

MALE PARTNERS OF AGYW: Emerging findings from Implementation Science around DREAMS in South Africa

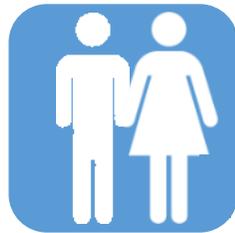


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Objectives



WHO ARE THE MEN?



WHAT ARE THE CHARACTERISTICS
OF MEN'S RELATIONSHIPS
WITH AGYW?



HOW ARE MEN USING
HIV SERVICES?

Research approach

- 2-phased study designs to rapidly feed results into program refinement and implementation
- Mixed methods (survey data and qualitative interviews) to capture both the what and why
- Community mapping to confirm where to find “hidden” partners of AGYW
- Focus on men’s age range and locations targeted by DREAMS



WHO ARE THE MEN?





Sample: South Africa

n = 962 surveys <i>Recruited men from hot spots and HIV service sites</i>	
Age—mean (range)	28 (20–40)
Marital status	
Dating someone but not living together	75%
Dating and living together	10%
Married	5%
Have at least 1 biological child	59%
Completed high school	77%
Current employment	61%
Supports 4+ other household members with his income	44%



History of trauma

Ever

Witnessed an armed attack

59%

Robbed at gunpoint or knifepoint

39%

Before age 18

Beaten at home

77%

Saw/heard mother being beaten

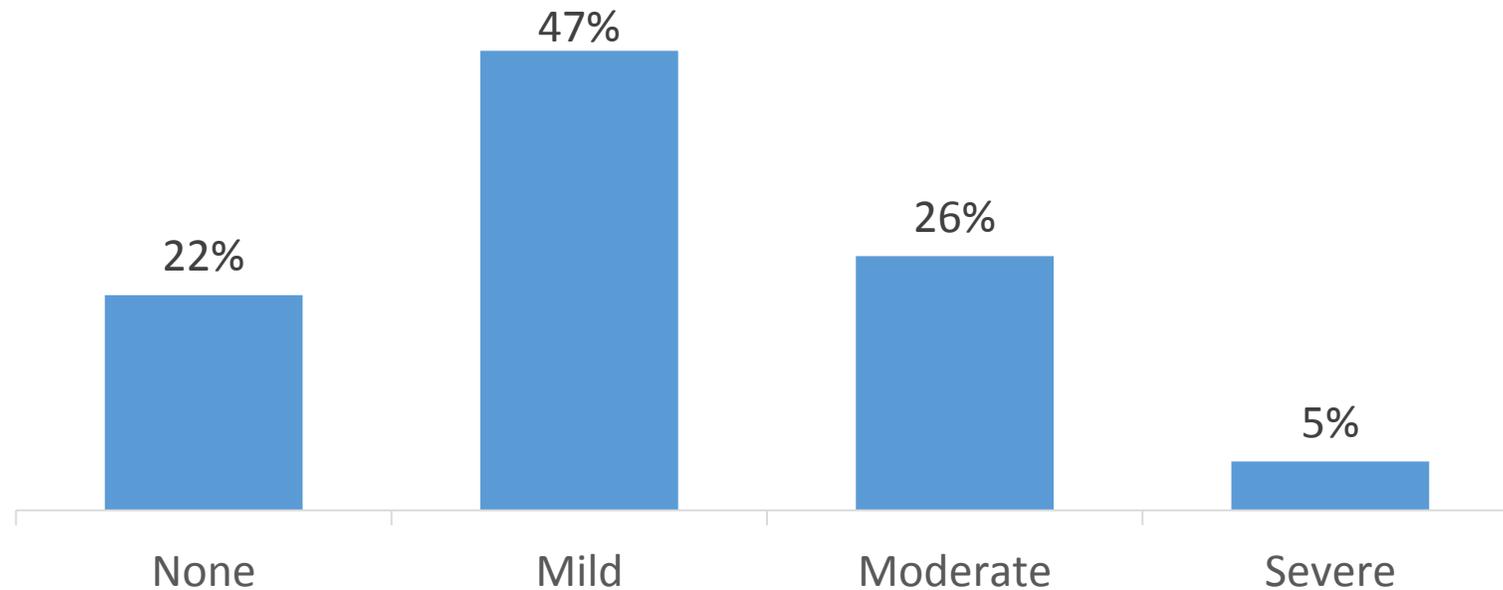
22%

- Adult experiences of violence associated with multiple sexual partners ($p=0.001$)
- Childhood experiences of violence associated with multiple sexual partners in the last year and inconsistent condom use (both $p<0.05$)



Depression

- 31% had moderate or severe depression (based on PHQ4 score)

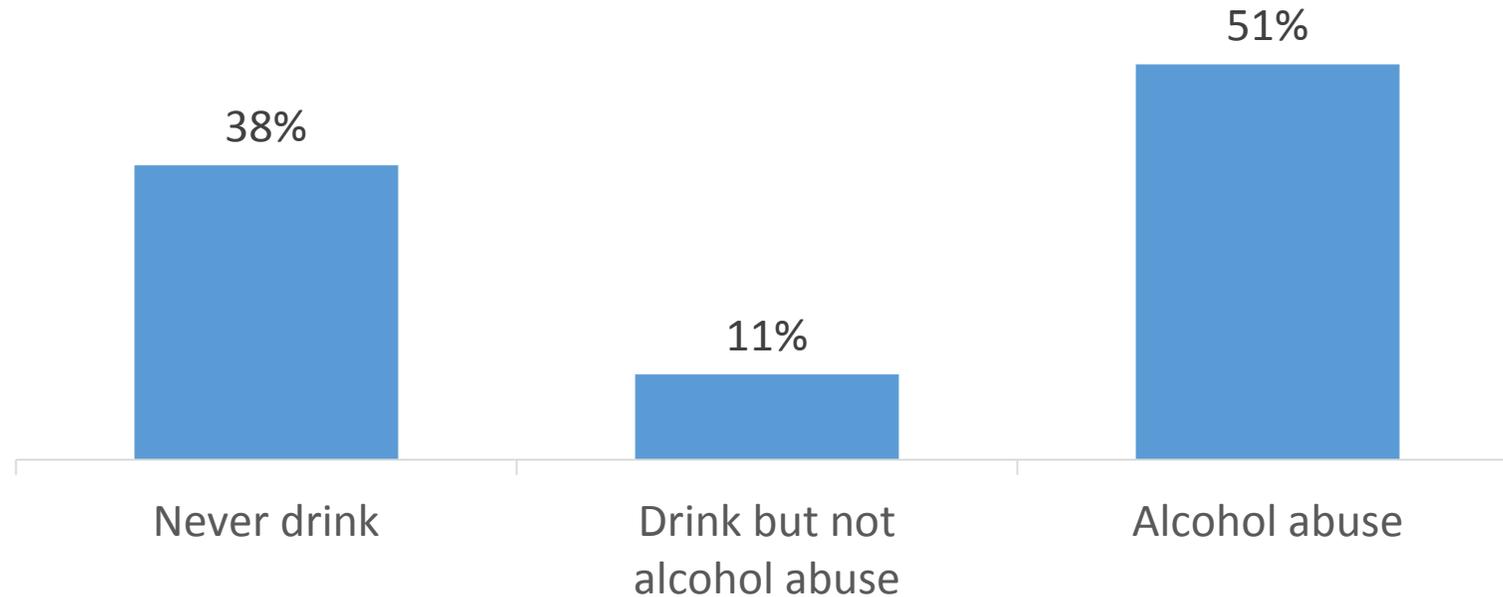


- Depression associated with having more sexual partners ($p < 0.05$)



Alcohol use

- Half abuse alcohol (based on AUDIT-C score)



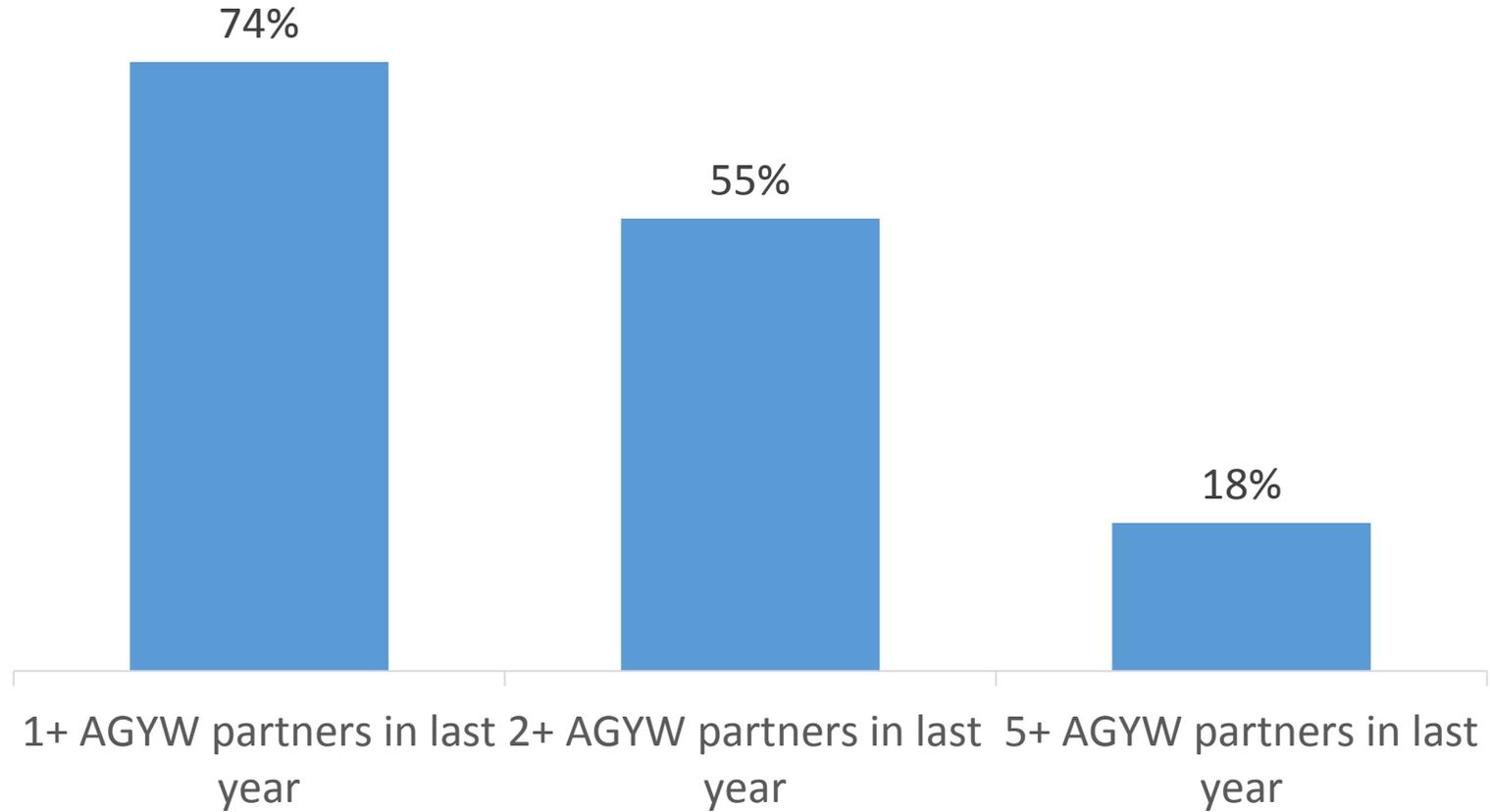
- Alcohol abuse associated with having more sexual partners ($p < 0.001$) and more age-disparate partnerships ($p < 0.01$)



WHAT ARE THE CHARACTERISTICS OF MEN'S RELATIONSHIPS WITH AGYW?



Number of AGYW partners



(n=941)



Age disparities with AGYW partners

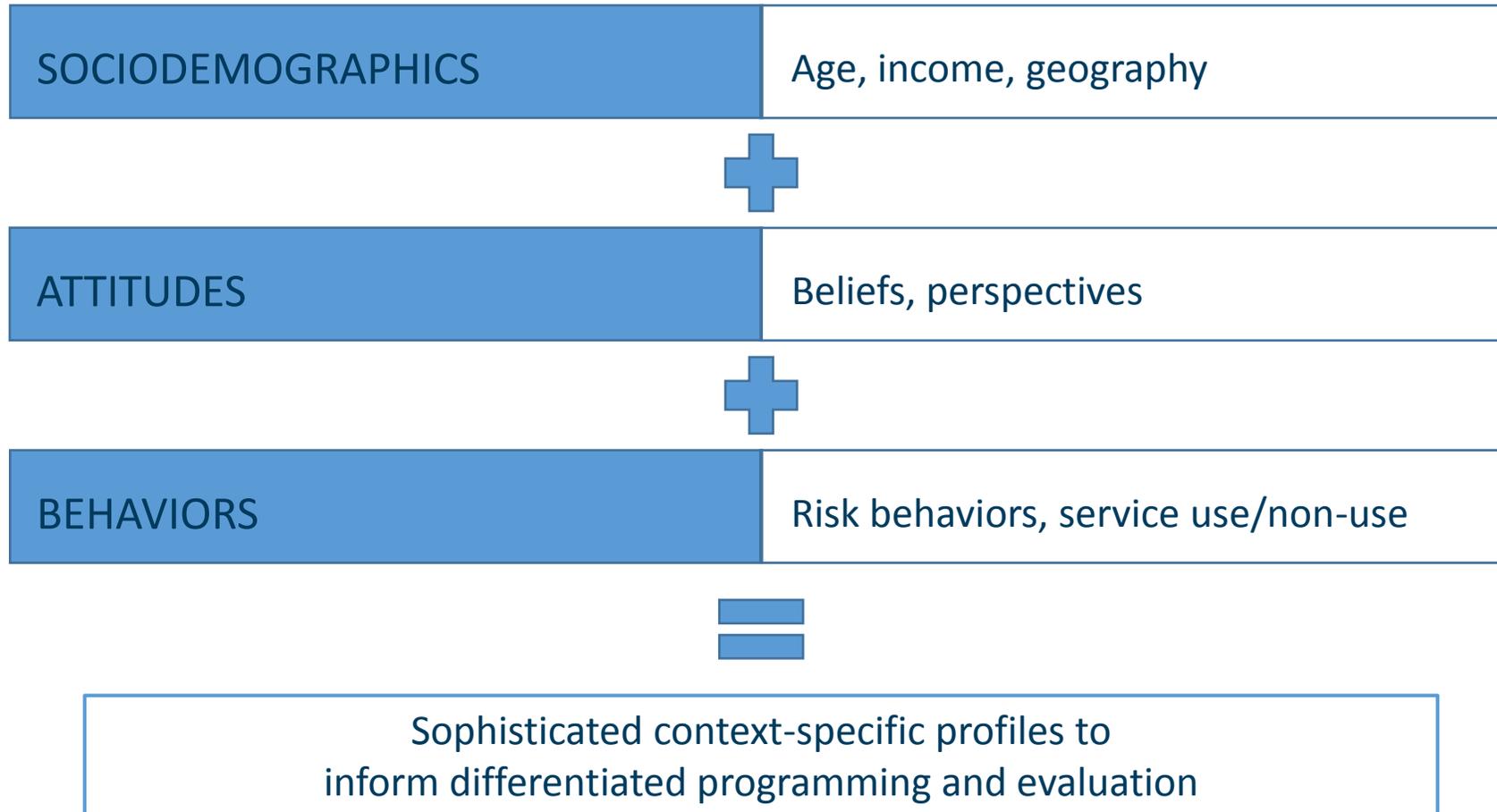
	(n=941)
Age difference with last 3 AGYW partners	4.6 years younger (IQR: 1.7, 6.5)
Age difference with last 3 AGYW partners was 10+ years	13%
Had both AGYW partners & partners age 25+ in last year (cycle of transmission)	54%



BRINGING IT ALL TOGETHER:
Men's risk profiles—Latent Class Analysis

Better identification of risk profiles

Segmenting people based on multiple characteristics:



Profiles of men in Durban, South Africa

Preliminary findings from latent class analysis using survey data from Durban, South Africa (n=962)



**YOUNG
MODERATE
RISK**
42%
of sample

23 years old

Unmarried

Unemployed

Low earner

University/tech student or graduate

High # of partners

Low age difference
(-1 year)

Moderate transactional relationships

Moderate alcohol abuse

Moderate gender inequity



**YOUNG
HIGH
RISK**
29%
of sample

28 years old

Unmarried

Informally employed

Moderate earner

Secondary graduate

High # of partners

High age difference
(-4 years)

High transactional relationships

High alcohol abuse

High gender inequity



**OLDER
LOW
RISK**
13%
of sample

32 years old

Married

Informally employed

Moderate earner

Secondary graduate

Low # of partners

Low age difference
(-3 years)

Low transactional relationships

Low alcohol abuse

Low gender inequity



**OLDER
HIGH
RISK**
15%
of sample

36 years old

Married/cohabitating

Formally employed

Moderate-high earner

Secondary graduate

High # of partners

High age difference
(-9 years)

High transactional relationships

High alcohol abuse

Moderate gender inequity



TAKEAWAYS





Takeaways: Who are the male partners of AGYW?

- Reachable—we found them at informant-identified hot spots
- Many at very high risk of acquiring and transmitting HIV
- Developing nuanced HIV risk profiles enables differentiated programming, outreach, and evaluation

South Africa IS study team

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 - SANAC
 - eThekweni Municipality
 - PEPFAR-South Africa
 - DREAMS Implementing Partners

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