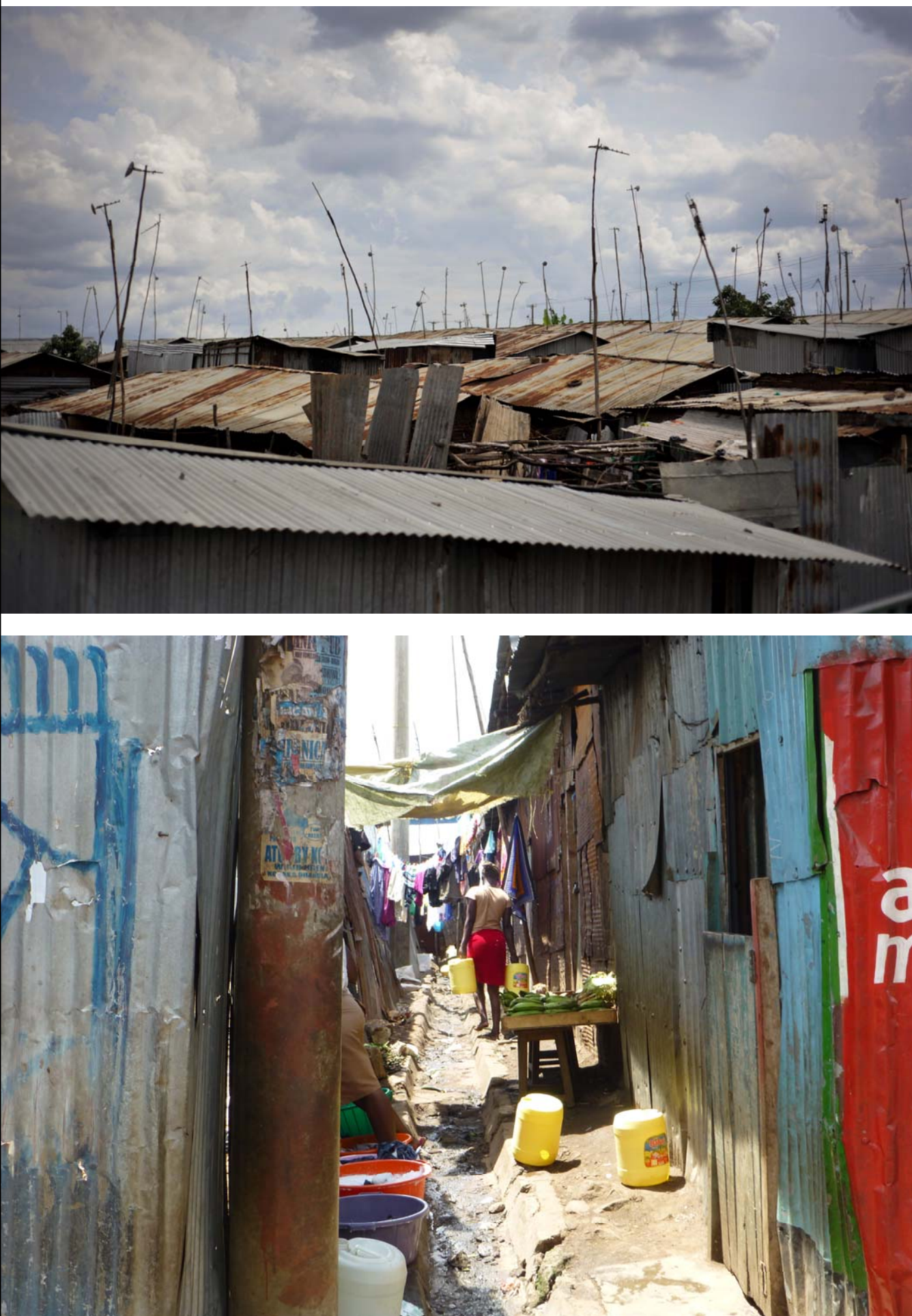


Reaching Urban Adolescents with Family Planning: Evidence from Kenya

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Introduction

- Urbanization is rising in sub-Saharan Africa
- Large number of young people in growing urban areas
- Urban areas offer opportunities and challenges
 - Greater opportunities for schooling
 - More access to health care
 - Changing norms around sexual initiation
 - Barriers to access to and use of sexual and reproductive health (SRH) services
- Young people at risk of early/unintended pregnancy and possibly abortion
- Programs are needed to address urban adolescents' SRH needs

Interventions

- Bill & Melinda Gates funded interventions
- Kenya Urban Reproductive Health Initiative (Tupange)
 - Explicit focus on reaching adolescents starting in 2012
 - Activities targeting youth:
 - Jongo Love radio program (36 episodes)
 - Shujaaz comic book (10 volumes with 500,000 circulation)
 - Outreach (12% of participants adolescents)
 - Youth groups (13 groups)
 - Community youth activities

Data and Methods

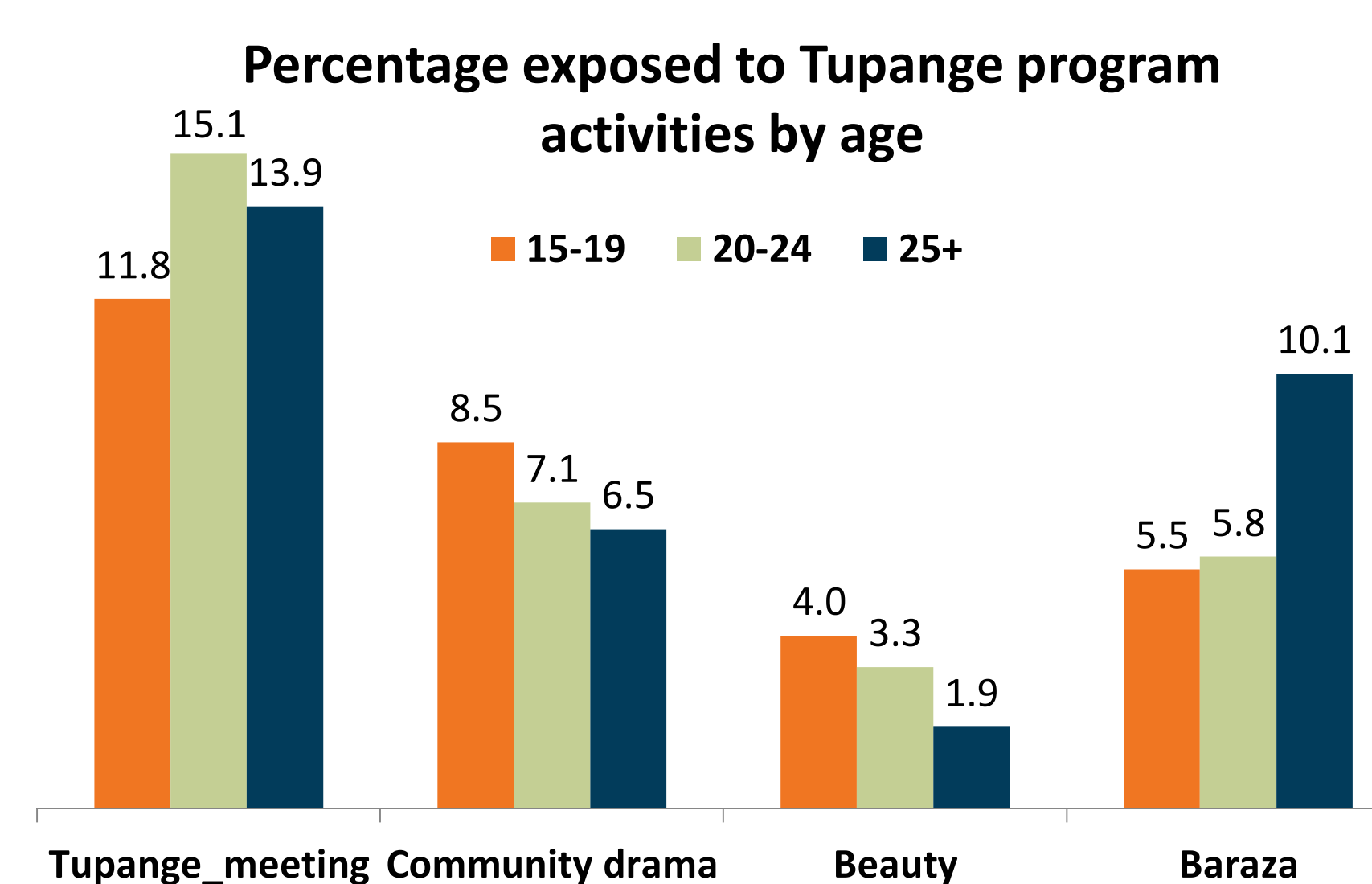
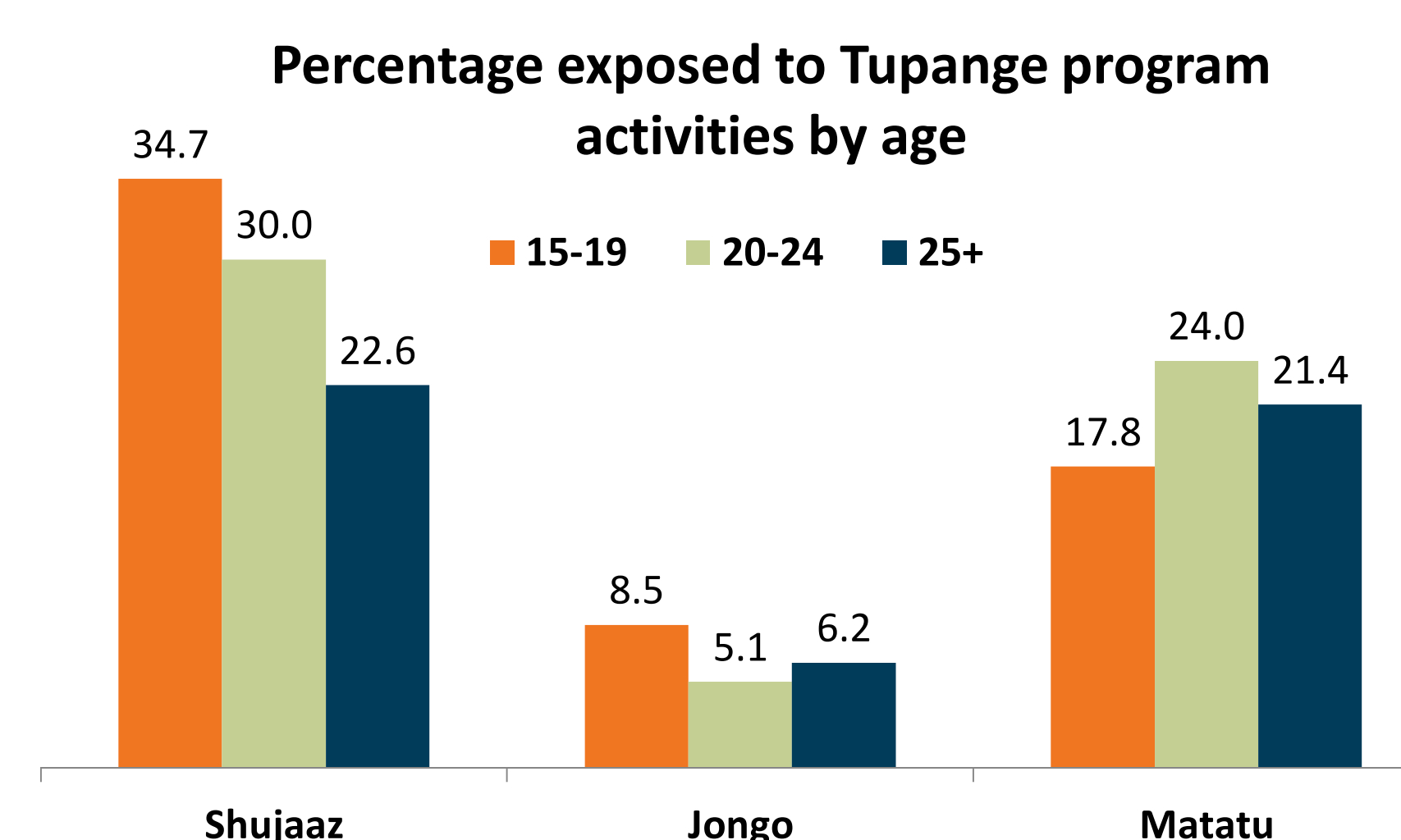
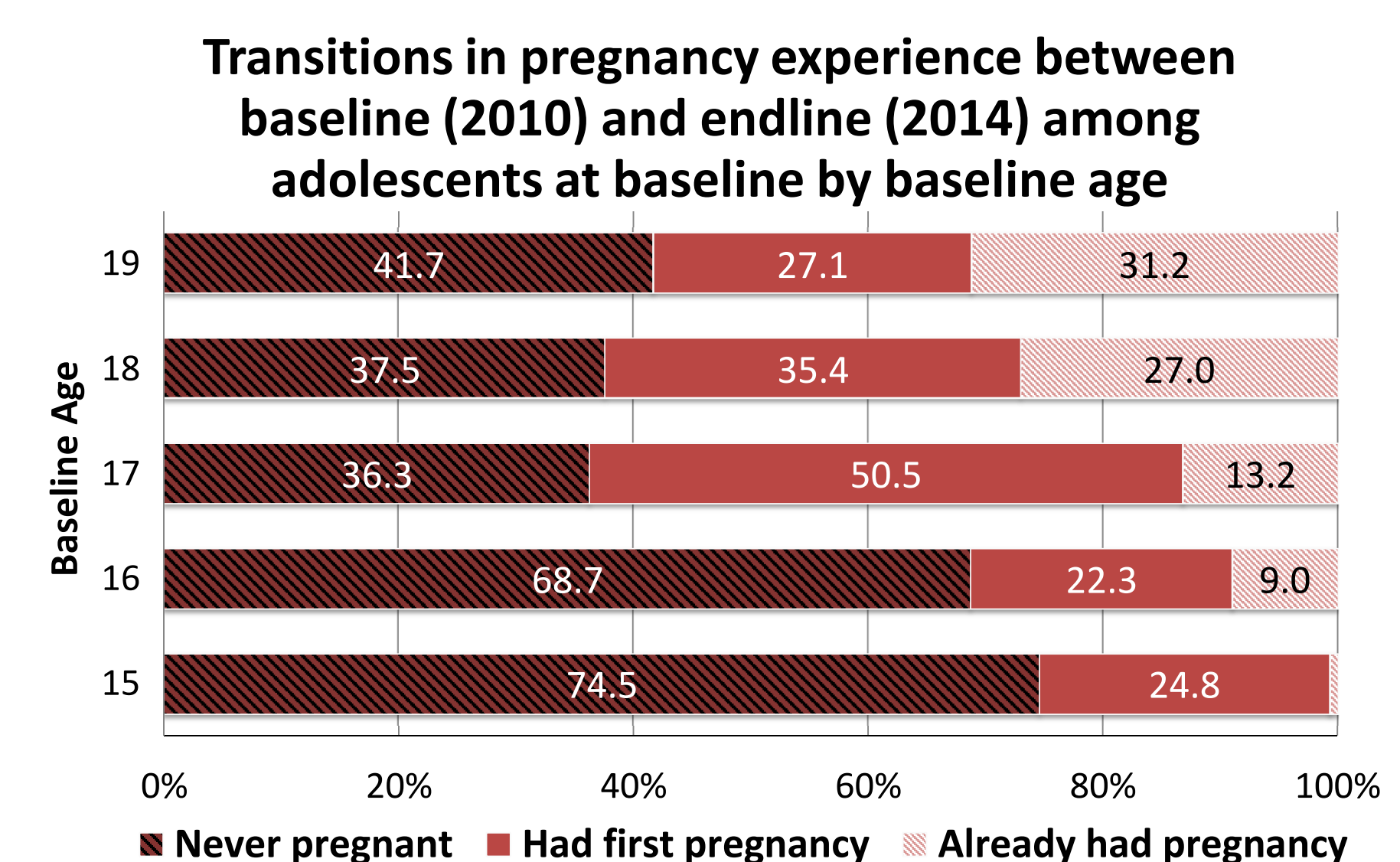
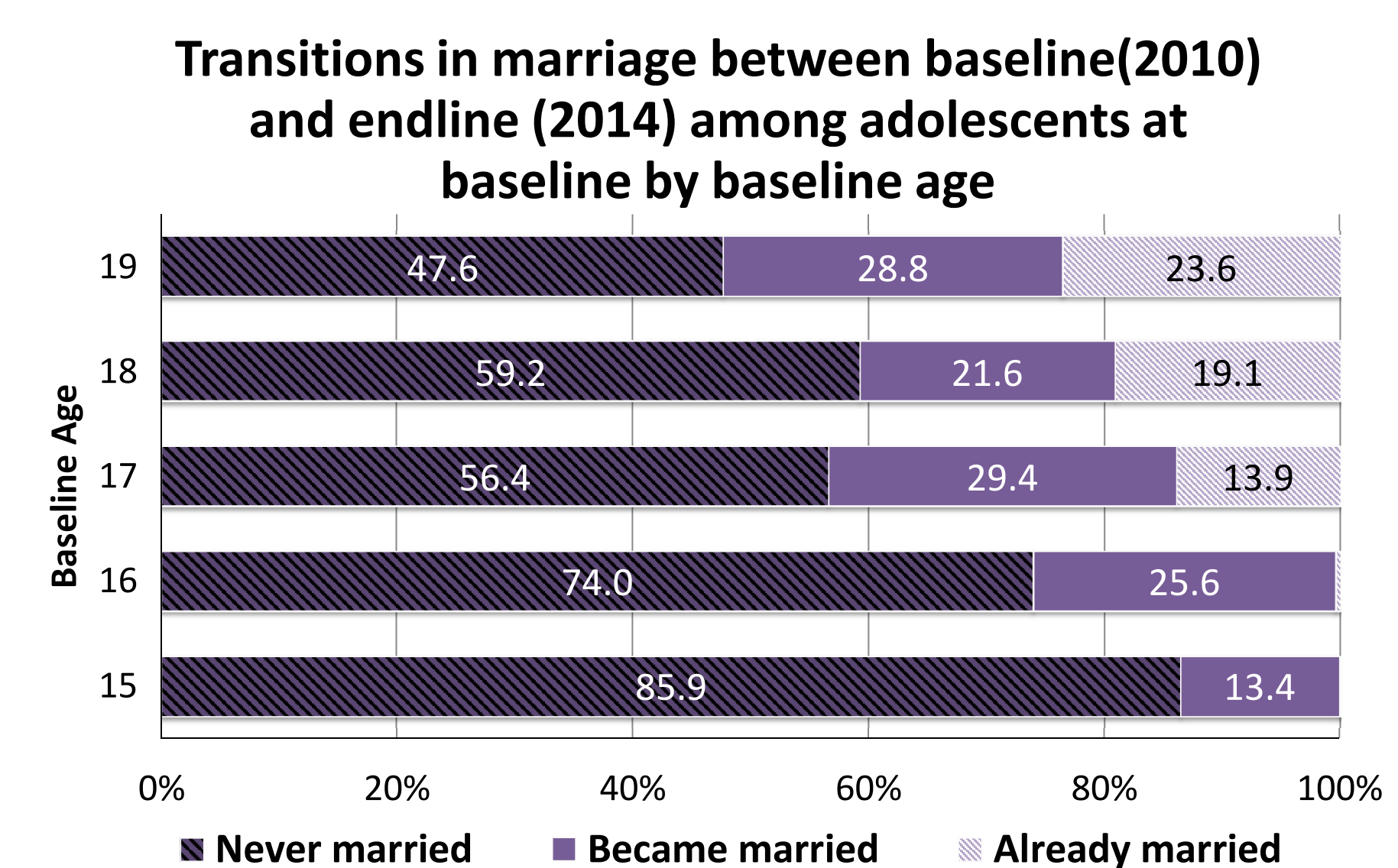
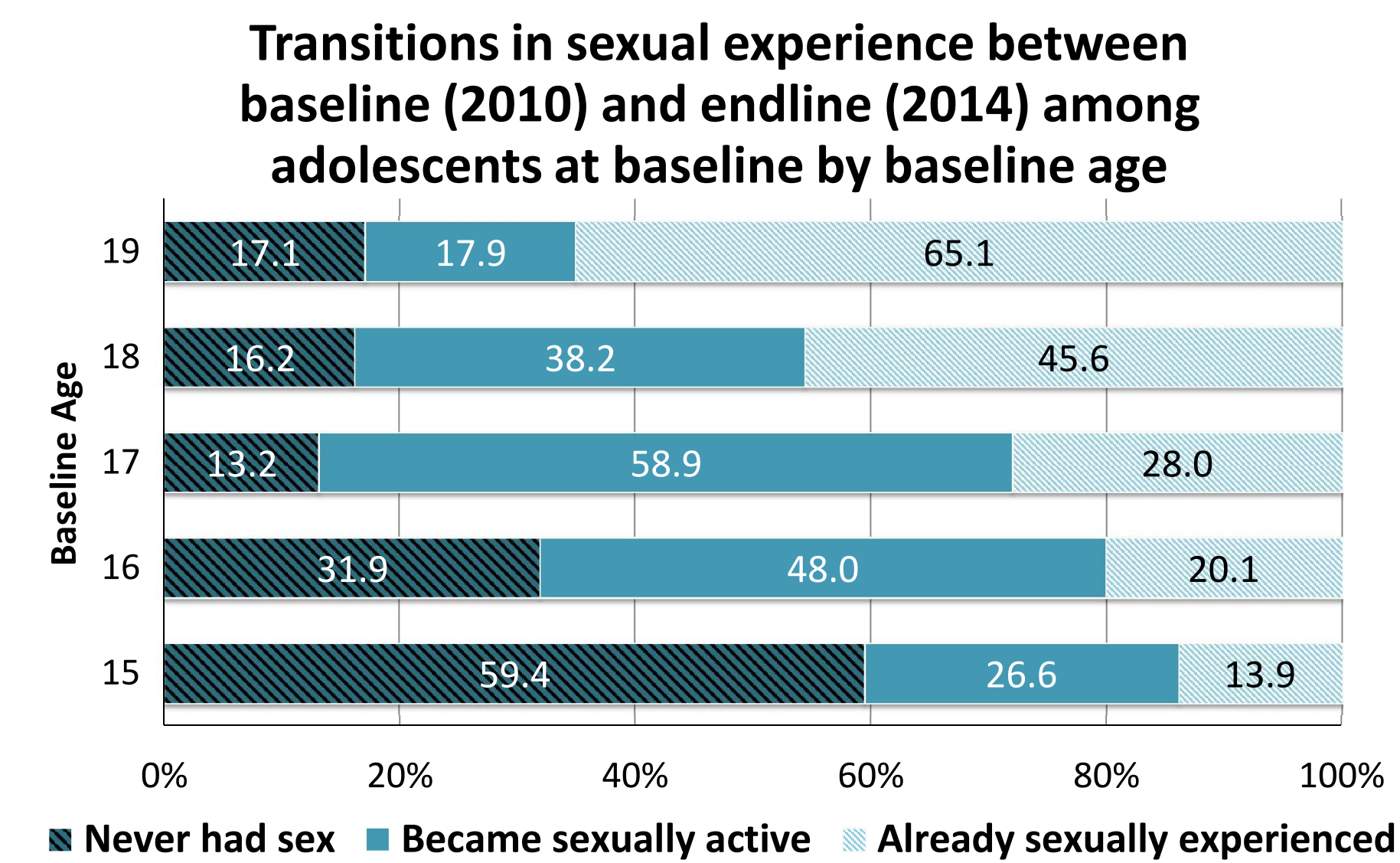
- Longitudinal data from the Measurement, Learning & Evaluation Project (MLE)
 - Kenya – 5 study cities (see map)
 - Baseline (2010)
 - Representative sample of women age 15-49 in each city
 - Endline (2014)
 - Data collected from the same women
 - Specific questions about exposure to program activities
- Outcomes:
 - Transition to first sex
 - Transition to first marriage
 - Transition to first pregnancy or birth

KENYA ADOLESCENT SAMPLE INFORMATION	
% of baseline sample 15-19	12%
% of eligible adolescents tracked and interviewed at endline	48%
# of adolescents in matched baseline-endline sample	581

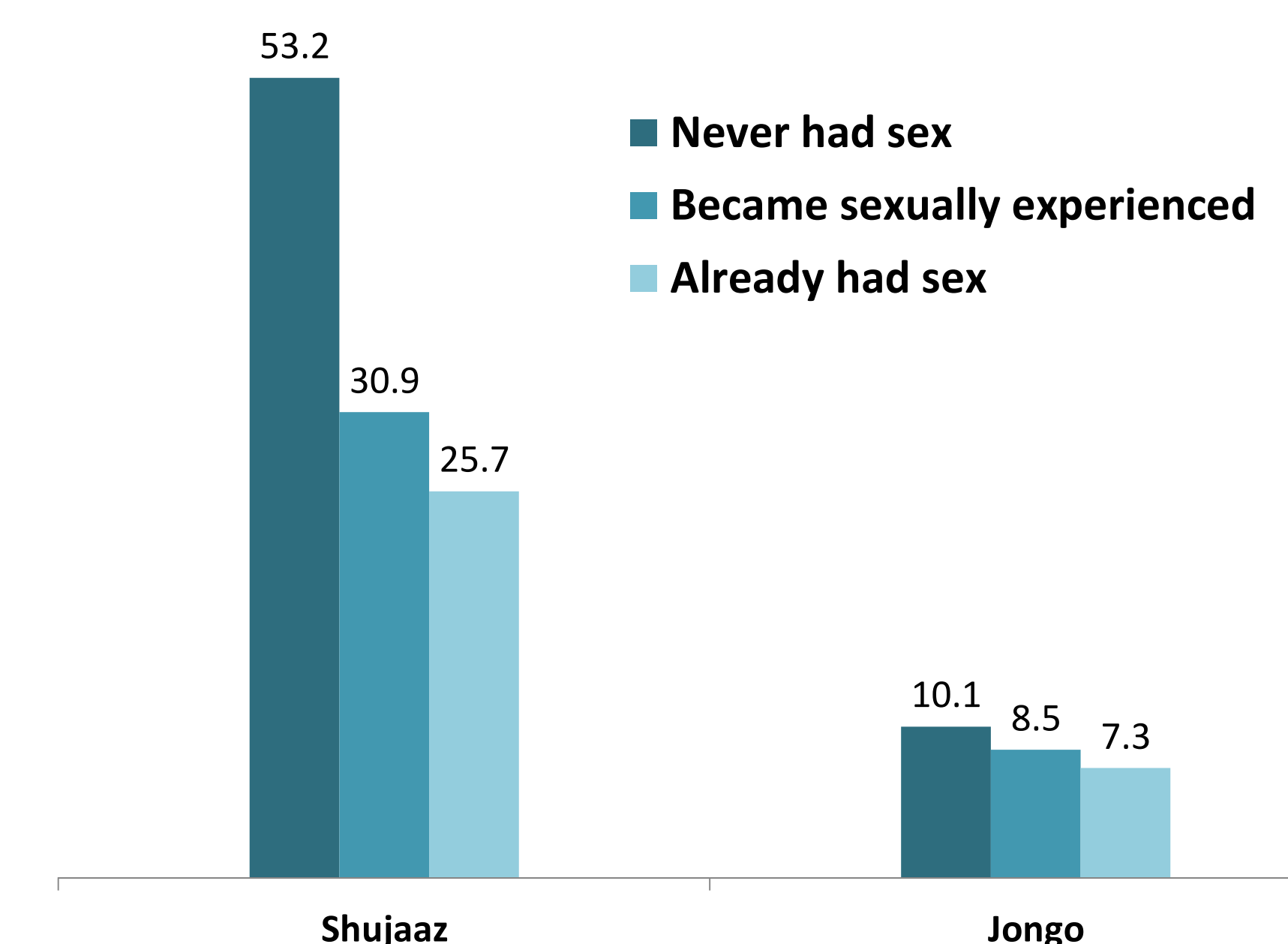
Results

Summary of Transitions:

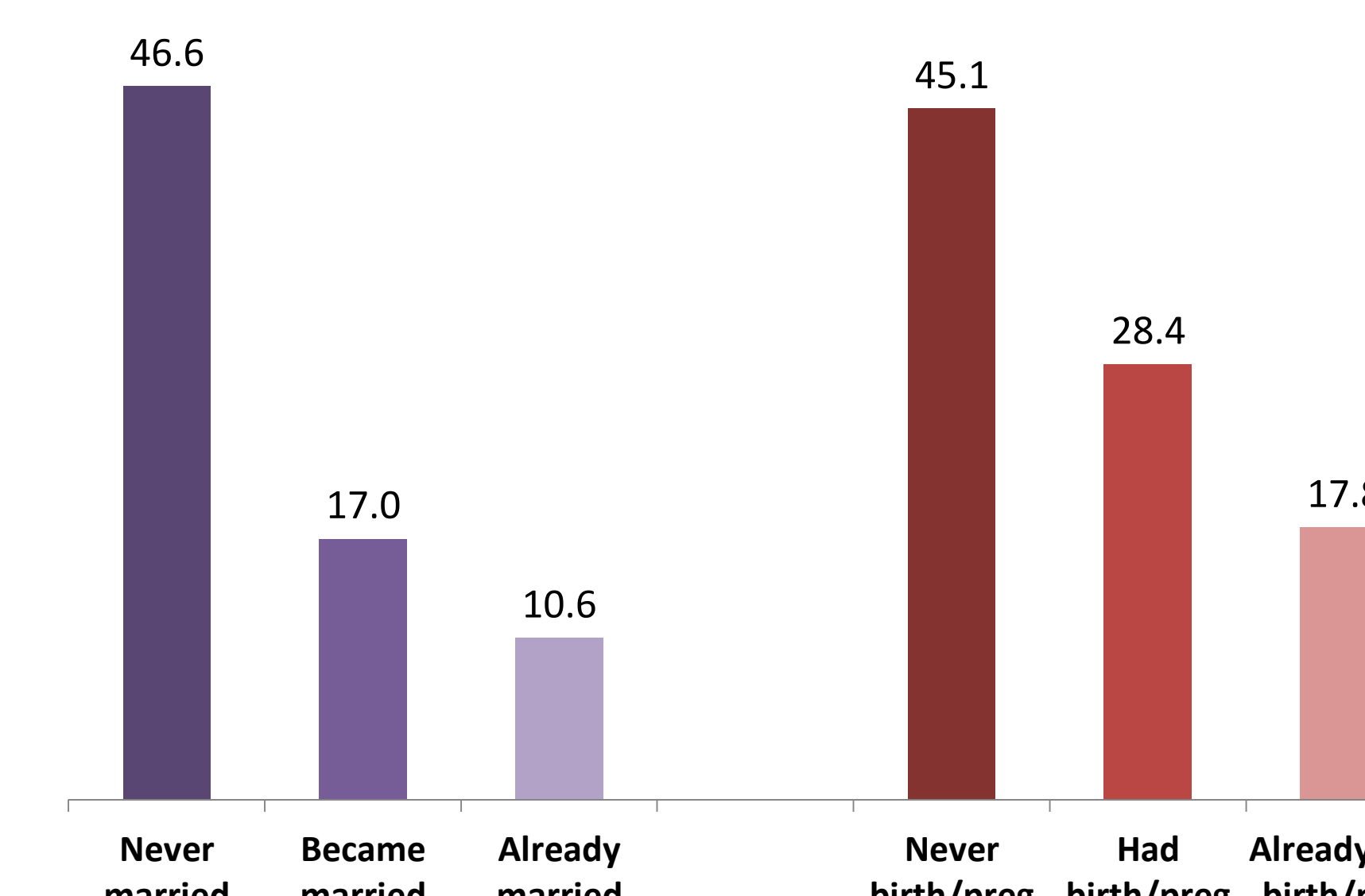
- ¼ of 15 year olds transition to first sex in 4-year follow-up
- ¼ of 15 year olds transition to first pregnancy or birth in 4 year follow-up
- By 19, most adolescents are sexually experienced; 1/3 have had first pregnancy or birth
- More transitions to pregnancy or birth than to marriage



Percentage exposed to Shujaaz and Jongo Love by transition in sex in four-year follow-up



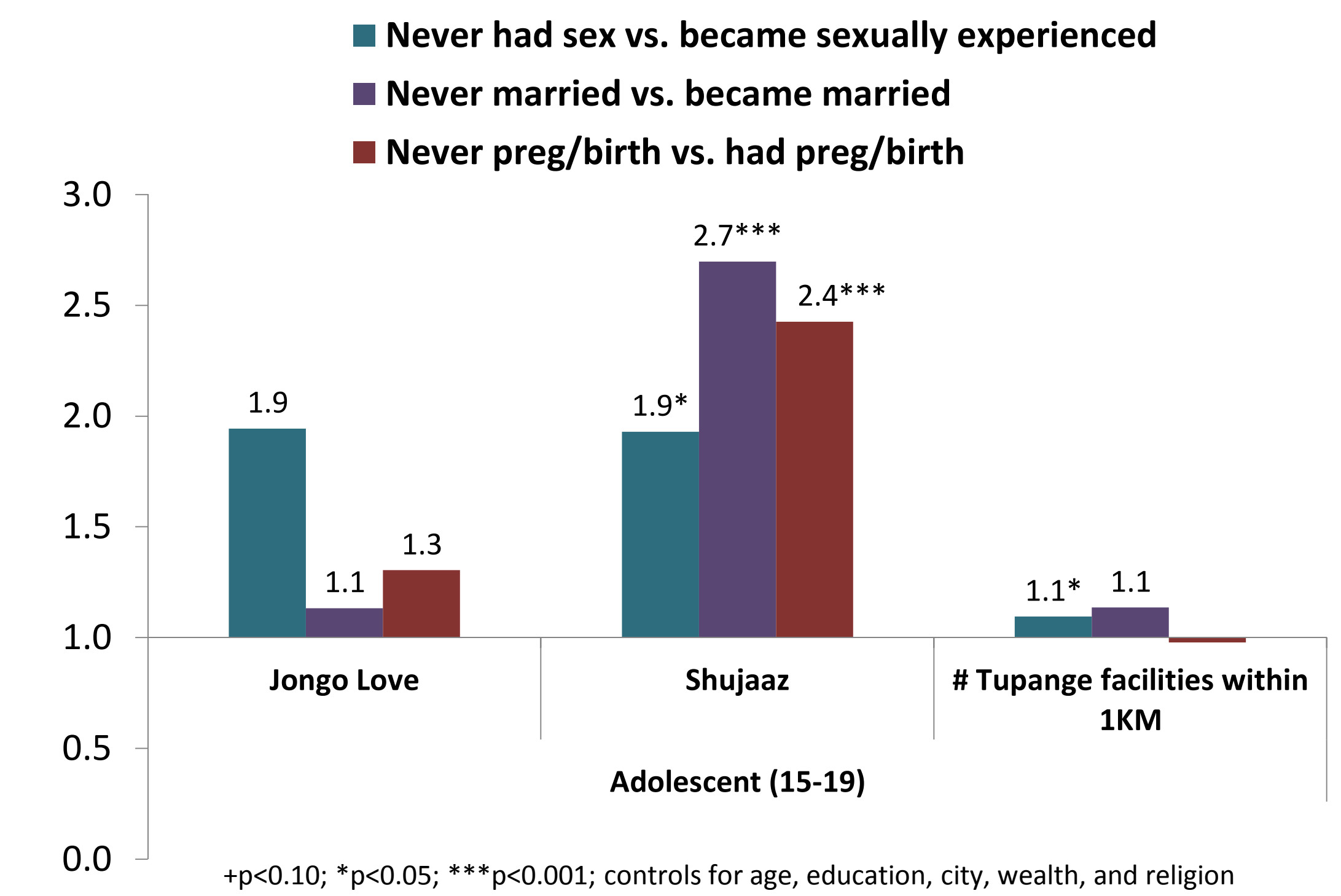
Percentage exposed to Shujaaz by transition to marriage and pregnancy/birth in 4-years



Summary of Exposure:

- Shujaaz and Jongo Love – only Tupange activities with higher exposure among adolescents than youth and older ages
- Bivariate: Exposure to Shujaaz related to delayed sexual debut (those who delay first sex, more likely to be exposed to Shujaaz)
- Bivariate: Shujaaz also related to delayed marriage and delayed first birth/pregnancy

Relative risk ratios from MV analysis of Tupange program activities' impact on adolescent transitions



Discussion

- Transitions to pregnancy/birth in Kenya separate from transition to marriage
 - Indicative of premarital sex and non-marital births
- Adolescents less likely to be exposed to many activities that target married women/older ages in Kenya
- Targeted program activities for adolescents such as comic books and radio programs in Kenya found to be related to less transition to first sex, first marriage, and first pregnancy or birth

Strengths and Limitations

- Using longitudinal data it is possible to examine transitions in behaviors over the intervention period
- Large sample sizes permit detailed analyses of program exposure among adolescents
- Loss to follow-up was highest among young and unmarried women; this may reflect moving at the time of marriage – weights adjusted for this selection bias

Conclusions

- Programs should explicitly target young people with channels and messages that are the most salient for them
- Similar youth-targeted programs should be tested in other urban settings