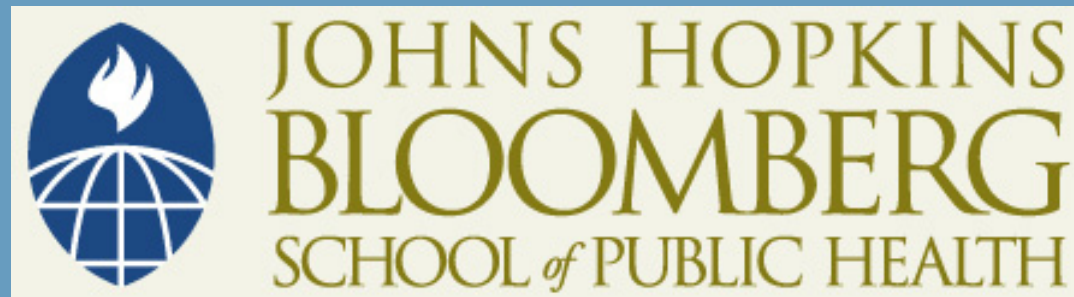


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## Section C

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The Contexts That Affect Early Child Development

# The Contexts That Impact Early Child Development

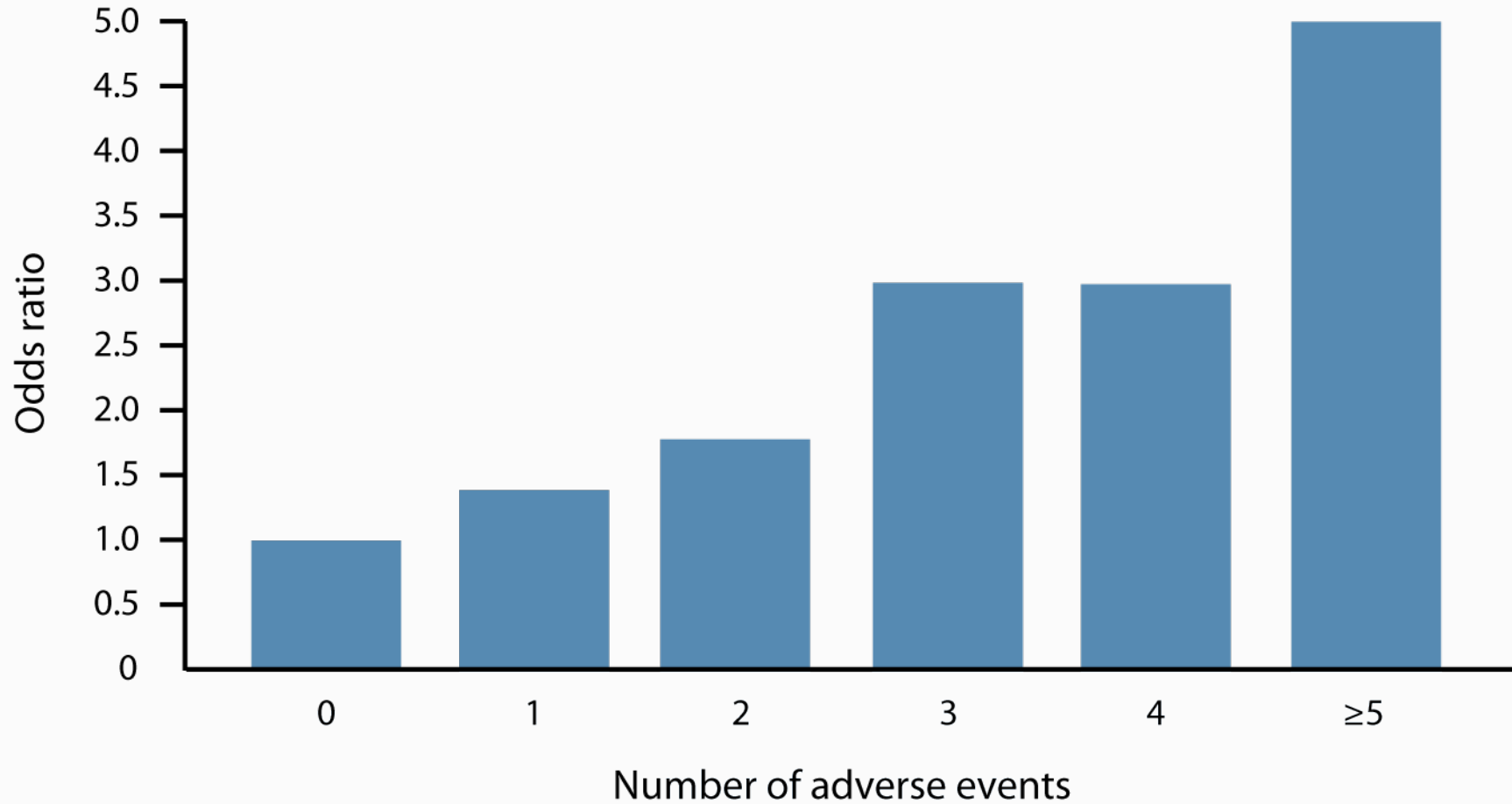
- Parental attachment
- Family mental illness
- Absent parent
- Maternal depression

# Adverse Childhood Experiences Are Common

Household dysfunction <ul style="list-style-type: none"><li>▪ Substance abuse</li><li>▪ Parental separation/divorce</li><li>▪ Mental illness</li><li>▪ Battered mother</li><li>▪ Criminal behavior</li></ul>	27% 23% 17% 13% 6%
Abuse <ul style="list-style-type: none"><li>▪ Psychological</li><li>▪ Physical</li><li>▪ Sexual</li></ul>	11% 28% 21%
Neglect <ul style="list-style-type: none"><li>▪ Emotional</li><li>▪ Physical</li></ul>	15% 10%

# Adverse Childhood Events and Depression

## Adverse Childhood Events and Adult Depression



Adapted by CTLT from Chapman et al. (2004).

# Poverty

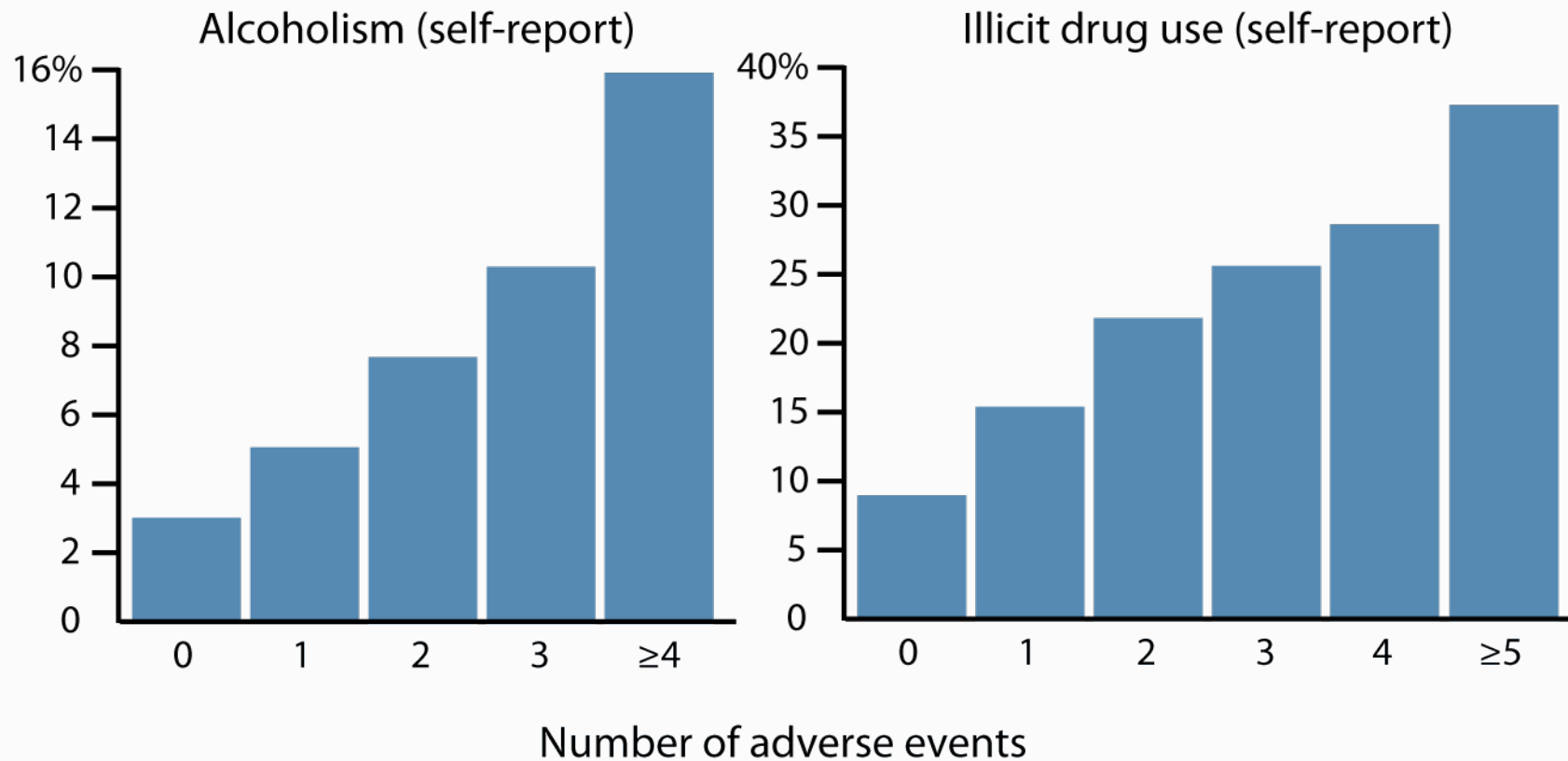
- Poverty adversely impacts child development (one in four children)

Child outcomes	Risk for poor relative to non-poor children
Lead poisoning	3.5
Birth to unmarried teenager	3.1
Short-stay hospital episode	2.0
Grade repetition and high school dropout	2.0
Low birth weight	1.7
Mortality	1.7
Learning disability	1.4
Parent report of emotional or behavior problem that lasted 3 months or more	1.3
SES mediators	
Child abuse and neglect	6.8
Depression	2.3
Experiencing violent crimes	2.2
Substance abuse	1.9

Source: Shonkoff and Phillips. (2000).

# Adverse Childhood Events and Adult Substance Abuse

## Adverse Childhood Events and Adult Substance Abuse

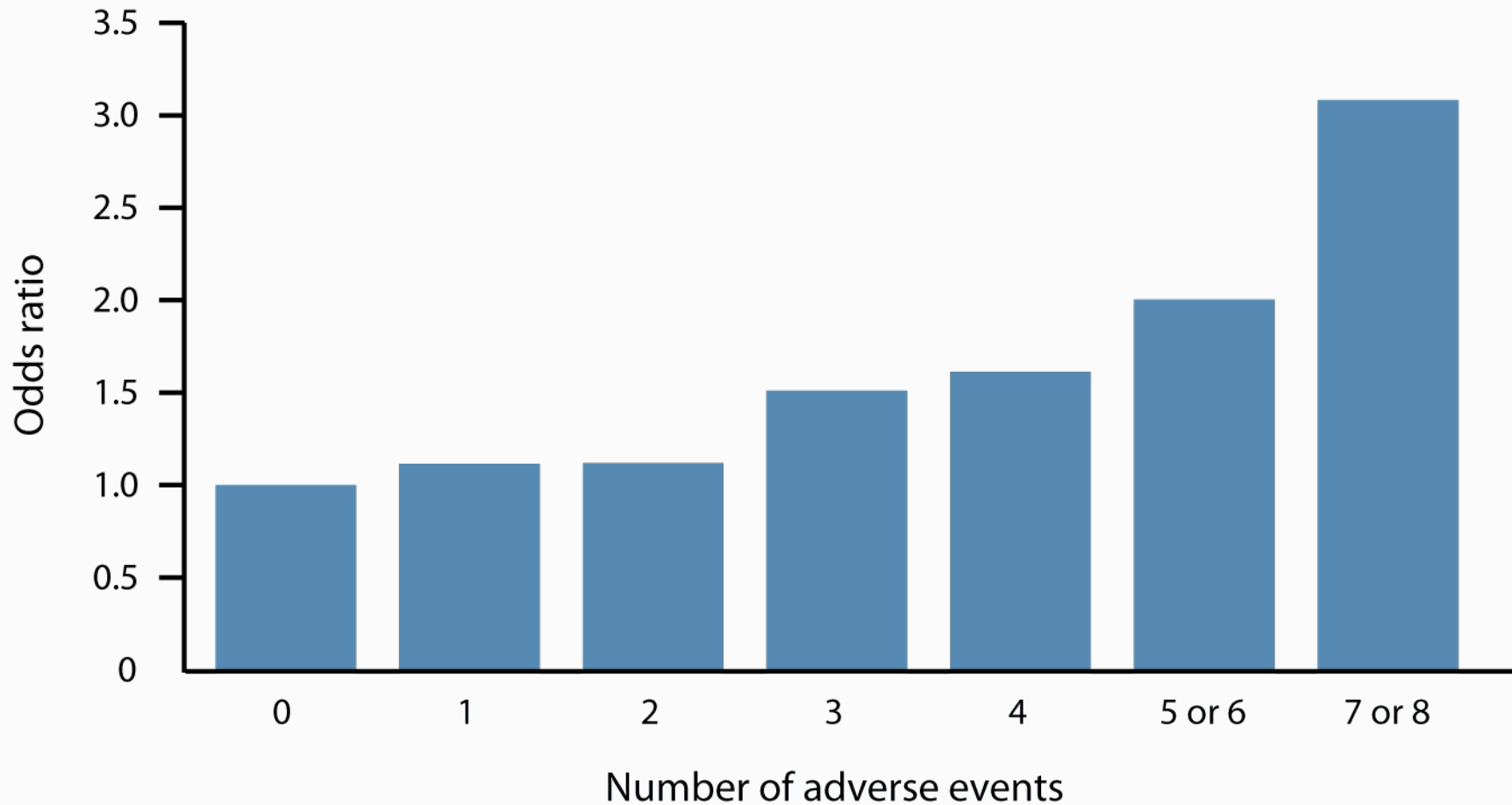


Adapted by CTLT from Dube et al. (2002).

Adapted by CTLT from Dube et al. (2005).

# Adverse Events and Adult Ischemic Heart Disease

## Adverse Childhood Events and Adult Ischemic Heart Disease



Adapted by CTLT from Dong et al. (2004).



# What Do We Know about Programs?

- What makes a difference?

# Day Care

- High-quality\* child care improves ECD
  - Linguistic development
  - Cognitive development
  - Social development
  - Academic achievement

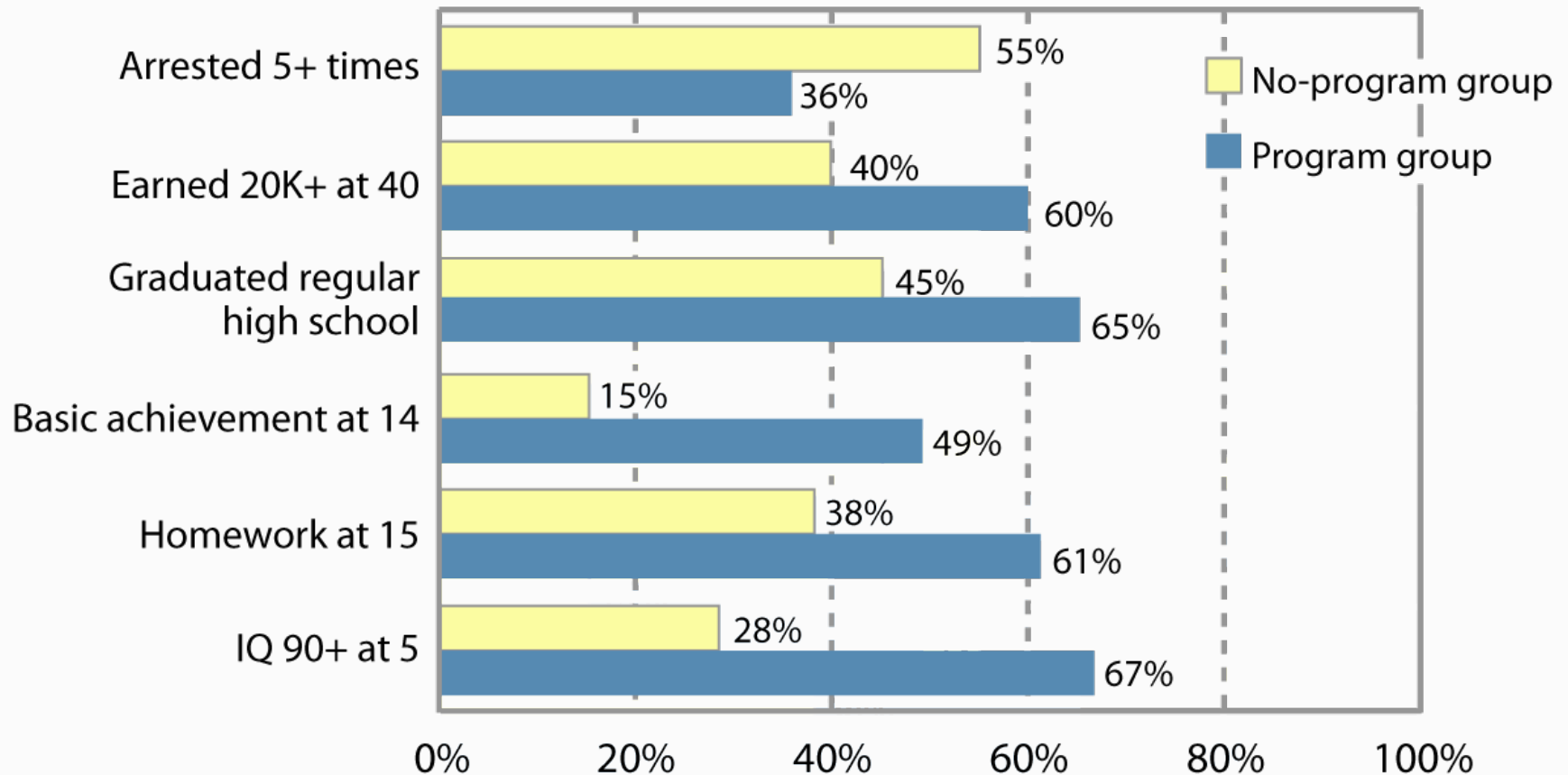
\**High-quality* refers to the quality of transactions between providers and children

## Perry Preschool Project (High Scope)

- At ages 3 and 4, 123 low income, low-IQ, African-American children randomized into intervention and control (1962-1967)
- Intervention was High Scope's *Participatory Learning Approach*

# Perry Preschool Program

## Perry Preschool Program Outcomes



# The Nurse Home Visit Program (D. Olds)

- Targeted low-income, unwed pregnant women
- Randomized controlled study with four arms
- Screenings for children at 12 and 24 months
- Screenings plus free child care through 24 months
- Same as 2 plus home visits prenatally
- Same as 3 plus home visits through 24 months

# Outcomes of Nurse Home Visit Program

- Through age 4: fewer trips to the ED
- Through the age of 15: less child abuse
- At age 15: fewer arrests, fewer convictions, fewer sexual partners, less smoking, less alcohol use