Comparison of Exposure to Sexual Violence: Camp-settled and Self-settled Refugee Populations
West Nile, Uganda

Presentation at SVRI Forum 2009
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Background

• Conflict and sexual violence
  – Rape
  – Forced prostitution and sexual slavery
  – Forced marriage
  – Sexual exploitation

• Affects women and girls, men and boys
  – Refugees
  – IDPs
  – Individuals living in conflict areas
  – Combatants, child soldiers
Background

• Definition of refugee
  – Self-settled refugees
  – Camp-settled refugees

• Refugees in Africa
  – 2.7 million

• Refugees in Uganda
  – 155,400

• Local integration and self-settlement
Background

- Forced migration Uganda and Sudan
- Sudanese refugees in Arua District
  - 38,000 at time of survey
- Koboko self-settled refugees
  - 12,000 estimated 2005
  - 8 health centers
  - Average distance to health center 6-7 km.
  - No tarmac roads
  - 88% of land arable

http://www.koboko.go.ug/districtprofile_category.php?id=18
Description of Research and Methods

- Secondary data analysis
- Survey data collected in 1999-2000
- Sampling methods
- Sample for current analysis
- Field sites
Description of Research and Methods

• Study aims
  – Background characteristics of population groups
    • In what ways do camp-settled and self-settled refugees differ?
  – Risk of sexual violence
    • Rape/sexual abuse
    • Sex for food or security
    • Forced prostitution or sexual slavery
  – Risk of early marriage
  – Impact of early marriage on education, spousal abuse
Results

Age Distribution

Percentage of respondents

Five-year age groups

- Camp-settled
- Self-settled
- Ugandans
Results

Ethnic Groups
Camp-settled Refugees

- Kakwa: 48%
- Pojulu: 19%
- Lugbara: 32%
- Other: 1%

Legend:
- Kakwa
- Pojulu
- Lugbara
- Other
Results

Ethnic Groups
Self-settled Refugees

- Kakwa: 59%
- Pojulu: 21%
- Other: 20%

Legend:
- Kakwa
- Pojulu
- Other
Results

Marital Status

- Camp-settled Self-settled Ugandans

- Widowed
- Divorced
- Separated
- Cohabiting
- Married
- Single
Results

Highest Level of Education Attended

- Ugandans
- Self-settled
- Camp-settled

Percentage of respondents

- University
- Tertiary
- Secondary
- Primary/junior
- None
Results

Occupation

- Camp-settled Self-settled Ugandans
  - Occupation: No occupation, Agriculture, Trading/selling, Contract labor, Brewing alcohol, Other
Results

Registered as a refugee

Camp-settled
- Yes: 94%
- No: 6%

Self-settled
- Yes: 41%
- No: 59%
Results

Receive assistance from government, UNHCR, or NGOs

- Camp-settled Self-settled Ugandans

<table>
<thead>
<tr>
<th>Population group</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Camp-settled</td>
<td>0.9</td>
<td>0.1</td>
</tr>
<tr>
<td>Self-settled</td>
<td>0.7</td>
<td>0.3</td>
</tr>
<tr>
<td>Ugandans</td>
<td>0.9</td>
<td>0.1</td>
</tr>
</tbody>
</table>
**Results**

<table>
<thead>
<tr>
<th>Ever experienced rape or sexual abuse</th>
<th>Refugees Combined</th>
<th>Ugandans</th>
<th>(\chi^2)</th>
<th>p-value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Refugees (combined) compared to Ugandans</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All ages</td>
<td>n = 954</td>
<td>n = 1027</td>
<td>18.19</td>
<td>.000</td>
</tr>
<tr>
<td>Yes</td>
<td>.12 (113)</td>
<td>.19 (192)</td>
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<td></td>
</tr>
<tr>
<td>No</td>
<td>.88 (841)</td>
<td>.81 (835)</td>
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<td></td>
</tr>
<tr>
<td>15-24 years</td>
<td>n = 373</td>
<td>n = 368</td>
<td>8.96</td>
<td>.01</td>
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<tr>
<td>Yes</td>
<td>.12 (43)</td>
<td>.19 (71)</td>
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<tr>
<td>No</td>
<td>.88 (330)</td>
<td>.80 (297)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Refugees**
- Yes: 12%
- No: 88%

**Ugandans**
- Yes: 19%
- No: 81%
Results

<table>
<thead>
<tr>
<th>Ever experienced rape or sexual abuse</th>
<th>Camp-settled refugees</th>
<th>Self-settled refugees</th>
<th>$\chi^2$</th>
<th>p-value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Camp-settled refugees compared to self-settled refugees</strong></td>
<td><strong>n = 399</strong></td>
<td><strong>n = 521</strong></td>
<td><strong>12.37</strong></td>
<td><strong>.000</strong></td>
</tr>
<tr>
<td><strong>All ages</strong></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Yes</td>
<td>.07 (28)</td>
<td>.14 (75)</td>
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</tr>
<tr>
<td>No</td>
<td>.93 (371)</td>
<td>.86 (446)</td>
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<td></td>
</tr>
<tr>
<td><strong>15-24 years</strong></td>
<td><strong>n = 140</strong></td>
<td><strong>n = 231</strong></td>
<td><strong>9.53</strong></td>
<td><strong>.002</strong></td>
</tr>
<tr>
<td>Yes</td>
<td>.05 (7)</td>
<td>.16 (36)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>No</td>
<td>.95 (133)</td>
<td>.85 (195)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Camp-settled

- Yes: 7%
- No: 93%

Self-settled

- Yes: 14%
- No: 86%
Results

Experienced rape or sexual abuse within the past year (among those who ever experienced rape or sexual abuse)

<table>
<thead>
<tr>
<th>Refugees (combined) compared to Ugandans</th>
<th>Refugees Combined</th>
<th>Ugandans</th>
<th>$\chi^2$</th>
<th>p-value</th>
</tr>
</thead>
<tbody>
<tr>
<td>All ages</td>
<td>n = 113</td>
<td>n = 192</td>
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<td>.001</td>
</tr>
<tr>
<td>Yes</td>
<td>.67 (76)</td>
<td>.84 (161)</td>
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<td></td>
</tr>
<tr>
<td>No</td>
<td>.33 (37)</td>
<td>.16 (31)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15-24 years</td>
<td>n = 43</td>
<td>n = 71</td>
<td>5.49</td>
<td>.019</td>
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<tr>
<td>Yes</td>
<td>.67 (29)</td>
<td>.86 (61)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>No</td>
<td>.33 (14)</td>
<td>.14 (10)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Refugees: Yes 67%, No 33%

Ugandans: Yes 84%, No 16%
## Results

### Experienced rape or sexual abuse within the past year (among those who ever experienced rape or sexual abuse)

<table>
<thead>
<tr>
<th>Camp-settled refugees compared to self-settled refugees</th>
<th>Camp-settled refugees</th>
<th>Self-settled refugees</th>
<th>$\chi^2$</th>
<th>p-value</th>
</tr>
</thead>
<tbody>
<tr>
<td>All ages</td>
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<td>n = 75</td>
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<td>.75 (56)</td>
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<tr>
<td>No</td>
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<td>.25 (19)</td>
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<td></td>
</tr>
<tr>
<td>15-24 years</td>
<td>n = 7</td>
<td>n = 36</td>
<td>10.76</td>
<td>.001</td>
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<tr>
<td>Yes</td>
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<td>.86 (6)</td>
<td>.22 (8)</td>
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</table>
## Results

<table>
<thead>
<tr>
<th>Ever experienced sex for food or security</th>
<th>Refugees Combined</th>
<th>Ugandans</th>
<th>$\chi^2$</th>
<th>p-value</th>
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</thead>
<tbody>
<tr>
<td>Refugees (combined) compared to Ugandans</td>
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<td></td>
<td></td>
</tr>
<tr>
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<td>n = 954</td>
<td>n = 1027</td>
<td>11.06</td>
<td>.001</td>
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<tr>
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<td>.11 (102)</td>
<td>.16 (162)</td>
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<td>.89 (852)</td>
<td>.84 (865)</td>
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<td></td>
</tr>
<tr>
<td>15-24 years</td>
<td>n = 373</td>
<td>n = 368</td>
<td>5.47</td>
<td>.019</td>
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<tr>
<td>Yes</td>
<td>.10 (39)</td>
<td>.16 (60)</td>
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<td>No</td>
<td>.90 (334)</td>
<td>.84 (308)</td>
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Results

Ever experienced sex for food or security

<table>
<thead>
<tr>
<th>Camp-settled refugees compared to self-settled refugees</th>
<th>Camp-settled refugees</th>
<th>Self-settled refugees</th>
<th>( \chi^2 )</th>
<th>p-value</th>
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</thead>
<tbody>
<tr>
<td><strong>All ages</strong></td>
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<td>n = 521</td>
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<td>.14 (72)</td>
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<tr>
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<td>.95 (379)</td>
<td>.86 (449)</td>
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<tr>
<td><strong>15-24 years</strong></td>
<td>n = 140</td>
<td>n = 231</td>
<td>16.74</td>
<td>.000</td>
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<tr>
<td>Yes</td>
<td>.02 (3)</td>
<td>.16 (36)</td>
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<tr>
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<td>.98 (137)</td>
<td>.84 (195)</td>
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<td></td>
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</tbody>
</table>

![Bar chart showing the proportion of refugees experiencing sex for food or security across different groups.](chart.png)
## Results

<table>
<thead>
<tr>
<th>Refugees (combined) compared to Ugandans</th>
<th>Refugees Combined</th>
<th>Ugandans</th>
<th>$\chi^2$</th>
<th>p-value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>All ages</strong></td>
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<td></td>
<td></td>
</tr>
<tr>
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<td>.80 (82)</td>
<td>.94 (152)</td>
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<td>.001</td>
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<tr>
<td>No</td>
<td>.20 (20)</td>
<td>.06 (10)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>15-24 years</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>.77 (30)</td>
<td>.92 (55)</td>
<td>4.23</td>
<td>.040</td>
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<tr>
<td>No</td>
<td>.23 (9)</td>
<td>.08 (5)</td>
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</tr>
</tbody>
</table>

Refugees: Yes 80%, No 20%

Ugandans: Yes 94%, No 6%
Results

Experienced sex for food or security within the past year (among those who ever experienced sex for food or security)

<table>
<thead>
<tr>
<th>Camp-settled refugees compared to self-settled refugees</th>
<th>Camp-settled refugees</th>
<th>Self-settled refugees</th>
<th>χ²</th>
<th>p-value</th>
</tr>
</thead>
<tbody>
<tr>
<td>All ages</td>
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<td>n = 72</td>
<td>9.24</td>
<td>.002</td>
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<tr>
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<td>.86 (62)</td>
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<td></td>
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<tr>
<td>No</td>
<td>.45 (9)</td>
<td>.14 (10)</td>
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<td></td>
</tr>
<tr>
<td>15-24 years</td>
<td>n = 3</td>
<td>n = 36</td>
<td>3.48</td>
<td>.062</td>
</tr>
<tr>
<td>Yes</td>
<td>.33 (1)</td>
<td>.81 (29)</td>
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<td></td>
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<tr>
<td>No</td>
<td>.67 (2)</td>
<td>.19 (7)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Yes: 55%  
No: 45%

Camp-settled

Yes: 86%  
No: 14%

Self-settled
Results

<table>
<thead>
<tr>
<th>Ever experienced forced prostitution/sexual slavery</th>
<th>Refugees of Combined</th>
<th>Refugees</th>
<th>Ugandans</th>
<th>$\chi^2$</th>
<th>p-value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Refugee combined compared to Ugandans</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All ages</td>
<td>n = 954</td>
<td>n = 1027</td>
<td></td>
<td>14.86</td>
<td>.000</td>
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<tr>
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<td>.16 (166)</td>
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<tr>
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<td>.90 (856)</td>
<td>.84 (861)</td>
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</tr>
<tr>
<td>15-24 years</td>
<td>n = 373</td>
<td>n = 368</td>
<td></td>
<td>8.36</td>
<td>.004</td>
</tr>
<tr>
<td>Yes</td>
<td>.10 (36)</td>
<td>.17 (62 )</td>
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<tr>
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<td>.90 (337)</td>
<td>.83 (306)</td>
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</tr>
</tbody>
</table>

Refugees

- Yes: 10%
- No: 90%

Ugandans

- Yes: 16%
- No: 84%
Results

<table>
<thead>
<tr>
<th>Camp-settled refugees compared to self-settled refugees</th>
<th>Camp-settled refugees</th>
<th>Self-settled refugees</th>
<th>$\chi^2$</th>
<th>p-value</th>
</tr>
</thead>
<tbody>
<tr>
<td>All ages</td>
<td>n = 399</td>
<td>n = 521</td>
<td>27.45</td>
<td>.000</td>
</tr>
<tr>
<td>Yes</td>
<td>.04 (15)</td>
<td>.14 (73)</td>
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<td>No</td>
<td>.96 (384)</td>
<td>.86 (448)</td>
<td></td>
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</tr>
<tr>
<td>15-24 years</td>
<td>n = 140</td>
<td>n = 231</td>
<td>20.74</td>
<td>.000</td>
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<tr>
<td>Yes</td>
<td>.01 (1)</td>
<td>.15 (35)</td>
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<td></td>
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<tr>
<td>No</td>
<td>.99 (139)</td>
<td>.85 (196)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Yes 4%

No 96%

Yes 14%

No 86%
Results

Experienced forced prostitution/sexual slavery within the past year (among those who ever experienced forced prostitution/sexual slavery)

<table>
<thead>
<tr>
<th>Refugees (combined) compared to Ugandans</th>
<th>Refugees Combined</th>
<th>Ugandans</th>
<th>$\chi^2$</th>
<th>p-value</th>
</tr>
</thead>
<tbody>
<tr>
<td>All ages</td>
<td>n = 98</td>
<td>n = 166</td>
<td></td>
<td></td>
</tr>
<tr>
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<td>11.28</td>
<td>.001</td>
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<td>No</td>
<td>.17 (17)</td>
<td>.05 (8)</td>
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</tr>
<tr>
<td>15-24 years</td>
<td>n = 36</td>
<td>n = 62</td>
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<td>No</td>
<td>.17 (6)</td>
<td>.06 (4)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Refugees: Yes 83%, No 17%
Ugandans: Yes 95%, No 5%
## Results

<table>
<thead>
<tr>
<th>Camp-settled refugees compared to self-settled refugees</th>
<th>Camp-settled refugees</th>
<th>Self-settled refugees</th>
<th>$\chi^2$</th>
<th>p-value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>All ages</strong></td>
<td>n = 15</td>
<td>n = 73</td>
<td>0.62</td>
<td>0.429</td>
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<td>.82 (60)</td>
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<td>.18 (13)</td>
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<td><strong>15-24 years</strong></td>
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<td>n = 35</td>
<td>0.21</td>
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<tr>
<td>No</td>
<td>0</td>
<td>.17 (6)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Camp-settled**: Yes 73%, No 27%
- **Self-settled**: Yes 82%, No 18%
What type of person is most likely to be forced to have sex?

- Camp-settled refugees
- Self-settled refugees
- Ugandans

The chart shows the percentage of each group for each category: Married woman (with husband), Unaccompanied adult woman, Girl, Any woman or girl, Boys, Other.
Which persons are most likely to force someone to have sex?

- Camp-settled refugees
- Self-settled refugees
- Ugandans
Results

Where is a person most likely to be forced to have sex?

- Camp-settled refugees
- Self-settled refugees
- Ugandans
Results

How much do you worry about being forced to have sex against your will?

- Extremely
- Quite a bit
- A little
- Not at all

(Ugandans, Self-settled, Camp-settled)
Limitations

• Definitions of key indicators, e.g. sexual abuse, sex for food or security, sexual slavery

• Temporality of sexual violence within context of conflict and migration

• Lack of information on perpetrators

• Lack of information on access to services linked to sexual violence events
Programmatic Implications

• What are the sexual violence response service capacities in health and other sectors?
• Assessments needed in refugee hosting communities
• Health sector services
  – Staff trained in sexual violence response
  – Sexual violence treatment protocol
  – Availability of psychosocial counseling
  – Referral to other sector services
Programmatic Implications

- National and district strategies and coordination mechanisms
  - Uganda national strategy on gender-based violence
  - Ministry of Gender, Labour and Social Development
  - How to translate national policies and protocol into functional district health service delivery for sexual and gender-based violence?
Programmatic Implications

Funding for gender-based violence integrated into national health and other budgets

- 2008 review of DHS findings and use in national planning
- Uganda: not mentioned in PSRP summary and objectives, but included in NPA

Website: http://africahealth2010.aed.org
Programmatic Implications

- 2005 CPA and repatriation of refugees
- Sexual violence service delivery challenges remain
- Relevance of the challenge to other protracted refugee situations, self-settled refugee populations, and local communities

Acknowledgments

• Advisor: Gilbert Burnham, MD, PhD

• Original data collection:
  – Unni Karunakara, DrPH
  – Kavita Singh, PhD

• Original research funded by:
  – CERTI/USAID
  – Andrew W. Mellon Foundation