TESTING THE EFFECTS OF CASH V. CASH PLUS EMPOWERMENT PROGRAMS FOR YOUNG ADOLESCENT GIRLS IN KENYA: MIDLINE EVALUATION RESULTS FROM THE ADOLESCENT GIRLS INITIATIVE—KENYA.

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Challenges – Adolescent Girls in Kenya

• **PREGNANCY**: Nairobi informal settlements
  – 9% of 15-17
  – 45% of 18-20

• **MARRIAGE**: Northeastern Kenya
  – 50% married by age 18

• **EDUCATION**: In Wajir,
  – 25% of 10-14 are out of school;
  – 43% of 15-19 in urban areas are out of school

• **SGBV**: In Kenya,
  – >50% report acceptance of spousal abuse

• All combined with household economic poverty
Research questions?

• What package of multi-sectoral, multi-level interventions has impact for adolescent girls?

• What are the effects of cash v. cash-plus?
Intervention Arms

ARM 1
Community engagement

ARM 2
Community engagement + Education Cash Transfer

ARM 3
Community engagement + Education Cash Transfer + Health/Lifeskills

ARM 4
Community engagement + Education Cash Transfer + Health/Lifeskills + Wealth
Study Sites
Randomized Controlled Trial Design

WAJIR:
Random assignment
80 Clusters
(~3,400 girls)

NAIROBI:
Random assignment
(~2,500 girls)

**Jan-Apr ‘15**
- Arm 1: Baseline
- Arm 2: Baseline
- Arm 3: Baseline
- Arm 4: Baseline

**Aug ‘15-Jul ‘17**
- Community Engagement
- Community + Education CT
- Community + Education CT + Health
- Community + Education CT + Health + Wealth

**Apr-Sep ‘17**
- Midline
- Midline
- Midline
- Midline

**Apr-Sep ‘19**
- Endline
- Endline
- Endline
- Endline
### Kibera Results

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Increase ITT</th>
<th>Increase TOT*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary school completion</td>
<td>7%</td>
<td>18%</td>
</tr>
<tr>
<td>Transition to secondary school</td>
<td>8%</td>
<td>9%</td>
</tr>
<tr>
<td>Experience of violence by male in past 1 year</td>
<td>-9%</td>
<td>-16%</td>
</tr>
<tr>
<td>Knowledge of modern contraceptive method</td>
<td>12%</td>
<td>25%</td>
</tr>
<tr>
<td>Condom self-efficacy (5-25)</td>
<td>1 point</td>
<td>2 points</td>
</tr>
<tr>
<td>Financial literacy (0-10)</td>
<td>.75</td>
<td>1.45 (VEHW)</td>
</tr>
<tr>
<td>Saved in past six months</td>
<td>20%</td>
<td>40%</td>
</tr>
</tbody>
</table>

*for girls in VEH and VEHW arms

- **no change:**
  - Primary school enrollment; literacy; numeracy
  - Gender attitudes – individual and household; acceptability of IPV
  - Longer term indicators (sex, birth, marriage – but sample is still young)
## Wajir Results

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Increase ITT</th>
<th>Increase TOT*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary school enrollment</td>
<td>21%</td>
<td>31%</td>
</tr>
<tr>
<td>HH expectation that girls will complete secondary school</td>
<td>9%</td>
<td>17%</td>
</tr>
<tr>
<td>HH expectation that girl will marry after age 18</td>
<td>-3%</td>
<td>-6%</td>
</tr>
<tr>
<td>Financial literacy (0-10)</td>
<td>.7</td>
<td>1.43</td>
</tr>
<tr>
<td>Saved in past six months</td>
<td>41%</td>
<td>84%</td>
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</tbody>
</table>

- **no change:**
  - Household liquidity and wealth
  - Reporting of violence
  - SRH knowledge and safety nets
  - Attitudes around FGM – individual and household; acceptability of IPV
  - Longer term indicators – marriage, birth
Cash v. Cash-Plus

1. Cash alone had impact on the outcomes for which it was conditioned (education) and violence.

2. Cash-Plus had impact on the widest range of outcomes for adolescent well-being.

3. Active participation in empowerment programs strengthened the impact on education and violence.
Program and Policy Implications

1. Education cash transfer worked but context matters.

2. In very under-resourced, socially-conservative settings, education and economic strengthening are a draw.

3. Addressing household economic constraints potentially created space for girl-level change.

4. Impact on gender attitudes and violence outcomes differ by site.
Discussion

Study website:
http://www.popcouncil.org/research/adolescent-girls-initiative-action-research-program

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