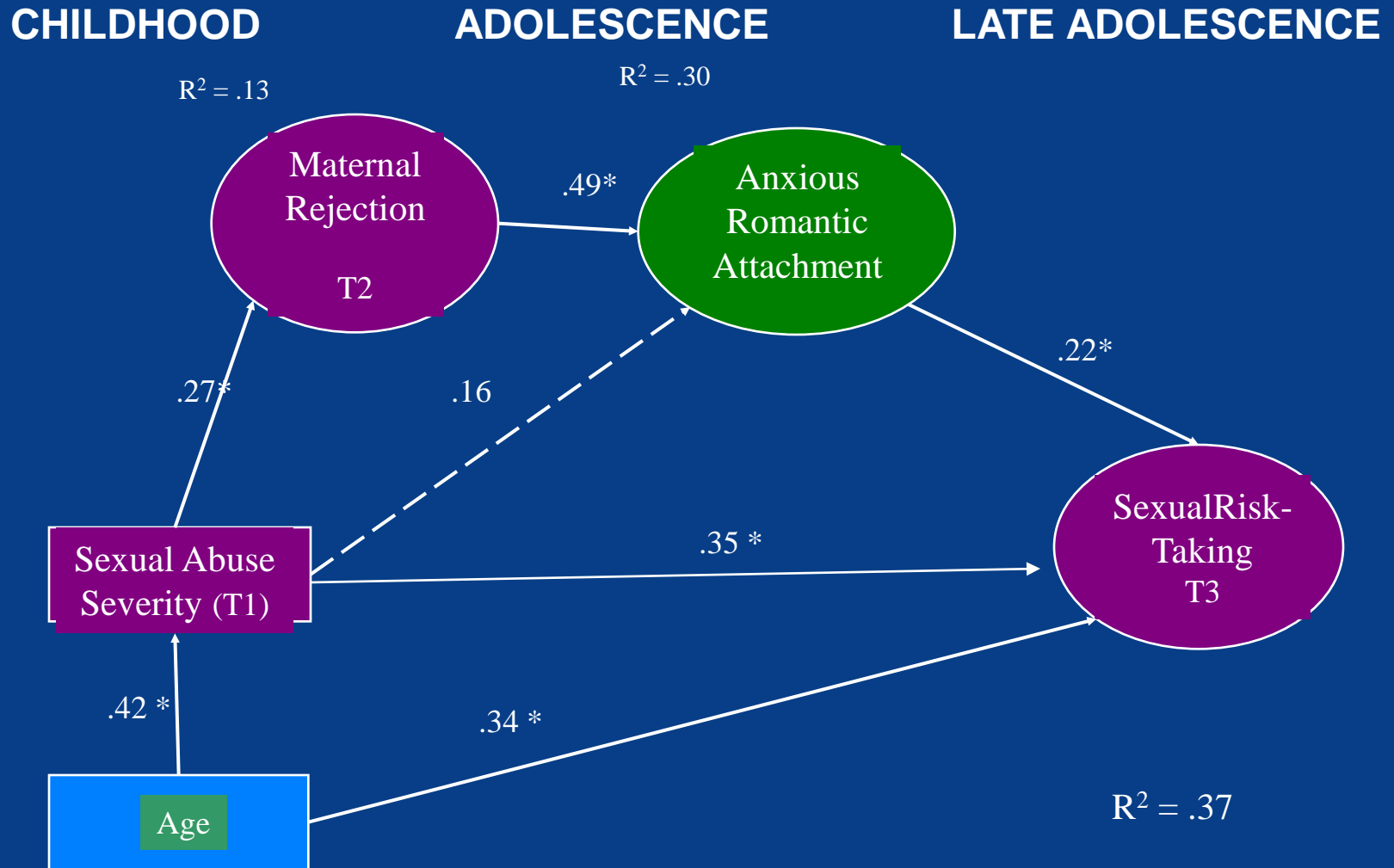
# Transfer of risk for Gender-based violence across three generations



# Relationship mechanisms in the route from child sexual abuse to sexual risk-taking in girls



# PSYCHOLOGICAL AND RELATIONSHIP MECHANISMS IN ADOLESCENT GIRLS' SEXUAL RISK: Structural Equations Model



*Adjusted for income, DV exposure, ethnic group, family demographics;  
Bailey and McCloskey (2013, in preparation)*

# Further findings

- Domestic violence and child sexual abuse correlate with poor mother-daughter relationship in teens
- Sexual abuse relates to adolescent substance use which in turn is related to sexual risk-taking

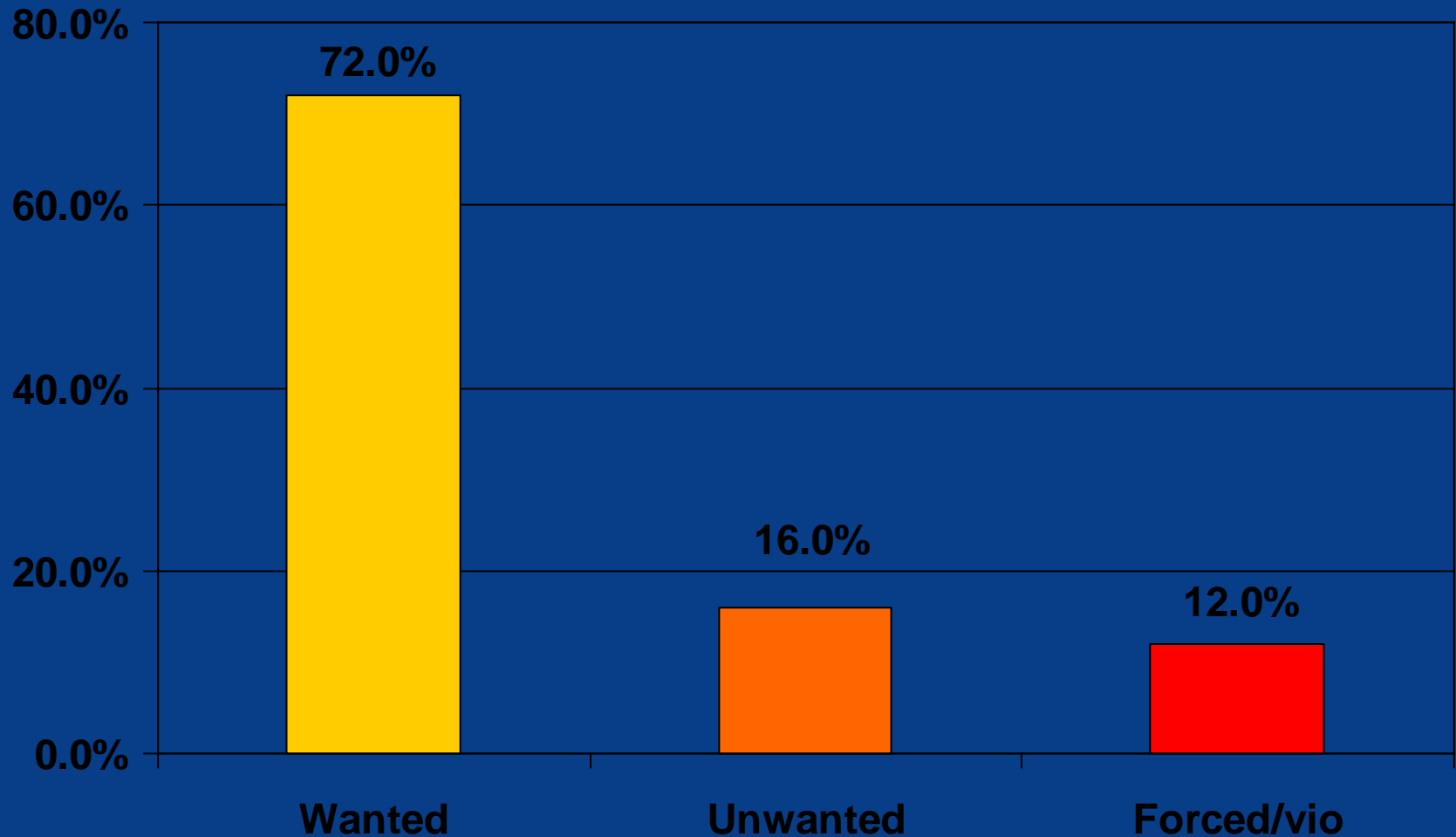
Gender-based abuse imposes unique  
burden on girls and women



# Map of Tanzania



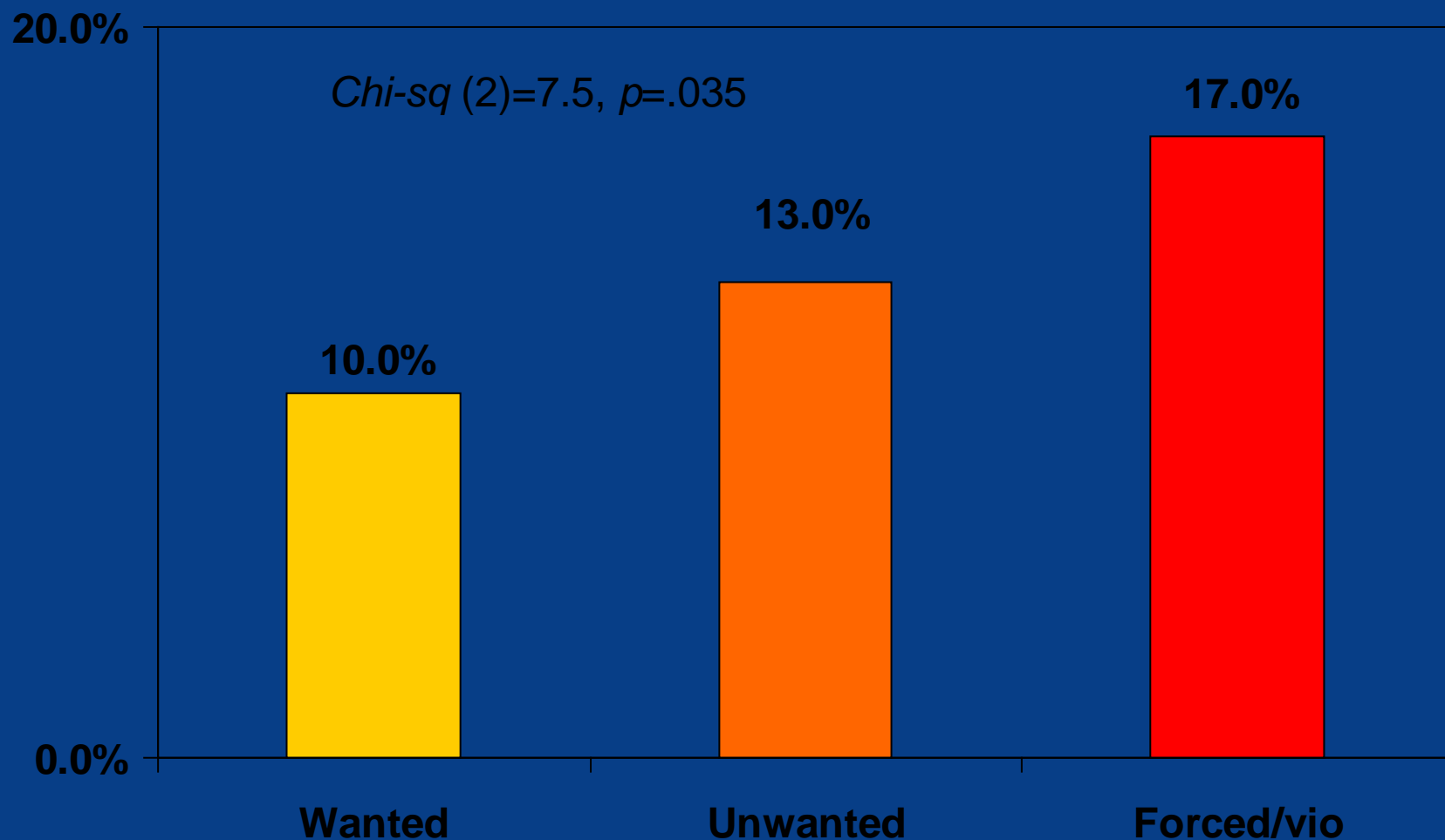
# Prevalence of Wanted, Unwanted and Forced First Sex <sup>1</sup>



<sup>1</sup> *Based on two questions*

McCloskey et al, 2005; Williams et al, 2008

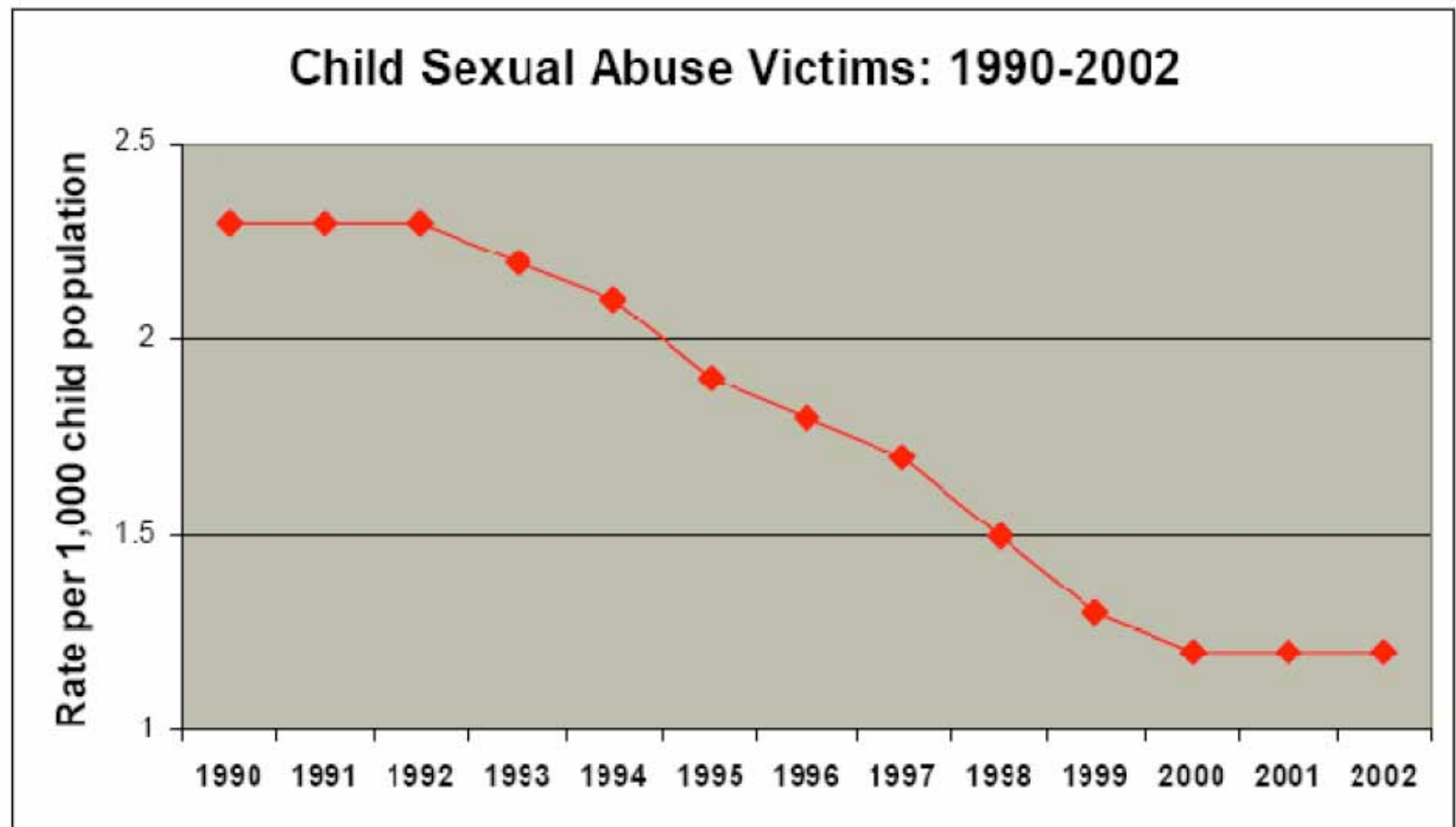
# Rates of HIV infection in women classified by first sexual experience



# Comparable Utilities for Women's health and IPV

Myocardial infarction, treated with TPA, resumed normal activity	0.97
Breast cancer	0.89
MI acute	0.87
Colorectal cancer	0.78
Breast cancer, lumpectomy, good physical and mental health	0.77
HIV	0.71
Arthritis, age 35-54	0.70
Migraine headache	0.69
<i>Intimate Partner Violence</i>	<i>0.54</i>
Depression, 3 month	0.44
Renal disease, lifetime dialysis at home	0.40
Breast cancer, unilateral mastectomy, good physical health, poor mental health	0.33
Major stroke	0.30
Serious accident requiring hospitalization	0.09

*Community values, mainly using MAU methods, Tengs and Wallace, 2000*



\*CCRC projections based on estimates from, U.S. Department of Health and Human Services, Children's Bureau. 1992 through 2002. *Child Maltreatment (1990 - 2000): Reports from the States to the National Child Abuse and Neglect Data System*. Washington, DC: Government Printing Office.

# Tanzanian school girls celebrating a water pump for their school



# Madeline Smith, Harvard student and Joseph Biden, Vice-president



# Women in India protest Delhi rape





**Women Hold Up  
Half the Sky**

