







The Gendered Lives of Young Adolescents

Early Findings from the Global Early Adolescent Study

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Why Early Adolescence?

10-14 Years Old



- Among most critical ages of human development, yet poorly understood
- Standard biological processes
- Varied social contexts
- Solidification of gendered norms and roles

Study Goals



The GEAS seeks to understand the factors in early adolescence that shape healthy development in the adolescent years.

- Longitudinal research study
- Global comparison
- Evaluating the impact of gender transformative interventions

Formative Research: Products



- <u>Systematic review</u> exploring factors shaping gender norms among early adolescents
- Journal of Adolescent Health Special Supplement
 - 1 editorial
 - 3 commentaries
 - 1 review
 - 6 publications of Qualitative Findings
- Four methodology papers on: <u>Gender Norms scales (Population Health)</u>, ACEs (JAH), empowerment (forthcoming) and vignettes (forthcoming)

Longitudinal Research

What are the Central questions of the GEAS?

- What are the factors related to gender norms?
 - How do they vary by site?
- How do gender norms & perceptions of gender equality evolve over time?
- How do gender norms & perceptions of gender equality at the individual and community levels relate to adolescent health outcomes over time?
 - How do these influences vary by site?
- How do gender transformative interventions...
 - shift gender norms?
 - impact health trajectories for boys and girls?



Survey Instruments



Three components:

- Health & behavior instrument
- Gender norms scales
- Vignettes-based measure of gender equality



Key Outcomes



Sexual and reproductive health



Body comfort and pubertal satisfaction



Gender-based and interpersonal violence



Mental health



School retention

Longitudinal Research Sites



Study Design: Longitudinal cohort

- 1,400 adolescents 10-14 years/site
 - 2,800 for intervention sites
- Sampling
 - Urban
 - Low income sections of each city
 - Recruitment:
 - Mostly school based
 - Subsample of out of school adolescents in Kinshasa.
 - 3 to 5 rounds of approximately annual data collection

Measuring Empowerment in Early Adolescence

GEAS Empowerment Measures

Freedom of Movement

Can you tell me how often you are allowed to do the following alone (without an adult present)?

Go to after-school activities

- Go to the community center/youth center
- Visited a friend of the opposite sex

Voice

- My parents ask for my opinion on things
- •My friends ask my advice when they have a problem
- •I can ask adults for help when I need it

Decision

How often are you able to make the following decisions on your own?

- What to eat when you are not home
- Who you can have as friends

GEAS Empowerment Framework

Opportunity Structures

Political Cultural Legal

Family Economic Education Social Capital

Freedom of Movement

• Ability to move autonomously within the environment

Voice

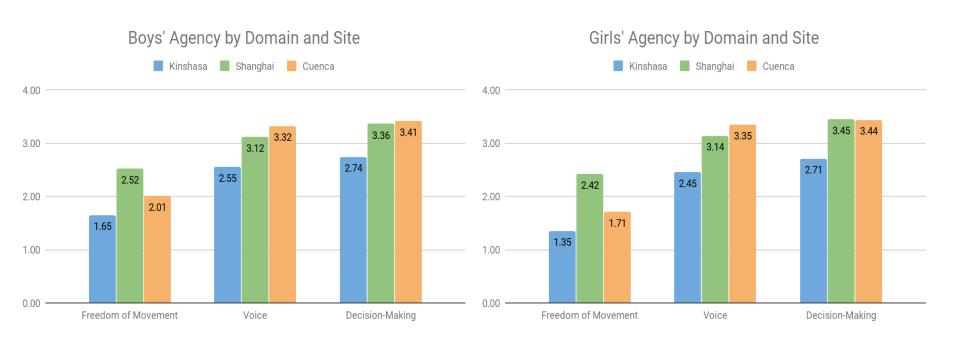
- Ability to express opinions and be heard
- Ability to express needs and desires

Decision-Making

• Ability to make decision that govern daily life

Achievement of desired outcomes

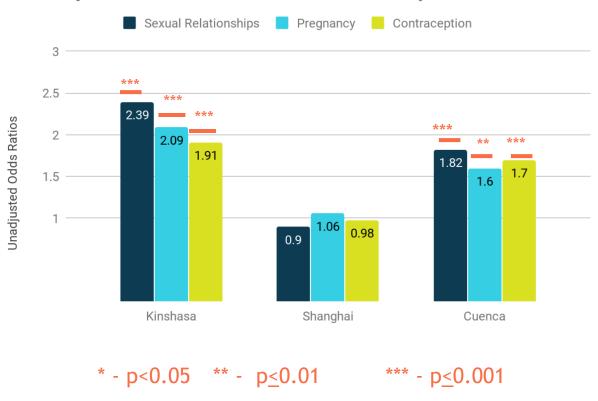
Empowerment FindingsDistribution of Agency Domains by Site



Empowerment Findings

Links Between Voice & Communication about SRH





Empowerment Findings

Links Between Decision & Communication about SRH





Adverse Childhood Experiences (ACEs)

Background

- The associations between ACEs exposures and health outcomes in childhood less well described than in adulthood
- Few studies examining ACEs impact on health in LMICs
- There appears to be a dose-response relationship among adults in highincome countries between ACES exposures and a range of negative health outcomes

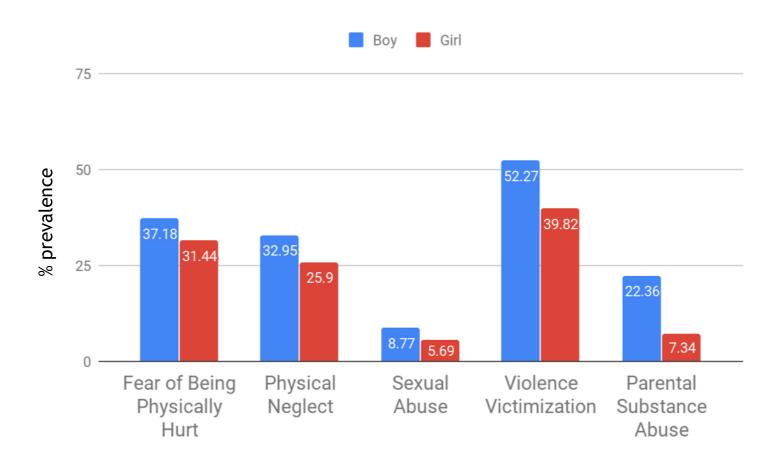


Background

- N=1,284 from GEAS pilot data
- 14 sites* on 5 continents
- Objective: Assess prevalence of ACEs among adolescents 10-14
 - Evaluate their associations with:
 - Depressive Symptoms
 - Violence

^{* -} Baltimore, USA; Cuenca, Ecuador; Cochabamba, Chile; Ghent, Belgium; Edinburgh, Scotland; Assiut, Egypt; Ouagadougou, Burkina Faso; Kinshasa, DRC; Cape Town, South Africa; Blantyre, Malawi; Ile-Ife, Nigeria; Nairobi, Kenya; Shanghai, China; Hanoi, Vietnam

ACEs Prevalence by Sex



ACEs and Depressive Symptoms

Exposure-Response Association

	Overalla	Boys ^b	Girls ^b
Depressive	aRR	aRR	aRR
Symptoms	(95% CI)	(95% CI)	(95% CI)
0	Ref	Ref	Ref
1 - 3	1.23	1.22	1.25
	(1.14, 1.33)	(1.10, 1.36)	(1.12, 1.40)
> 3	1.70	1.59	1.88
	(1.54, 1.88)	(1.38, 1.82)	(1.62, 2.19)

Covariates: a: sex, country, family wealth, education attainment.

b: country, family wealth, education attainment.

ACEs and Depressive Symptoms

Exposure-Response Association

	Overalla	Boys ^b	Girls ^b
Violence Perpetration Past 6 months	aRR	aRR	aRR
	(95% CI)	(95% CI)	(95% CI)
No	ref	ref	ref
Yes	1.40	1.46	1.33
	(1.32, 1.49)	(1.34, 1.59)	(1.21, 1.45)

Covariates: a: sex, country, family wealth, education attainment.

b: country, family wealth, education attainment.

Key Takeaways: ACEs

- ACES exposures are high for young adolescents living in impoverished communities
- Boys consistently report more adverse childhood exposures than girls
- ACEs exposure is positively associated internalizing behaviors (depressive symptoms) for girls and externalizing behaviors (violence perpetration) for boys

Acknowledgements

- Linnea Zimmerman, PhD for her analyses of empowerment measures
- Mengmeng Li, MSPH and Leah Koenig, MSPH for their analyses of ACES measures
- Caroline Moreau, MD PhD for her synthesis of initial baseline data.
- Our global partners for their data collection and analyses

THANK YOU

...to our partners

African Population and Health Research Center

Assiut University

Institute for Reproductive Health at Georgetown University

Instituto de Desarrollo Humano (Bolivia)

International Center for Reproductive Health at Ghent University

Obafemi Awolowo University

Population Council (India)

Shanghai Institute of Planned Parenthood Research

Rutgers, Netherlands

University of Cuenca

University of Kinshasa School of Public Health

University of Malawi College of Medicine

University of Ouagadougou

University of St Andrews

University of the Western Cape HIV & AIDS Programme

Vietnam Academy of Social Sciences

...to our donors

The Bill and Melinda Gates Foundation

The David and Lucile Packard Foundation

Save the Children

United Nations Population Fund (UNFPA)

United States Agency for International Development (USAID)

World Health Organization

The Ford Foundation

Flemish Government

Scottish Government

Thank You



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