



# Burundi PLACE Report

## Priorities for Local AIDS Control Efforts



This research has been supported by the President's Emergency Plan for AIDS Relief (PEPFAR) through the U.S. Agency for International Development (USAID) under the terms of MEASURE Evaluation cooperative agreement GHA-A-00-08-00003-00, which is implemented by the Carolina Population Center at the University of North Carolina at Chapel Hill, with Futures Group, ICF International, John Snow, Inc., Management Sciences for Health, and Tulane University. The views expressed in this publication do not necessarily reflect the views of PEPFAR, USAID or the United States government.

# Table of Contents

<i>Acknowledgements</i> .....	<i>1</i>
<i>Acronyms and Abbreviations</i> .....	<i>3</i>
<i>Executive Summary</i> .....	<i>4</i>
<i>Summary of PLACE Indicators</i> .....	<i>7</i>
<b>1</b> <b><i>Step 1: PLACE Strategy</i></b> .....	<b><i>13</i></b>
<b>1.1</b> <b>Background: HIV Epidemic in Burundi</b> .....	<b>13</b>
<b>1.2</b> <b>The PLACE Protocol: Objectives</b> .....	<b>13</b>
<b>1.3</b> <b>Ethical Review and Approval</b> .....	<b>15</b>
<b>1.4</b> <b>Identification of Areas for PLACE Implementation in Burundi</b> .....	<b>15</b>
<b>1.5</b> <b>Training and Instrument Adaptation</b> .....	<b>15</b>
<b>2</b> <b><i>Step 2: Where Do People Go to Meet New Sexual Partners? Findings from Community Informant Interviews</i></b> .....	<b><i>17</i></b>
<b>2.1</b> <b>Methods to Identify Venues</b> .....	<b>17</b>
<b>2.2</b> <b>Community Informant Fieldwork</b> .....	<b>17</b>
<b>2.3</b> <b>Characteristics of Community Informants</b> .....	<b>18</b>
<b>3</b> <b><i>Step 3: What Are the Characteristics of Venues Where People Meet New Sexual Partners?</i></b> .....	<b><i>19</i></b>
<b>3.1</b> <b>Methods</b> .....	<b>19</b>
<b>3.2</b> <b>Venue Verification Fieldwork</b> .....	<b>20</b>
<b>3.3</b> <b>Types of Venues</b> .....	<b>21</b>
<b>3.4</b> <b>Activities that Occur at Venues and Other Characteristics of Venues</b> .....	<b>23</b>
<b>3.5</b> <b>When Do People Visit Venues?</b> .....	<b>24</b>
<b>3.6</b> <b>HIV Prevention at Venues and Condom Availability at Venues</b> .....	<b>25</b>
<b>4</b> <b><i>Step 4: What are the Characteristics of People Who Socialize at Venues where People Meet New Sexual Partners? Findings from Interviews with People Socializing at Venues</i></b> .....	<b><i>27</i></b>
<b>4.1</b> <b>Methods</b> .....	<b>27</b>
<b>4.2</b> <b>Socio-demographic Characteristics of People Socializing at Venues</b> .....	<b>29</b>
<b>4.3</b> <b>How Frequently Do People Visit Venues?</b> .....	<b>30</b>
<b>4.4</b> <b>Where Do Venue Patrons Come from? Mobile Populations Are Important</b> .....	<b>31</b>
<b>4.5</b> <b>People Report Meeting New Sexual Partners at the Venues</b> .....	<b>32</b>
<b>4.6</b> <b>Age at First Sex</b> .....	<b>33</b>
<b>4.7</b> <b>Number of Partners and Rate of New Sexual Partnerships</b> .....	<b>34</b>
<b>4.8</b> <b>Those with the Highest Rates of New Sexual Partnerships</b> .....	<b>36</b>
<b>4.9</b> <b>Other Risk Factors for HIV Infection</b> .....	<b>37</b>
<b>4.10</b> <b>Condom Use</b> .....	<b>38</b>
<b>4.11</b> <b>HIV Testing and Circumcision</b> .....	<b>39</b>
<b>4.12</b> <b>Youth</b> .....	<b>40</b>
<b>4.13</b> <b>Key Populations: Commercial Sex Workers, Clients, Men Who Have Sex with Men, and Injection Drug Users</b> .....	<b>41</b>
<b>4.14</b> <b>Treatment for Sexually Transmitted Infections</b> .....	<b>44</b>
<b>4.15</b> <b>HIV Prevalence</b> .....	<b>44</b>
<b>4.16</b> <b>Population Size Estimates</b> .....	<b>45</b>
<b>5</b> <b><i>Step 5: Use Results to Improve Programs</i></b> .....	<b><i>46</i></b>
<b>5.1</b> <b>Analysis and Summary of Main Results</b> .....	<b>46</b>
<b>5.2</b> <b>Modes of Transmission Modeling (MoT)</b> .....	<b>48</b>

<b>6</b>	<b>Appendices .....</b>	<b>52</b>
<b>6.1</b>	<b>Appendix 1: Weighted frequency tables for most variables by type of area sampled: Bujumbura vs. other urban vs. rural areas .....</b>	<b>52</b>
<b>6.2</b>	<b>Appendix 2: Questionnaires.....</b>	<b>84</b>

## List of Tables

Table S.1.	Summary of Key PLACE Indicators .....	7
Table S.2.	PLACE Indicators for Youth .....	8
Table S.3.	PLACE Indicators by Level of Partnerships among Men .....	9
Table S.4.	PLACE Indicators by Level of Partnerships among Women.....	10
Table S.5.	PLACE Indicators for Female Sex Workers .....	11
Table S.6.	PLACE Indicators for Men who Have Sex with Men.....	12
Table 1.2.1.	The Five Steps of the PLACE Protocol.....	14
Table 2.2.1.	Community Informant Fieldwork.....	17
Table 2.3.1	Characteristics of Community Informants .....	18
Table 3.2.1.	Summary of Venue Verification Fieldwork .....	20
Table 3.3.1.	Types of Venues .....	21
Table 3.4.1.	Characteristics of Found and Verified Venues.....	23
Table 3.5.1.	Busy Times at Venues and Number of Patrons .....	24
Table 3.6.1.	HIV Prevention Activities at Venues .....	25
Table 4.2.1.	Socio-demographic Characteristics of Individuals at Venues .....	29
Table 4.3.1.	Self-Reported Venue Visiting Behavior .....	30
Table 4.4.1.	Mobile Populations.....	31
Table 4.5.1.	Meeting a New Partner at the Venue.....	32
Table 4.6.1.	Ever Had Sex and Age at First Sex.....	33
Table 4.7.1.	Rate of Partnership Acquisition .....	34
Table 4.7.2.	Percent Reporting 2+ Partners in the Past 12 Months: A Comparison of the PLACE Population with the General Population in Burundi.....	35
Table 4.8.1.	Gender and Rate of Sexual Partnership.....	36
Table 4.9.1.	Other Risk Factors for HIV Infection .....	37
Table 4.10.1.	Condom Use .....	38
Table 4.11.1.	HIV Testing and Circumcision .....	39
Table 4.12.1.	Characteristics of Young Adults .....	40
Table 4.13.1.	Transactional Sex, Men Having Sex with Men and Injection Drug Use.....	41
Table 4.13.2	PLACE Indicators for Female Sex Workers.....	42
Table 4.13.3	PLACE Indicators for Men who Have Sex with Men .....	43
Table 4.14.1.	STI Symptoms .....	44
Table 4.15.1.	Prevalence of HIV Infection.....	44
Table 4.16.1.	Population Size Estimates.....	45
Table 5.1.1.	Priority Venues.....	47
Table 5.2.1.	Definitions Used to Classify Individuals According to Risk Behavior.....	48
Table 5.2.2.	Model Inputs for Each Population.....	49
Table 5.2.3.	Model Estimated Annual HIV Infections by Population .....	49

## List of Figures

Figure 2.3.1.	Type of Community Informants .....	18
Figure 3.3.1.	Type of Venues Verified.....	22
Figure 3.4.1.	On-site Activities As Reported By Venue Informant.....	24
Figure 3.6.1.	HIV Prevention Activities and Condom Availability On-Site .....	26
Figure 4.1.1.	Site Diagram for Random Selection of Participants .....	28
Figure 4.1.2.	Site Diagram for the Alternative Method of Random Selection .....	28
Figure 4.3.1.	Frequency of Attendance at Venue by Gender.....	31

Figure 4.5.1.	Partner Selection Reported by Individuals Interviewed at Venues.....	32
Figure 4.7.1.	Number of Sexual Partners during Past Four Weeks and 12 Months.....	35
Figure 4.8.1.	Rate of Partnership Acquisition.....	36
Figure 4.10.1.	Condom Use.....	38
Figure 4.15.1.	HIV Prevalence by Sex, History of Sex Work and Partnership Rate.....	45
Figure 5.2.1.	Distribution of New Infections by Mode of Transmission, Burundi, 2013.....	50
Figure 5.2.2.	Estimated HIV Incidence per 100,000 by Population, Burundi, 2013.....	51

## Acknowledgements

This document represents the result of an individual and multiple agency collaboration.

### **Collaborating Institutions**

Office of Statistical Development and Organizational Support (CADSAO), Bujumbura  
University of North Carolina, Chapel Hill, NC USA (UNC)

Ministry of Public Health, National Council for the Fight against AIDS (SEP/CNLS),  
Bujumbura

Population Services International (PSI), which helped with GPS units

Society for Women Against AIDS in Africa (SWAA), for helping organize HIV testing

Maternal and Child Health Program (MCH), which provided HIV test kits

Joint United Nations Programme on HIV/AIDS (UNAIDS)

World Health Organization (WHO)

United States Agency for International Development (USAID)

Ministry of Public Health and the Fight against AIDS (MSPLS)

National AIDS and STI Program (PNLS/IST)

National Reference Center for AIDS (CNR)

Agency for Cooperation and Research in Development (ACORD) Burundi

Institute for Statistics and Economic Studies of Burundi (ISTEEBU)

Burundi Alliance Against AIDS (ABS)

Network of People living with HIV and AIDS (RPB+)

Association for the Sensitization on Issues Related to Sex Work (ASSOUPEVU)

### **Steering Committee**

Apollinaire Kavungerwa, President, SEP/CNLS

Audace Niyongere, Vice-president, USAID

Dr. Julien Kamyó, Secretary, PNLS/IST

Athanase Nkuzimana, Secretary, SEP/CNLS

Asmin Hassan, Member, MSPLS

Audace Buderu, Member, UNAIDS

Dr. Léonard Ntirampeba, Member, SEP/CNLS

Emmanuel Nindagiye, Member, CNR

Dr. Denise Nkezimana, Member, WHO

Gloriose Kamariza, Member, SEP/CNLS

Thérèse Ntahompagaze, Member, SEP/CNLS

Alexis Nzeyimana, Member, SEP/CNLS

Dr. Félicitée Nkuzimana, Member, PNLS/IST

Ferdinand Ciza, Member, PNLS/IST

Liliane Ruvakubusa, Member, SEP/CNLS

Alain Sahabo, Member, HUMURE

Chantal Ndayikeje, Member, ASSOUPEVU

Alice Harushimana, Member, ACORD

Noé Nduwabike, Member, ISTEEBU

Léon Ndayizeye, Member, ABS

Jean-Claude Nijimbere, Member, RBP+

Déo Kavamahanga, Member, PSI

Frédéric Hakizimana, Member, SEP/CNLS

**Research Team**

Diane Mpinganzima, Burundi Principal Investigator  
CADSAO, Bujumbura, Burundi

Sharon S Weir, Principal Investigator  
MEASURE Evaluation Project, Carolina Population Center, University of North  
Carolina at Chapel Hill, Chapel Hill, NC USA

André Bizozza, Biostatistician, CADSAO  
William M Miller, Epidemiologist, UNC  
Annick Irakoze, Administrative Assistant, CADSAO

**Field Coordinators**

Benjamin Ndagijimana  
Séraphine Nisabwe  
Juliette Kamwiza  
Jean Paul Yengayenge

**Interviewers**

Raissa Barihuta  
Leanne Bukuru  
Ferdinand Ciza  
J de Dieu Ciza  
Yves Michel Cubahiro  
Panyi Godelieve  
Eric Hatungimana  
Sandrine Kamariza  
Jessie Kaze  
Yvette Kimana  
Christa Bella Izere  
Landrada Mbarirande  
Leila Mukeze  
Sheba Munezero  
Imelde Mureranyonga  
Honore Ndayisaba  
P Claver Ndayisenga  
Yvette Ndikumana  
Ferdinand Ndikuriyo  
Odette Nibaruta  
Alida Nibizi  
J Claude Nijimbere  
Immaculée Nijimbere  
Philibert Nitunga  
Emmanuel Niyomwungere  
Olivier Nsengiyumva  
Arsène Ntwari  
Carine Simbakwira

We thank Keith Sabin (UNAIDS), Kimberly Marsh (UNAIDS), Mary Mahy (UNAIDS)  
and Annick Borquez (Imperial College London) for their technical advice.

## **Acronyms and Abbreviations**

AIDS Acquired immunodeficiency syndrome

ART Antiretroviral therapy

BSS Bio-behavioral sentinel survey

CADSAO Cabinet de Développement de Statistiques et d'Appui aux Organisations

CI Confidence interval

CNLS Conseil National de Lutte Contre le SIDA

DHS Demographic health survey

DK Does not know

FSW Female sex worker

GPS Global positioning system

HCT HIV counseling and testing

HIV Human immunodeficiency virus

IDU People who inject drugs

IRB Internal review board

MoT Modes of transmission

MSM Men who have sex with men

NA Not applicable

PLACE Priorities for Local AIDS Control Efforts

PPA Priority prevention area

STI Sexually transmitted infection

UNAIDS Joint United Nations Programme on HIV

USAID United States Agency for International Development

---

## **Executive Summary**

---

### **What is the PLACE method?**

Because resources for HIV prevention programs are limited, there is an urgent need to focus interventions where they are most cost-effective. To prevent new infections in a cost-effective way, HIV prevention programs should focus on areas likely to have a higher incidence of infection. The Priorities for Local AIDS Control Efforts (PLACE) method is a monitoring tool to identify areas likely to have a higher incidence of infection.

Within these areas, PLACE identifies specific venues where HIV prevention programs should be focused in order to reach those most at risk of acquiring and transmitting HIV, provides indicators that monitor HIV/AIDS prevention program coverage, and identifies gaps in prevention programs. The method has been effective at mobilizing local populations to make progress in addressing gaps in prevention programs.

### **How was the PLACE Strategy developed?**

A steering committee decided to implement PLACE in strategically chosen provinces and cities. Of 127 communes in Burundi, 65 were selected based on the prevalence of HIV and concentration of key populations.

The results of PLACE will be used as the basis for local HIV/AIDS strategic plans and to guide prevention programming decisions. Without the PLACE assessments, these communes would not have the information they need to target prevention efforts.

### **For which key populations should indicators be measured?**

PLACE provides a description of the population socializing at venues known to be places where people meet new sexual partners. This is a critical group to reach with prevention programs. The steering committee also chose to focus on the following key populations: female sex workers and men who have sex with men.

### **How were the priority prevention areas (PPA) selected for the PLACE study?**

The priority prevention areas were identified and selected to have the widest possible coverage of the country. A total of 65 municipalities (13 from Bujumbura, 20 other urban areas and 32 rural municipalities) were selected for this study.

### **Where do people meet new sexual partners in Burundi?**

Key informants from the community were identified within each of the priority prevention areas to identify sites where new relationships sexual partnerships. Then, each site was visited and a person familiar with the site was interviewed on its characteristics. Finally, the sites were sampled and interviews were conducted with sites patrons and workers to characterize sexual behavior and HIV seroprevalence in each PPA.

Over 1,700 of community informants were interviewed to identify venues where people meet new sexual partners. Approximately 2,500 different venues were named. Venues reported by community informants were eligible for a site visit. Overall, a total of 2,293 venues reported by community informants were visited and verified. Of the 2,293 venues visited, 70% are bars, but

many other types of venues were visited including hotels, private houses, restaurants, universities, schools among others types.

### **The rate of sexual partnerships is high among venue patrons.**

The rate of new sexual partnerships reported by people socializing at the venues is very high. Approximately 25% of the men and women have met a new partner in the past four weeks. More than 30% of people socializing at venues have had two or more partners in the past year.

### **Condoms are uncommon in venues and rarely used by patrons.**

Overall, approximately 60% of people socializing at venues have never used a condom and only 4% carry a condom with them. Approximately 20% had used a condom the last time they had vaginal sex and only 5% the last time they had anal sex. Among those who have had more than two partners in the past year or a new sexual partner in the past four weeks, approximately one third reported using a condom the last time they had vaginal sex.

### **Many youth aged 15-24 meet new sexual partners at venues.**

More than one third of youth have two or more partners per year. Overall, 35% of youth aged 15-24 socializing at venues have never used a condom and only 5% carry a condom. Among those who have had more than two partners in the past year or a new sexual partner in the past four weeks, 40% of young men and women used a condom the last time they had vaginal sex and less than 15% used a condom the last time they had anal sex.

### **Transactional sex takes place at most venues and HIV prevalence is highest among women who are paid money for sex.**

Site informants reported that at half of the 2,300 venues visited, women come to solicit customers while at approximately 75% of venues sampled for individual interviews, at least one woman reported having received money in exchange for sex. There are an estimated 51,482 female sex workers in Burundi: 14,562 in Bujumbura, 10,007 in other urban areas and 26,913 in rural areas. The national estimate is approximately 2.4% of the adult female population (age 15-49). Among all women at venues, about 30% have ever received money in exchange for sex.

The prevalence of HIV infection is higher among female sex workers than any other risk population: 21% among women who exchange money for sex in the past year. Less than half of female sex workers used a condom at last intercourse and approximately 40% have been tested for HIV in the past year.

### **Venues where men meet male sex partners are hidden and HIV prevalence is higher among men who have sex with men than other male populations.**

Site informants reported that at only 2% of venues do men meet male sex partners. Those venues were oversampled to obtain more robust estimates of HIV prevalence and sexual behaviors among the population, and at least one man reporting sex with other men was interviewed at 44% of venues where patron interviews were conducted. Based on site interviews, it is estimated that 9,346 men who have sex with men live in Burundi (5,385 in Bujumbura, 2,245 in other urban areas and 1,716 in rural areas).

In addition to men who have sex with men interviewed at venues, an additional 150 men were recruited for a final sample of 290. The HIV prevalence among those men is 4.8%, compared to 2.9% among men from venues who reported no sex with men. Only 32% of men who have sex

with other men have been tested for HIV in the past year and approximately half used a condom at last anal intercourse.

**Overall, the PLACE method found a large gap in HIV prevention programs, but a willingness to improve programs at the venues.**

Overall, condoms were reportedly available on the day of the venue visit at 20% of venues though the interviewer physically saw condoms at only 10% of venues. HIV testing has been offered at only 2% of sites in the past year. In contrast, 92% of venue owners were willing to have HIV testing at the venue.

Less than half of men socializing have ever been tested for HIV and only one quarter has been tested in the past year. Testing is more common among women with 60% and 34% tested in the same periods, respectively. Half of men were circumcised, and 60% of those not circumcised were interested in the procedure.

**Program implications of the assessment:**

**With strong community involvement, interventions need to be further focused on venues where people meet new sexual partners.**

Based on the findings from this PLACE assessment, we recommend improved condom availability at venues where people meet new partners, HIV testing and linkage to care, voluntary male circumcision and studies to test the acceptability of HIV prevention interventions such as pre-exposure prophylaxis, female condoms and anti-retroviral-releasing vaginal rings.

## Summary of PLACE Indicators

**Table S.1. Summary of Key PLACE Indicators**

<b>Number of Community Informants Interviewed</b>	1,752	
<b>Total Number of Venues Reported by Community Informants</b>	2,460	
<b>Number of Venues where Venue Representative Interviewed</b>	2,293	
Of these, % of venues:		
that are bars	69.7	
where people meet new sexual partners	33.4	
where sex workers solicit	45.9	
where sex occurs onsite	25.3	
where people do drugs	4.6	
where men who have sex with men socialize	1.8	
where any HIV prevention had occurred at the venue	19.9	
where condoms were available and seen	11.2	
where condoms were never available in the past year	68.8	
where manager willing to have HIV testing at the venue	91.9	
<b>List of Key Behavioral/Socio-demographic Populations:</b>		
<b>Number of Venues Identified with:</b>		
0 key populations	23	
1-2 key populations	131	
3+ key populations	13	
<b>Number of Venues Where Patrons Interviewed</b>	<b>167</b>	
<b>Characteristics of Venue Patrons</b>	<b>Men</b>	<b>Women</b>
Estimated number of patrons at all venues at a busy time	81,089	41,904
Number of venue patrons interviewed at venues	1,249	1,190
Mean age of patrons	31.3	29.8
<b>Percentage of Patrons Who:</b>		
Are aged 15-24	35.5	43.7
Are unemployed	14.2	13.5
Do not live in the province	5.8	4.7
Visit the venue daily	66.0	32.0
Have injected drugs in the past 12 months	0.8	0.9
Gave or exchanged money for sex in the past 12 months	22.1	23.5
Had a new sexual partner in the past 12 months	27.3	25.6
Had more than one sexual partner in the past 12 months	34.6	29.2
Of these, % using a condom at last vaginal coitus	32.6	39.8
Of these, % using a condom at last anal coitus	8.8	11.9
Had sex with a man in the past 12 months (men only)	7.5	—
Had a symptom of an STI in the past 4 weeks (men only)	9.9	—
Are circumcised (men only)	48.6	—
Have ever been tested for HIV	43.4	60.3
Have been tested for HIV in the past 12 months	24.5	42.3
HIV prevalence	2.7	7.4
<b>Rate of Sexual Partnerships</b>		
High: 1+ new partners or 2+ partners past 4 weeks	31.3	34.7
Moderate: 1+ new or 2+ partners past 12 months	16.9	7.7
Low: Not sexually active or 1 sexual partner in the past 12 months	51.8	57.6

**Table S.2. PLACE Indicators for Youth**

<b>Characteristics of Venue Patrons</b>	<b>Young Men 15-24 (n=429) %</b>	<b>Young Women 15-24 (n=540) %</b>
Number of patrons interviewed	429	540
Mean age	20.9	20.2
<b>Percentage of Youth Age 15-24 Who:</b>		
Are unemployed	24.3	20.4
Are currently a student	24.5	20.8
Do not live in the province	7.1	3.8
Visit the venue daily	35.5	37.5
Have injected drugs in the past 12 months	0.1	0.7
Gave or exchanged money for sex in the past 12 months	19.0	31.7
Had a new sexual partner in the past 12 months	27.3	34.4
Had more than one sexual partner in the past 12 months	33.6	37.8
Of these, % using a condom at last vaginal coitus	39.5	43.6
Of these, % using a condom at last anal coitus	17.8	10.5
Had sex with a man in the past 12 months (men only)	10.2	—
Had a symptom of an STI in the past 4 weeks (men only)	9.8	—
Are circumcised (men only)	49.0	—
Have ever been tested for HIV	18.8	54.1
Have been tested for HIV in the past 12 months	15.7	32.3
HIV prevalence	2.0	8.1
<b>Rate of Sexual Partnerships</b>		
High: 1+ new partners or 2+ partners past 4 weeks	25.9	38.9
Moderate: 1+ new or 2+ partners past 12 months	17.3	9.3
Low: Not sexually active or 1 partner in the past 12 months	56.8	51.8

**Table S.3. PLACE Indicators by Level of Partnerships among Men**

Characteristics of Venue Patrons	Level of Sexual Partnerships		
	Low: One or No Sexual Partner in Past Year	Moderate: New or Multiple Partners in Past Year	High: New or Multiple Partners in Past 4 Weeks
Number of men interviewed	536	251	462
Mean Age	31.2	29.8	32.2
<b>Percentage of Men in Sexual Partnership Group Who:</b>			
Are aged 15-24	32.1	30.0	24.2
Are currently a student	14.7	9.5	5.1
Are unemployed	13.9	12.2	15.7
Do not live in the province	6.4	7.3	4.1
Visit the venue daily	44.1	35.0	35.1
Have injected drugs in the past 12 months	0.5	0.9	1.3
Gave or exchanged money for sex in the past 12 months	1.8	32.4	51.3
Had a new sexual partner in the past 12 months	0.0	57.4	58.1
Have met a partner at site	8.5	26.3	37.0
Have a main partner	61.3	67.4	81.4
Of these, % using condom at last sex with main partner	6.9	37.6	32.9
Have never used a condom	59.3	37.6	39.9
Used a condom at last vaginal sex	9.1	31.8	32.7
Used a condom at last anal sex	3.1	8.5	7.4
Had more than one sexual partner in the past 12 months	0.0	70.5	72.5
Of these, % using a condom at last vaginal coitus	—	26.8	35.6
Of these, % using a condom at last anal coitus	—	6.4	26.8
Had sex with a man in the past 12 months	5.2	12.2	8.7
Had a symptom of an STI in the past 4 weeks	5.2	14.8	16.0
Have ever been tested for HIV	39.1	55.0	44.3
HIV positive	1.5	3.9	4.1

Note: Table is read, for example, as among men with a high rate of partnerships, 24% are age 15-24.

**Table S.4. PLACE Indicators by Level of Partnerships among Women**

Characteristics of Venue Patrons	Level of Sexual Partnerships		
	Low: One or No Sexual Partners in Past Year	Moderate: New or Multiple Partners in Past Year	High: New or Multiple Partners in Past 4 Weeks
Number of women interviewed	540	120	530
Mean age	31.2	28.8	27.7
<b>Percentage of Women in Partnership Group Who:</b>			
Are aged 15-24	33.6	45.2	41.9
Are currently a student	11.9	19.8	4.5
Are unemployed	12.8	26.3	11.9
Do not live in the province	4.4	4.9	5.5
Visit the venue daily	30.7	34.9	45.6
Have injected drugs in the past 12 months	0.8	0.0	1.4
Gave or exchanged money for sex in the past 12 months	1.3	24.1	60.2
Had a new sexual partner in the past 12 months	0.0	60.5	60.5
Have met a partner at site	7.1	13.4	56.1
Have a main partner	61.3	68.7	73.1
Of these, % using condom at last sex with main partner	6.8	25.8	38.6
Have never used a condom	80.7	38.2	36.2
Used a condom at last vaginal sex	5.4	24.1	35.0
Used a condom at last anal sex	1.8	19.6	8.5
Had more than one sexual partner in the past 12 months	0.0	56.4	71.7
Of these, % using a condom at last vaginal coitus	—	23.9	42.6
Of these, % using a condom at last anal coitus	—	22.2	9.8
Have ever been tested for HIV	54.1	66.8	69.1
HIV positive	3.1	1.1	16.0

Note: Table is read as, for example, among women with a high rate of sexual partnerships, 42% are age 15-24.

**Table S.5. PLACE Indicators for Female Sex Workers**

<b>Characteristics of Venue Patrons</b>	<b>Female sex workers (n=495) %</b>
Number of patrons interviewed	429
Mean age	27.2
<b>Percentage of Female Sex Workers Who:</b>	
Are aged 15-24	47.4
Are currently a student	5.0
Are unemployed	10.9
Do not live in the province	7.4
Visit the venue daily	49.9
Visited two or more venues the day of the study	57.7
Have injected drugs in the past 12 months	0.1
Received money for sex in the past 12 months	75.6
Had more than one sexual partner in the past 12 months	78.5
Of these, % using a condom at last vaginal coitus	45.2
Of these, % using a condom at last anal coitus	9.1
Used a condom with the last client	45.1
Used a condom at last vaginal coitus	41.2
Consumed alcohol daily	47.8
Were ever raped	35.1
Were ever jailed	34.6
Were ever homeless	30.5
Had a sore or ulcer in genital area in the past 12 months	21.0
Have ever been tested for HIV	70.8
Have been tested for HIV in the past 12 months	42.6
Are aware of positive HIV serostatus	8.5
HIV prevalence	21.3
HIV prevalence among those unaware of status	17.8
<b>Rate of Sexual Partnerships</b>	
High: 1+ new partners or 2+ partners past 4 weeks	79.2
Moderate: 1+ new or 2+ partners past 12 months	8.0
Low: Not sexually active or 1 sexual partner in the past 12 months	12.7

**Table S.6. PLACE Indicators for Men who Have Sex with Men**

<b>Characteristics of Venue Men who Have Sex with Men</b>	<b>MSM (n=290) %</b>
Number of patrons interviewed	290
Mean age	28.6
<b>Percentage of Men Who Have Sex With Men Who:</b>	
Are aged 15-24	50.7
Are currently a student	28.2
Are unemployed	27.8
Do not live in the province	4.8
Visit the venue daily	24.0
Visited two or more venues the day of the study	54.3
Have injected drugs in the past 12 months	0.3
Had a new sex partner in the past 12 months	53.8
Paid money for sex in the past 12 months	40.1
Of these, % using a condom at last coitus with sex worker	26.2
Received money for sex in the past 12 months	31.9
Of these, % using a condom at last coitus with client	29.3
Had more than one sexual partner in the past 12 months	57.6
Of these, % using a condom at last vaginal coitus	52.6
Of these, % using a condom at last anal coitus	58.4
Used condom at last anal coitus	45.1
Consumed alcohol daily	30.4
Were ever raped	14.3
Were ever jailed	31.7
Were ever homeless	17.7
Had a symptom of an STI in the past 12 months	18.9
Have ever been tested for HIV	53.1
Have been tested for HIV in the past 12 months	32.0
Are aware of positive HIV serostatus	6.2
HIV prevalence	4.8
HIV prevalence among those unaware of status	3.7
<b>Rate of Sexual Partnerships</b>	
High: 1+ new partners or 2+ partners past 4 weeks	48.2
Moderate: 1+ new or 2+ partners past 12 months	25.5
Low: Not sexually active or 1 sexual partner in the past 12 months	26.3

## 1.1 Background: HIV Epidemic in Burundi

Burundi has a generalized HIV epidemic with higher prevalence among key populations. Surveys conducted in 2011 indicated that the prevalence rate of HIV among sex workers is 19.8% [CI 95%: 17.5%-22.0%] and 2.4% among men who have sex with men (MSM) [CI 95%: 0.9%-3.9%]. The Demographic and Health Survey (DHS) report published in 2012 showed a decrease of HIV prevalence rate in the general population from about 3% in 2007 to 1.4% in 2010 (1% in men and 1.7% in women, 4.1% in urban areas and 1% in rural areas). However, the persistence of risky behaviors remains a reality and results indicate that the percentage of men who had two or more sexual partners over the last 12 months is 3.2% and only 14.5% report to have used a condom during last sexual intercourse.

Specific gaps in data include the size of key populations (including sex workers and men who have sex with men) and the identification of sites where these people can be reached in the context of prevention programs. It is in this context that the Permanent Executive Secretariat of the National Council for the Fight against HIV in partnership with USAID conducted a study using the PLACE method (Priorities for Local AIDS Control Efforts).

## 1.2 The PLACE Protocol: Objectives

Methods for monitoring and evaluating HIV prevention are urgently needed. Because resources for interventions are limited, there is an urgent need to focus interventions where they are most cost-effective. Epidemiological theory identifies a crucial role in the HIV epidemic for areas where HIV transmission is most likely to occur. A barrier to the identification of priority prevention areas (PPAs) and development of informed sexual network-based interventions within PPAs has been the lack of rapid, reliable and valid field methods for identifying area with high rates of new sexual partnership formation.

The approach taken in the PLACE method is to identify priority prevention areas and within these areas identify public places (such as hotels, bars, and events) where people meet new sexual partners. These places are potential intervention venues where the individuals most likely to transmit HIV can be accessed. Venues and events are identified by informants in the community. Venues are then mapped and a knowledgeable person at each venue is interviewed. Next, venue patrons are interviewed about their sexual behaviors and exposure to HIV prevention at a sample of venues/events. Patrons are also tested for HIV at this time. The results are used to describe gaps in HIV prevention services for those most at risk of acquiring and transmitting HIV. There are five steps in the PLACE protocol. These are described on the table on the next page.

This approach acknowledges that contextual factors are often associated with areas where HIV incidence is high. These include:

- poverty and unemployment;
- lack of health care services;
- alcohol consumption;
- high population mobility;
- urbanization and rapid growth; and
- high male-to-female ratio.

Consequently, the first step in the PLACE method is to use available epidemiological and contextual information to identify areas likely to have a higher incidence of HIV infection.

Subsequent steps use rapid field methods to identify and describe venues within these areas where people with many new sexual partners can be reached for prevention interventions. Characteristics of people socializing at venues are also obtained. Finally, the information is used to inform interventions in the area. Table 1.2.1 illustrates the methodology in five steps.

The method focuses on places where new sexual partnerships are formed because the pattern of new partnerships in a community shapes its HIV epidemic. A place-based approach has programmatic advantages. Approaches based on risk group status, such as being a trucker or sex worker, can be stigmatizing and often inadequate in generalized epidemics. Clinic-based approaches miss most people with high rates of new sexual partner acquisition.

This method was developed at the University of North Carolina and pilot tested in 1999 in Cape Town in collaboration with the University of Cape Town. USAID has supported development of the method through MEASURE *Evaluation* Project.

**Table 1.2.1. The Five Steps of the PLACE Protocol**

Step	Objective
1	To identify priority prevention areas (PPAs)
2	To identify venues where people meet new sexual partners
3	To visit, map, and characterize venues in each priority prevention area
4	To describe the characteristics of people socializing at venues
5	To use findings to inform interventions

Specifically, the objectives of this study were to:

- Inform stakeholders about high risk areas in the fight against HIV
- Increase the capacity of the prevention response
- Within the priority prevention areas (PPA) identified by CNLS and rural areas of provinces, map venues where people meet new sexual partners.
- Within these areas, identify events where people meet new sexual partners.
- Estimate the prevalence of HIV among people who visit these venues and events
- Describe the characteristics of the people who visit these venues
- Identify gaps in access to HIV prevention
- Describe the characteristics of sex workers and men who have sex with men
- Estimate the size of men who have sex with men and sex worker populations.

### 1.3 Ethical Review and Approval

The protocol was based on the original PLACE protocol. It was approved by an IRB in Bujumbura and the IRB for the University of North Carolina in Chapel Hill. The protocol was adapted to meet the objectives of this study. For example,

- Because the focus was on mapping the venues where sex workers and men who have sex with men could be reached by prevention programs rather than on estimating behavioral indicators, more resources were put into identifying risk venues and mapping them than obtaining a large enough sample of sex workers and men who have sex with men to estimate behavioral indicators for these groups. Behavioral indicators are available from recent BSS surveys and will be obtained in future BSS surveys. The list of venues may be used in the sampling of key populations in future surveys.
- A men who have sex with men component was added to the PLACE protocol that included recruiting men who have sex with men from venues identified as places where men who have sex with men meet new partners to participate in a survey. The purpose of this recruitment was to obtain additional indicators for men who have sex with men.
- HIV testing was added to the protocol because little information on HIV prevalence was available outside of Bujumbura for key populations and for populations who socialize at places known to be risk venues.

### 1.4 Identification of Areas for PLACE Implementation in Burundi

The areas for the study were identified by the steering committee. They are:

- Bujumbura, Mairie (all communes)
- The largest urban commune in each province
- Other important urban areas (Rumonge, Nyanza-lac, Gihofi, Rugombo, Gatumba)
- Rural areas in each province.

Urban areas were selected by the Steering Committee based on their knowledge of where HIV prevalence may be highest and where risk behaviors are concentrated. There are 127 communes in Burundi. Of those, 33 communes were selected based on their urban areas including 13 from Bujumbura.

The rural areas were selected as well. There are 94 eligible communes in rural areas. Approximately one-third of the rural communes (32) were selected with probability proportional to the estimated population of the commune. The sample was stratified by province, such that there is at least one rural commune per province.

### 1.5 Training and Instrument Adaptation

Interviewers were trained to request informed consent and offer a fact sheet. After introducing themselves, obtaining informed consent, and offering a Fact Sheet, interviewers asked community informants the following questions:

- *Could you tell me the names of few public places or events where people go to meet new sex partners in <this commune>? You can tell me up to 10 places. Where do people find new sexual partners in this area? We are interested in public places and events.*

- *PROBE: Where do youth, single men, single women, business people, go to socialize or dance or drink alcohol and while there possibly find a new girlfriend or boyfriend?*
- *PROBE: Are there other social events where people may meet each other and then have a one night or brief sexual relationship?*
- *PROBE: Are there places where men can get sex if he pays her some cash?*
- *PROBE: Any places where people who use drugs hang out? Or men who have sex with men? Or sex workers?*

For each place (venue or event named), the interviewer asked the following:

- *Where is this place (or event) located? In what community? What is the specific address? How can I find it?*
  - *What type of place (or event) is this?*
  - *Is this a place where men can get sex if they pay for it?*
  - *Is this a place where people go to drink alcohol and socialize?*
  - *Is this a place (or event) that has more than 100 visitors or customers when it is busy?*
  - *Is this a place (or event) that has less than 15 visitors or customers when it is busy?*
  - *Is this a place (or event) where men who have sex with men meet each other?*
- Is this a place where men or women have sex onsite?*

The PLACE protocol was adapted to local needs and circumstances. The study instruments were translated into French and Kirundi. Interviewer selection was guided by interviewing experience, the sensitivity of the study questions on sexuality, fluency in local languages, flexibility regarding working hours, and ability to communicate well with a wide range of respondents.

## 2 Step 2: Where Do People Go to Meet New Sexual Partners? Findings from Community Informant Interviews

### 2.1 Methods to Identify Venues

A sexual network venue is defined as a place or event in a priority prevention area (PPA) where people with high rates of partner acquisition meet to form new sexual partnerships. A venue could be a bar, a brothel, an all-night party, or a market place. In rural areas, venues may cluster around taxi stops or places that sell beer or alcohol. New partnerships are an important focus because individuals with high rates of new partner acquisition are more likely to transmit infection and because individuals with newly acquired infections are more infectious. Identification of all venues in a PPA, not just traditional “hot spots” is encouraged. Along with well-selected monitoring and evaluation (M&E) indicators, a map of these venues can help program planners focus intervention efforts at venues where the opportunity for HIV transmission is likely to be greatest.

Community informant interviewing is the primary method used to identify all venues where residents of the PPA meet new sexual partners. Community informant interviews are a rapid method for obtaining sensitive data not otherwise available and are especially useful for obtaining data such as a list of venues that can be verified by other sources. By developing a list of venues from many community informants, the bias from any individual informant is reduced. In addition, self-presentation bias is minimized by not asking about an individual’s own sexual behavior.

Community informant interviewing protocol included:

- Local leaders
- Taxi drivers (car, motorcycle and bicycle)
- Students and vendors
- In rural areas: the shepherds and community leaders

### 2.2 Community Informant Fieldwork

**Table 2.2.1. Community Informant Fieldwork**

Burundi PLACE Assessment, 2013		
<b>Total Number of Community Informants</b>	1,752	
<b>Total Number of Unique Venues Reported</b>	2,460	
<b>Venues Reported by Geographic Area</b>	<b>N=</b>	<b>%</b>
Bujumbura	895	36.4
Other urban areas	756	32.9
Rural areas	809	30.7
<b>Community Informants by Geographic Area</b>		
Bujumbura	760	43.4%
Other urban areas	480	27.4%
Rural areas	512	29.2%

A total of 1,752 community informants identified 2,460 unique venues during the fieldwork. Of the venues reported, 895 were in Bujumbura. These venues were considered eligible for venue verification.

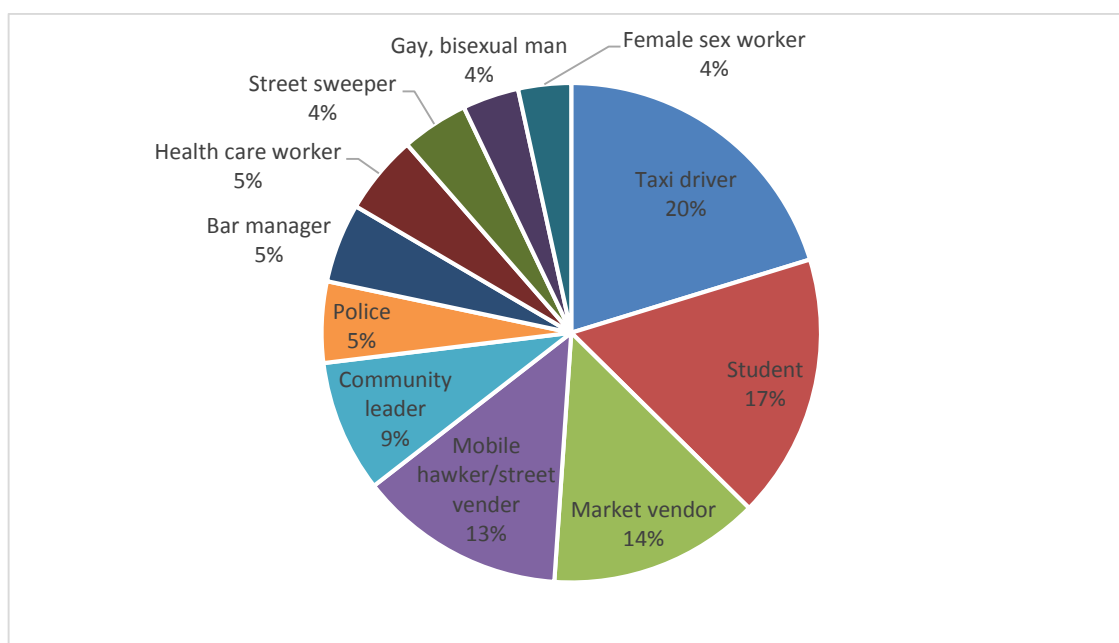
## 2.3 Characteristics of Community Informants

**Table 2.3.1 Characteristics of Community Informants**

Burundi PLACE Assessment, 2013		
Type of Community Informants	N=1,752	%
<i>By occupation</i>		
Taxi driver	355	20.3
Student	300	17.1
Market vendor	240	13.7
Mobile hawker/street vender	235	13.4
Community leader	150	8.6
Police	92	5.3
Bar manager	90	5.1
Health care worker	90	5.1
Street sweeper	76	4.3
Gay, bisexual man	64	3.7
Female sex worker	60	3.4

Many different types of community informants were interviewed including taxi drivers, students, bar managers and street vendors. Taxi drivers were interviewed most often (See Table 2.3.1 and Figure 2.3.1).

**Figure 2.3.1. Type of Community Informants**



## **3 Step 3: What Are the Characteristics of Venues Where People Meet New Sexual Partners?**

### **3.1 Methods**

The venues and events named by community informants were visited and mapped in each district. For each venue and event, information useful for planning prevention programs was collected based on an interview with a venue informant (30 minutes), such as the owner or manager, using Form B.

In this phase, trained interviewers visited venues reported by community informants to verify the existence of the venues. At each venue, an interview was performed with a person knowledgeable about the venue (such as an employee or regular patron at a place of business) to obtain characteristics of the venue. These venue characteristics include number of patrons, whether people meet new sexual partners at the venue, whether sex occurs at the venue, and condom availability, and the names of the area providers of treatment and prevention, including condoms, STI treatment, counseling and testing and antiretroviral treatment — information important for HIV/AIDS prevention efforts. GPS coordinates of each venue were also obtained so that the geographic distribution of venues can be displayed on a map.

Gay or bisexual community informants were asked to name the places where men who have sex with men receive services. Venue visits included visits to all organizations providing services to men who have sex with men. Part of the information obtained at each venue that caters to men who have sex with men was the number of men who have sex with men that have received services from the organization. This information was used to estimate the number of men who have sex with men in the country.

In this phase of the fieldwork, interviewers visited each reported venue to verify its existence and location and to interview a person knowledgeable about the venue (such as a bar manager or owner) to obtain characteristics of the venue important for HIV prevention. Where someone was not available for interview on the first visit, an appointment was requested for a re-visit. Verbal consent for an anonymous interview was obtained for each completed interview. Respondents were asked about the following:

- name of the venue and number of years in operation
- types of activities occurring in the venue
- estimated number of staff and patrons at peak times
- extent of HIV/STI prevention activities on-site including condoms, posters and testing
- willingness to offer HIV testing.

## 3.2 Venue Verification Fieldwork

**Table 3.2.1. Summary of Venue Verification Fieldwork**

<b>Burundi, PLACE Assessment, 2013</b>		
<b>Number of Interviews Conducted</b>	2,293	
<b>Gender of Venue Representative</b>	<b>N = 2,293</b>	<b>%</b>
Male	1,889	82.4
Female	404	17.6
Total	2,293	100
<b>Respondent Position at the Venue</b>		
Owner, Manager, Staff	1805	78.7
Patron	187	8.2
Vendor in area	118	5.1
Security guard	52	2.3
Sex worker	28	1.2
Other	103	4.5
<b>Age of Venue Representative</b>		
15-19	105	4.6
20-24	477	20.8
25-29	533	23.2
30-34	397	17.3
35-39	318	13.9
>=40	463	20.2
Total	2,293	100
<b>Number of Found and Verified Venues</b>	2,293	

Of the 2,460 venues reported by community informants, 2,293 were verified and at each one a venue informant was interviewed. The majority of these venue representatives are male, over age 30 and the venue owner, manager or staff. (Table 3.2.1).

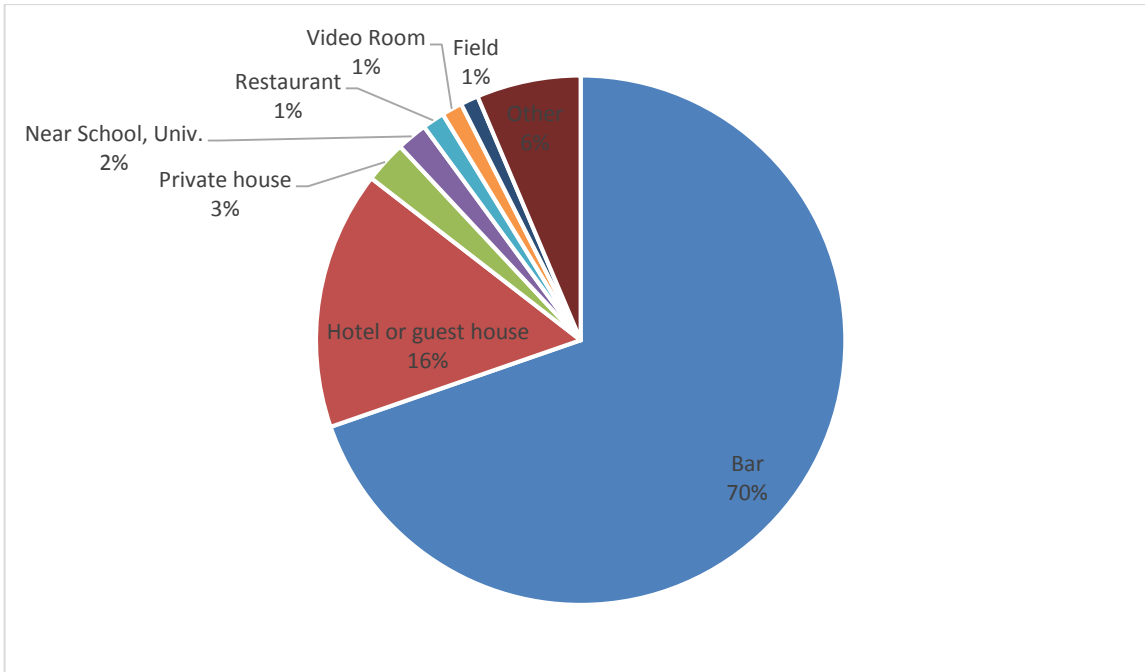
### 3.3 Types of Venues

**Table 3.3.1. Types of Venues**

<b>Interviews with a Venue Representative at 2,293 Venues Burundi, PLACE Assessment, 2013</b>		
<b>Type of Venue</b>	<b>N=2,293</b>	<b>%</b>
<i><u>Eating/Drinking/Dancing/Sleeping Places</u></i>		
Formal Bar	1,598	69.7
Hotel, Bed and Breakfast, Hostel	362	15.8
Restaurant	31	1.4
Video room	29	1.3
Informal Bar or Home Brew	16	0.7
Night Club	16	0.7
Other Eating/Drinking/Sleeping	18	0.8
<i><u>Transportation, Public, Commercial Areas</u></i>		
Nearby or on School, University Campus	43	1.9
Health Spa, Massage Parlor, Hair Salon	19	0.8
Street or Street Corner	11	0.5
Markets	7	0.3
Church/Temple/Mosque	7	0.3
Mail, Shopping Center	7	0.3
Construction Venue	7	0.3
Sports Venue	6	0.3
Store	4	0.2
Taxi Stand	3	0.1
Parks	3	0.1
Bus, Train, Metro Stop or Station	2	0.1
Liquor Store	2	0.1
Truck Stop	1	0.0
<i><u>Hidden, Private, or Abandoned Areas</u></i>		
Private Dwelling	59	2.6
Abandoned Yard, Field, "Bush" Riverside	27	1.2
Unused House	6	0.3
Other Hidden, Private, or Abandoned Areas	4	0.3
<i><u>Events</u></i>		
Events	4	0.3
<b>Total of all Types of venues</b>	<b>2,293</b>	<b>100.0</b>

Many different types of venues were visited (see Figure 3.3.1). The most common types of venues visited were bars, hotels and guest houses.

**Figure 3.3.1. Type of Venues Verified**



### 3.4 Activities that Occur at Venues and Other Characteristics of Venues

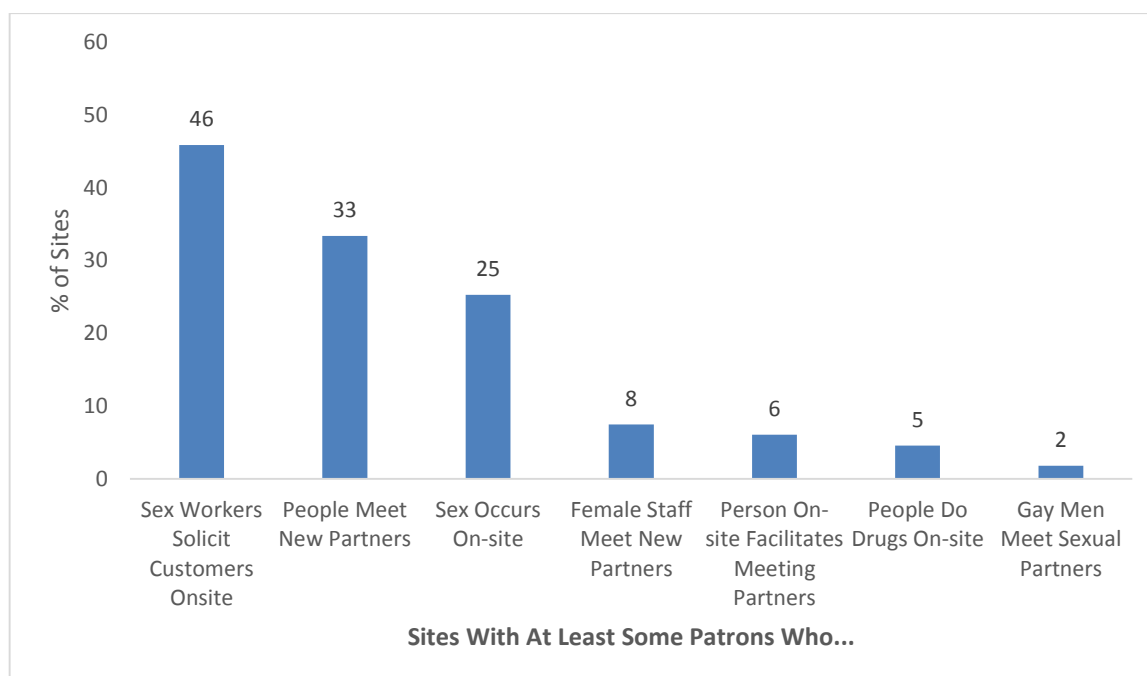
**Table 3.4.1. Characteristics of Found and Verified Venues**

<b>Interviews with a Venue Representative at 2,293 Venues Burundi, PLACE Assessment, 2013</b>		
<b>Sexual Partnerships Formed at Site</b>	<b>N=2,293</b>	<b>%</b>
Female sex workers solicit customers	1053	45.9
People meet new sexual partners at site	765	33.4
Partners who meet at venue have sex on-site	579	25.3
Female staff meet new sexual partners at site	187	8.2
Male staff meet new sexual partners at site	187	8.2
Someone on-site facilitates partnerships	141	6.1
Men meet male (gay) sexual partners at site	41	1.8
<b>People do drugs at site</b>	106	4.6
<b>Number of Years Venue Has Been in Operation</b>		
More than 2 years	1566	68.3
1-2 years	459	20.0
< 1 year	264	11.5
<b>Number of Male Staff during Busy Day</b>		
0 Workers	228	9.9
1-2 Workers	1089	47.5
3-4 Workers	532	23.2
5-9 Workers	284	12.4
10-19 Workers	104	4.5
20+ Workers	52	2.3
<b>Number of Female Staff during Busy Day</b>		
0 Workers	1280	55.8
1-2 Workers	739	32.2
3-4 Workers	156	6.8
5-9 Workers	80	3.5
10-19 Workers	22	1.0
20+ Workers	12	0.5

Characteristics of 2,293 venues were obtained from a venue representative. Most venues are quite stable, with 68% in operation more than two years.

Sexual partnerships are frequently formed at these venues according to the venue representatives. Sex work can be found at 46% of venues and sex occurs on-site at 25% of venues. Forty-one venue representatives reported that men who have sex with men meet partners at the site. Figure 3.4.1 describes sexual partnership formation at all venues.

**Figure 3.4.1. On-site Activities As Reported By Venue Informant**



### 3.5 When Do People Visit Venues?

**Table 3.5.1. Busy Times at Venues and Number of Patrons**

Interviews with Venue Representatives at 2,293 Venues Burundi, PLACE Assessment, 2013						
Busiest Day and Times Are	N=2,293				%	
Friday Night	1,348				58.8	
Saturday Afternoon	1,318				57.5	
Saturday Night	1,374				59.9	
Sunday Afternoon	1,322				57.7	
Sunday Night	1,366				59.6	
Monday Night	1,191				51.9	
Tuesday Night	1,196				52.2	
Wednesday Night	1,239				54.0	
Thursday Night	1,233				53.8	
Number of Patrons Socializing while at Venue during Busiest Time	Men		Women		Total	
	N	%	N	%	N	%
<5	201	8.8	697	30.4	69	3.0
5-10	295	12.9	620	27.0	158	6.9
11-25	619	27.0	319	13.9	511	22.3
26-50	789	34.4	101	4.4	748	32.6
51-100	220	9.6	51	2.2	486	21.2
>100	168	7.3	50	2.2	320	14.0
Mean	2,292	35	2,292	18	2,292	54
Median	2,292	30	2,292	10	2,292	40
<b>Male-to-Female Ratio</b>	<b>2.5</b>					

Information about the number of people visiting a venue and the venue's male-to-female ratio is very important for planning prevention programs. Based on the information in Table 3.5.1, there are 320 venues with more than 100 people at a busy time, At 168 venues more than 100 men

socialize and 50 venues have over 100 women socializing at the venues' busiest times. The male-to-female ratio at all venues is 2.5. During the week, the busiest times are Friday, Saturday and Sunday nights. The total number of women socializing at all venues is estimated to be 41,900 and the total number of men is 81,100.

### 3.6 HIV Prevention at Venues and Condom Availability at Venues

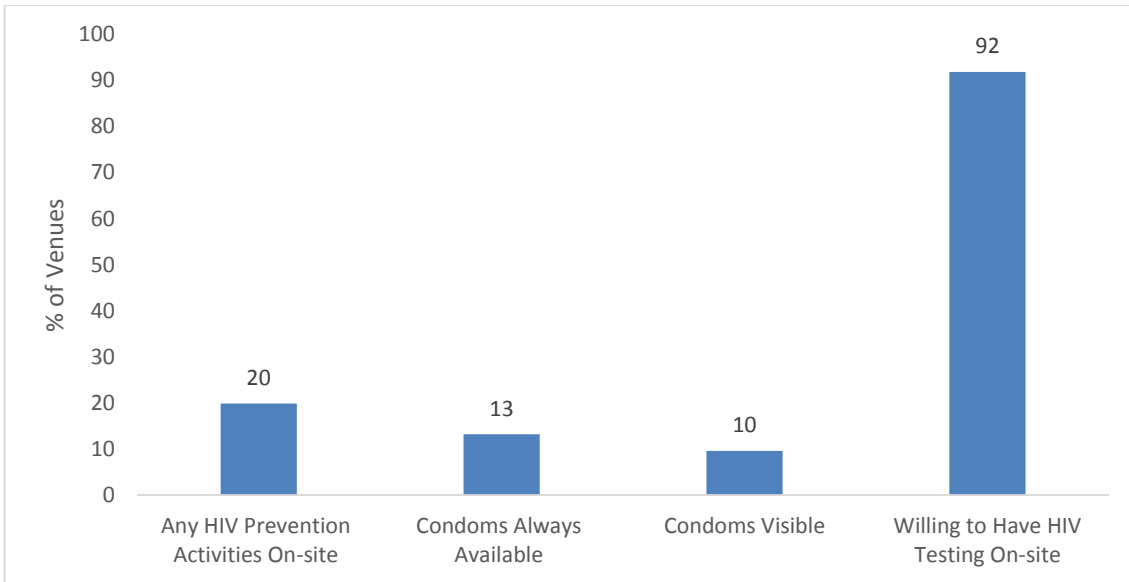
**Table 3.6.1. HIV Prevention Activities at Venues**

<b>Interviews with a Venue Representative at 2,293 Venues Burundi, PLACE Assessment, 2013</b>		
<b>HIV Prevention Activities at the Venue</b>	<b>N= 2,293</b>	<b>%</b>
Any HIV prevention activities	456	19.9
Free condoms available	276	12.0
Condoms for sale	152	6.6
Educational talk on HIV/AIDS	143	6.2
Established peer health education program	139	6.1
On-site HIV testing	43	1.9
<b>Manager/Owner Willing to Have HIV Testing at Venue</b>	1,626	91.9
<b>Condoms Available in Past Year</b>		
Always	285	13.2
Sometimes	291	13.5
Never	1,577	73.2
<b>Condoms On-site at Time of Visit</b>		
Yes, but not seen	209	9.1
Yes, condom seen	257	11.2
No	1,827	79.7
<b>Interviewer Observation</b>		
Any HIV/AIDS posters displayed	96	4.2
Condom promotion poster displayed	130	5.7
Condoms visible	219	9.6

There are gaps in HIV prevention programs at these venues. Only 20% had had any HIV prevention activities and only 2% had hosted HIV testing in the past 12 months. There is a strong willingness, however, to provide HIV testing at sites.

Several questions were asked to assess condom availability at venues. Overall, there is a gap in condom availability at venues. Condoms were visible at 10% of venues. In the past year, condoms were available at least some of the time at only 27% of venues. Figure 3.6.1 summarizes HIV prevention activities and condom availability at all venues.

**Figure 3.6.1. HIV Prevention Activities and Condom Availability On-Site**



## **4 Step 4: What are the Characteristics of People Who Socialize at Venues where People Meet New Sexual Partners? Findings from Interviews with People Socializing at Venues**

### **4.1 Methods**

#### **A. Selecting Venues Where Individuals Socializing Were Interviewed**

The final selection of venues could only occur after the community informant interviews and venue visits were conducted and the resulting list of reported venues compiled into a sampling frame of venues. Venues were sampled in order to obtain a sufficiently precise estimate of the proportion of individuals socializing at venues who report meeting a new sexual partner at the location.

Venues were divided into those where sex work was reported, where men meet other men and all other venues. Within the three strata, venues were randomly selected for patron interviews. In Bujumbura, 43/434 venues reporting transactional sex, 15/32 venues reporting men who have sex with men and 10/215 other venues were selected; in the other provincial capitals, 24/588 venues reporting transactional sex, 1/6 venues with men who have sex with men and 6/249 other venues were selected; in the rural areas, 16/575 venues reporting transactional sex, 1/3 with men who have sex with men and 6/191 other venues were selected.

#### **B. Selecting Individuals at Selected Venues**

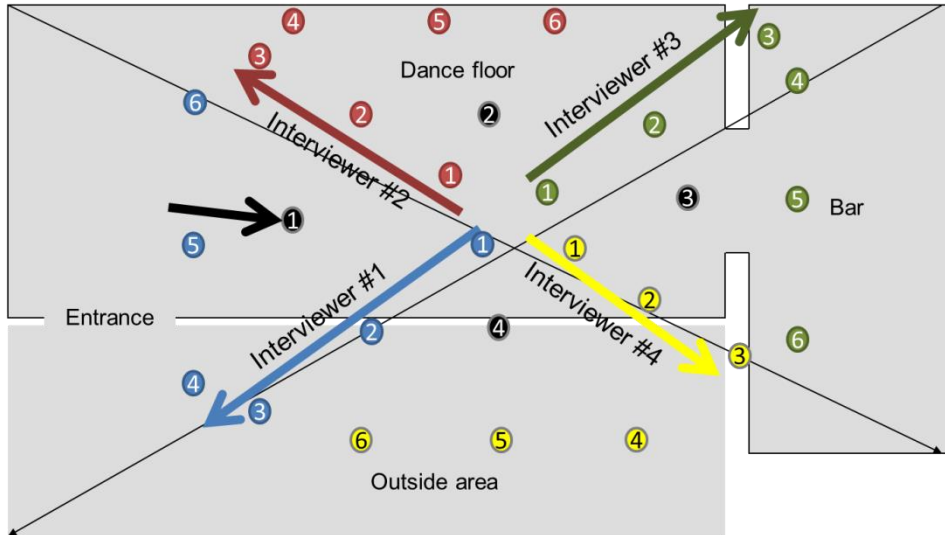
If there are more than 28 customers at the site, respondents were selected randomly. The supervisor identified the boundaries of the site. In this example, the site has an area for bar, a dance floor and an outdoor area where people can socialize. At each site the field team supervisor chose one of following random selection methods.

Method 1: Before any interview was conducted, each interviewer was assigned to follow a line through the site. On a piece of paper the supervisor would draw a site diagram similar to the example in Figure 4.1.1 to explain the process to the interviewers.

Interviewer #1 would follow the blue line, stopping at the six blue points. For the first interview, he or she would approach the person standing on blue circle #1. The interviewer would proceed with an initial consent, the eligibility criteria and the informed consent for the behavioral questionnaire and blood test. If the person consented, the interviewer would administer the questionnaire in a secluded area to protect the participant's privacy.

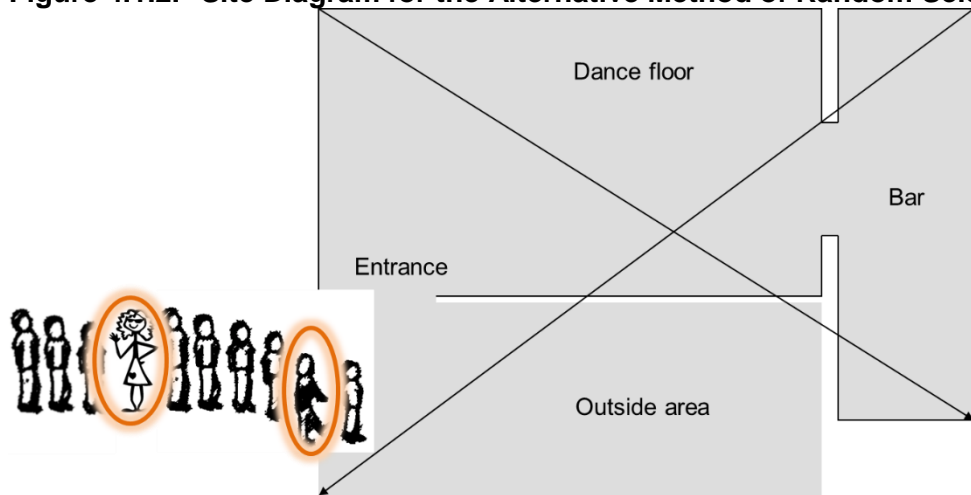
Then the interviewer would then return to the site floor to blue circle #2 and repeat the process with the person standing in that spot. If the person nearest spot #2 refused the interview, the interviewer would look for the next closest person. The interviewer would continue with spots #3, #4, #5 and #6.

**Figure 4.1.1. Site Diagram for Random Selection of Participants**



Method 2: Another way of randomly selecting respondents is to choose people entering the site using a predetermined interval. In this example people are lined up at the entrance of the site. The supervisor would decide that every 5th person should be approached for an interview. (Figure 4.1.2)

**Figure 4.1.2. Site Diagram for the Alternative Method of Random Selection**



## 4.2 Socio-demographic Characteristics of People Socializing at Venues

**Table 4.2.1. Socio-demographic Characteristics of Individuals at Venues**

Interviews with Eligible and Willing Individuals Socializing at Venues Burundi, PLACE Assessment, 2013		
<b>Number of Venues Where Interviews Conducted</b>	167	
<b>Number of Interviews with Socializing Individuals</b>	2,439	
<b>Gender of Individuals Socializing at Venue</b>	<b>% (weighted)</b>	
Male	47.9	
Female	52.1	
	<b>Men (n=1,249) %</b>	<b>Women (n=1,190) %</b>
<b>Age</b>		
15-19	7.6	14.4
20-24	21.7	19.2
25-29	23.0	22.4
30-34	18.4	15.7
35-39	9.0	8.9
40+	20.4	21.6
Mean	31.3	29.8
Median	29	27
<b>Employment Status</b>		
Employed full-time	64.2	57.1
Employed, part-time/occasional	11.5	11.4
Unemployed, looking for work	5.8	4.4
Unemployed, not looking	8.4	9.1
<b>Student Status</b>		
Currently in school	10.8	9.9
<b>Highest Level of Schooling Completed</b>		
None	16.0	25.5
Primary school	51.9	48.1
Secondary school first cycle	15.6	16.2
Secondary school second cycle	10.2	8.2
Additional higher education	6.1	2.0
<b>Respondent Has Ever Been Married</b>		
Currently married	49.5	41.4
Previously married	6.9	25.8
Never married	43.6	32.8
<b>Respondent Has a Main Partner</b>	68.3	66.0

A total of 2,439 interviews were completed at venues. Individuals age 15 and older were eligible for an interview. Interviewers were instructed to interview 19 persons at each site. At 67 venues, at least 19 interviews were obtained. At 121 venues, fewer than 19 interviews were obtained.

The characteristics of the people socializing at these venues are very informative. Over half of the men and women are younger than 30. Men are more likely to be unemployed than women. Approximately 10% are students and 70% have a main partner.

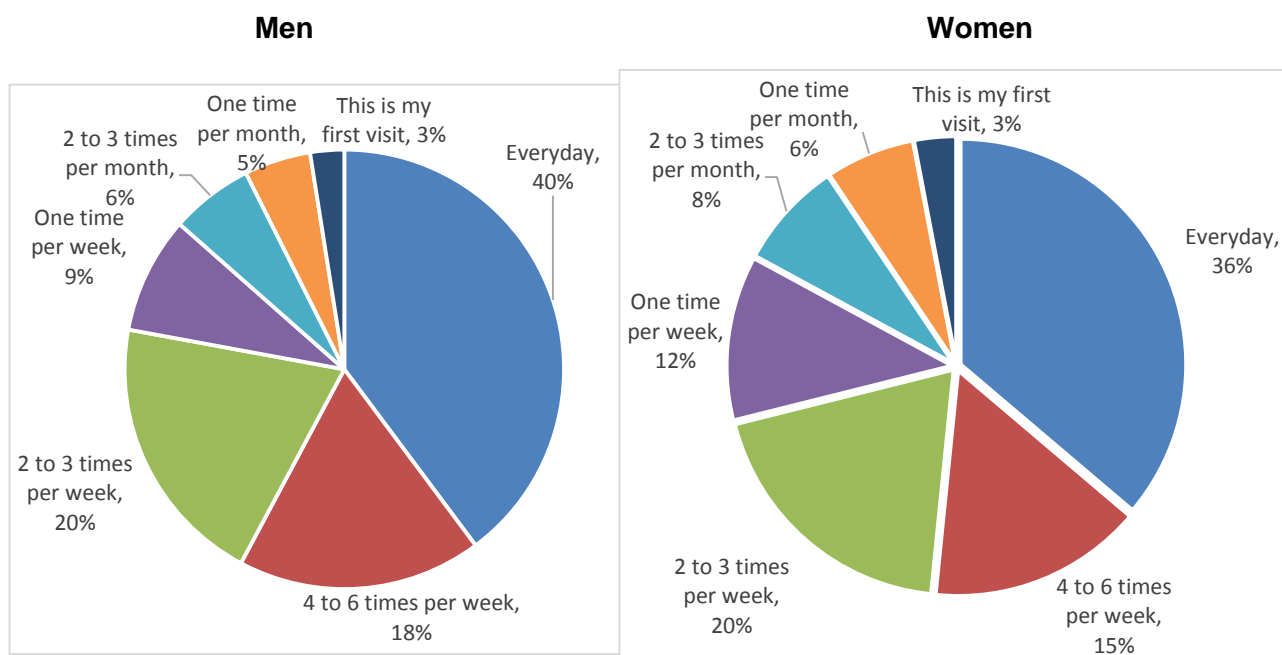
### 4.3 How Frequently Do People Visit Venues?

**Table 4.3.1. Self-Reported Venue Visiting Behavior**

Interviews with Eligible and Willing Individuals Socializing at Venues Burundi, PLACE Assessment, 2013		
	Men (n=1,249) %	Women (n=1,190) %
<b>Frequency of Attendance at Venue</b>		
Every day	39.8	36.2
4-6 times per week	18.0	15.4
2-3 times per week	20.1	19.5
One time per week	8.6	11.8
2-3 times per month	6.1	7.7
One time per month	4.9	6.4
First time	2.5	3.0
<b>First Attendance to Venue</b>		
First visit	3.5	4.0
Within past 4 weeks	4.7	4.8
Within past 2 - 6 months	7.5	6.5
Within past 7 - 12 months	5.6	9.1
Over a year ago	33.5	31.9
Over 5 years ago	45.1	43.6
<b>Came to venue to meet a sexual partner</b>	7.8	16.2
<b>Total Number of Venues Attended That Day</b>		
1	49.0	59.9
2	35.4	25.2
3+	15.7	14.9
Mean	1.7	1.6

Many people visit the venue every day and 85% visit once a week or more. Only 3% was at the venue for the first time. For a description of venue attendance by gender, see Figure 4.3.1. Most of the people come to the venue to socialize or drink alcohol but 8% of men and 16% of women come to the venue in order to meet a new sexual partner. About half of people socializing visit more than one venue per day; in fact 15% visit three or more venues per day.

**Figure 4.3.1. Frequency of Attendance at Venue by Gender**



#### 4.4 Where Do Venue Patrons Come from? Mobile Populations Are Important

**Table 4.4.1. Mobile Populations**

Interviews with Eligible and Willing Individuals Socializing at Venues Burundi, PLACE Assessment, 2013		
	Men n=1,249	Women n=1,190
<b>Current Residence</b>		
Resides in Province	94.2	95.3
Resides in another province	5.0	3.8
Resides outside Burundi	0.8	0.9
<b>Years Residing in Province</b>		
<1	4.3	4.3
1-5 years	11.6	12.0
>5 years	13.2	14.2
All of life	65.2	64.8
Does not live in province	5.7	4.8

Mobile populations can also be reached at venues. A total of 6% of men and 5% of women socializing at venues are not residents of the province and thus can be considered part of a mobile population. Four percent of individuals live in the area for less than a year.

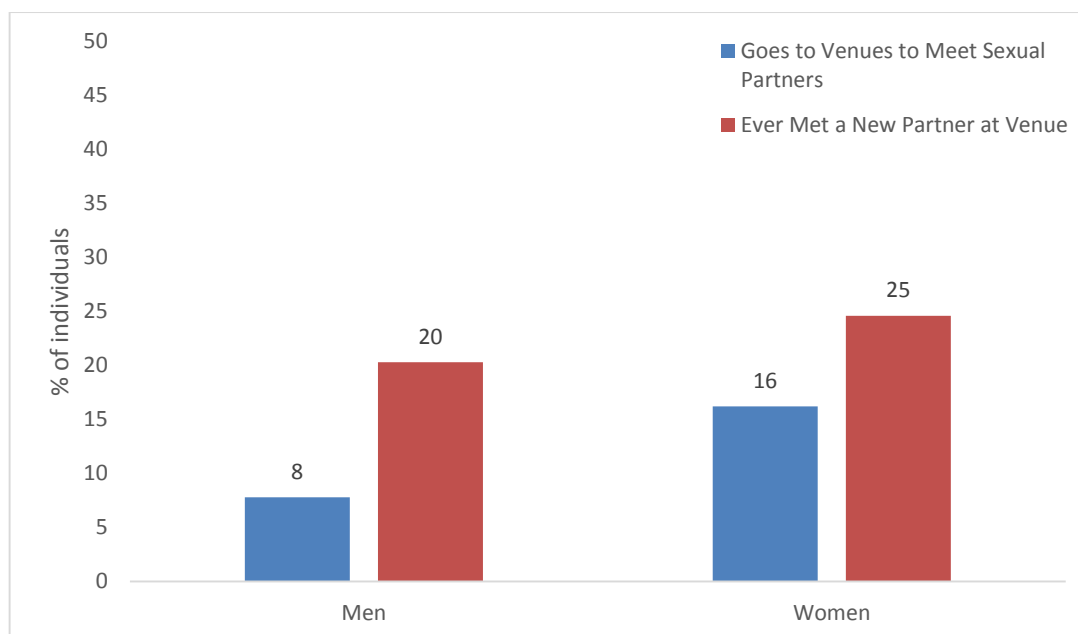
## 4.5 People Report Meeting New Sexual Partners at the Venues

**Table 4.5.1. Meeting a New Partner at the Venue**

Interviews with Eligible and Willing Individuals Socializing at Venues Burundi, PLACE Assessment, 2013		
	Men n=1,249 %	Women n=1,190 %
<b>Came to venue to meet a sexual partner</b>	7.8	16.2
<b>Patron ever met a new partner at venue</b>	20.3	24.6
<b>Last Attracted New Partner at Venue</b>		
Within past 7 days	2.4	6.0
Within past 2-4 weeks	4.6	6.2
Within past 2-6 months	5.3	4.5
Within past 7-12 months	2.5	2.2
Over a year ago	4.7	4.2
Never met a new partner here	80.6	76.9

While only 8% of men and 16% of women come to venues expecting to meet a sexual partner, 20% of men and 25% of women have met a new sexual partner at the venue in the past. Figure 4.5.1 illustrates the percent of men of and women who come to venues to meet a new partner and those that have ever met a new partner at venues.

**Figure 4.5.1. Partner Selection Reported by Individuals Interviewed at Venues**



## 4.6 Age at First Sex

Table 4.6.1. Ever Had Sex and Age at First Sex

Interviews with Eligible and Willing Individuals Socializing at Venues Burundi, PLACE Assessment, 2013		
	Men n=1,249 %	Women n=1,190 %
<b>Ever Had Sex</b>	88.9	89.4
<b>Age at First Sex</b>		
<13	4.9	5.7
13	1.8	3.5
14	4.1	8.3
15	8.5	10.8
16	5.6	10.9
17	9.0	12.0
18-21	39.6	37.2
22-24	11.2	8.0
25+	15.3	3.5
Mean	19.4	17.5
<b>Among those younger than 18, never had sex</b>	56.5	57.0
<b>Among those older than 18, never had sex</b>	10.4	8.2

Almost all of the people socializing at venues are sexually experienced. Among those interviewed, the average age at first sex is 18.

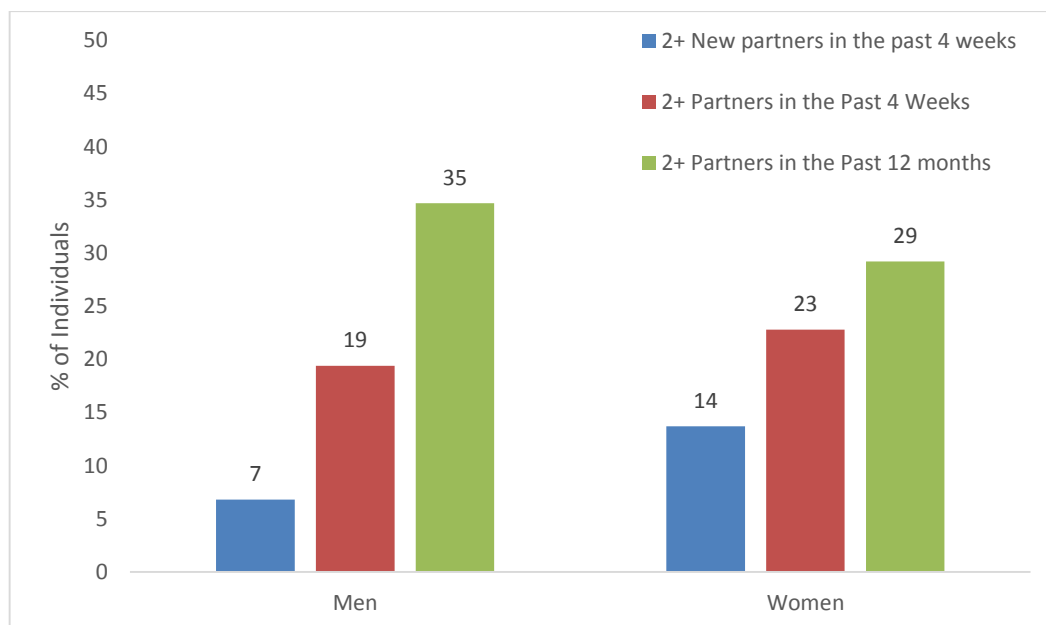
## 4.7 Number of Partners and Rate of New Sexual Partnerships

Table 4.7.1. Rate of Partnership Acquisition

Interviews with Eligible and Willing Individuals Socializing at Venues Burundi, PLACE Assessment, 2013		
	Men n=1,249 %	Women n=1,190 %
<b>Number of Partners in Past 4 Weeks</b>		
0	29.7	28.1
1	50.9	49.1
2	11.2	4.5
3-9	7.6	10.1
10+	0.6	8.2
Mean	1.1	2.5
<b>Number of New Partners in Past 4 Weeks</b>		
0	72.6	68.2
1	20.5	18.1
2	4.5	3.2
3-9	2.3	7.6
10+	0.0	2.9
Mean	0.4	1.1
<b>Total Number of Partners in Last 12 Months</b>		
0	18.6	20.3
1	46.8	50.5
2	13.8	4.7
3-9	13.9	6.6
10+	7.0	17.9
Mean	3.4	12.2

The rate of new sexual partnerships in a population is an important determinant of the course of an HIV epidemic. In Burundi, over 25% of men and 30% of women reported having at least one new sexual partner in the past four weeks. This is much higher than in the general population in Burundi as seen in Table 4.7.2. Figure 4.8.1 describes the level of sexual partnership formation in the past four weeks and 12 months.

**Figure 4.7.1. Number of Sexual Partners during Past Four Weeks and 12 Months**



**Table 4.7.2. Percent Reporting 2+ Partners in the Past 12 Months: A Comparison of the PLACE Population with the General Population in Burundi**

Interviews with Eligible and Willing Individuals Socializing at Venues Burundi, PLACE Assessment, 2013				
Age	Men %		Women %	
	PLACE	National	PLACE	National
15-19	18.8	0.8	36.1	0.2
20-24	38.7	1.6	38.9	0.3
25-29	38.3	3.5	34.3	0.4
30-39	40.9	4.7	23.8	0.3
40+	23.4	4.8	11.3	0.1
Total	34.6	3.2	29.2	0.3

Note: General population data from Demographic Health Survey, 2010

The comparison of national data from a Demographic Health Survey with the population at the PLACE venues shows that the PLACE population has a much higher rate of partnerships than the national population.

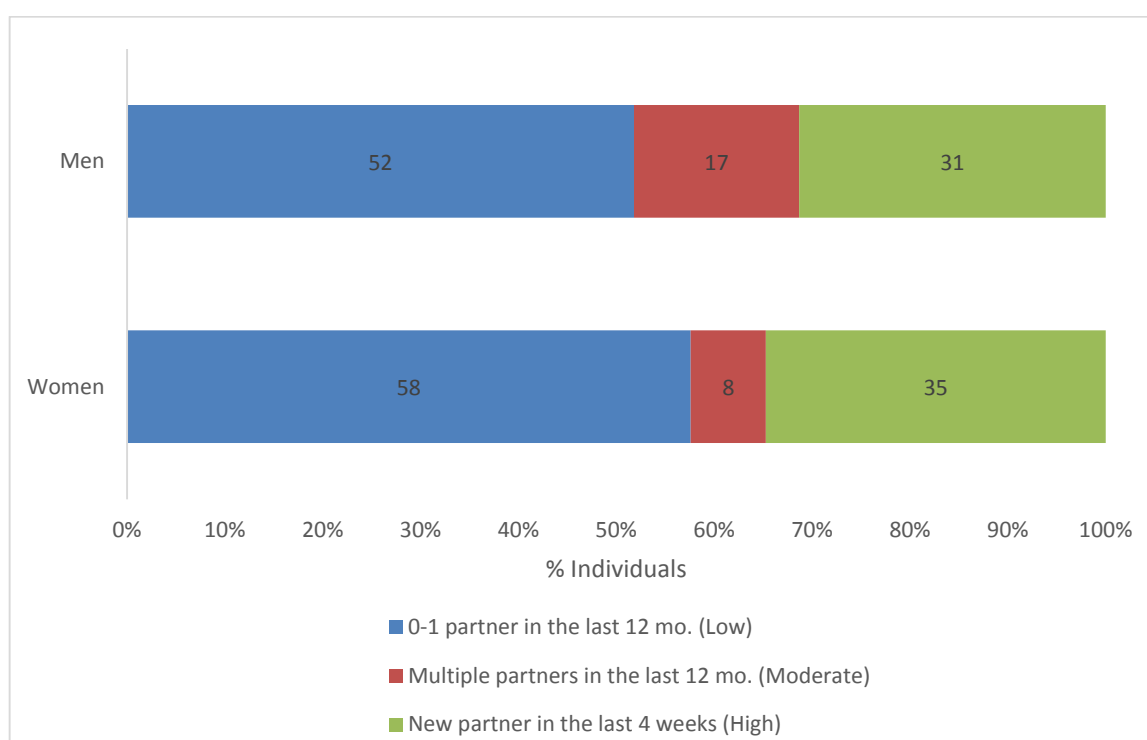
## 4.8 Those with the Highest Rates of New Sexual Partnerships

**Table 4.8.1. Gender and Rate of Sexual Partnership**

Interviews with Eligible and Willing Individuals Socializing at Venues Burundi, PLACE Assessment, 2013		
Rate of Sexual Partnerships	Men %	Women %
High: 1+ new partners or 2+ partners past 4 weeks	31.3	34.7
Moderate: 1+ new or 2+ partners past 12 months	16.9	7.7
Low: Not sexually active or 1 sexual partner in the past 12 months	51.8	57.6

The rate and number of sexual partnerships is summarized into one variable that has three categories (Table 4.8.1 and Figure 4.8.1). Tables S.3 and S.4 in the executive summary show that those with the highest rate of sexual partnerships are older and more likely to have given or received money in exchange for sex, met a partner at the venue and had STI symptoms. However, this group is also more likely to use a condom.

**Figure 4.8.1. Rate of Partnership Acquisition**



## 4.9 Other Risk Factors for HIV Infection

**Table 4.9.1. Other Risk Factors for HIV Infection**

<b>Interviews with Eligible and Willing Individuals Socializing at Venues Burundi, PLACE Assessment, 2013</b>		
	<b>Men n=1,249 %</b>	<b>Women n=1,190 %</b>
<b>Ever Jailed</b>	32.1	14.1
<b>Ever Homeless</b>	15.3	14.9
<b>Ever Raped</b>	5.4	17.7
<b>Received money for sex, past year</b>	6.5	22.2
<b>Daily Alcohol Consumption</b>	40.7	25.2
<b>Risk Perception</b>		
High	6.9	10.4
Moderate	59.8	61.0
Low	16.8	10.9
No risk	16.4	16.8
Already infected	0.2	0.9

Imprisonment, homelessness, rape, sex work and frequent alcohol consumption are all risk factors for HIV infection. Approximately one third of men and 15% of women have been jailed, 15% of both sexes have been homeless and 5% of men and 18% of women were raped at some point in their lives. Among women, 22% have received money for sex in the past 12 months compared to 7% of men. Alcohol consumption is more frequent among men (40% daily) vs. women (25% daily). The majority believe themselves to be at moderate risk of HIV infection.

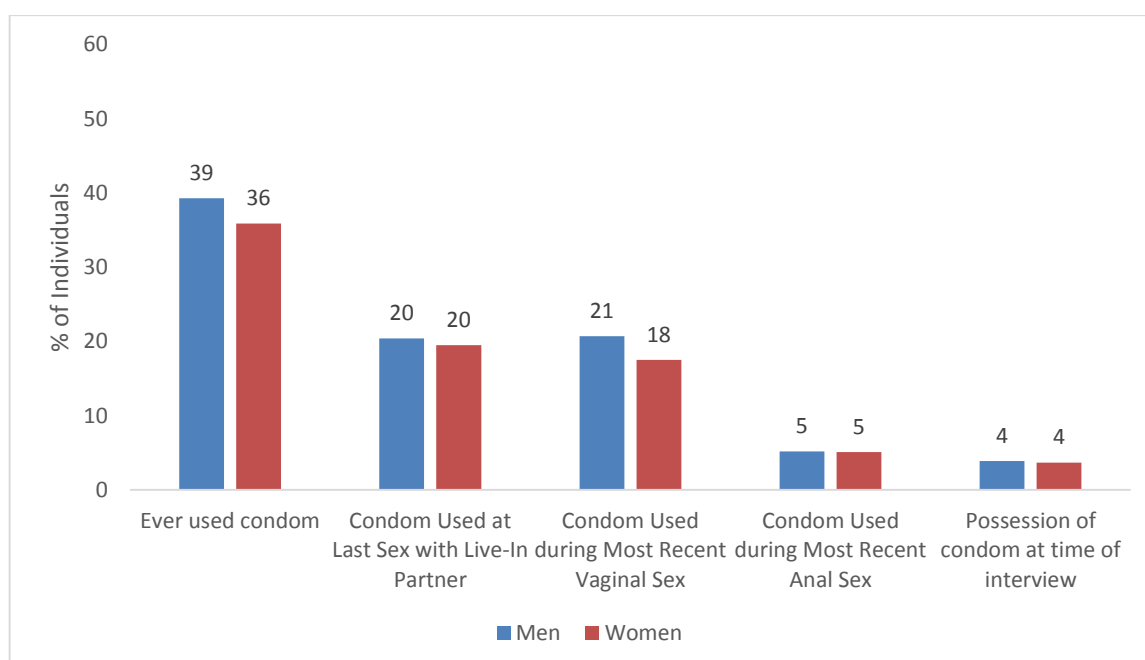
## 4.10 Condom Use

Table 4.10.1. Condom Use

Interviews with Eligible and Willing Individuals Socializing at Venues Burundi, PLACE Assessment, 2013		
	Men n=1,249 %	Women n=1,190 %
<b>Ever Used a Condom</b>	44.2	40.2
<b>Condom Used at Last Sex with Main Partner</b>	20.4	19.5
<b>Sex with a woman, past 12 months</b>	70.2	5.7
<b>Condom Used during Most Recent Vaginal Sex</b>	20.7	17.5
<b>Anal sex, past 12 months</b>	4.2	3.9
<b>Condom Used during Most Recent Anal Sex</b>	5.2	5.1
<b>Possession of Condom at Time of Interview</b>		
Yes, but condom not seen	5.4	4.5
Yes, condom seen	3.9	3.7
No condom	90.7	91.8

Condom use is an important way to reduce HIV transmission. Condom use is low overall. Less than half have ever used a condom and only 20% used a condom at last vaginal sexual encounter. Anal sex is not particularly common, but only 5% used a condom during their last anal intercourse. Because condom use may be over reported in this type of survey, the interviewer also asked whether people had a condom with them at the time of the interview. Only 4% had a condom with them. There are major gaps in condom use and availability and prevention programs should make condoms more accessible to venue patrons and change social norms around condom use.

Figure 4.10.1. Condom Use



## 4.11 HIV Testing and Circumcision

**Table 4.11.1. HIV Testing and Circumcision**

<b>Interviews with Eligible and Willing Individuals Socializing at Venues Burundi, PLACE Assessment, 2013</b>		
	<b>Men n=1,249 %</b>	<b>Women n=1,190 %</b>
<b>Knows where to access HIV testing</b>	80.5	88.3
<b>Ever Been Tested for HIV</b>	43.4	60.3
<b>Tested for HIV, past 12 months</b>	22.6	33.9
<b>Circumcised</b>	48.6	----
<b>Of those not circumcised, interested in circumcision</b>	60.6	----

It is important for people to know where to be tested for HIV and to get tested if they are interested in being tested. A large majority of participants knew where to get HIV testing but less than half of men and 60% of women have been tested during in their lifetime. Less than one third have been tested in the past year. Given venue managers willingness to host HIV testing and the low rate of testing in the population it is important to reduce the barriers to HIV testing such as through venue-based testing and linkage to care.

Approximately 50% of men are circumcised and among those not circumcised, 60% are interested in becoming circumcised. Given that male circumcision is proven to prevent HIV infection, programs should offer voluntary male circumcision to those interested.

## 4.12 Youth

**Table 4.12.1. Characteristics of Young Adults**

<b>Characteristics of Venue Patrons</b>	<b>Young Men 15-24 (n=429) %</b>	<b>Young Women 15-24 (n=540) %</b>
Number of patrons interviewed	429	540
Mean age	20.9	20.2
<b>Percentage of Youth Age 15-24 Who:</b>		
Are unemployed	24.3	20.4
Are currently a student	24.5	20.8
Do not live in the province	7.1	3.8
Visit the venue daily	35.5	37.5
Have injected drugs in the past 12 months	0.1	0.7
Received money for sex in the past 12 months	5.3	31.1
Gave money for sex in the past 12 months	15.8	3.3
Had a new sexual partner in the past 12 months	27.3	34.4
Had more than one sexual partner in the past 12 months	33.6	37.8
Of these, % using a condom at last vaginal coitus	39.5	43.6
Of these, % using a condom at last anal coitus	17.8	10.5
Had sex with a man in the past 12 months (men only)	10.2	—
Had a symptom of an STI in the past 4 weeks (men only)	9.8	—
Have ever been tested for HIV	18.8	54.1
HIV prevalence	2.0	8.1
Received money for sex, HIV prevalence	3.2	23.3
Did not receive money for sex, HIV prevalence	2.2	1.2
Gave money for sex, HIV prevalence	3.4	2.3
Did not give money for sex, HIV prevalence	1.8	8.3
<b>Rate of Sexual Partnerships</b>		
High: 1+ new partners or 2+ partners past 4 weeks	25.9	38.9
Moderate: 1+ new or 2+ partners past 12 months	17.3	9.3
Low: Not sexually active or 1 partner in the past 12 months	56.8	51.8

The indicators for youth are summarized in Table S.2, which is repeated here as Table 4.12.1. Approximately 30% of female youth have received money for sex in the past 12 months and over a third have had two or more partners in the past 12 months. Condom use is slightly higher than among all participants but still sub-par given that less than half of young men and women used condoms at their last sexual encounter. The HIV prevalence is high among young women at 8% and particularly high among young women who received money for sex in the past 12 months at 23%.

#### 4.13 Key Populations: Commercial Sex Workers, Clients, Men Who Have Sex with Men, and Injection Drug Users

Table 4.13.1. Transactional Sex, Men Having Sex with Men and Injection Drug Use

Interviews with Eligible and Willing Individuals Socializing at Venues Burundi, PLACE Assessment, 2013		
	Men n=1,249 %	Women n=1,190 %
Received Money or Goods for Sex, Ever	13.9	35.0
Received Non-monetary Assistance for Sex, Ever	9.6	31.5
Received Money for Sex, Ever	9.2	29.4
Received Money for Sex in the Past Year	6.5	22.2
Gave Money or Goods in Exchange for Sex, Ever	37.1	21.2
Gave Money in Exchange for Sex, Ever	25.1	3.4
Gave Goods for Sex, Ever	14.9	19.1
Gave Money in Exchange for Sex in Past Year	19.3	3.0
Gave or Received Money in Exchange for Sex in Past Year	22.1	23.5
Men who Had Sex With Male in Past Year	7.5	----
Respondent Injected Drugs in the Past 12 Months	0.8	0.9
Respondent Shared Syringe at Last Injection	73.4	81.0

Commercial sex is common given that 14% of men and 35% of women have received money or goods for sex at some point in their lives. Many currently exchange sex for money with 7% of men and 22% of women doing so in the past year.

Similarly, 19% of men have given money for sex in the past year, i.e. the clients of female sex workers.

Among men interviewed in venues, 8% have had sex with another man in the past year.

Less than 1% of men and women have injected drug in the past 12 months.

**Table 4.13.2 PLACE Indicators for Female Sex Workers**

<b>Characteristics of Venue Patrons</b>	<b>Female sex workers (n=495) %</b>
Number of patrons interviewed	429
Mean age	27.2
<b>Percentage of Female Sex Workers Who:</b>	
Are aged 15-24	47.4
Are currently a student	5.0
Are unemployed	10.9
Do not live in the province	7.4
Visit the venue daily	49.9
Visited two or more venues the day of the study	57.7
Have injected drugs in the past 12 months	0.1
Received money for sex in the past 12 months	75.6
Had more than one sexual partner in the past 12 months	78.5
Of these, % using a condom at last vaginal coitus	45.2
Of these, % using a condom at last anal coitus	9.1
Used a condom with the last client	45.1
Used a condom at last vaginal coitus	41.2
Consumed alcohol daily	47.8
Were ever raped	35.1
Were ever jailed	34.6
Were ever homeless	30.5
Had a sore or ulcer in genital area in the past 12 months	21.0
Have ever been tested for HIV	70.8
Have been tested for HIV in the past 12 months	42.6
Are aware of positive HIV serostatus	8.5
HIV prevalence	21.3
HIV prevalence among those unaware of status	17.8
<b>Rate of Sexual Partnerships</b>	
High: 1+ new partners or 2+ partners past 4 weeks	79.2
Moderate: 1+ new or 2+ partners past 12 months	8.0
Low: Not sexually active or 1 sexual partner in the past 12 months	12.7

Table S.5 from the Summary of PLACE indicators is repeated here as table 4.13.2. Female sex workers, defined as women who had received money for sex at some point in their lives, are often under age 25, visit venues on a daily basis and use condoms less than half the time. Alcohol consumption is common, 35% have been raped at some point in their lives, 35% have been jailed and 31% have been homeless.

Almost 75% have been tested for HIV at some point but only 43% were tested in the past year. The HIV prevalence among female sex workers is 21% and 18% among those who were unaware of their positive serostatus.

**Table 4.13.3 PLACE Indicators for Men who Have Sex with Men**

<b>Characteristics of Venue Men who Have Sex with Men</b>	<b>MSM (n=290) %</b>
Number of patrons interviewed	290
Mean age	28.6
<b>Percentage of Men Who Have Sex With Men Who:</b>	
Are aged 15-24	50.7
Are currently a student	28.2
Are unemployed	27.8
Do not live in the province	4.8
Visit the venue daily	24.0
Visited two or more venues the day of the study	54.3
Have injected drugs in the past 12 months	0.3
Had a new sex partner in the past 12 months	53.8
Paid money for sex in the past 12 months	40.1
Of these, % using a condom at last coitus with sex worker	26.2
Received money for sex in the past 12 months	31.9
Of these, % using a condom at last coitus with client	29.3
Had more than one sexual partner in the past 12 months	57.6
Of these, % using a condom at last vaginal coitus	52.6
Of these, % using a condom at last anal coitus	58.4
Used condom at last anal coitus	45.1
Consumed alcohol daily	30.4
Were ever raped	14.3
Were ever jailed	31.7
Were ever homeless	17.7
Had a symptom of an STI in the past 12 months	18.9
Have ever been tested for HIV	53.1
Have been tested for HIV in the past 12 months	32.0
Are aware of positive HIV serostatus	6.2
HIV prevalence	4.8
HIV prevalence among those unaware of status	3.7
<b>Rate of Sexual Partnerships</b>	
High: 1+ new partners or 2+ partners past 4 weeks	48.2
Moderate: 1+ new or 2+ partners past 12 months	25.5
Low: Not sexually active or 1 sexual partner in the past 12 months	26.3

Table S.6 is reprinted here as Table 4.13.3. Men who have sex with men are mostly young, more than half have met a new sex partner in the past 12 months and visit at least two venues a day. Four out of ten have paid for sex in the past year and three out of ten have received money for sex in the same period. Among those paying or getting paid for sex, less than a third used a condom at their last coitus with a sex worker or client. In general, less than half of men who have sex with men used a condom the last time they had anal sex.

Only half have ever been tested for HIV and less than a third were tested in the past year. The overall HIV prevalence is 5%.

## 4.14 Treatment for Sexually Transmitted Infections

Table 4.14.1. STI Symptoms

Interviews with Eligible and Willing Individuals Socializing at Venues Burundi, PLACE Assessment, 2013		
	Men n=1,249 %	Women n=1,190 %
<b>Symptoms in Past 12 months</b>		
Pain on urination (men only)	8.6	----
Unusual discharge	5.6	18.3
Sores	5.0	11.7
Any symptoms	10.2	24.8
<b>Had symptoms and sought treatment</b>	48.7	62.7

Another important prevention strategy is for people to get appropriate treatment for sexually transmitted infections. In Burundi, 10% of men and 25% of women have had an STI symptom in the past 12 months, but only 49% of men and 63% of women sought treatment.

## 4.15 HIV Prevalence

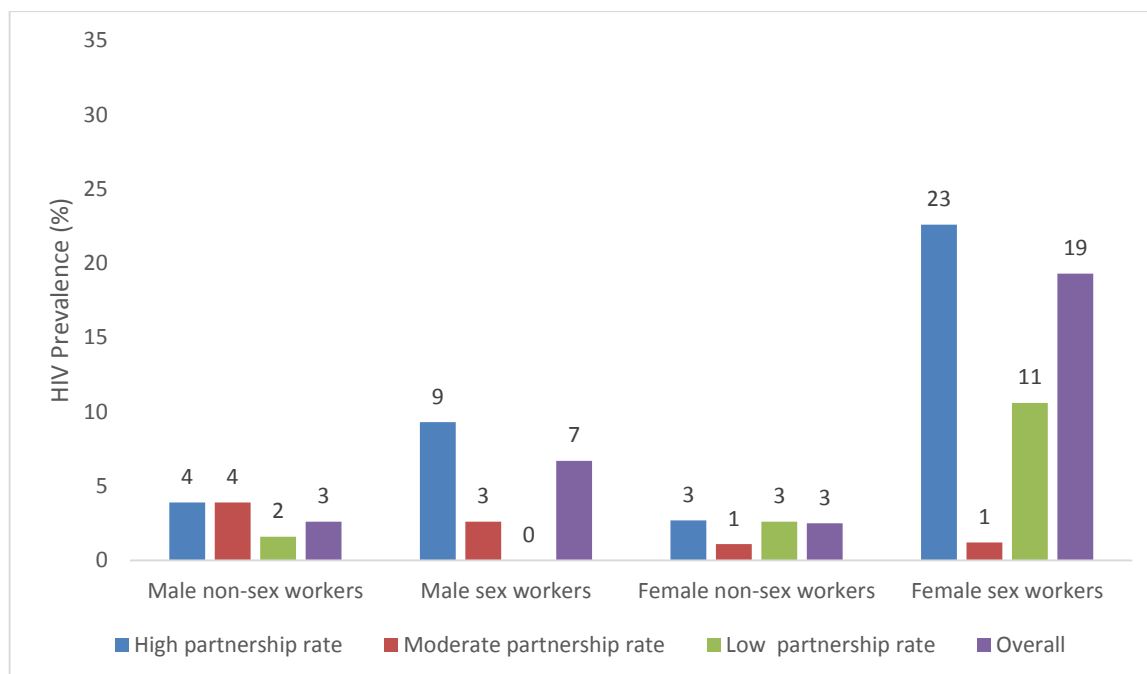
Table 4.15.1. Prevalence of HIV Infection

Interviews with Eligible and Willing Individuals Socializing at Venues Burundi, PLACE Assessment, 2013		
	Men n=1,249 %	Women n=1,190 %
<b>HIV Prevalence</b>		
<b>Overall</b>	2.7	7.4
<b>Believed HIV positive</b>	4.1	6.4
<b>Among female sex workers</b>	----	21.3
<b>Among men who have sex with men</b>	4.8	----
<b>Among those with a high partnership rate</b>	4.1	16.0
<b>Among those with a moderate partnership rate</b>	3.9	1.1
<b>Among those with a low partnership rate</b>	1.5	3.1

The overall HIV prevalence is higher among people working and socializing at venues, i.e. participants from the PLACE study, than among the general population based on the last demographic health survey: 1.1% among men and 1.7% among women age 15-49. This is as expected given that people at venues have more sexual partners than the general population.

HIV infection is most common among female sex workers at 21% and more so those who had at least one new partner or two partners in the past month (high partnership rate). Male sex workers are also affected by a high rate of infection: 7% prevalence.

**Figure 4.15.1. HIV Prevalence by Sex, History of Sex Work and Partnership Rate**



## 4.16 Population Size Estimates

**Table 4.16.1. Population Size Estimates**

Population Size Estimates Burundi, PLACE Assessment, 2013					
	Bujumbura	Other Urban Areas	Rural	Total	Percent of Male/Female Adult Population*
Female sex workers	14,562	10,007	26,913	51,482	2.4
Clients	27,737	24,644	56,136	108,517	5.0
Men who have sex with men	5,385	2,245	1,716	9,346	0.4

\*Age 15-49 as per the UNAIDS instructions for the MoT

Interviews with venue informants yielded a national estimate of 51,482 female sex workers, 108,517 clients of female sex workers and 9,346 men who have sex with men. One quarter of female sex workers and their clients live in Bujumbura compared to more than half of men who have sex with men. The population size estimates were used as inputs for the modes of transmission (MoT) analysis discussed in Step 5.

## 5.1 Analysis and Summary of Main Results

### A. Conclusions and Recommendations

A representative sample of venues where people meet new sexual partners was taken from across Burundi. Venues where men who have sex with men and sex workers were over sampled and weights were created to adjust for over-sampling and allow for generalization to all people who visit venues in Burundi. According to venue informants, women come solicit customers at almost half and sex occurs onsite at a quarter of all venues. HIV prevention activities are scarce overall given that only 11% have condoms on-site and 2% offered HIV testing in the last year. Overall, venue managers were receptive to offering HIV testing at venues and should be approached about hosting other HIV prevention interventions. At least one key population was present at the majority of venues, an opportunity to reach those at increased risk.

Among those socializing at venues, 22% of men and 24% of women have given or received money for sex in the past year. Condom use is low overall with a third or less having used a condom at last vaginal coitus and 5% at last anal coitus. HIV testing coverage is also sub-optimal with only a 25% of men and 42% of women tested in the past year; almost 60% of men and 40% women have never been tested. The prevalence of HIV infection is higher among women at 7% compared to 3% among men. Less than half of men were circumcised. Increased HIV testing, linkage to care, voluntary male circumcision and condom availability programs are examples of low-hanging fruit interventions for the population visiting social venues in Burundi.

Youth age 15-24 are as involved in sex work as the general population, have similar rates of partnership and only slightly higher condom use. HIV testing is low (19% of men vs. 54% of women have ever been tested), and the HIV prevalence is 4 times higher among young women compared to young men: 8% vs. 2%. People socializing at venues are often young and almost half have had 2 or more partners in the past year putting them at risk of acquiring or transmitting HIV. Given their level of risk, programs should intervene among youth offering education, vocational training, or cash transfers to steer youth away from sex work and prevent the loss of the economically productive population.

Almost half of female sex workers are under age 25, and visit venues daily. Only 45% of women used a condom the last time they had sex with a client or their main partner. These women are likely to have been jailed, raped or homeless, factors that increase vulnerability and perpetuate the cycle of sex work, poverty and HIV infection. The prevalence of HIV among those unaware of their status is 18%, a sign that testing programs are insufficient. Women who test positive should be immediately linked to local HIV treatment programs. Free male and female condoms should be offered to all female sex workers and the acceptability of new interventions to prevent infections such as antiretroviral-releasing vaginal rings and pre-exposure prophylaxis should be studied in this population.

Men who have sex with men are often young and visit more than one venue a day. More than half have met at least one new sexual partner in the past year. Large proportions have either given or received money for sex in the past year and only half used a condom at their last anal coitus. Thirty percent have been jailed and almost 20% have had symptoms of an STI in the past year. Less than one third has been tested for HIV in the last year. Five percent are HIV positive, 4% among those who are unaware of their serostatus. Prevention interventions including free HIV testing, linkage to care, condom distribution, pre-exposure prophylaxis among others should be offered to men who have sex with men in Burundi.

## B. Priority Venues

**Table 5.1.1. Priority Venues**

<b>Key Populations On-Site</b>	<b>N</b>	<b>%</b>
Where sex workers solicit	131	78.4
Where men have sex with men	73	43.7
Where IDUs socialize	30	18
<b>Number of Venues Meeting: (Criteria 1, Criteria 2, Criteria 3)</b>		
Criteria 1: Three key populations at venue	13	7.8
Criteria 2: One or two key populations at venue	131	78.4
Criteria 3: Venues with more than 25 people	1554	67.8
<b>Priority Level</b>		
Level 1: Venues with 3 key populations and more than 25 people	10	6.0
Level 2: Venues 1-2 key populations and more than 25 people	101	60.5
Level 3: Venues meet one of three criteria	47	28.2
Level 4: All other venues	9	5.4

Data from venue verification and interviews with individuals socializing at venues can be used to identify priority venues for prevention programs. Here is one approach for identifying priority venues. The key populations here have been defined as follows:

Key Population 1: Female sex workers.

Key Population 2: Men who have sex with men.

Key Population 3: People who inject drugs

Interventions delivered through venues should focus on venues where those at increased risk can be reached most efficiently. There were 10 venues where all three key populations socialize and more than 25 people can be reached at a busy time. In the second tier of the priority scheme, there are 101 venues where at least one of the key populations socializes and more than 25 people can be reached. Venues in tier 3 and 4 are a lower priority and interventions should only be offered at those venues if higher priority venues have adequate coverage.

## 5.2 Modes of Transmission Modeling (MoT)

The Modes of Transmission (MoT) model is a tool to estimate the number of annual new HIV infections among different populations. The expected number of new infections per year are calculated using basic epidemiological and behavioral data for each population. The populations are mutually exclusive and include female sex workers, their clients, stable partners of the clients, people who inject drugs, partners of people who inject drugs, men who have sex with men, female partners of men who have sex with men, people engaging in casual heterosexual sex, their stable partners, people in stable, mutually monogamous heterosexual relationships and people who are at risk of infection through medical injections or blood transfusions.

To compile the data needed, we reviewed country reports and analyzed the data sets from the Demographic Health Survey (DHS) conducted in 2010 and the PLACE study described in this report and conducted in 2013. Populations excluded from our analysis due to lack of data include people who inject drugs, their partners and people who have undergone medical transfusions or blood transfusions. See Table 5.2.1 for populations included in the model and the data source used. Table 5.2.2 contains the epidemiological and behavioral data points that served as inputs for the model.

After all inputs were included in the model we used a separate modelling software, Spectrum, (created by Futures Institute and promoted by UNAIDS) to project a plausible maximum and plausible minimum number new infections for 2013. Spectrum uses prevalence information from surveillance data and large nationwide surveys as well as the number of adults, children and pregnant women who receive ART to project the number of new infections over time. Spectrum is preloaded with data from UNAIDS and other agencies and we used the rural/urban generalized epidemic profile for the following projections: Lower (2.5%) 1,823 and 5,972 upper (97.5%) new infections for 2013. These upper and lower plausible values were then input into the MoT to calculate the uncertainty bounds for the percent of new infections by population group.

**Table 5.2.1. Definitions Used to Classify Individuals According to Risk Behavior**

<b>Risk population</b>	<b>Definition</b>	<b>Source</b>
Men who have sex with men	Men age 15+ in social venues who had sex with another man in the past 12 mo.	PLACE
Female partners of men who have sex with men	Stable heterosexual couples as proxy for women married to men who have sex with men	DHS/ PLACE
Female sex workers	Women age 15+ in social venues who had accepted money or goods in exchange for sex in the past 12 mo.	PLACE
Clients of female sex workers	Men age 15+ in social venues who had paid for sex in the past 12 mo.	PLACE
Partners of clients of female sex workers	Women age 15+ in social venues who believe their regular partner had paid someone for sex in the past 12 mo.	PLACE
Casual heterosexual sex	Men and women age 15-59 with at least 2 partners in the past 12 mo.	DHS
Partners of casual heterosexual sex	Men and women age 15+ who believe their main partner had sex with another person in the past 12 mo.	PLACE
Stable heterosexual sex	Men and women age 15-59 with only 1 partner in the past 12 mo.	DHS
No recent risk	Men and women age 15-59 with no partners in the past 12 mo.	DHS

**Table 5.2.2. Model Inputs for Each Population**

Risk population	Population size (% of male or female adult population)		HIV prevalence (%)	STI prevalence (%)	Number of partners per year	Acts of exposure per partner per year	Percentage of acts protected	Number of people receiving ART
	Male	Female						
Sex workers	--	2.4	21.3	21.4	67	3	52.5	3,828
Clients	5.0	--	3.8	17.5	32	3	48.6	440
Partners of Clients	--	3.8	5.2	NA	1	68	12.2	2,224
Men who have sex with men	0.4	--	4.8	18.7	8	5	44.9	30
Female partners of MSM	--	0.13	1.9	NA	1	82	2.9	26
Casual heterosexual sex	2.9	0.3	5.4	7.7	2	50	15.7	189
Partners of casual heterosexual sex	0.3	2.7	1.0	NA	1	82	6.8	307
Stable heterosexual couples	54.1	51.6	1.6	4.8	1	82	2.9	18,011
No risk	37.4	39.2	1.0	1.4	0	0	0	5,557

Note: NA = Not applicable; Adult population = age 15-49

**Table 5.2.3. Model Estimated Annual HIV Infections by Population**

Risk population	New Infections	Incidence Rate per 100,000	% of New Infections	% of New Infections LB	% of New Infections UB
Sex workers	179	348	4.9	3.1	7.1
Clients	858	791	23.5	13.7	37.2
Partners of clients	229	278	6.2	4.1	9.0
Men who have sex with men	126	1,344	3.5	2.1	5.6
Female partners of MSM	15	503	0.4	0.3	0.6
Casual heterosexual sex	337	495	9.1	6.2	13.4
Partners of casual heterosexual sex	288	442	8.3	5.7	11.5
Stable heterosexual couples	1,556	67	43.3	30.6	54.3
No risk	0	0	0.0	-	-
<b>Total</b>	<b>3,588</b>	<b>82</b>	<b>99.2*</b>	-	-

Note: Results from MoT uncertainty analysis; LB: lower bound; UP: upper bound; \* new infections from medical injects were excluded from the table due to lack of data

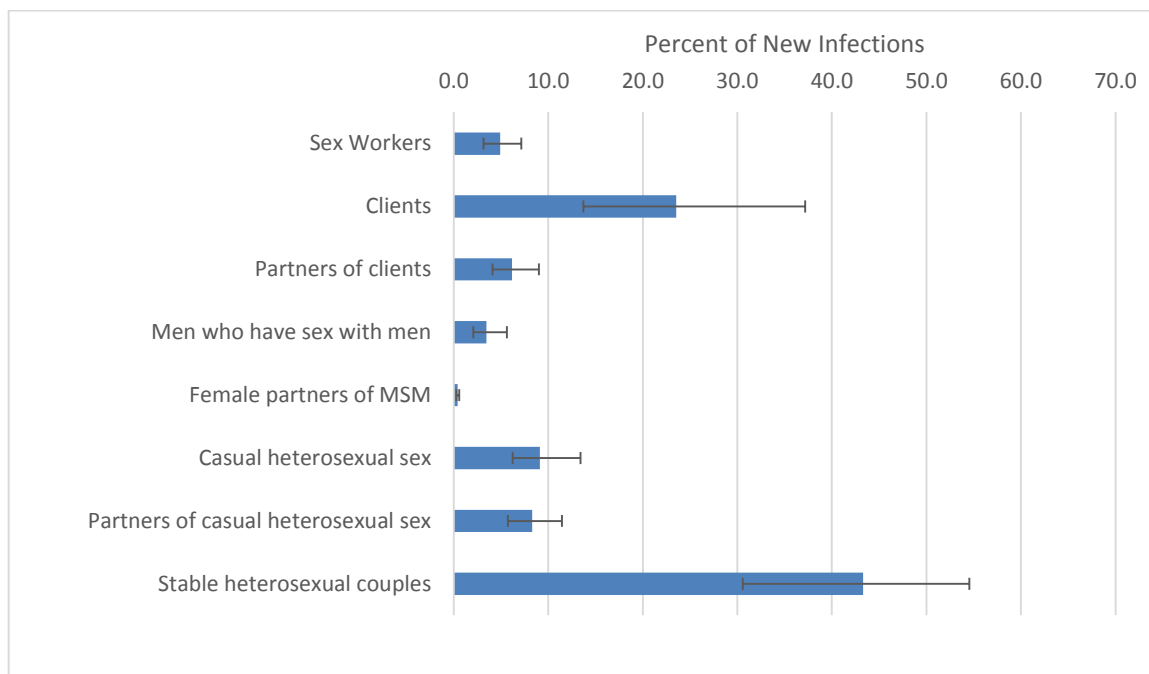
The modes of transmission (MoT) analysis is useful to gain an understanding into the distribution of new infections by risk population. We estimated that 43% of new infections (1,556) occurred among stable heterosexual couples, the largest population by sheer numbers. Clients of female sex workers incurred 24% of new infections followed by those engaging in casual heterosexual sex, their partners, the stable partners of clients, female sex workers and men who have sex with men. (Table 5.2.3 and Figure 5.2.1) Although the percent of incident cases among sex workers and men who have sex with men is small compared to the total number of new infections (5 and 4%, respectively) this is due to small populations relative to the total population. The incidence rate or severity of the epidemic among men who have sex with men, however, was the highest of all populations at 1,344 per 100,000 per year. (Figure 5.2.2) Among female sex workers, their clients and the stable partners of the clients, the model predicted 1,266 new infections or 35% of annual infections. This finding justifies interventions to prevent transmission among female sex workers and their clients. The rate of transmission among stable heterosexuals is the lowest at 67 per 100,000, i.e. interventions must reach more heterosexuals in stable relationships to prevent one new infection compared to populations with higher rates of infection. The model supports that sex workers, their clients and men who have sex with men

are vulnerable groups, not only for the acquisition of HIV, but also for the transmission of sexually transmitted infections and HIV.

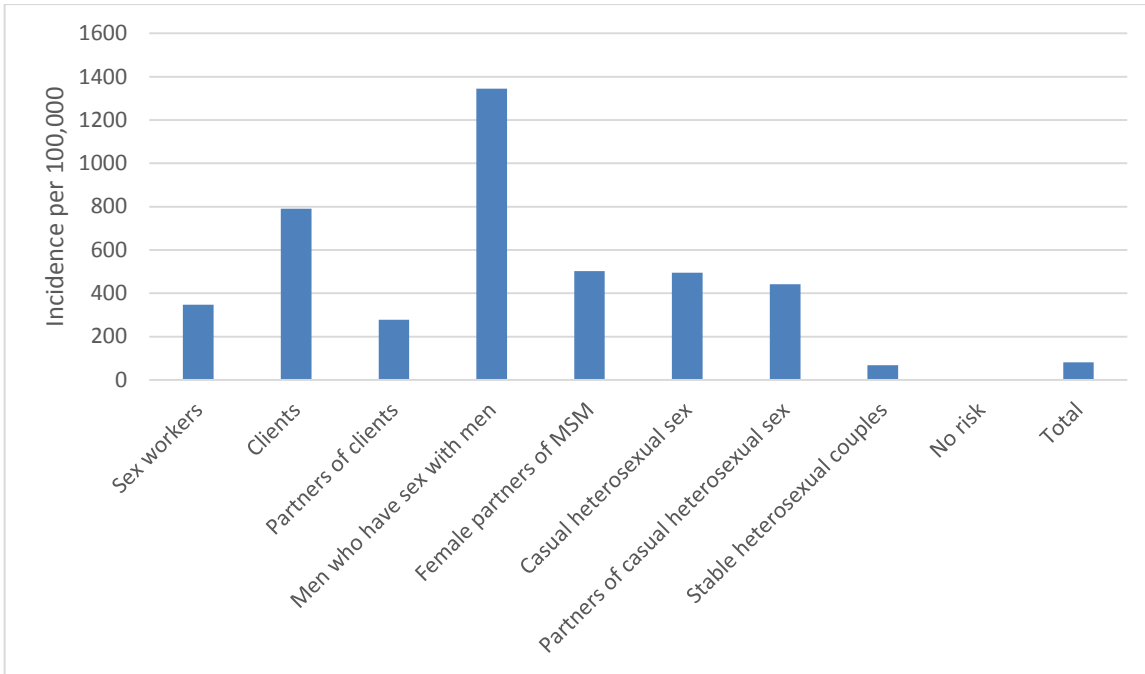
The results from the MoT analysis for Burundi are similar to those from Benin and Ghana, countries with similar adult prevalence rates and that also have a mixed generalized and concentrated epidemics (Gouws, et al. 2012).

The Modes of Transmission model is only a model, i.e. a simplified version of reality, and the quality of the results are dependent on the quality of the inputs and many assumptions built into the model. We chose the most reliable, available data source for the model inputs but those sources have limitations. For example, the demographic health survey is a representative household survey but traditionally underestimates sexual risk behaviors such as the proportion of the general population that has two or more partners per year (those engaging in casual heterosexual sex). The size of key populations was estimated based on a survey of individuals socializing and working at venues. These estimates could be biased if a large segment of the key populations do not visit venues or if the sample of venues does not represent all venues. Finally, coverage of antiretroviral therapy was estimated using interviews among venue patrons and workers that asked participants had ever taken medicine for HIV; the population surveyed was not representative of the country, sample sizes were low for some populations and the questionnaire did not attempt to ascertain whether participants were currently taking antiretrovirals. In summary, the results of the MoT should be interpreted with caution as one more piece of information that provides a general idea of how to direct scarce prevention and treatment resources, and the model can be improved on as better quality information becomes available.

**Figure 5.2.1. Distribution of New Infections by Mode of Transmission, Burundi, 2013**



**Figure 5.2.2. Estimated HIV Incidence per 100,000 by Population, Burundi, 2013**



**6.1 Appendix 1: Weighted frequency tables for most variables by type of area sampled: Bujumbura vs. other urban vs. rural areas**

Table 1 Site Distribution and Activities by Type of Area, Burundi, 2013  
Site Informant Survey, Unweighted, Burundi, 2013

Table 1	Bujumbura, %		Other urban, %		Rural, %		Total	
	N	%	N	%	N	%	N	%
Informant type								
Staff / owner	473	69.5	699	82.9	633	82.3	1805	78.7
Security guard	32	4.7	13	1.5	7	0.9	52	2.3
Patron	70	10.3	59	7.0	58	7.5	187	8.2
Vendor in area	54	7.9	26	3.1	38	4.9	118	5.1
Sex worker	11	1.6	17	2.0	0.0	0.0	28	1.2
Other	41	6.0	29	3.4	33	4.3	103	4.5
Informant age								
15 - 19	29	4.3	48	5.7	28	3.6	105	4.6
20 - 24	177	26.0	186	22.1	114	14.8	477	20.8
25 - 29	197	28.9	198	23.5	138	17.9	533	23.2
30 - 34	115	16.9	144	17.1	138	17.9	397	17.3
35 - 39	76	11.2	109	12.9	133	17.3	318	13.9
40+	87	12.8	158	18.7	218	28.3	463	20.2
Type of site								
Bar	424	62.3	535	63.5	639	83.1	1598	69.7
Hotel	108	15.9	210	24.9	32	4.2	350	15.3
Private house	23	3.4	24	2.8	12	1.6	59	2.6
Near secondary school	15	2.2	7	0.8	14	1.8	36	1.6
Restaurant	7	1.0	7	0.8	17	2.2	31	1.4
Video room	9	1.3	9	1.1	11	1.4	29	1.3
Field	7	1.0	8	0.9	10	1.3	25	1.1
Local brew	8	1.2	4	0.5	4	0.5	16	0.7
Nightclub	11	1.6	4	0.5	1	0.1	16	0.7
Food kiosk	5	0.7	1	0.1	7	0.9	13	0.6
Guest house	5	0.7	7	0.8	0.0	0.0	12	0.5
Overnight truck stop	1	0.1	0.0	0.0	0.0	0.0	1	0.0
Casino	1	0.1	3	0.4	0.0	0.0	4	0.2
House in construction	1	0.1	3	0.4	2	0.3	6	0.3

Table 1	Bujumbura, %		Other urban, %		Rural, %		Total	
	N	%	N	%	N	%	N	%
Taxi stop	2	0.3	0.0	0.0	1	0.1	3	0.1
Truck stop	1	0.1	0.0	0.0	0.0	0.0	1	0.0
Bus station	2	0.3	0.0	0.0	0.0	0.0	2	0.1
Street site	10	1.5	1	0.1	0.0	0.0	11	0.5
Market	5	0.7	0.0	0.0	2	0.3	7	0.3
Shopping centre	2	0.3	4	0.5	1	0.1	7	0.3
Health Spa	6	0.9	3	0.4	0.0	0.0	9	0.4
Shop	3	0.4	1	0.1	0.0	0.0	4	0.2
Shop selling alcohol	1	0.1	0.0	0.0	1	0.1	2	0.1
Construction site	2	0.3	2	0.2	3	0.4	7	0.3
Hair salon	3	0.4	0.0	0.0	5	0.7	8	0.3
Massage parlor	2	0.3	0.0	0.0	0.0	0.0	2	0.1
Church	1	0.1	4	0.5	1	0.1	6	0.3
Mosque	1	0.1	0.0	0.0	0.0	0.0	1	0.0
University	6	0.9	1	0.1	0.0	0.0	7	0.3
Park	0.0	0.0	1	0.1	2	0.3	3	0.1
By lake river	2	0.3	0.0	0.0	0.0	0.0	2	0.1
Sports field	6	0.9	0.0	0.0	0.0	0.0	6	0.3
Other event	0.0	0.0	0.0	0.0	2	0.3	2	0.1
Association meetings	1	0.1	1	0.1	0.0	0.0	2	0.1
44	0.0	0.0	3	0.4	2	0.3	5	0.2
Type of site								
Bar	424	62.3	535	63.5	639	83.1	1598	69.7
Hotel	108	15.9	210	24.9	32	4.2	350	15.3
Private house	23	3.4	24	2.8	12	1.6	59	2.6
Near secondary school	15	2.2	7	0.8	14	1.8	36	1.6
Restaurant	7	1.0	7	0.8	17	2.2	31	1.4
Video room	9	1.3	9	1.1	11	1.4	29	1.3
Field	7	1.0	8	0.9	10	1.3	25	1.1
Other	88	12.9	43	5.1	34	4.4	165	7.2

Table 1	Bujumbura, %		Other urban, %		Rural, %		Total	
	N	%	N	%	N	%	N	%
Years in operation								
<1 year	66	9.7	101	12.0	97	12.6	264	11.5
1-2 years	154	22.6	158	18.7	147	19.1	459	20.0
> 2 years	460	67.5	583	69.2	523	68.0	1566	68.3
NA	1	0.1	1	0.1	2	0.3	4	0.2
Male staff								
0 Workers	62	9.1	76	9.0	90	11.7	228	9.9
1-2 Workers	166	24.4	385	45.7	538	70.0	1089	47.5
3-4 Workers	194	28.5	233	27.6	105	13.7	532	23.2
5-9 Workers	159	23.3	100	11.9	25	3.3	284	12.4
10-19 Workers	58	8.5	41	4.9	5	0.7	104	4.5
20+ Workers	40	5.9	6	0.7	6	0.8	52	2.3
.	2	0.3	2	0.2	0.0	0.0	4	0.2
Female staff								
0 Workers	338	49.6	436	51.7	506	65.8	1280	55.8
1-2 Workers	191	28.0	317	37.6	231	30.0	739	32.2
3-4 Workers	78	11.5	59	7.0	19	2.5	156	6.8
5-9 Workers	46	6.8	24	2.8	10	1.3	80	3.5
10-19 Workers	15	2.2	5	0.6	2	0.3	22	1.0
20+ Workers	11	1.6	0.0	0.0	1	0.1	12	0.5
.	2	0.3	2	0.2	0.0	0.0	4	0.2
People meet sexual partners								
Yes	178	26.1	311	36.9	276	35.9	765	33.4
No	487	71.5	524	62.2	466	60.6	1477	64.4
.	16	2.3	8	0.9	27	3.5	51	2.2
Female sex workers solicit customers								
Yes	270	39.6	438	52.0	345	44.9	1053	45.9
No	365	53.6	392	46.5	398	51.8	1155	50.4
.	46	6.8	13	1.5	26	3.4	85	3.7
Someone on-site helps partners meet	47	6.9	60	7.1	34	4.4	141	6.1

Table 1	Bujumbura, %		Other urban, %		Rural, %		Total	
	N	%	N	%	N	%	N	%
Yes								
No	584	85.8	773	91.7	728	94.7	2085	90.9
.	50	7.3	10	1.2	7	0.9	67	2.9
Sex on site								
Yes	196	28.8	272	32.3	111	14.4	579	25.3
No	464	68.1	568	67.4	648	84.3	1680	73.3
.	21	3.1	3	0.4	10	1.3	34	1.5
Male staff meet partners								
Yes	70	10.3	87	10.3	30	3.9	187	8.2
No	555	81.5	741	87.9	723	94.0	2019	88.1
.	56	8.2	15	1.8	16	2.1	87	3.8
Female staff meet partners								
Yes	70	10.3	79	9.4	22	2.9	171	7.5
No	557	81.8	752	89.2	736	95.7	2045	89.2
.	54	7.9	12	1.4	11	1.4	77	3.4
Women come expecting gifts for sex								
Yes	203	29.8	368	43.7	403	52.4	974	42.5
No	404	59.3	455	54.0	343	44.6	1202	52.4
.	74	10.9	20	2.4	23	3.0	117	5.1
Men meet male partners								
Yes	32	4.7	6	0.7	3	0.4	41	1.8
No	594	87.2	826	98.0	759	98.7	2179	95.0
.	55	8.1	11	1.3	7	0.9	73	3.2
People do drugs								
Yes	70	10.3	23	2.7	13	1.7	106	4.6
No	611	89.7	820	97.3	756	98.3	2187	95.4
Free condoms								
Yes	52	7.6	104	12.3	120	15.6	276	12.0
No	623	91.5	734	87.1	646	84.0	2003	87.4
.	6	0.9	5	0.6	3	0.4	14	0.6

Table 1	Bujumbura, %		Other urban, %		Rural, %		Total	
	N	%	N	%	N	%	N	%
Condoms for sale								
Yes	44	6.5	63	7.5	45	5.9	152	6.6
No	633	93.0	776	92.1	720	93.6	2129	92.8
.	4	0.6	4	0.5	4	0.5	12	0.5
On site HIV testing								
Yes	10	1.5	18	2.1	15	2.0	43	1.9
No	662	97.2	821	97.4	753	97.9	2236	97.5
.	9	1.3	4	0.5	1	0.1	14	0.6
Safe sex outreach								
Yes	29	4.3	55	6.5	59	7.7	143	6.2
No	644	94.6	783	92.9	707	91.9	2134	93.1
.	8	1.2	5	0.6	3	0.4	16	0.7
Peer education								
Yes	18	2.6	55	6.5	66	8.6	139	6.1
No	656	96.3	783	92.9	701	91.2	2140	93.3
.	7	1.0	5	0.6	2	0.3	14	0.6
Any HIV prevention reported at site								
Yes	88	12.9	183	21.7	185	24.1	456	19.9
No	593	87.1	660	78.3	584	75.9	1837	80.1
Condoms at site								
Yes, but did not see one	56	8.2	74	8.8	79	10.3	209	9.1
Yes, and a condom was seen	75	11.0	108	12.8	74	9.6	257	11.2
No	550	80.8	661	78.4	616	80.1	1827	79.7
Manager support for HCT, DK = No								
Yes	426	62.6	582	69.0	618	80.4	1626	70.9
No	255	37.4	261	31.0	151	19.6	667	29.1
HIV/AIDS poster on display								
Yes	48	7.0	32	3.8	16	2.1	96	4.2
No	633	93.0	811	96.2	753	97.9	2197	95.8
Condom promotion poster	56	8.2	47	5.6	27	3.5	130	5.7

Table 1	Bujumbura, %		Other urban, %		Rural, %		Total	
	N	%	N	%	N	%	N	%
Yes								
No	625	91.8	796	94.4	742	96.5	2163	94.3
Condoms visible								
Yes	85	12.5	76	9.0	58	7.5	219	9.6
No	596	87.5	767	91.0	711	92.5	2074	90.4
Condoms for sale								
Yes	63	9.3	43	5.1	29	3.8	135	5.9
No	618	90.7	800	94.9	740	96.2	2158	94.1
Saturday, 2-6pm								
Yes	370	54.3	419	49.7	529	68.8	1318	57.5
No	311	45.7	424	50.3	240	31.2	975	42.5
Sunday, 2-6pm								
Yes	361	53.0	405	48.0	556	72.3	1322	57.7
No	320	47.0	438	52.0	213	27.7	971	42.3
Monday, 6-10pm								
Yes	391	57.4	428	50.8	372	48.4	1191	51.9
No	290	42.6	415	49.2	397	51.6	1102	48.1
Tuesday, 6-10pm								
Yes	386	56.7	435	51.6	375	48.8	1196	52.2
No	295	43.3	408	48.4	394	51.2	1097	47.8
Wednesday, 6-10pm								
Yes	394	57.9	443	52.6	402	52.3	1239	54.0
No	287	42.1	400	47.4	367	47.7	1054	46.0
Thursday, 6-10pm								
Yes	401	58.9	445	52.8	387	50.3	1233	53.8
No	280	41.1	398	47.2	382	49.7	1060	46.2
Friday, 6-10pm								
Yes	460	67.5	486	57.7	402	52.3	1348	58.8
No	221	32.5	357	42.3	367	47.7	945	41.2
Saturday, 6-10pm	471	69.2	502	59.5	401	52.1	1374	59.9

Table 1	Bujumbura, %		Other urban, %		Rural, %		Total	
	N	%	N	%	N	%	N	%
Yes								
No	210	30.8	341	40.5	368	47.9	919	40.1
Sunday, 6-10pm								
Yes	453	66.5	488	57.9	425	55.3	1366	59.6
No	228	33.5	355	42.1	344	44.7	927	40.4
Male patrons								
<=5 patrons	62	9.1	82	9.7	57	7.4	201	8.8
5-10 patrons	101	14.8	120	14.2	74	9.6	295	12.9
11-25 patrons	190	27.9	203	24.1	226	29.4	619	27.0
26-50 patrons	222	32.6	299	35.5	268	34.9	789	34.4
50-100 patrons	51	7.5	78	9.3	91	11.8	220	9.6
100+ patrons	54	7.9	61	7.2	53	6.9	168	7.3
.	1	0.1	0.0	0.0	0.0	0.0	1	0.0
Female patrons								
<=5 patrons	152	22.3	216	25.6	187	24.3	555	24.2
5-10 patrons	211	31.0	250	29.7	236	30.7	697	30.4
11-25 patrons	191	28.0	231	27.4	198	25.7	620	27.0
26-50 patrons	86	12.6	114	13.5	119	15.5	319	13.9
50-100 patrons	18	2.6	18	2.1	15	2.0	51	2.2
100+ patrons	22	3.2	14	1.7	14	1.8	50	2.2
.	1	0.1	0.0	0.0	0.0	0.0	1	0.0
Male & female patrons								
<=5 patrons	11	1.6	29	3.4	29	3.8	69	3.0
5-10 patrons	55	8.1	67	7.9	36	4.7	158	6.9
11-25 patrons	166	24.4	182	21.6	163	21.2	511	22.3
26-50 patrons	225	33.0	249	29.5	274	35.6	748	32.6
50-100 patrons	136	20.0	196	23.3	154	20.0	486	21.2
100+ patrons	87	12.8	120	14.2	113	14.7	320	14.0
.	1	0.1	0.0	0.0	0.0	0.0	1	0.0

Table 1 Site Distribution and Activities by Type of Area, Burundi, 2013  
Site Informant Survey, Unweighted, Burundi, 2013

Table of Milieu by msm_Sum			
Milieu(Type of area)	msm_Sum(MSM Sites)		
Frequency Row Pct Col Pct	No	Yes	Total
Bujumbura, %	32 44.44 30.19	40 55.56 54.79	72
Other urban, %	34 58.62 32.08	24 41.38 32.88	58
Rural, %	40 81.63 37.74	9 18.37 12.33	49
Total	106	73	179
Frequency Missing = 167			

Table of Milieu by fsw_Sum			
Milieu(Type of area)	fsw_Sum(FSW sites)		
Frequency Row Pct Col Pct	No	Yes	Total
Bujumbura, %	12 16.67 27.91	60 83.33 44.12	72
Other urban, %	13 22.41 30.23	45 77.59 33.09	58
Rural, %	18 36.73 41.86	31 63.27 22.79	49
Total	43	136	179
Frequency Missing = 167			

Table of Milieu by idu_Sum			
Milieu(Type of area)	idu_Sum(IDU sites)		
Frequency Row Pct Col Pct	No	Yes	Total
Bujumbura, %	56 77.78 38.10	16 22.22 50.00	72
Other urban, %	49 84.48 33.33	9 15.52 28.13	58
Rural, %	42 85.71 28.57	7 14.29 21.88	49
Total	147	32	179
Frequency Missing = 167			

Table of Milieu by kp				
Milieu(Type of area)	kp(Key populations)			
Frequency Row Pct Col Pct	0	1 - 2	3 +	Total
Bujumbura, %	5 6.94 17.24	56 77.78 41.48	11 15.28 73.33	72
Other urban, %	8 13.79 27.59	47 81.03 34.81	3 5.17 20.00	58
Rural, %	16 32.65 55.17	32 65.31 23.70	1 2.04 6.67	49
Total	29	135	15	179
Frequency Missing = 167				

Table 1 Site Distribution and Activities by Type of Area, Burundi, 2013  
Site Informant Survey, Unweighted, Burundi, 2013

Milieu de résidence des personnes enquêtées	N Obs	Variable	Label	Sum
Bujumbura, %	681	B34_1	Male patrons	23573
		B34_2	Female patrons	13681
Other urban, %	843	B34_1	Male patrons	29938
		B34_2	Female patrons	14776
Rural, %	769	B34_1	Male patrons	27578
		B34_2	Female patrons	13447

Table 2 Sex and Location of Venue Workers and Patrons, Burundi, 2013  
Worker and Patron Survey, Weighted, Burundi, 2013

Table 2	Participants
	1
Number of Respondents weighted (N)	68124
Sex	
Male	47.9
Female	52.1
Type of area	
Bujumbura, %	18.8
Other urban, %	25.6
Rural, %	55.5

Table 3 Sociodemographic Characteristics of Venue Workers and Patrons, Burundi, 2013  
Worker and Patron Survey, Weighted, Burundi, 2013

Table 3	Type of area											
	Bujumbura, %						Other urban, %					
	Male			Female			Male			Female		
	N	Mean	Median	N	Mean	Median	N	Mean	Median	N	Mean	Median
Age	7437	28.6	27.0	5399	26.4	24.0	8138	30.9	29.0	9328	27.1	25.0

Table 3	Type of area							Total
	Rural, %							
	Male			Female				
	N	Mean	Median	N	Mean	Median	N	
Age	17064	32.6	30.0	20758	32.0	29.0	68124	30.5

Table 3	Bujumbura, %				Other urban, %				Rural, %				Total	
	Male		Female		Male		Female		Male		Female			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Age group, report														
15-19	819	11.0	1026	19.0	710	8.7	1851	19.8	939	5.5	2219	10.7	7564	11.1
20-24	1876	25.2	1743	32.3	1716	21.1	2629	28.2	3492	20.5	3790	18.3	15246	22.4
25-29	1973	26.5	1140	21.1	1857	22.8	2218	23.8	3663	21.5	4689	22.6	15540	22.8
30-34	1285	17.3	699	12.9	1341	16.5	888	9.5	3374	19.8	3374	16.3	10961	16.1
35-39	680	9.1	352	6.5	783	9.6	697	7.5	1465	8.6	1869	9.0	5846	8.6
40+	804	10.8	439	8.1	1731	21.3	1045	11.2	4131	24.2	4817	23.2	12967	19.0
Age group, UNAIDS														
<25 years old	2695	36.2	2769	51.3	2426	29.8	4480	48.0	4431	26.0	6009	28.9	22810	33.5
>=25 years old	4742	63.8	2630	48.7	5712	70.2	4848	52.0	12633	74.0	14749	71.1	45314	66.5
Place of residence														
This province	6814	91.6	4982	92.3	7397	90.9	8452	90.6	16529	96.9	20372	98.1	64546	94.7
Another province	455	6.1	252	4.7	653	8.0	705	7.6	535	3.1	386	1.9	2986	4.4
Outside Burundi	168	2.3	165	3.1	88	1.1	171	1.8	0.0	0.0	0.0	0.0	592	0.9
Time living in province														
Does not live in province	593	8.0	401	7.4	741	9.1	835	9.0	535	3.1	465	2.2	3570	5.2

Table 3	Bujumbura, %				Other urban, %				Rural, %				Total	
	Male		Female		Male		Female		Male		Female			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Less than 1 year	781	10.5	495	9.2	400	4.9	336	3.6	237	1.4	693	3.3	2942	4.3
1 to 5 years	2056	27.6	1449	26.8	815	10.0	1412	15.1	912	5.3	1383	6.7	8027	11.8
Over 5 years but not all my life	2107	28.3	1462	27.1	882	10.8	1402	15.0	1307	7.7	2158	10.4	9318	13.7
All my life	1900	25.5	1592	29.5	5300	65.1	5343	57.3	14073	82.5	16059	77.4	44267	65.0
Education level														
None	639	8.6	953	17.7	886	10.9	1944	20.8	3709	21.7	6164	29.7	14295	21.0
Primary school	3132	42.1	2131	39.5	4710	57.9	4418	47.4	9109	53.4	10515	50.7	34015	49.9
Secondary school first cycle	1354	18.2	1251	23.2	1480	18.2	1859	19.9	2273	13.3	2623	12.6	10840	15.9
Secondary school second cycle	1126	15.1	643	11.9	683	8.4	905	9.7	1535	9.0	1377	6.6	6269	9.2
Additional higher education	1186	15.9	421	7.8	379	4.7	202	2.2	438	2.6	79	0.4	2705	4.0
Currently in school														
Yes	1209	16.3	855	15.8	716	8.8	1415	15.2	1605	9.4	1255	6.0	7055	10.4
No	6228	83.7	4544	84.2	7422	91.2	7913	84.8	15459	90.6	19503	94.0	61069	89.6
Employment status														
None, looking for work	651	8.8	533	9.9	471	5.8	500	5.4	772	4.5	535	2.6	3462	5.1
None, not looking for work	700	9.4	785	14.5	383	4.7	847	9.1	1657	9.7	1596	7.7	5968	8.8
Informally employed	1186	15.9	1564	29.0	1170	14.4	1803	19.3	945	5.5	3000	14.5	9668	14.2
Yes, occasional / part time work	1154	15.5	712	13.2	758	9.3	1231	13.2	1848	10.8	2106	10.1	7809	11.5
Yes, full time	3746	50.4	1805	33.4	5356	65.8	4947	53.0	11842	69.4	13521	65.1	41217	60.5
Employed														
Yes	6086	81.8	4081	75.6	7284	89.5	7981	85.6	14635	85.8	18627	89.7	58694	86.2
No	1351	18.2	1318	24.4	854	10.5	1347	14.4	2429	14.2	2131	10.3	9430	13.8
Marital status														
Currently married	2320	31.2	1358	25.2	3862	47.5	2907	31.2	9973	58.4	10431	50.3	30851	45.3
Previously married	466	6.3	1514	28.0	703	8.6	2586	27.7	1079	6.3	5063	24.4	11411	16.8
Never married	4651	62.5	2527	46.8	3573	43.9	3835	41.1	6012	35.2	5264	25.4	25862	38.0

Table 3	Bujumbura, %				Other urban, %				Rural, %				Total	
	Male		Female		Male		Female		Male		Female			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Main partner currently														
Yes	4382	58.9	3582	66.3	5794	71.2	5656	60.6	12119	71.0	14178	68.3	45711	67.1
No	3055	41.1	1817	33.7	2344	28.8	3672	39.4	4945	29.0	6580	31.7	22413	32.9
Male main partner														
Yes	435	5.8	3482	64.5	401	4.9	5454	58.5	860	5.0	13485	65.0	24117	35.4
No	7002	94.2	1917	35.5	7737	95.1	3874	41.5	16204	95.0	7273	35.0	44007	64.6
Female main partner														
Yes	3917	52.7	100	1.9	5393	66.3	202	2.2	11259	66.0	693	3.3	21564	31.7
No	3520	47.3	5299	98.1	2745	33.7	9126	97.8	5805	34.0	20065	96.7	46560	68.3
Number of main partners														
1	3943	53.0	3034	56.2	5568	68.4	5346	57.3	11821	69.3	14178	68.3	43890	64.4
0	3055	41.1	1817	33.7	2344	28.8	3672	39.4	4945	29.0	6580	31.7	22413	32.9
2	375	5.0	423	7.8	185	2.3	250	2.7	298	1.7	0.0	0.0	1531	2.2
3	64	0.9	125	2.3	41	0.5	60	0.6	0.0	0.0	0.0	0.0	290	0.4

Table 4 Risk Factors among Workers and Patrons, Burundi, 2013  
Worker and Patron Survey, Weighted, Burundi, 2013

Table 4	Bujumbura, %				Other urban, %				Rural, %				Total	
	Male		Female		Male		Female		Male		Female			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Ever jailed														
Yes	2242	30.1	1068	19.8	2654	32.6	1770	19.0	5580	32.7	2167	10.4	15481	22.7
No	5195	69.9	4331	80.2	5484	67.4	7558	81.0	11484	67.3	18591	89.6	52643	77.3
Ever homeless														
Yes	1409	18.9	1172	21.7	1195	14.7	1989	21.3	2404	14.1	2112	10.2	10281	15.1
No	6028	81.1	4227	78.3	6943	85.3	7339	78.7	14660	85.9	18646	89.8	57843	84.9
Ever raped														
Yes	726	9.8	1268	23.5	434	5.3	1440	15.4	596	3.5	3568	17.2	8032	11.8
No	6711	90.2	4131	76.5	7704	94.7	7888	84.6	16468	96.5	17190	82.8	60092	88.2
Received money for sex, last 12 mo.														
Yes	925	12.4	2061	38.2	488	6.0	3082	33.0	702	4.1	2729	13.1	9987	14.7
No	6512	87.6	3338	61.8	7650	94.0	6246	67.0	16362	95.9	18029	86.9	58137	85.3
Frequency alcohol consumption														
Daily	2729	36.7	1581	29.3	3558	43.7	2762	29.6	7006	41.1	4598	22.2	22234	32.6
Weekly	1168	15.7	876	16.2	1315	16.2	1570	16.8	3347	19.6	4033	19.4	12309	18.1
Less than weekly	2534	34.1	1644	30.5	2113	26.0	2714	29.1	4106	24.1	7641	36.8	20752	30.5
Never	1006	13.5	1298	24.0	1152	14.2	2282	24.5	2605	15.3	4486	21.6	12829	18.8
Injection drug use														
Yes, in past 12 months	72	1.0	12	0.2	41	0.5	0.0	0.0	158	0.9	316	1.5	599	0.9
Yes, more than 12 months ago	33	0.4	22	0.4	30	0.4	137	1.5	0.0	0.0	70	0.3	292	0.4
Never	7332	98.6	5365	99.4	8067	99.1	9191	98.5	16906	99.1	20372	98.1	67233	98.7
At venue to look for sexual partner														
Yes	988	13.3	1525	28.2	772	9.5	2200	23.6	772	4.5	2018	9.7	8275	12.1
No	6449	86.7	3874	71.8	7366	90.5	7128	76.4	16292	95.5	18740	90.3	59849	87.9

Table 4	Bujumbura, %				Other urban, %				Rural, %				Total	
	Male		Female		Male		Female		Male		Female			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Frequency of venue attendance														
Everyday	2310	31.1	2519	46.7	3434	42.2	3645	39.1	7237	42.4	6674	32.2	25819	37.9
4 to 6 times per week	1103	14.8	527	9.8	1450	17.8	1899	20.4	3310	19.4	3045	14.7	11334	16.6
2 to 3 times per week	1563	21.0	819	15.2	1698	20.9	1688	18.1	3307	19.4	4398	21.2	13473	19.8
One time per week	971	13.1	515	9.5	684	8.4	1000	10.7	1167	6.8	2684	12.9	7021	10.3
2 to 3 times per month	613	8.2	285	5.3	490	6.0	643	6.9	885	5.2	1787	8.6	4703	6.9
One time per month	544	7.3	434	8.0	215	2.6	358	3.8	851	5.0	1486	7.2	3888	5.7
This is my first visit	333	4.5	300	5.6	167	2.1	95	1.0	307	1.8	684	3.3	1886	2.8
Frequent visitor: at least 2x per week														
Yes	4976	66.9	3865	71.6	6582	80.9	7232	77.5	13854	81.2	14117	68.0	50626	74.3
No	2461	33.1	1534	28.4	1556	19.1	2096	22.5	3210	18.8	6641	32.0	17498	25.7
Visiting 2 or more venues that day														
Yes	3396	45.7	2243	41.5	4186	51.4	3879	41.6	9067	53.1	8124	39.1	30895	45.4
No	4041	54.3	3156	58.5	3952	48.6	5449	58.4	7997	46.9	12634	60.9	37229	54.6
Venues visiting today														
1	4041	54.3	3156	58.5	3952	48.6	5449	58.4	7997	46.9	12634	60.9	37229	54.6
2	2137	28.7	1256	23.3	3099	38.1	2559	27.4	6304	36.9	5133	24.7	20488	30.1
3 +	1259	16.9	987	18.3	1087	13.4	1320	14.2	2763	16.2	2991	14.4	10407	15.3
Visited venue for first time														
First visit	366	4.9	341	6.3	257	3.2	255	2.7	535	3.1	833	4.0	2587	3.8
Within past 4 weeks	378	5.1	514	9.5	417	5.1	499	5.3	736	4.3	693	3.3	3237	4.8
Within past 2 - 6 months	1051	14.1	645	11.9	635	7.8	829	8.9	763	4.5	842	4.1	4765	7.0
Within past 7 - 12 months	859	11.6	730	13.5	582	7.2	604	6.5	386	2.3	1909	9.2	5070	7.4
Over a year ago	2709	36.4	2014	37.3	2817	34.6	3549	38.0	5416	31.7	5762	27.8	22267	32.7
Over 5 years ago	2074	27.9	1155	21.4	3430	42.1	3592	38.5	9228	54.1	10719	51.6	30198	44.3
Met new partner at venue														
Yes	1739	23.4	2040	37.8	2031	25.0	3421	36.7	2866	16.8	3264	15.7	15361	22.5
No	5698	76.6	3359	62.2	6107	75.0	5907	63.3	14198	83.2	17494	84.3	52763	77.5

Table 4	Bujumbura, %				Other urban, %				Rural, %				Total	
	Male		Female		Male		Female		Male		Female			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Time since met new partner at venue														
Within the past 7 days	169	2.3	616	11.4	364	4.5	896	9.6	237	1.4	623	3.0	2905	4.3
Within past 2 to 4 weeks	374	5.0	407	7.5	417	5.1	920	9.9	702	4.1	869	4.2	3689	5.4
Within past 2 to 6 months	606	8.1	442	8.2	578	7.1	609	6.5	544	3.2	544	2.6	3323	4.9
Within past 7 to 12 months	238	3.2	247	4.6	209	2.6	383	4.1	368	2.2	149	0.7	1594	2.3
Over a year ago	287	3.9	298	5.5	385	4.7	572	6.1	851	5.0	614	3.0	3007	4.4
Never met new partner here	5763	77.5	3389	62.8	6185	76.0	5948	63.8	14362	84.2	17959	86.5	53606	78.7
Risk perception														
No risk	1186	15.9	746	13.8	1592	19.6	1183	12.7	2560	15.0	4036	19.4	11303	16.6
Low	974	13.1	568	10.5	1134	13.9	774	8.3	3384	19.8	2526	12.2	9360	13.7
Moderate	4633	62.3	3012	55.8	4757	58.5	6208	66.6	10120	59.3	12424	59.9	41154	60.4
High	632	8.5	983	18.2	614	7.5	1008	10.8	1000	5.9	1702	8.2	5939	8.7
Already infected	12	0.2	90	1.7	41	0.5	155	1.7	0.0	0.0	70	0.3	368	0.5

Table 4	Bujumbura, %		Other urban, %		Rural, %		Total
	Male	Female	Male	Female	Male	Female	
Mean venues visited/day	1.7	1.7	1.7	1.6	1.8	1.6	1.7

Table 4 Risk Factors among Workers and Patrons, Burundi, 2013  
Worker and Patron Survey, Weighted, Burundi, 2013

	Bujumbura, %				Other urban, %				Rural, %				Total	
	Male		Female		Male		Female		Male		Female			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Shared syringe, last time injected														
Yes	64	55.7	33	60.0	48	50.5	113	82.5	158	100.0	386	83.0	802	78.2
No	51	44.3	22	40.0	47	49.5	24	17.5	0.0	0.0	79	17.0	223	21.8

Table 4 Risk Factors among Workers and Patrons, Burundi, 2013  
Worker and Patron Survey, Weighted, Burundi, 2013

	Bujumbura, %		Other urban, %		Rural, %		Total	
	Female		Female		Female			
	N	%	N	%	N	%	N	%
Ever had abortion								
Yes	736	13.6	1283	13.8	1498	7.2	3517	9.9
No	4663	86.4	8045	86.2	19260	92.8	31968	90.1

Table 5 Sexual Risk Factors among Workers and Patrons, Burundi, 2013  
Worker and Patron Survey, Weighted, Burundi, 2013

Table 5	Bujumbura, %				Other urban, %				Rural, %				Total	
	Male		Female		Male		Female		Male		Female			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Never had sex														
Yes	800	10.8	358	6.6	980	12.0	1222	13.1	1851	10.8	2167	10.4	7378	10.8
No	6637	89.2	5041	93.4	7158	88.0	8106	86.9	15213	89.2	18591	89.6	60746	89.2
First time sex partner, last 12 mo.														
Yes	3009	40.5	2385	44.2	2332	28.7	3131	33.6	3562	20.9	3577	17.2	17996	26.4
No	4428	59.5	3014	55.8	5806	71.3	6197	66.4	13502	79.1	17181	82.8	50128	73.6
N new partners, last 4 weeks														
0	4645	62.5	2772	51.3	5783	71.1	5816	62.3	13280	77.8	15625	75.3	47921	70.3
1	1844	24.8	1271	23.5	1733	21.3	1444	15.5	3100	18.2	3720	17.9	13112	19.2
2	542	7.3	369	6.8	331	4.1	516	5.5	605	3.5	237	1.1	2600	3.8
3-9	394	5.3	677	12.5	291	3.6	1074	11.5	79	0.5	948	4.6	3463	5.1
10+	12	0.2	310	5.7	0.0	0.0	478	5.1	0.0	0.0	228	1.1	1028	1.5
N partners, last 4 weeks														
0	2903	39.0	1413	26.2	2321	28.5	2534	27.2	4465	26.2	6039	29.1	19675	28.9
1	2519	33.9	1810	33.5	3890	47.8	3608	38.7	10198	59.8	11990	57.8	34015	49.9

Table 5	Bujumbura, %				Other urban, %				Rural, %				Total	
	Male		Female		Male		Female		Male		Female			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
2	967	13.0	340	6.3	1005	12.3	729	7.8	1699	10.0	544	2.6	5284	7.8
3-9	867	11.7	972	18.0	922	11.3	1355	14.5	702	4.1	1246	6.0	6064	8.9
10+	181	2.4	864	16.0	0.0	0.0	1102	11.8	0.0	0.0	939	4.5	3086	4.5
N partners, last 12 mo.														
0	1549	20.8	674	12.5	1440	17.7	1890	20.3	3088	18.1	4632	22.3	13273	19.5
1	2349	31.6	1821	33.7	3443	42.3	3809	40.8	9478	55.5	12294	59.2	33194	48.7
2	1052	14.1	417	7.7	1093	13.4	461	4.9	2343	13.7	796	3.8	6162	9.0
3-9	1445	19.4	797	14.8	1477	18.1	597	6.4	1611	9.4	939	4.5	6866	10.1
10+	1042	14.0	1690	31.3	685	8.4	2571	27.6	544	3.2	2097	10.1	8629	12.7
2+ Sexual partners, past 12 mo.														
Yes	3539	47.6	2904	53.8	3255	40.0	3629	38.9	4498	26.4	3832	18.5	21657	31.8
No	3898	52.4	2495	46.2	4883	60.0	5699	61.1	12566	73.6	16926	81.5	46467	68.2
MSM														
Yes	853	11.5	0.0	0.0	662	8.1	0.0	0.0	921	5.4	0.0	0.0	2436	3.6
No	6584	88.5	5399	100.0	7476	91.9	9328	100.0	16143	94.6	20758	100.0	65688	96.4
Ever received money for sex														
Yes	1223	16.4	2851	52.8	754	9.3	3672	39.4	1018	6.0	3896	18.8	13414	19.7
No	6214	83.6	2548	47.2	7384	90.7	5656	60.6	16046	94.0	16862	81.2	54710	80.3
Received non-monetary assistance for sex, ever														
Yes	1143	15.4	2857	52.9	1126	13.8	3563	38.2	851	5.0	4771	23.0	14311	21.0
No	6294	84.6	2542	47.1	7012	86.2	5765	61.8	16213	95.0	15987	77.0	53813	79.0
Received money or goods for sex, ever														
Yes	1622	21.8	3178	58.9	1434	17.6	3994	42.8	1483	8.7	5236	25.2	16947	24.9
No	5815	78.2	2221	41.1	6704	82.4	5334	57.2	15581	91.3	15522	74.8	51177	75.1
Paid for sex, ever														
Yes	2433	32.7	518	9.6	2275	28.0	309	3.3	3483	20.4	395	1.9	9413	13.8
No	5004	67.3	4881	90.4	5863	72.0	9019	96.7	13581	79.6	20363	98.1	58711	86.2

Table 5	Bujumbura, %				Other urban, %				Rural, %				Total	
	Male		Female		Male		Female		Male		Female			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Gave goods for sex, ever														
Yes	1231	16.6	1671	31.0	1061	13.0	2260	24.2	2571	15.1	2832	13.6	11626	17.1
No	6206	83.4	3728	69.0	7077	87.0	7068	75.8	14493	84.9	17926	86.4	56498	82.9
Paid or gave goods for sex, ever														
Yes	3206	43.1	1972	36.5	3143	38.6	2551	27.3	5747	33.7	2990	14.4	19609	28.8
No	4231	56.9	3427	63.5	4995	61.4	6777	72.7	11317	66.3	17768	85.6	48515	71.2
Paid for sex, last 12 mo.														
Yes	1862	25.0	374	6.9	1624	20.0	220	2.4	2781	16.3	474	2.3	7335	10.8
No	5575	75.0	5025	93.1	6514	80.0	9108	97.6	14283	83.7	20284	97.7	60789	89.2
Number of partners risk level														
High risk: 1+ new or 2+ partners, past 4 weeks	3080	41.4	2911	53.9	2732	33.6	3877	41.6	4407	25.8	5519	26.6	22526	33.1
Moderate risk: 2+ partners, last 12 mo.	1648	22.2	753	13.9	1524	18.7	639	6.9	2334	13.7	1337	6.4	8235	12.1
Low risk: 0-1 partners, last 12 mo.	2709	36.4	1735	32.1	3882	47.7	4812	51.6	10323	60.5	13902	67.0	37363	54.8
Vaginal sex, last 12 months														
Yes	4902	65.9	378	7.0	5623	69.1	638	6.8	12380	72.6	1000	4.8	24921	36.6
No	2535	34.1	5021	93.0	2515	30.9	8690	93.2	4684	27.4	19758	95.2	43203	63.4
Anal sex, last 12 mo.														
Yes	660	8.9	374	6.9	477	5.9	548	5.9	237	1.4	465	2.2	2761	4.1
No	6777	91.1	5025	93.1	7661	94.1	8780	94.1	16827	98.6	20293	97.8	65363	95.9
Paid for or received money for sex, last 12 mo.														
Yes	2244	30.2	2218	41.1	1809	22.2	3160	33.9	3176	18.6	2966	14.3	15573	22.9
No	5193	69.8	3181	58.9	6329	77.8	6168	66.1	13888	81.4	17792	85.7	52551	77.1

Table 5	Bujumbura, %								Other urban, %							
	Male				Female				Male				Female			
	<18		18+		<18		18+		<18		18+		<18		18+	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Never had sex																
Yes	138	58.5	662	9.2	68	25.6	290	5.6	12	16.7	968	12.0	315	65.4	907	10.3
No	98	41.5	6539	90.8	198	74.4	4843	94.4	60	83.3	7098	88.0	167	34.6	7939	89.7

Table 5	Rural, %										Total	
	Male					Female						
	<18		18+			<18		18+			N	%
	N	%	N	%	N	%	N	%	N	%	N	%
Never had sex												
Yes	158	66.7	1693	10.1	614	61.4	1553	7.9	7378	10.8		
No	79	33.3	15134	89.9	386	38.6	18205	92.1	60746	89.2		

Table 5	Bujumbura, %				Other urban, %				Rural, %				Total	
	Male		Female		Male		Female		Male		Female			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Mean N new partners, last month	7437	0.6	5399	1.8	8138	0.4	9328	1.8	17064	0.3	20758	0.6	68124	0.8
Mean N partners, last month	7437	1.4	5399	4.2	8138	1.2	9328	3.6	17064	0.9	20758	1.6	68124	1.8
Mean N times sex, last week	6637	1.7	5041	3.4	7158	2.3	8106	3.4	15213	2.5	18591	2.4	60746	2.5
Mean N partners, last year	7437	6.4	5399	24.0	8138	3.8	9328	18.8	17064	2.0	20758	6.1	68124	8.0
Mean age sexual debut	6637	18.7	5041	17.0	7158	19.8	8106	16.9	15213	19.5	18591	17.9	60746	18.4

Table 5		Bujumbura, %		Other urban, %		Rural, %	
		2+ Sexual partners, past 12 mo.		2+ Sexual partners, past 12 mo.		2+ Sexual partners, past 12 mo.	
		Yes	No	Yes	No	Yes	No
		%	%	%	%	%	%
Age	Sex						
15 - 19	Male	13.7	19.5	5.1	23.7	0.0	38.0
	Female	12.7	7.4	11.2	25.2	12.2	31.3
20 - 24	Male	12.9	13.6	10.5	13.7	15.4	33.9
	Female	12.8	8.6	13.7	18.5	12.4	34.0
25 - 29	Male	11.7	14.7	14.3	10.5	12.4	36.5
	Female	7.0	7.2	14.6	13.0	12.8	45.5
30 - 39	Male	11.6	10.4	10.2	13.6	19.1	35.1
	Female	7.2	6.1	7.6	12.5	8.9	57.6
40+	Male	5.7	6.4	6.0	20.0	11.7	50.3
	Female	1.3	5.7	2.7	13.9	7.4	69.1

Table 5 Sexual Risk Factors among Workers and Patrons, Burundi, 2013  
Worker and Patron Survey, Weighted, Burundi, 2013

	Bujumbura, %				Other urban, %				Rural, %				Total	
	Male		Female		Male		Female		Male		Female			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Age of sexual debut														
<13	408	6.1	232	4.6	362	5.1	646	8.0	638	4.2	930	5.0	3216	5.3
13	137	2.1	283	5.6	160	2.2	215	2.7	237	1.6	614	3.3	1646	2.7
14	428	6.4	495	9.8	304	4.2	836	10.3	447	2.9	1316	7.1	3826	6.3
15	623	9.4	833	16.5	608	8.5	915	11.3	1228	8.1	1693	9.1	5900	9.7
16	524	7.9	679	13.5	395	5.5	1005	12.4	693	4.6	1790	9.6	5086	8.4
17	633	9.5	566	11.2	659	9.2	1234	15.2	1331	8.7	2009	10.8	6432	10.6
18-21	2461	37.1	1515	30.1	2346	32.8	2701	33.3	6684	43.9	7583	40.8	23290	38.3
22-24	739	11.1	235	4.7	926	12.9	428	5.3	1596	10.5	1875	10.1	5799	9.5
25+	684	10.3	203	4.0	1398	19.5	126	1.6	2359	15.5	781	4.2	5551	9.1

Table 5 Sexual Risk Factors among Workers and Patrons, Burundi, 2013  
Worker and Patron Survey, Weighted, Burundi, 2013

	Bujumbura, %				Other urban, %				Rural, %				Total	
	Male		Female		Male		Female		Male		Female			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Ever used a condom, among sexually experienced														
Yes	4627	69.7	3266	64.8	3412	47.7	4275	52.7	4787	31.5	5209	28.0	25576	42.1
No	2010	30.3	1775	35.2	3746	52.3	3831	47.3	10426	68.5	13382	72.0	35170	57.9

Table 5 Sexual Risk Factors among Workers and Patrons, Burundi, 2013  
Worker and Patron Survey, Weighted, Burundi, 2013

	Bujumbura, %				Other urban, %				Rural, %				Total	
	Male		Female		Male		Female		Male		Female			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Ever used condom, among all														
Yes	4627	62.2	3266	60.5	3412	41.9	4275	45.8	4787	28.1	5209	25.1	25576	37.5
No	2810	37.8	2133	39.5	4726	58.1	5053	54.2	12277	71.9	15549	74.9	42548	62.5

Table 5 Sexual Risk Factors among Workers and Patrons, Burundi, 2013  
Worker and Patron Survey, Weighted, Burundi, 2013

	Bujumbura, %				Other urban, %				Rural, %				Total	
	Male		Female		Male		Female		Male		Female			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Received non-monetary assistance for sex, among those who did not receive money for sex														
Yes	528	7.9	460	16.7	799	10.3	537	8.8	544	3.3	1656	9.4	4524	7.9
No	6191	92.1	2298	83.3	6971	89.7	5543	91.2	15897	96.7	15917	90.6	52817	92.1

Table 5 Sexual Risk Factors among Workers and Patrons, Burundi, 2013  
Worker and Patron Survey, Weighted, Burundi, 2013

	Bujumbura, %				Other urban, %				Rural, %				Total	
	Male		Female		Male		Female		Male		Female			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Condom in possession														
Yes, condom with me, but you cannot see it	656	9.9	489	9.7	307	4.3	488	6.0	614	4.0	456	2.5	3010	5.0
Yes, condom seen	279	4.2	245	4.9	304	4.2	551	6.8	535	3.5	386	2.1	2300	3.8
No, no condom with me	5702	85.9	4307	85.4	6547	91.5	7067	87.2	14064	92.4	17749	95.5	55436	91.3

Table 5 Sexual Risk Factors among Workers and Patrons, Burundi, 2013  
Worker and Patron Survey, Weighted, Burundi, 2013

	Bujumbura, %				Other urban, %				Rural, %				Total	
	Male		Female		Male		Female		Male		Female			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Age of sexual debut														
<13	408	6.1	232	4.6	362	5.1	646	8.0	638	4.2	930	5.0	3216	5.3
13	137	2.1	283	5.6	160	2.2	215	2.7	237	1.6	614	3.3	1646	2.7
14	428	6.4	495	9.8	304	4.2	836	10.3	447	2.9	1316	7.1	3826	6.3
15	623	9.4	833	16.5	608	8.5	915	11.3	1228	8.1	1693	9.1	5900	9.7
16	524	7.9	679	13.5	395	5.5	1005	12.4	693	4.6	1790	9.6	5086	8.4
17	633	9.5	566	11.2	659	9.2	1234	15.2	1331	8.7	2009	10.8	6432	10.6
18-21	2461	37.1	1515	30.1	2346	32.8	2701	33.3	6684	43.9	7583	40.8	23290	38.3
22-24	739	11.1	235	4.7	926	12.9	428	5.3	1596	10.5	1875	10.1	5799	9.5
25+	684	10.3	203	4.0	1398	19.5	126	1.6	2359	15.5	781	4.2	5551	9.1

Table 5 Sexual Risk Factors among Workers and Patrons, Burundi, 2013  
Worker and Patron Survey, Weighted, Burundi, 2013

	Bujumbura, %				Other urban, %				Rural, %				Total	
	Male		Female		Male		Female		Male		Female			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Condom use, last time with main partner														
Yes	2601	35.9	1954	36.6	1662	21.1	2667	29.5	2276	13.5	2182	10.6	13342	19.9
No	4652	64.1	3391	63.4	6233	78.9	6377	70.5	14560	86.5	18348	89.4	53561	80.1

Table 5 Sexual Risk Factors among Workers and Patrons, Burundi, 2013  
Worker and Patron Survey, Weighted, Burundi, 2013

	Bujumbura, %				Other urban, %				Rural, %				Total	
	Male		Female		Male		Female		Male		Female			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Condom use, last vaginal sex														
Yes	2478	35.5	1770	34.6	1310	17.1	2147	24.3	2650	16.0	1972	10.0	12327	19.0
No	4511	64.5	3351	65.4	6329	82.9	6688	75.7	13882	84.0	17698	90.0	52459	81.0

Table 5 Sexual Risk Factors among Workers and Patrons, Burundi, 2013  
Worker and Patron Survey, Weighted, Burundi, 2013

	Bujumbura, %				Other urban, %				Rural, %				Total	
	Male		Female		Male		Female		Male		Female			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Condom use, last vaginal sex, 2+ partners														
Yes	1515	44.6	1416	50.8	773	24.4	1607	45.2	1316	29.3	1027	26.8	7654	36.0
No	1883	55.4	1370	49.2	2393	75.6	1950	54.8	3182	70.7	2805	73.2	13583	64.0

Table 5 Sexual Risk Factors among Workers and Patrons, Burundi, 2013  
Worker and Patron Survey, Weighted, Burundi, 2013

	Bujumbura, %				Other urban, %				Rural, %				Total	
	Male		Female		Male		Female		Male		Female			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Condom use, last anal sex														
Yes	541	13.3	169	6.2	162	3.8	239	4.7	149	1.9	553	5.0	1813	5.2
No	3524	86.7	2575	93.8	4097	96.2	4891	95.3	7797	98.1	10501	95.0	33385	94.8

Table 5 Sexual Risk Factors among Workers and Patrons, Burundi, 2013  
Worker and Patron Survey, Weighted, Burundi, 2013

	Bujumbura, %				Other urban, %				Rural, %				Total	
	Male		Female		Male		Female		Male		Female			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Condom use, last anal sex, 2+ partners														
Yes	394	20.0	125	9.2	78	4.6	209	11.6	0.0	0.0	237	14.4	1043	10.3
No	1576	80.0	1230	90.8	1618	95.4	1585	88.4	1675	100.0	1410	85.6	9094	89.7

Table 5 Sexual Risk Factors among Workers and Patrons, Burundi, 2013  
Worker and Patron Survey, Weighted, Burundi, 2013

	Bujumbura, %				Other urban, %				Rural, %				Total	
	Male		Female		Male		Female		Male		Female			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Received money for sex, last 12 mo.														
Yes	925	12.4	2061	38.2	488	6.0	3082	33.0	702	4.1	2729	13.1	9987	14.7
No	6512	87.6	3338	61.8	7650	94.0	6246	67.0	16362	95.9	18029	86.9	58137	85.3

Table 5 Sexual Risk Factors among Workers and Patrons, Burundi, 2013  
Worker and Patron Survey, Weighted, Burundi, 2013

	Bujumbura, %				Other urban, %				Rural, %				Total	
	Male		Female		Male		Female		Male		Female			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Condom use, last client														
Yes	1049	15.8	1479	30.6	365	5.2	1758	21.6	474	3.4	1480	8.8	6605	11.5
No	5595	84.2	3361	69.4	6629	94.8	6373	78.4	13663	96.6	15388	91.2	51009	88.5

Table 5 Sexual Risk Factors among Workers and Patrons, Burundi, 2013  
Worker and Patron Survey, Weighted, Burundi, 2013

	Bujumbura, %				Other urban, %				Rural, %				Total	
	Male		Female		Male		Female		Male		Female			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Condom use, last sex worker														
Yes	1455	26.0	421	12.7	969	15.4	287	4.4	1395	11.3	717	5.1	5244	10.9
No	4137	74.0	2890	87.3	5335	84.6	6210	95.6	10949	88.7	13391	94.9	42912	89.1

Table 6 HIV Knowledge and Access to Testing among Workers and Patrons, Burundi, 2013  
Worker and Patron Survey, Weighted, Burundi, 2013

Table 6	Bujumbura, %				Other urban, %				Rural, %				Total	
	Male		Female		Male		Female		Male		Female			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Knowledge: Condoms prevent HIV transmission														
Yes	6704	90.1	4869	90.2	7065	86.8	8074	86.6	14805	86.8	16178	77.9	57695	84.7
No	507	6.8	239	4.4	694	8.5	559	6.0	1435	8.4	2009	9.7	5443	8.0
DK	226	3.0	291	5.4	379	4.7	695	7.5	824	4.8	2571	12.4	4986	7.3
Knowledge: Healthy-looking person can be HIV infected														
Yes	1347	18.1	946	17.5	1212	14.9	1723	18.5	3246	19.0	4817	23.2	13291	19.5
No	5598	75.3	4070	75.4	6526	80.2	6658	71.4	12742	74.7	13419	64.6	49013	71.9
DK	492	6.6	383	7.1	400	4.9	947	10.2	1076	6.3	2522	12.1	5820	8.5
Knowledge: HIV from mosquito														
Yes	1058	14.2	692	12.8	1536	18.9	1835	19.7	3921	23.0	4635	22.3	13677	20.1
No	5606	75.4	4091	75.8	5549	68.2	6439	69.0	11927	69.9	12665	61.0	46277	67.9
DK	773	10.4	616	11.4	1053	12.9	1054	11.3	1216	7.1	3458	16.7	8170	12.0
Knowledge: HIV from sharing meal														
Yes	367	4.9	303	5.6	791	9.7	776	8.3	1146	6.7	1556	7.5	4939	7.3
No	6897	92.7	4952	91.7	7054	86.7	8151	87.4	15088	88.4	17087	82.3	59229	86.9
DK	173	2.3	144	2.7	293	3.6	401	4.3	830	4.9	2115	10.2	3956	5.8
Knowledge: Faithfulness prevents HIV														
Yes	5003	67.3	3821	70.8	5512	67.7	6425	68.9	11526	67.5	12610	60.7	44897	65.9
No	2009	27.0	1303	24.1	2083	25.6	1944	20.8	4620	27.1	6173	29.7	18132	26.6
DK	425	5.7	275	5.1	543	6.7	959	10.3	918	5.4	1975	9.5	5095	7.5

Table 7 HIV Prevalence, STI self-report among Workers and Patrons, Burundi, 2013  
Worker and Patron Survey, Weighted, Burundi, 2013

Table 7	Bujumbura, %				Other urban, %				Rural, %				Total	
	Male		Female		Male		Female		Male		Female			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
STI self-reported, last 12 mo.														
Yes	1217	16.4	1933	35.8	982	12.1	2623	28.1	1131	6.6	4233	20.4	12119	17.8
No	6220	83.6	3466	64.2	7156	87.9	6705	71.9	15933	93.4	16525	79.6	56005	82.2
Abnormal genital discharge, 12 mo.														
Yes	671	9.0	1445	26.8	571	7.0	1767	18.9	596	3.5	3288	15.8	8338	12.2
No	6766	91.0	3954	73.2	7567	93.0	7561	81.1	16468	96.5	17470	84.2	59786	87.8
Sore/ulcer in genital area, 12 mo.														
Yes	639	8.6	817	15.1	452	5.6	1140	12.2	535	3.1	2197	10.6	5780	8.5
No	6798	91.4	4582	84.9	7686	94.4	8188	87.8	16529	96.9	18561	89.4	62344	91.5
Pain upon urination, 12 mo.														
Yes	1001	13.5	1481	27.4	818	10.1	2287	24.5	982	5.8	3762	18.1	10331	15.2
No	6436	86.5	3918	72.6	7320	89.9	7041	75.5	16082	94.2	16996	81.9	57793	84.8
Knows where to access HIV testing														
Yes	5545	74.6	4553	84.3	6976	85.7	8346	89.5	13751	80.6	18427	88.8	57598	84.5
No	1892	25.4	846	15.7	1162	14.3	982	10.5	3313	19.4	2331	11.2	10526	15.5
HIV test, past 12 mo.														
Yes, in past 12 months	1929	25.9	2071	38.4	2129	26.2	3484	37.3	3307	19.4	6477	31.2	19397	28.5
Yes, over 12 months ago	1454	19.6	1448	26.8	1707	21.0	2660	28.5	3638	21.3	5242	25.3	16149	23.7
No, never tested	4054	54.5	1880	34.8	4302	52.9	3184	34.1	10119	59.3	9039	43.5	32578	47.8
Ever tested for HIV														
Yes	3383	45.5	3519	65.2	3836	47.1	6144	65.9	6945	40.7	11719	56.5	35546	52.2
No	4054	54.5	1880	34.8	4302	52.9	3184	34.1	10119	59.3	9039	43.5	32578	47.8
Knows HIV positive														
Yes	724	9.7	610	11.3	390	4.8	723	7.8	228	1.3	921	4.4	3596	5.3
No	6713	90.3	4789	88.7	7748	95.2	8605	92.2	16836	98.7	19837	95.6	64528	94.7

Table 7	Bujumbura, %				Other urban, %				Rural, %				Total	
	Male		Female		Male		Female		Male		Female			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
HIV positive														
HIV positive	241	3.2	638	11.8	179	2.2	1073	11.5	474	2.8	921	4.4	3526	5.2
HIV negative	7196	96.8	4761	88.2	7959	97.8	8255	88.5	16590	97.2	19837	95.6	64598	94.8

Table 7 HIV Prevalence, STI self-report among Workers and Patrons, Burundi, 2013  
Worker and Patron Survey, Weighted, Burundi, 2013

	Bujumbura, %				Other urban, %				Rural, %				Total	
	Male		Female		Male		Female		Male		Female			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Sought treatment for STI symptoms														
Yes	670	51.0	1241	61.8	524	47.5	1557	58.3	605	47.3	2887	65.9	7484	58.7
No	644	49.0	767	38.2	578	52.5	1114	41.7	675	52.7	1495	34.1	5273	41.3

Table 7 HIV Prevalence, STI self-report among Workers and Patrons, Burundi, 2013  
Worker and Patron Survey, Weighted, Burundi, 2013

	Bujumbura, %		Other urban, %		Rural, %		Total	
	Male		Male		Male			
	N	%	N	%	N	%	N	%
Circumcised or interested								
Circumcised	5026	67.6	4648	57.1	6179	36.2	15853	48.6
Not circumcised and interested	1790	24.1	2082	25.6	6301	36.9	10173	31.2
Not circumcised and not interested	621	8.4	1408	17.3	4584	26.9	6613	20.3

Table 7 HIV Prevalence, STI self-report among Workers and Patrons, Burundi, 2013  
Worker and Patron Survey, Weighted, Burundi, 2013

	Bujumbura, %		Other urban, %		Rural, %		Total	
	Male		Male		Male			
	N	%	N	%	N	%	N	%
Circumcised								
Yes	5026	67.6	4648	57.1	6179	36.2	15853	48.6
No	2411	32.4	3490	42.9	10885	63.8	16786	51.4

Table 7 HIV Prevalence, STI self-report among Workers and Patrons, Burundi, 2013  
Worker and Patron Survey, Weighted, Burundi, 2013

	Bujumbura, %		Other urban, %		Rural, %		Total	
	Male		Male		Male			
	N	%	N	%	N	%	N	%
Interested in circumcision, among non-circumcised								
Yes	1790	74.2	2082	59.7	6301	57.9	10173	60.6
No	621	25.8	1408	40.3	4584	42.1	6613	39.4

Table 7 HIV Prevalence, STI self-report among Workers and Patrons, Burundi, 2013  
Worker and Patron Survey, Weighted, Burundi, 2013

	Bujumbura, %				Other urban, %				Rural, %				Total	
	Male		Female		Male		Female		Male		Female			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
HIV positive, among those who were not aware														
HIV positive	148	2.2	497	10.4	155	2.0	911	10.6	474	2.8	851	4.3	3036	4.7
HIV negative	6565	97.8	4292	89.6	7593	98.0	7694	89.4	16362	97.2	18986	95.7	61492	95.3

Table 7 HIV Prevalence, STI self-report among Workers and Patrons, Burundi, 2013  
 Worker and Patron Survey, Weighted, Burundi, 2013

	Bujumbura, %				Other urban, %				Rural, %				Total	
	Male		Female		Male		Female		Male		Female			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Ever on ARV														
Yes	85	11.7	90	14.8	41	10.5	203	28.1	79	34.6	386	41.9	884	24.6
No	639	88.3	520	85.2	349	89.5	520	71.9	149	65.4	535	58.1	2712	75.4

## 6.2 Appendix 2: Questionnaires

### FORM B: PLACE VERIFICATION VISIT June 17, 2013

No.	Ibibazo	Inyishu
No.	Questions	Responses
NYENE GUKURIKIRANA ITOHOZA YUZUZA B1 – B10		
FIELD SUPERVISOR COMPLETES B1 – B10 USING INFORMATION FROM EXCEL LIST OF SITES		
B1	Izina ry'intara:	INOMERO: _____
B1	Province Name:	NUMBER: _____
B2	Ikomine:	INOMERO: _____
B2	Commune:	NUMBER: _____
B3	Umutumba:	INOMERO: _____
	Agacimbiri:	INOMERO: _____
B3	Colline:	NUMBER: _____
	Sub/colline:	NUMBER: _____
B4	Ikibanza 1: _____ Ikibanza 2: _____ Ikibanza 3: _____	1 2 3

No.	Ibibazo	Inyishu
No.	Questions	Responses
B4	PPA 1: _____  PPA 2: _____  PPA 3: _____	1  2  3
B5	Igitigiri c'ibibanza vyatanzwe n'uwabajijwe:	IGITIGIRI: _____
B5	Number of Community Informants reporting this place	NUMBER: _____
B6	Izina ry'ikibanza catanzwe n'uwabajijwe :	
B6	Name of place given by community informant:	
B7	Aho nyene kubazwa yavuze haherereye he/Hotorwa gute?:	
B7	Address given by community informant/ How to find it:	
B8	Aho hantu ni ikibanza canke urubanza?	Ikibanza 1 Urubanza 2
B8	Is this place a site or an event?	SITE 1 EVENT 2
B9	Inomero ndangakibanza (ntabanduka):	Inomero: _____
B9	Unique PLACE Number:	NUMBER: _____
B10	Mbega aho hantu hari muhatorwa canke nahasubirije ahari hatowe?	Hari muhatorwa 1 Hasubirije ahari hatowe 2

No.	Ibibazo	Inyishu
No.	Questions	Responses
B10	Was this place selected in the original sample or is it a replacement?	<p>ORIGINAL 1</p> <p>REPLACEMENT 2</p>
B11	Nimba ari ahasubirije,hasubirije ikibanza gifise inomero zingahe ? yasubirijwe: _____  Kubera iki?: _____	Inomero
B11	If replacement, what number was replaced? WHY: _____	NUMBER REPLACED: _____ _____
UWUJEJWE ITOHOZA ARUZUZA B12 – B19 IMBERE YO KUBAZA		
INTERVIEWER FILLS IN B12 – B19 BEFORE INTERVIEW		
B12	Inomero y'uwugira itohoza	INOMERO: _____
B12	Interviewer number	NUMBER: _____
B13	Itariki	<input type="text"/> <input type="text"/> / <input type="text"/> <input type="text"/> / <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Umusi                      Ukwezi                      Umwaka
B13	Date	<input type="text"/> <input type="text"/> / <input type="text"/> <input type="text"/> / <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Day                      Month                      Year
B14	Mbega aho hantu wahatoye?	<p>Ego,kandi harakora 1</p> <p>Ntaho natoye 2</p> <p>Harugaye vy'imfatakibanza 3</p> <p>Harugaye, mbere ntihakiri ikibanza 4</p> <p>Ndahasubiyemwo 5</p>
B14	Was the site or event found?	<p>YES, IN OPERATION 1</p> <p>NOT FOUND 2</p> <p>CLOSED TEMPORARILY 3</p> <p>CLOSED PERMANENTLY OR NO LONGER A PLACE 4</p> <p>DUPLICATE, ALREADY VISITED 5</p>

No.	Ibibazo	Inyishu
No.	Questions	Responses
B15	Izina nyaryo ni irihe?	
B15	What is the correct name for this place?	
B16	Muvy'ukuri hatumbereye he? Usanze ubu hameze gute?	
B16	What is the correct address and how do you actually find this place?	
B17	Dondora aho hantu mumajambo make (3-6)	
B17	Describe the place in 3-6 words	
B18	Koresha GPS uheze urondere latitude na longitude wandike neza ibiharuro utoye	<p>A. Latitude :  <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> S</p> <p>B. Longitude :  <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> E</p>
B18	GPS Coordinates USE THE GPS UNIT AND AVERAGING POINTS OPTIONS. ALSO WRITE LATITUDE AND LONGITUDE HERE.	<p>A. Latitude :  <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> S</p> <p>B. Longitude :  <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> E</p>

No.	Ibibazo	Inyishu
No.	Questions	Responses
B19	<p><b>Mbega muri kino kibanza ninyabaki ? Zinguriza.</b>  <b><u>Gufungura / Kunwa / Gutamba/ Kuryama/Kuraba</u></b>  <b><u>amareresi</u></b>  Akabare 1  Musi y'igiti 2  Aho batambira umuzika 3  Aho bafungurira 4  Akazembure bafunguriramwo/ STAND 5  Ihoteri nini / ntoya 6  Inzu yo kuruhukiramwo rimwe na rimwe 7  Ibituro vy'amakamy vyo mw'ijoro 8  Aho abarovy baruhukira 9  Inzu y'amareresi(cinema) 10  Aho bakinira kazino 11  Inzu icubakwa itarahera 12  Inzu yo kubamwo 13  <b><u>PUBLIC / COMMERCIAL / VENUES AND EVENTS</u></b>  Aho amatagisi ahagara 14  Igituro (co kumurango) 15  Aho amabus ahagarara 16  Ibarabara ry'imalaya 17</p>	<p>Kwibarabara 18  Isoko 19  Ah badandariza utuntu n'utundi 20  Aho binonorera imitsi 21  Aho barabira ama sinema 22  Amaduka atadandaza inzoga 23  Amaduka adandaza inzoga 24  Inyuma y'inzu itaruzura 25  Aho bamwera/basokoreza imishatsi 26  Ahobagirira massage 27  Kwisengero 28  Kumusigiti 29  Hafi y'ishuri ryisumbuye 30  Kaminuza 31  Mutuzu rusangi twasugumwe 32  Mugikumbu 33  Kunkengera z'ikiyaga/uruzi 34  Mw'ishamba/igisaka 35  Aho batora inkwi/amakara yogucana 36  Kw'ivomo 37  Ibibanza bakoreramwo kwintonora imitsi 38</p> <p><b><u>EVENT/ TELEPHONE/ WEBSITE/OTHER</u></b>  Mubugeni 39  Imanza z'impfu 40  Izindi manza 41  INTERNET 42  uduhamagazo 43  Mumakoraniro y'amashirahamwe 44  Ibindi45</p> <p><b>Hari ibindi, bivuge:</b></p>

No.	Ibibazo	Inyishu	
No.	Questions	Responses	
B19	<p><b>SITE TYPE CODES (CHOOSE ONLY ONE CODE)</b></p> <p><b><u>EAT / DRINK / DANCE/ SLEEP/WATCH TV</u></b></p> <p>BAR 1</p> <p>SITE WITH LOCAL BREW 2</p> <p>NIGHTCLUB / DISCO 3</p> <p>RESTAURANT 4</p> <p>FOOD KIOSK/ STAND 5</p> <p>HOTEL / MOTEL 6</p> <p>GUEST HOUSE 7</p> <p>OVERNIGHT TRUCK STOP 8</p> <p>FISHING HUT/HOUSE 9</p> <p>LOCAL VIDEO/TV ROOMS 10</p> <p>CASINO 11</p> <p>HOUSE IN CONSTRUCTION 12</p> <p>PRIVATE HOUSE 13</p>	<p><b><u>PUBLIC / COMMERCIAL / VENUES AND EVENTS</u></b></p> <p>TAXI STOPPING PLACE 14</p> <p>TRUCK STOP (NOT OVERNIGHT) 15</p> <p>BUS STATION 16</p> <p>STREET SEX WORK SITE 17</p> <p>OTHER STREET SITE 18</p> <p>MARKET 19</p> <p>SHOPPING CENTRE/MALL 20</p> <p>HEALTH SPA/ EXERCISE PLACE 21</p> <p>SHOP (NOT SELLING ALCOHOL) 22</p> <p>SHOP SELLING ALCOHOL 23</p> <p>NEAR CONSTRUCTION SITE 24</p> <p>HAIR SALON 25</p> <p>MASSAGE PARLOR 26</p> <p>CHURCH 27</p> <p>MOSQUE 28</p> <p>NEAR SECONDARY SCHOOL 29</p> <p>UNIVERSITY 30</p>	<p>PUBLIC TOILET 31</p> <p>PARK 32</p> <p>LAKE / RIVER SITE 33</p> <p>FIELD/BUSH 34</p> <p>PLACE TO GET FIRE WOOD 35</p> <p>PLACE TO GET WATER 36</p> <p>SPORTS STADIUM/ EXERCISE FIELD 37</p> <p><b><u>EVENT/ TELEPHONE/ WEBSITE/OTHER</u></b></p> <p>WEDDING 38</p> <p>FUNERAL 39</p> <p>OTHER EVENT 40</p> <p>INTERNET 41</p> <p>TELEPHONE 42</p> <p>ASSOCIATION MEETINGS/ACTIVITIES 43</p> <p>OTHER 44</p> <p><b>IF OTHER, DESCRIBE:</b></p>
<p>NYENE KUGIRA ITIHOZA ARITONDA AKARONDERA UWUZI NEZA AHO HANTU AKAMUFASHA KWISHURA KUBIBAZO BIKURIKIRA</p>			
<p>THE INTERVIEWER IDENTIFIES SOMEONE THAT KNOWS THE SITE WELL AND FILLS IN THE REST OF THE QUESTIONNAIRE</p>			
<p><b>Mwaramutse/mwiriwe. Jewe nitwa _____ nkorana n'ikigo CADSAO gifatanije n'ikigo CNLS gikukira ubushikiranjanji bujewe amagara y'abantu no kugwanya ikiza ruhonyanganda SIDA mucigwa gifise intumbero yo guteza imbere ubuhinga bwo kurinda ikiza ruhonyanganda SIDA muri kano karere. Munkundiye ndaza kubabaza ibibazo bijanye nahano hantu duherereye, kumbure hari abantu bahatemberera, bahaganirira ndetse hari n'abaharonkera abo barangurana amabanga mpuzabitsina. Ndababaza mbere n'ibijanye gukinga ico kiza muri kano karere. Mugihe mwoba mwipfuzza kumenya vyinshi kuri kino cigwa hari urukaratazi rutegekanijwe kubidondora neza. Menya neza, ivyo tunganira n'akabanga ka twebwe babiri ariko n'intererano idasanze mubijanye n'amagara y'abantu</b></p>			
<p><b>Hello. My name is _____ and I am working with CADSAO on a study coordinated by the National Council Against HIV (CNLS) that will improve HIV prevention programs here. I would like to ask you some questions about this place to find out about people who come here to socialize or meet sex partners and about HIV prevention that has occurred here. I can offer you this Fact Sheet that has more information about the study.</b></p>			

No.	Ibibazo	Inyishu
No.	Questions	Responses
B20	IGITSINA CA NYENE KWISHURA KUBIBAZO	Gabo ..... 1 Gore..... 2
B20	GENDER OF RESPONDENT	MALE ..... 1 FEMALE..... 2
B21	Mukora iki ngaha?	Umukozi / Nyeneho ..... 1 Ajejwe umutekano waho hantu..... 2 N’umukiriya ..... 3 Adandariza hafi y’ico kibanza ..... 4 Acuruza umubiri ..... 5 Ibindi (bivuge): _____ 96
B21	What is your role here?	STAFF / OWNER..... 1 SECURITY GUARD ..... 2 PATRON ..... 3 VENDOR IN AREA..... 4 SEX WORKER ..... 5 OTHER (SPECIFY): _____ 96
B22	<b>ICUYUMVIRO CANYENE KUGIRA ITOHOZA:</b> WIHWEJE UBONA UWO UGIYE KUBAZA AZI NEZA AHO HANTU, ABAHAGENDERA?	Arabizi cane gose..... 1 Arabizi..... 2 Arabizi bukebuke..... 3
B22	<b>INTERVIEWER OPINION:</b> HOW KNOWLEDGEABLE IS THIS RESPONDENT LIKELY TO BE ABOUT THE ACTIVITIES AND PATRONS AT THE SITE OR EVENT?	EXTREMELY KNOWLEDGEABLE ..... 1 KNOWLEDGEABLE ..... 2 NOT VERY KNOWLEDGEABLE ..... 3
B23	Ufise imyaka ingahe? <b>ARI MUSI YA CUMI N’UMUNANI, <u>HAGARIKA ITOHOZA URONDERE UWUNDI</u></b>	Imyaka: <input type="text"/> <input type="text"/>
B23	How old are you? <b>IF YOUNGER THAN 18, <u>STOP</u> INTERVIEW AND FIND ANOTHER RESPONDENT</b>	AGE: <input type="text"/> <input type="text"/>
B24	<b>NYENE KUGIRA ITOHOZA:</b> WASOMEYE UWO MUGIYE KUGANIRA RWA RWANDIKO RWOKWIYEMEZA ATAGAHATO MUCIGWA?	Ego 1 Oya 2

No.	Ibibazo	Inyishu
No.	Questions	Responses
B24	<b>INTERVIEWER:</b> DID YOU OFFER A FACT SHEET AND OFFER TO READ THE FACT SHEET TO RESPONDENT AND ANSWER QUESTIONS?	YES 1 NO 2
B25	<b>BAZA UWUGIRWAKO ITOHOZA:</b> Uremera kwinjira mukiganiro?	Ego 1 Oya 2
B25	<b>ASK RESPONDENT:</b> Are you willing to answer these questions?	YES 1 NO 2
B26	<b>NYENE KUGIRA ITOHOZA:</b> Ariyumvamwo kwishura ibibazo?	Ego..... 1 Oya, ntaviyumvamwo..... 2 Oya, abo mbona bose nsanga badakwije imyaka .... 3 Oya, hari izindi mpamvu..... 6
B26	<b>INTERVIEWER:</b> WAS THE INTERVIEW DONE?	YES..... 1 NO, NO WILLING RESPONDENT ..... 2 NO, ALL POTENTIAL RESPONDENTS TOO YOUNG .... 3 NO, ANOTHER REASON ..... 6
B27	<b>KO VYANSE VYAVUYE KUKI?</b>	
B27	<b>IF NOT DONE, WHY NOT?</b>	
<b>TANGURIRA IKIGANIRO NGAHA</b>		
<b>BEGIN INTERVIEW HERE</b>		
B28	Kuva ryari kino kibanza gikora?	Musi y'umwaka ..... 1 Hagati y'umwaka n'imyaka ibiri ..... 2 Irarenga imyaka 2..... 3 Ikibanza n'ibihakorerwa ntibihuye n'ivyo ndondera. 9
B28	How long has this place been operating?	<1 YEAR..... 1 1-2 YEARS ..... 2 MORE THAN 2 YEARS ..... 3 NOT APPLICABLE DUE TO TYPE OF VENUE/EVENT ... 9

No.	Ibibazo	Inyishu																																								
No.	Questions	Responses																																								
B29	<p>Narumvise ko abantu bakeneye abo baryamana bashobora kubatora mubibanza mwen'ibi. Kubwawe....</p> <p>SOMA HANYUMA YISHURE EGO CANKE OYA.</p>	<table border="1"> <thead> <tr> <th></th> <th>EGO</th> <th>OYA</th> <th>DK</th> </tr> </thead> <tbody> <tr> <td>A. Abantu bakeneye abo baryamana babasanga ngaha? 9</td> <td>1</td> <td>2</td> <td>9</td> </tr> <tr> <td>B. Hari bamwe badandaza imibiri yabo(gitsina gore) baza ngaha ?</td> <td>1</td> <td>2</td> <td>9</td> </tr> <tr> <td>C. bamwe badandaza imibiri yabo(gitsina gabo) baza ngaha ?</td> <td>1</td> <td>2</td> <td>9</td> </tr> <tr> <td>D. Mbega hano hantu barahahuriza ibitsina?</td> <td>1</td> <td>2</td> <td>9</td> </tr> <tr> <td>E. Mbega hari abakozi (gabo) bongaha barondera abagenzi bashasha?</td> <td>1</td> <td>2</td> <td>9</td> </tr> <tr> <td>F. Mbega hari abakozi (gore) bongaha barondera abagenzi bashasha?</td> <td>1</td> <td>2</td> <td>9</td> </tr> <tr> <td>G. Mbega hari abagore boba batemberera ngaha bizera ko bahava baharonkera uwo bahuza ibitsina ? 9</td> <td>1</td> <td>2</td> <td>9</td> </tr> <tr> <td>H. Hari bamwe bahuza ibitsina babisangiye baza ngaha? 9</td> <td>1</td> <td>2</td> <td>9</td> </tr> <tr> <td>J. Nimba ari ego (abo bahuza ibitsina babisabgiye Nibangahe baza? _____</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		EGO	OYA	DK	A. Abantu bakeneye abo baryamana babasanga ngaha? 9	1	2	9	B. Hari bamwe badandaza imibiri yabo(gitsina gore) baza ngaha ?	1	2	9	C. bamwe badandaza imibiri yabo(gitsina gabo) baza ngaha ?	1	2	9	D. Mbega hano hantu barahahuriza ibitsina?	1	2	9	E. Mbega hari abakozi (gabo) bongaha barondera abagenzi bashasha?	1	2	9	F. Mbega hari abakozi (gore) bongaha barondera abagenzi bashasha?	1	2	9	G. Mbega hari abagore boba batemberera ngaha bizera ko bahava baharonkera uwo bahuza ibitsina ? 9	1	2	9	H. Hari bamwe bahuza ibitsina babisangiye baza ngaha? 9	1	2	9	J. Nimba ari ego (abo bahuza ibitsina babisabgiye Nibangahe baza? _____			
	EGO	OYA	DK																																							
A. Abantu bakeneye abo baryamana babasanga ngaha? 9	1	2	9																																							
B. Hari bamwe badandaza imibiri yabo(gitsina gore) baza ngaha ?	1	2	9																																							
C. bamwe badandaza imibiri yabo(gitsina gabo) baza ngaha ?	1	2	9																																							
D. Mbega hano hantu barahahuriza ibitsina?	1	2	9																																							
E. Mbega hari abakozi (gabo) bongaha barondera abagenzi bashasha?	1	2	9																																							
F. Mbega hari abakozi (gore) bongaha barondera abagenzi bashasha?	1	2	9																																							
G. Mbega hari abagore boba batemberera ngaha bizera ko bahava baharonkera uwo bahuza ibitsina ? 9	1	2	9																																							
H. Hari bamwe bahuza ibitsina babisangiye baza ngaha? 9	1	2	9																																							
J. Nimba ari ego (abo bahuza ibitsina babisabgiye Nibangahe baza? _____																																										
B29	<p>I heard that people meet sex partners at places like this. In your opinion.....</p> <p>READ LIST. ANSWER YES OR NO FOR EACH.</p>	<table border="1"> <thead> <tr> <th></th> <th>YES</th> <th>NO</th> <th>DK</th> </tr> </thead> <tbody> <tr> <td>A. DO PEOPLE MEET NEW SEX PARTNERS HERE?</td> <td>1</td> <td>2</td> <td>9</td> </tr> <tr> <td>B. DO FEMALE SEX WORKERS COME HERE TO FIND CUSTOMERS?</td> <td>1</td> <td>2</td> <td>9</td> </tr> <tr> <td>C. DOES SOMEONE FROM THIS SITE HELP PATRONS MEET A SEX PARTNER?</td> <td>1</td> <td>2</td> <td>9</td> </tr> <tr> <td>D. DO PEOPLE DO SEX HERE AT THIS PLACE?</td> <td>1</td> <td>2</td> <td>9</td> </tr> <tr> <td>E. DO ANY MALE STAFF MEET NEW SEX PARTNERS HERE?</td> <td>1</td> <td>2</td> <td>9</td> </tr> <tr> <td>F. DO ANY FEMALE STAFF MEET NEW SEX PARTNERS HERE?</td> <td>1</td> <td>2</td> <td>9</td> </tr> <tr> <td>G. DO WOMEN COME HERE TO SOCIALIZE IN HOPES OF FINDING A MAN WHO WILL GIVE THEM GIFTS IF THEY HAVE SEX?</td> <td>1</td> <td>2</td> <td>9</td> </tr> <tr> <td>H. DO MEN WHO HAVE SEX WITH MEN COME HERE?</td> <td>1</td> <td>2</td> <td>9</td> </tr> <tr> <td>J. IF YES (MSM COME TO SITE) How many men who have sex with men come at a busy time? _____</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		YES	NO	DK	A. DO PEOPLE MEET NEW SEX PARTNERS HERE?	1	2	9	B. DO FEMALE SEX WORKERS COME HERE TO FIND CUSTOMERS?	1	2	9	C. DOES SOMEONE FROM THIS SITE HELP PATRONS MEET A SEX PARTNER?	1	2	9	D. DO PEOPLE DO SEX HERE AT THIS PLACE?	1	2	9	E. DO ANY MALE STAFF MEET NEW SEX PARTNERS HERE?	1	2	9	F. DO ANY FEMALE STAFF MEET NEW SEX PARTNERS HERE?	1	2	9	G. DO WOMEN COME HERE TO SOCIALIZE IN HOPES OF FINDING A MAN WHO WILL GIVE THEM GIFTS IF THEY HAVE SEX?	1	2	9	H. DO MEN WHO HAVE SEX WITH MEN COME HERE?	1	2	9	J. IF YES (MSM COME TO SITE) How many men who have sex with men come at a busy time? _____			
	YES	NO	DK																																							
A. DO PEOPLE MEET NEW SEX PARTNERS HERE?	1	2	9																																							
B. DO FEMALE SEX WORKERS COME HERE TO FIND CUSTOMERS?	1	2	9																																							
C. DOES SOMEONE FROM THIS SITE HELP PATRONS MEET A SEX PARTNER?	1	2	9																																							
D. DO PEOPLE DO SEX HERE AT THIS PLACE?	1	2	9																																							
E. DO ANY MALE STAFF MEET NEW SEX PARTNERS HERE?	1	2	9																																							
F. DO ANY FEMALE STAFF MEET NEW SEX PARTNERS HERE?	1	2	9																																							
G. DO WOMEN COME HERE TO SOCIALIZE IN HOPES OF FINDING A MAN WHO WILL GIVE THEM GIFTS IF THEY HAVE SEX?	1	2	9																																							
H. DO MEN WHO HAVE SEX WITH MEN COME HERE?	1	2	9																																							
J. IF YES (MSM COME TO SITE) How many men who have sex with men come at a busy time? _____																																										

No.	Ibibazo	Inyishu																														
No.	Questions	Responses																														
B30	Mumyaka y'akazi haono habera iki?  SOMA AHITEMWO.	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: right;">EGO</th> <th style="text-align: right;">OYA</th> </tr> </thead> <tbody> <tr> <td>A. Barahagurira bakahafungurira ivyo kurya</td> <td style="text-align: right;">1</td> <td style="text-align: right;">2</td> </tr> <tr> <td>B. Barahaganirira isaha imwe canke irega</td> <td style="text-align: right;">1</td> <td style="text-align: right;">2</td> </tr> <tr> <td>C. Barahanwera inzoga</td> <td style="text-align: right;">1</td> <td style="text-align: right;">2</td> </tr> <tr> <td>D. Barahumvirira umuzika</td> <td style="text-align: right;">1</td> <td style="text-align: right;">2</td> </tr> <tr> <td>E. Barahatambira umuzika</td> <td style="text-align: right;">1</td> <td style="text-align: right;">2</td> </tr> <tr> <td>F. Bahagirira massaje</td> <td style="text-align: right;">1</td> <td style="text-align: right;">2</td> </tr> <tr> <td>G. Ayandi ma siport</td> <td style="text-align: right;">1</td> <td style="text-align: right;">2</td> </tr> <tr> <td>H. Aho banywera ibiyayura mutwe</td> <td style="text-align: right;">1</td> <td style="text-align: right;">2</td> </tr> <tr> <td>I. Ibindi?</td> <td style="text-align: right;">1</td> <td style="text-align: right;">2</td> </tr> </tbody> </table> <p>Bivuge: _____</p>		EGO	OYA	A. Barahagurira bakahafungurira ivyo kurya	1	2	B. Barahaganirira isaha imwe canke irega	1	2	C. Barahanwera inzoga	1	2	D. Barahumvirira umuzika	1	2	E. Barahatambira umuzika	1	2	F. Bahagirira massaje	1	2	G. Ayandi ma siport	1	2	H. Aho banywera ibiyayura mutwe	1	2	I. Ibindi?	1	2
	EGO	OYA																														
A. Barahagurira bakahafungurira ivyo kurya	1	2																														
B. Barahaganirira isaha imwe canke irega	1	2																														
C. Barahanwera inzoga	1	2																														
D. Barahumvirira umuzika	1	2																														
E. Barahatambira umuzika	1	2																														
F. Bahagirira massaje	1	2																														
G. Ayandi ma siport	1	2																														
H. Aho banywera ibiyayura mutwe	1	2																														
I. Ibindi?	1	2																														
B30	What types of activities occur here at a busy time?  READ EACH QUESTION.	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: right;">YES</th> <th style="text-align: right;">NO</th> </tr> </thead> <tbody> <tr> <td>A. PEOPLE BUY AND EAT FOOD</td> <td style="text-align: right;">1</td> <td style="text-align: right;">2</td> </tr> <tr> <td>B. PEOPLE SOCIALIZE FOR ONE HOUR OR MORE</td> <td style="text-align: right;">1</td> <td style="text-align: right;">2</td> </tr> <tr> <td>C. ALCOHOL CONSUMED</td> <td style="text-align: right;">1</td> <td style="text-align: right;">2</td> </tr> <tr> <td>D. LIVE OR RECORDED MUSIC</td> <td style="text-align: right;">1</td> <td style="text-align: right;">2</td> </tr> <tr> <td>E. DANCING</td> <td style="text-align: right;">1</td> <td style="text-align: right;">2</td> </tr> <tr> <td>F. MASSAGE</td> <td style="text-align: right;">1</td> <td style="text-align: right;">2</td> </tr> <tr> <td>G. ANY TYPE OF SPORTS</td> <td style="text-align: right;">1</td> <td style="text-align: right;">2</td> </tr> <tr> <td>H. PEOPLE SMOKING DRUGS OR TAKING DRUGS</td> <td style="text-align: right;">1</td> <td style="text-align: right;">2</td> </tr> <tr> <td>I. ANY OTHERS?</td> <td style="text-align: right;">1</td> <td style="text-align: right;">2</td> </tr> </tbody> </table> <p>IF OTHERS, SPECIFY: _____</p>		YES	NO	A. PEOPLE BUY AND EAT FOOD	1	2	B. PEOPLE SOCIALIZE FOR ONE HOUR OR MORE	1	2	C. ALCOHOL CONSUMED	1	2	D. LIVE OR RECORDED MUSIC	1	2	E. DANCING	1	2	F. MASSAGE	1	2	G. ANY TYPE OF SPORTS	1	2	H. PEOPLE SMOKING DRUGS OR TAKING DRUGS	1	2	I. ANY OTHERS?	1	2
	YES	NO																														
A. PEOPLE BUY AND EAT FOOD	1	2																														
B. PEOPLE SOCIALIZE FOR ONE HOUR OR MORE	1	2																														
C. ALCOHOL CONSUMED	1	2																														
D. LIVE OR RECORDED MUSIC	1	2																														
E. DANCING	1	2																														
F. MASSAGE	1	2																														
G. ANY TYPE OF SPORTS	1	2																														
H. PEOPLE SMOKING DRUGS OR TAKING DRUGS	1	2																														
I. ANY OTHERS?	1	2																														
B31	Hano hakora abakozi bangana iki? MUMASAHA Y'AKAZI	<table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 50%;">A. Abakozi (gabo)</td> <td style="width: 10%; text-align: center;"><input type="checkbox"/></td> <td style="width: 10%; text-align: center;"><input type="checkbox"/></td> <td style="width: 10%; text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>B. Abakozi (gore)</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </tbody> </table>	A. Abakozi (gabo)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B. Abakozi (gore)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																						
A. Abakozi (gabo)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																													
B. Abakozi (gore)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																													
B31	How many men and women work at this place at a busy time? PROBE.	<table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 50%;">A. Male staff</td> <td style="width: 10%; text-align: center;"><input type="checkbox"/></td> <td style="width: 10%; text-align: center;"><input type="checkbox"/></td> <td style="width: 10%; text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>B. Female staff</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </tbody> </table>	A. Male staff	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B. Female staff	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																						
A. Male staff	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																													
B. Female staff	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																													
B32	Abakobwa(abagore) bakora ngaha barondera abobaha amahera kugira bahuz'ibitsina boba bangana iki?  SOMA NIVYABA ARI NKENERWA.	<table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 80%;">Bose</td> <td style="width: 20%; text-align: right;">1</td> </tr> <tr> <td>Nkabose</td> <td style="text-align: right;">2</td> </tr> <tr> <td>Benshi</td> <td style="text-align: right;">3</td> </tr> <tr> <td>Igice cabakora ngaha</td> <td style="text-align: right;">4</td> </tr> <tr> <td>Bari musi y'igice</td> <td style="text-align: right;">5</td> </tr> <tr> <td>Bake cane</td> <td style="text-align: right;">6</td> </tr> <tr> <td>Ntanutwe</td> <td style="text-align: right;">0</td> </tr> </tbody> </table>	Bose	1	Nkabose	2	Benshi	3	Igice cabakora ngaha	4	Bari musi y'igice	5	Bake cane	6	Ntanutwe	0																
Bose	1																															
Nkabose	2																															
Benshi	3																															
Igice cabakora ngaha	4																															
Bari musi y'igice	5																															
Bake cane	6																															
Ntanutwe	0																															



No.	Ibibazo	Inyishu
No.	Questions	Responses
B34	Mumasaha y'akazi hano haza kuganirira abagabo n'abagore bangana iki?  MUSOKOROZE.	A. Abagabo: _____  B. Abagore: _____
B34	During a busy time, how many men and women do you expect to be socializing at this place?  PROBE FOR BEST NUMBER.	A. Men: _____  B. Women: _____
B35	Wiyumvira mubagore baza kuganirira ngaha ni bangahe bashobora kwemera amahera kugirango bahuze ibitsina?  SOMA INYISHU NIVYABA BIKENEWE.	Bose 1 Nkabose 2 Benshi 3 Igice cabakora ngaha 4 Bari musi y'igice 5 Bake cane 6 Ntanumwe 0
B35	In your opinion, of the women socializing at this place at a busy time, how many do you think accept cash in exchange for sex?  READ OPTIONS, IF NECESSARY.	ALL 1 ALMOST ALL 2 MOST 3 HALF 4 LESS THAN HALF 5 FEW 6 NONE 0
B36	Wiyumvira mubagabo baza kuganirira ngaha ni bangahe bashobora kwemera gutanga amahera kugirango bahuze ibitsina  SOMA INYISHU NIVYABA BIKENEWE.	Bose 1 Nkabose 2 Benshi 3 Igice cabakora ngaha 4 Bari musi y'igice 5 Bake cane 6 Ntanumwe 0
B36	In your opinion, of the men socializing at this place at a busy time, how many do you think have paid a woman to have sex in the last year?  READ OPTIONS, IF NECESSARY.	ALL 1 ALMOST ALL 2 MOST 3 HALF 4 LESS THAN HALF 5 FEW 6 NONE 0

No.	Ibibazo	Inyishu
No.	Questions	Responses
B37	Nkundira ndababaze ibibazo bikurikira kubijanye no gukinga ikiza sida. Nhsaka kumenya nimba muri aya mezi 12 harabaye.....	<p style="text-align: right;">EGO OYA DK</p> <p>A. Isekeza ryo gutanga kuri gusa udukingirizo? 1 2 9</p> <p>B. Isekeza ryo kugurisha udukingirizo? 1 2 9</p> <p>C. Isekeza ryo gupima sida kukivi? 1 2 9</p> <p>D. Isekeza z'inyigisho zerekeye ivyo gukinga sida? 1 2 9</p> <p>E. Umugambi wokwigisha ivy'amagara y'abantu? 1 2 9</p>
B37	Let me ask you about some specific AIDS prevention activities. Let me know if any of these have been here in the past 12 months.  Has there been...	<p style="text-align: right;">YES NO DK</p> <p>A. ANY FREE DISTRIBUTION OF CONDOMS? 1 2 9</p> <p>B. ANY CONDOMS FOR SALE? 1 2 9</p> <p>C. ANY PERSONS TESTED ONSITE FOR HIV? 1 2 9</p> <p>D. ANY SAFER SEX EDUCATION BY OUTREACH WORKERS? 1 2 9</p> <p>E. ANY PEER EDUCATION PROGRAM? 1 2 9</p> <p>F. ANY SPECIFIC PROGRAM FOR SEX WORKERS? 1 2 9</p> <p>G. ANY OTHER ACTIVITIES? 1 2 9</p>
B38	Muri aya mezi 12 aheze ni kangahe umuntu yashobora kuronka agakingirizo ngaha?	<p style="text-align: right;">Imisi yose 1 Rimwe na rimwe 2 Ntanarimwe 3 Ntavyo nzi 9</p>
B38	In the past 12 months, how often have condoms been available here?	<p style="text-align: right;">ALWAYS 1 SOMETIMES 2 NEVER 3 DON'T KNOW 9</p>
B39	A. Hano hariho udukingirizo? IF YES, ASK: B. Mwonyereka kamwe?	<p style="text-align: right;">Ego, ariko ntanakamwe nabonye 1 Ego kandi nabonye kamwe 2 Oya 3</p>
B39	A. Are there condoms here now? IF YES, ASK: B. Can you please show me one?	<p style="text-align: right;">YES, BUT DID NOT SEE ONE 1 YES, AND A CONDOM WAS SEEN 2 NO 3</p>
B40	Ninde mwibaza ko twocako ngaha tugarutse gutanga inyigisho?  MWODUHA IZINA, TELEPHONE MUKANATUBWIRA ICO AJEJWE.	<p style="text-align: right;">Gave Information 1 Refused to give information 2 Not applicable for site type/Don't Know 3</p>

No.	Ibibazo	Inyishu
No.	Questions	Responses
B40	Who can we talk to if we want to come back to do a survey? Can you give a first name of the person we should contact and their title?  WRITE NAME, TITLE AND TELEPHONE NUMBER IN YOUR INTERVIEWER NOTEBOOK.	Gave Information 1 Refused to give information 2 Not applicable for site type/Don't Know 3
B41	<b>ICİYUMVIRO CA NYENE KUGIRA ITOHOZA:</b>  UBONA NYENE IKIBANZA YOYAKIRA GUTE IBIJANYE NO KUHAJIMIRA UMUGERA?	Neza cane 1 Neza 2 nabi 3 Nabi cane 4 Ntavyo nzi 5 Ntawuhari 9
B41	<b>INTERVIEWER OPINION:</b>  HOW SUPPORTIVE DO YOU EXPECT THE SITE MANAGER TO BE REGARDING HIV TESTING AT THE SITE?	VERY SUPPORTIVE 1 SUPPORTIVE 2 NOT SUPPORTIVE 3 VERY UNSUPPORTIVE 4 DO NOT KNOW 5 NO MANAGER 9
B42	<b>ICİYUMVIRO CA NYENE KUGIRA ITOHOZA:</b> A. ITOHOZA: B. C. IVYO WOBONYE MUBIJANYE D. NOGUKINGA IKIZA SIDA MURI KINO KIBANZA	EGO OYA A. Nta capa kubijanye no gukinga sida .....1 2 B. Ntabijanye n'agakingirizo canke kugakoresha? 1 2 C. Agakingirizo karaboneka amena.....1 2 D. Udukingirizo twokugurisha turi ho .....1 2
B42	<b>INTERVIEWER OBSERVATION:</b> A. B. OBSERVED EVIDENCE OF HIV/AIDS PREVENTION ACTIVITIES AT THE SITE. C. D.	YES NO A. ANY HIV/AIDS POSTERS DISPLAYED.....1 2 B. CONDOM PROMOTION OR USE POSTERS? 1 2 C. CONDOMS <u>VISIBLE</u> (WITHOUT ASKING) ....1 2 D. CONDOMS FOR SALE AT SITE .....1 2

**VUGA NA IJWI RIRENGA:** Mwakoze cane kutwemerera kino kiganiro!

**READ OUT LOUD:** Thank you for your participation!

**BURUNDI FORM C: WORKER AND PATRON QUESTIONNAIRE** June 28, 2013 ID NUMBER:

No.	Ibibazo	Inyishu
No.	Questions	Responses
<b>UWUKURIKIRANA ITOHOZA ARUZUZA C1 – C6</b>		
<b>SECTION 1. FIELD SUPERVISOR COMPLETES C1 – C6</b>		
C1	Izina ry'intara:	Inomero: _____
C1	PROVINCE Name:	NUMBER: _____
C2	Ikomine:	Inomero: _____
C2	Commune:	NUMBER: _____
C3	Umutumba:	Inomero: _____
C3	Colline name:	NUMBER: _____
C4	Agacimbiri:	Inomero: _____
C4	Sub Colline Name:	NUMBER: _____
C5	Izina ,Kode y'ikibanza /y'urubanza	A.Izina ry' Ikibanza / Urubanza _____ B. Kode: _____
	Inimero y'ikibanza	Inomero y'ikibanza _____
	Ibirori canke urubanza n'inimero	Inomero y'ikibanza _____
C5	Unique Site / Event Name & Number	A. SITE / EVENT NAME _____ B. SITE NUMBER: _____
C6	Itariki	_____/_____/_____ Umusi                  Ukwezi                  Umwaka

No.	Ibibazo	Inyishu
No.	Questions	Responses
C6	Date	_____/_____/_____ DAY MONTH YEAR
<b>NYENE KUGIRA ITOHOZA ARUZUZA C7 – C8 IMBERE YOGUTANGURA KUBAZA</b>		
<b>SECTION 2. INTERVIEWER FILLS IN C7 – C8 BEFORE INTERVIEW AND DETERMINES ELIGIBILITY.</b>		
C7	A. Inomero ya nyene gukora itohoza:_____ B. Inomero y'uwishura:_____	
C7	A. INTERVIEWER NUMBER:_____ B. RESPONDENT NUMBER:_____	
C8	IGIHE COSE UBAJJE UMUNTU AKANKA KWIJIRA MW'ITOHOZA SHIRA AKAMENYETSO AHO KAGENEWE.	Umukozi(gore)
		Umuclient(gore)
		Umuclient(gabo)
C8	PUT A TICK MARK IN THE CORRECT BOX FOR EVERY PERSON APPROACHED AS A RESPONDENT WHO AVOIDED OR REFUSED THE SURVEY BEFORE BEING ASKED TO PARTICIPATE (BEFORE C14)	Female Workers
		Female Patrons
		Male Patrons
<p><b>Mwaramutse/mwiriwe. Jewe nitwa _____ nkorana n'ikigo CNLS gikukira ubushikiranganji bujewe amagara y'abantu no kugwanya ikiza ruhonyanganda SIDA mucigwa gifise intumbero yo guteza imbere ubuhinga bwo kurinda ikiza ruhonyanganda SIDA muri kano karere. Munkundiye ndaza kubabaza ibibazo bijanye nahano hantu duherereye, kumbure hari abantu bahatemberera, bahaganirira ndetse hari n'abaharonkera abo barangurana amabanga mpuzabitsina. Ndababaza mbere n'ibijanye gukinga ico kiza muri kano karere. Mugihe mwoba mwipfuzaga kumenya vyinshi kuri kino cigwa hari urukaratazi rutegekanijwe kubidondora neza. Menya neza, ivyo tunganira n'akabanga ka twebwe babiri ariko n'intererano idasanze mubijanye n'amagara y'abantu. Ariko rero nifuzaga kuganira n'untu arenza imyaka 15.</b></p>		
<p><b>Hello. My name is _____ and I am working with CADSAO on a study coordinated by the National Council against HIV (CNLS) that will improve HIV prevention programs here. I would like to read you a description of the study and then you can decide if you want to participate. First, I need to make sure you are at least 15 years old.</b></p>		
C9	IGITSINA C'UWISURA	Gabo 1 Gore 2 MAN WHO IDENTIFIES AS FEMALE 3
C9	GENDER OF RESPONDENT	MALE 1 FEMALE 2 MAN WHO IDENTIFIES AS FEMALE 3

No.	Ibibazo	Inyishu
No.	Questions	Responses
C10	NYENE KWISHURA NI	Umukozi(gore) 1 Umuclient(gabo,gore) yaje muri ico kibanza 2 Umuclient(gabo,gore) yaje muri urwo rubanza 3 Uwuhuza igitsina n’uwo bagisangiye twatumyeke 4
C10	RESPONDENT APPROACHED AS:	FEMALE WORKER 1 MALE OR FEMALE PATRON AT VENUE 2 MALE OR FEMALE PATRON AT EVENT 3 MAN RECRUITED FOR MSM SURVEY 4
C11	<b>RECRUITMENT INFORMATION FOR MSM:</b> A. Did you receive a letter from someone who invited you to participate in this survey? B. IF YES, RECEIVED LETTER: May I see the letter? ENTER THE RECRUITER NUMBER THAT IS WRITTEN ON THE LETTER. C. IF NO LETTER: DESCRIBE IN DETAIL HOW PERSON WAS RECRUITED D. ALL MSM: What is your relationship to the person who gave you the letter or recruited you? CIRCLE ALL THAT APPLY.  E. E. ALL MSM: Did you participate in the MSM survey in 2009? In the 2011 Survey?	A. NO, DID NOT RECEIVE LETTER 1 YES, RECEIVED LETTER 2 YES, BUT LOST LETTER OR DID NOT BRING 3 NO BECAUSE THIS PERSON IS A SEED 4  B. RECRUITER NUMBER FROM LETTER: _____ C. DESCRIBE HOW RECRUITED: _____ D. CURRENT OR PREVIOUS SEX PARTNER 1 PERSON KNOWN A YEAR OR MORE 2 PERSON KNOWN LESS THAN A YEAR 3 PERSON KNOWN LESS THAN A WEEK 4 PERSON WHO RECRUITED ME IS NOT MSM 5 E. OTHER SURVEYS: YES NO 2009 Survey? 1 2 2011 Survey? 1 2

No.	Ibibazo	Inyishu
No.	Questions	Responses
C11	<p>RECRUITMENT INFORMATION FOR MSM:</p> <p>A. Did you receive a letter from someone who invited you to participate in this survey?</p> <p>B. IF YES, RECEIVED LETTER: May I see the letter? ENTER THE RECRUITER NUMBER THAT IS WRITTEN ON THE LETTER.</p> <p>C. IF NO LETTER: DESCRIBE IN DETAIL HOW PERSON WAS RECRUITED</p> <p>D. ALL MSM: What is your relationship to the person who gave you the letter or recruited you? CIRCLE ALL THAT APPLY.</p> <p>E. E. ALL MSM: Did you participate in the MSM survey in 2009? In the 2011 Survey?</p>	<p>A. NO, DID NOT RECEIVE LETTER 1 YES, RECEIVED LETTER 2 YES, BUT LOST LETTER OR DID NOT BRING 3 NO BECAUSE THIS PERSON IS A SEED 4</p> <p>B. RECRUITER NUMBER FROM LETTER: _____</p> <p>C. DESCRIBE HOW RECRUITED: _____</p> <p>D. CURRENT OR PREVIOUS SEX PARTNER 1 PERSON KNOWN A YEAR OR MORE 2 PERSON KNOWN LESS THAN A YEAR 3 PERSON KNOWN LESS THAN A WEEK 4 PERSON WHO RECRUITED ME IS NOT MSM 5</p> <p>E. OTHER SURVEYS: YES NO 2009 Survey? 1 2 2011 Survey? 1 2</p>
C12	<p>A. Mwoba mufise imyaka ingahe? B. Mwavutse itariki zingahe?</p> <p><b>NIYABA ARI MUSI Y'IMYAKA CUMI N'ITANU HAAGARIKA IKIGANIRO.</b></p>	<p>IMYAKA: _____ IMYAKA Y'AMAVUKA: _____/_____/_____ UMUSI UKWEZI UMWAKA</p>
C12	<p>A. What is your age? B. What is your date of birth?</p> <p><b>IF YOUNGER THAN 15 STOP INTERVIEW.</b></p>	<p>AGE IN YEARS: _____ BIRTHDATE: _____/_____/_____ DAY MONTH YEAR</p>
C13	<p>AFISE 15, 16 CANKE 17: MBEGA MURI KUMWE N'ABAVYEYI CANKE INCUTI? <b>YISHUYE EGO, HAGARIKA IKIGANIRO.</b></p>	<p><b>EGO, HAGARIKA IKIGANIRO 1</b> OYA, BANDANYA IKIGANIRO 2</p>
C13	<p>IF AGE 15, 16 OR 17: Are you here with a parent or on a family errand? <b>IF YES, STOP INTERVIEW. NOT ELIGIBLE.</b></p>	<p><b>YES: STOP INTERVIEW 1</b> NO: CONTINUE INTERVIEW 2</p>
<p><b>Ko munyemereye ngirango mbacire kumayange ibijanye n'ivyo ngirango ndababaze hanyuma muhitemwo kunyishura canke kutanyishura. MUHE URUKARATASI RWOKWIYEMEZA KWISHURA ATAGAHATO KUBIBAZO ARUSOME. MUBAZE KO HARI IBIBAZO ATATOMOKEWE NEZA HANYUMA UMWISHURE.</b></p>		

No.	Ibibazo	Inyishu									
No.	Questions	Responses									
<b>I would like to read you a description of the study and of what we would ask you to do and then you can decide if you want to participate. READ INFORMED CONSENT. OFFER COPY TO PARTICIPANT. ASK IF THEY WANT MORE INFORMATION AND ANSWER ANY REMAINING QUESTIONS.</b>											
C14	Ko munyemereye ndashaka kumenya ko mwemeye: Zinguriza inyishu. <b>ARIKO ATEMERA KWISHURA KUBIBAZA HAMWE NOKWIPIMISHA UMUGERA, HAGARIKA ITOHOZA.</b>	<table style="width: 100%; border: none;"> <tr> <td></td> <td style="text-align: right;">Ego</td> <td style="text-align: right;">Oya</td> </tr> <tr> <td>A. Kwishura kubibazo?</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>B. Gupimwa umugera?</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> </table>		Ego	Oya	A. Kwishura kubibazo?	1	2	B. Gupimwa umugera?	1	2
	Ego	Oya									
A. Kwishura kubibazo?	1	2									
B. Gupimwa umugera?	1	2									
C14	Just to confirm, I need to know if you are willing to: CIRCLE YES OR NO FOR EACH. <b>IF NO TO SURVEY OR TEST, <u>STOP</u> INTERVIEW.</b>	<table style="width: 100%; border: none;"> <tr> <td></td> <td style="text-align: right;">YES</td> <td style="text-align: right;">NO</td> </tr> <tr> <td>A. Answer survey questions?</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>B. Provide a drop of blood??</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> </table>		YES	NO	A. Answer survey questions?	1	2	B. Provide a drop of blood??	1	2
	YES	NO									
A. Answer survey questions?	1	2									
B. Provide a drop of blood??	1	2									
C15	Kubera iki utemeye? _____										
C15	Why aren't you willing?										
<b>SECTION: SOCIO-DEMOGRAPHIC CHARACTERISTICS, EMPLOYMENT NAD VENUE VISITING BEHAVIOR</b>											
<b>SECTION 3: SOCIO-DEMOGRAPHIC CHARACTERISTICS, EMPLOYMENT AND VENUE VISITING BEHAVIOR</b>											
C16	ISAHA IBIBAZO BITANGURIYE KO	<input type="text"/> <input type="text"/> : <input type="text"/> <input type="text"/> Imbere/inyuma y'umutaga									
C16	TIME INTERVIEW BEGINS	<input type="text"/> <input type="text"/> : <input type="text"/> <input type="text"/> AM/PM									
C17	URURIMI MWAGANIRIYEMWO	IKIRUNDI 1 IGISWAHILI 2 IGIFARANSA 3 ICONGEREZA 4									
C17	LANGUAGE OF INTERVIEW	KIRUNDI 1 SWAHILI 2 FRENCH 3 ENGLISH 4									

No.	Ibibazo	Inyishu
No.	Questions	Responses
C18	Ngaha uhaza kangaha? ZINGURIZA.	Imisi yose 1 4 canke 6 buri ndwi 2 2 canke 3 buri ndwi 3 Rimwe buri ndwi 4 2 canke 3 buri kwezi 5 Rimwe mukwezi 6 Iri ni irya mbere nje ngaha 7
C18	How often do you come here? CIRCLE ONE RESPONSE. PROBE FOR NUMBER OF TIMES.	EVERYDAY 1 4 TO 6 TIMES PER WEEK 2 2 TO 3 TIMES PER WEEK 3 ONE TIME PER WEEK 4 2 TO 3 TIMES PER MONTH 5 ONE TIME PER MONTH 6 THIS IS MY FIRST VISIT 7
C19	Ni ryari waje ngaha irya mbere?	Iri ni irya mbere 1 Hagati ya amezi indwi na 12 Haraheze indwi 4 2 4 Haraheze hagati ya amezi 2 na 6 3 Umwaka urenga 5 Haraheze imyaka 6
C19	When did you come here the first time?	THIS IS MY FIRST VISIT 1 WITHIN PAST 7 - 12 MONTHS 4 WITHIN PAST 4 WEEKS 2 OVER A YEAR AGO 5 WITHIN PAST 2 - 6 MONTHS 3 OVER 5 YEARS AGO 6
C20	A. Ndonagurira igitigiri c'ibibanza mwoba mwacyiyemwo kurondera uwo muganira uyu musi dushizemwo no ngaha? B. None utegekanya guhava uja ahantu hangaha?	A. Maze kuja: _____ B. Nza kuja: _____
C20	A. How many other public places have you been to today to socialize, drink alcohol or look for a person to have sex (including this place)? B. How many others will you go to today or tonight?	A. Already been to: _____ B. Will go to: _____
C21	Bamwa bamwe baza mubibanza nk'ibi baba barondera ko bohura n'umugenzi mushasha bahuza ibitsina. Wibaza ko babaronka ngaha?	Ego 1 Oya 2
C21	Some people come to places like this to meet new sexual partners. Do you believe that people find sexual partners here?	YES 1 NO 2

No.	Ibibazo	Inyishu															
No.	Questions	Responses															
C22	Ni kubera iki waje ngaha uyu musu/muri rino joro? Waje ku.....:	<table> <tr> <td></td> <td>Ego</td> <td>Oya</td> </tr> <tr> <td>A. Kuganira?</td> <td>1</td> <td>2</td> </tr> <tr> <td>B. Kunwa inzoga?</td> <td>1</td> <td>2</td> </tr> <tr> <td>C. Kurondera uwo duhuza ibitsina ?</td> <td>1</td> <td>2</td> </tr> <tr> <td>D. Kukazi ?</td> <td>1</td> <td>2</td> </tr> </table>		Ego	Oya	A. Kuganira?	1	2	B. Kunwa inzoga?	1	2	C. Kurondera uwo duhuza ibitsina ?	1	2	D. Kukazi ?	1	2
	Ego	Oya															
A. Kuganira?	1	2															
B. Kunwa inzoga?	1	2															
C. Kurondera uwo duhuza ibitsina ?	1	2															
D. Kukazi ?	1	2															
C22	Why did you come here today / tonight? Did you come to:	<table> <tr> <td></td> <td>YES</td> <td>NO</td> </tr> <tr> <td>A. SOCIALIZE?</td> <td>1</td> <td>2</td> </tr> <tr> <td>B. DRINK ALCOHOL?</td> <td>1</td> <td>2</td> </tr> <tr> <td>C. LOOK FOR A SEXUAL PARTNER?</td> <td>1</td> <td>2</td> </tr> <tr> <td>D. WORK?</td> <td>1</td> <td>2</td> </tr> </table>		YES	NO	A. SOCIALIZE?	1	2	B. DRINK ALCOHOL?	1	2	C. LOOK FOR A SEXUAL PARTNER?	1	2	D. WORK?	1	2
	YES	NO															
A. SOCIALIZE?	1	2															
B. DRINK ALCOHOL?	1	2															
C. LOOK FOR A SEXUAL PARTNER?	1	2															
D. WORK?	1	2															
C22	Ntamugenzi mushasha uraronkera ngaha?	<table> <tr> <td></td> <td>Ego</td> <td>1</td> </tr> <tr> <td></td> <td>Oya</td> <td>2</td> </tr> </table>		Ego	1		Oya	2									
	Ego	1															
	Oya	2															
C23	Have you ever met a new sexual partner here?	<table> <tr> <td></td> <td>YES</td> <td>1</td> </tr> <tr> <td></td> <td>NO</td> <td>2</td> </tr> </table>		YES	1		NO	2									
	YES	1															
	NO	2															
C24	MWARAHUYE N'UMUGENZI MUSHASHA MW: Haheze umwanya ungana iki uronkeye muri kino kibanza umugenzi mushasha muhuza ibitsina?	<table> <tr> <td>Haraheze imisi indwi</td> <td>1</td> </tr> <tr> <td>Haraheze hagati y'indwi 2 na 4</td> <td>2</td> </tr> <tr> <td>Haraheze hagati y'amezi 2 na 6</td> <td>3</td> </tr> <tr> <td>Haraheze hagati y'amezi 7 na 12</td> <td>4</td> </tr> <tr> <td>Haraheze umwaka urenga</td> <td>5</td> </tr> <tr> <td>Ntanarimwe ndaharonkera umugenzi duhuza ibitsina</td> <td>9</td> </tr> </table>	Haraheze imisi indwi	1	Haraheze hagati y'indwi 2 na 4	2	Haraheze hagati y'amezi 2 na 6	3	Haraheze hagati y'amezi 7 na 12	4	Haraheze umwaka urenga	5	Ntanarimwe ndaharonkera umugenzi duhuza ibitsina	9			
Haraheze imisi indwi	1																
Haraheze hagati y'indwi 2 na 4	2																
Haraheze hagati y'amezi 2 na 6	3																
Haraheze hagati y'amezi 7 na 12	4																
Haraheze umwaka urenga	5																
Ntanarimwe ndaharonkera umugenzi duhuza ibitsina	9																
C24	IF YES, MET A PARTNER HERE: How recently did you attract a new sexual partner at this site?	<table> <tr> <td>WITHIN THE PAST 7 DAYS</td> <td>1</td> </tr> <tr> <td>WITHIN PAST 2 TO 4 WEEKS</td> <td>2</td> </tr> <tr> <td>WITHIN PAST 2 TO 6 MONTHS</td> <td>3</td> </tr> <tr> <td>WITHIN PAST 7 TO 12 MONTHS</td> <td>4</td> </tr> <tr> <td>OVER A YEAR AGO</td> <td>5</td> </tr> <tr> <td>NEVER MET NEW PARTNER HERE</td> <td>9</td> </tr> </table>	WITHIN THE PAST 7 DAYS	1	WITHIN PAST 2 TO 4 WEEKS	2	WITHIN PAST 2 TO 6 MONTHS	3	WITHIN PAST 7 TO 12 MONTHS	4	OVER A YEAR AGO	5	NEVER MET NEW PARTNER HERE	9			
WITHIN THE PAST 7 DAYS	1																
WITHIN PAST 2 TO 4 WEEKS	2																
WITHIN PAST 2 TO 6 MONTHS	3																
WITHIN PAST 7 TO 12 MONTHS	4																
OVER A YEAR AGO	5																
NEVER MET NEW PARTNER HERE	9																
C25	Uba he? Muri iyi ntara, iyindi ntara canke hanze y'uburundi?  Ari iyindi ntara yivuge.	<table> <tr> <td>Iyi ntara</td> <td>1</td> </tr> <tr> <td>Iyindi ntara</td> <td>2</td> </tr> <tr> <td>Izina yr'intara: _____</td> <td></td> </tr> <tr> <td>Inyuma y'igihugu</td> <td>3</td> </tr> </table>	Iyi ntara	1	Iyindi ntara	2	Izina yr'intara: _____		Inyuma y'igihugu	3							
Iyi ntara	1																
Iyindi ntara	2																
Izina yr'intara: _____																	
Inyuma y'igihugu	3																

No.	Ibibazo	Inyishu
No.	Questions	Responses
C25	Where do you live? In this province, another province or outside Burundi? IF ANOTHER PROVINCE: What is the name of the province ? IF RESPONDENT LIVES IN MORE THAN ONE PLACE, ANSWER ALL THAT APPLY.	THIS PROVINCE 1 ANOTHER PROVINCE 2  NAME OF PROVINCE: _____ OUTSIDE BURUNDI 3
C26	IF PERSON HAS A HOME IN THIS PROVINCE (IF C25=1): Aho hantu uhabaye ikiringo kingana gute?	Minsi y'umwaka 1 Hagati y'umwaka n'imyaka 5 2 Imyaka itanu irenga ariko siho namye mba 3 Kuva mvuka 4 NOT APPLICABLE: DOES NOT LIVE IN PROVINCE 9
C26	IF PERSON HAS A HOME IN THIS PROVINCE (IF C25=1): How long have you lived in this province?	LESS THAN 1 YEAR 1 1 TO 5 YEARS 2 OVER 5 YEARS BUT NOT ALL MY LIFE 3 ALL MY LIFE 4 NOT APPLICABLE: DOES NOT LIVE IN PROVINCE 9
C27	Wagarukiye mumwaka wakangahe w'amashure?	Sinahonyoye mwishure 0 Amashure matomato 1 Amashure yisumbuye igice ca mbere 2 Amashure yisumbuye igice ca kabiri 3 Amashure maremare/kaminuza 4
C27	What level of school have you completed?	NONE 0 PRIMARY SCHOOL 1 SECONDARY SCHOOL FIRST CYCLE 2 SECONDARY SCHOOL SECOND CYCLE 3 ADDITIONAL HIGHER EDUCATION 4
C28	None ubu uriga?	Ego 1 Oya 2
C28	Are you in school now?	YES 1 NO 2

No.	Ibibazo	Inyishu
No.	Questions	Responses
C29	Ubu muri kino gihe hari akazi mufise?  PROBE TO SELECT ONE CATEGORY	Ntakazi mfise, ndiko ndakarondera 0 Ntakazi mfise, kandi ntako ndiko ndarondera 1 Ntakazi mfise, nkora ako kwisumamwo 2 Ego, rimwe rimwe / amasaha make 3 Ego, umwanya wose 4
C29	Are you currently employed?  PROBE TO SELECT ONE CATEGORY	NO, LOOKING FOR WORK 0 NO, NOT LOOKING FOR WORK 1 INFORMALLY EMPLOYED 2 YES, OCCASIONAL / PART TIME WORK 3 YES, FULL TIME 4
C30	Ukora akazi kameze gute?  CIRCLE ALL THAT APPLY	Farmer 1      Military 6      Government worker 12 Fishing 2      Entertainer 7      Cleaner 13 Construction work 3      Transportation 8      Domestic 14 Other manual labor 4      Office work 9      Bar maid / Server 15 Security 5      Small business 10      Other 88 NGO / Non-profit 11      No type of work 99
C30	What type of work do you do (when you are working)?  CIRCLE ALL THAT APPLY	Farmer 1      Military 6      Government worker 12 Fishing 2      Entertainer 7      Cleaner 13 Construction work 3      Transportation 8      Domestic 14 Other manual labor 4      Office work 9      Bar maid / Server 15 Security 5      Small business 10      Other 88 NGO / Non-profit 11      No type of work 99
<b>SECTION 4: SEXUAL PARTNERSHIPS AND CONDOM USE</b>		
<b>SECTION 4: SEXUAL PARTNERSHIPS AND CONDOM USE</b>		
C31	Ubu naho munkundire tunganire ibijanye n'imibereho yawe muvy'igitsina. Vyoba bimaze gushika mugira imibonano mpuzabitsina? Ari EGO, mwari mufise imyaka ingahe?  ARI OYA ZINGURIZA 99 UCE UJA KURI C41  How old were you the first time you had sex? (VAGINAL OR ANAL)	Imyaka: _____  Ntanarimwe: 99

No.	Ibibazo	Inyishu
No.	Questions	Responses
C31	<p>Now I am going to ask you some questions about your sexual behavior. If you have never had sex, tell me that you have never had sex.</p> <p>IF NEVER HAD SEX, CIRCLE 99 AND SKIP TO C49 (MEN) OR C50 (WOMEN).</p> <p>How old were you the first time you had sex? (VAGINAL OR ANAL)</p>	<p>Age first sex: _____</p> <p>Never had sex: 99</p>
C32	<p>Uteranije, kangahe umaze kugira imibonano mpuzabitsina muri iyi misi indwi iheze?</p>	<p>Incuro:</p>
C32	<p>In total, how many times have you had sex in the past 7 days?</p>	<p>Number sex acts:</p>
C33	<p>Ubu naho ndipfuzako mumbwira igitigiri c'abantu mumaze guhuza ibitsina muri zino ndwi zine zihaze. Aho nshaka kuvuga guhera (ITARIKI) mushizemwo uwo mwaryamanye rimwe risa, kabiri canke gatatu mbere n'uwo mwaryamanye kenshi. <u>Uteranije, bese hamwe nibangahe?</u></p>	<p>Bese hamwe mundwi 4:</p>
C33	<p>Now I would like to ask you about the number of people you had sex with in the last 4 weeks. Think of all the people you had sex with, since &lt;INSERT DATE&gt;, including people you had sex with once or twice and people you had sex with regularly. <u>In total, how many people did you have sex with in the last 4 weeks?</u></p>	<p>Total 4 weeks:</p>
C34	<p>Muri abo bese ___ (IGITIGIRI C33), ni bangahe mutari bwaryamane narimwe? Honshaka kuvuga abo mutari baryamane narimwe muri izi ndwi 4 zihaze weeks?</p>	<p>Bashasha muri zino ndwi 4 zihaze:</p>
C34	<p>Of these ___ (NUMBER IN C33) people, <u>how many people had you never had sex with previously?</u> That is, people you had sex with for the first time in the last 4 weeks?</p>	<p>New 4 weeks:</p>
C35	<p>Ubu naho ndipfuzako mumbwira igitigiri c'abantu mumaze guhuza ibitsina muri ano meza aheze. Aho nshaka kuvuga guhera (ITARIKI) mushizemwo uwo mwayamanye rimwe risa, kabiri canke gatatu mbere n'uwo mwaryamanye kenshi. <u>Uteranije, bese hamwe nibangahe?</u></p>	<p>Bese hamwe mumezi 12:</p>
C35	<p>Now think of all the people you have had sex with in the last 12 months, since &lt;MONTH, YEAR&gt;. <u>In total, how many different people have you had sex with in the last 12 months?</u> Include people you had sex with only once or twice and people you had sex with regularly.</p>	<p>Total 12 months:</p>

No.	Ibibazo	Inyishu
No.	Questions	Responses
C36	<p>A. Urafise umugenzi wawe mukuru musanzwe murangurana imibonano mpuzabitsina kenshi. Ashobora kuba ugabo wawe canke uwundi mubana.</p> <p>IF NO: CIRCLE NO, PUT 0 in C36B, CIRCLE 9 for C36C.</p> <p>B. Urafise umugenzi wawe mukuru musanzwe murangurana imibonano mpuzabitsina kenshi. Ashobora kuba umugore wawe canke uwundi mubana.</p> <p>C. IF ANY: Are the main partner(s) male or female (or both)?</p>	<p>A. Ego 1 Ntawe mfise 2</p> <p>B. Igitigiri: _____</p> <p>C. MALE 1 FEMALE 2 BOTH 3 NO MAIN PARTNER 9</p>
C36	<p>A. Do you have a main sexual partner now? A main partner could be a spouse, someone you live with, or someone else.</p> <p>IF NO: CIRCLE NO, PUT 0 in C36B, CIRCLE 9 for C36C.</p> <p>B. IF YES: Some people have more than one main partner. How many main sexual partners do you have?</p> <p>C. IF ANY: Are the main partner(s) male or female (or both)?</p>	<p>A. YES 1 NO MAIN PARTNER 2</p> <p>B. NUMBER: _____</p> <p>C. MALE 1 FEMALE 2 BOTH 3 NO MAIN PARTNER 9</p>
C37	<p>Uremeza yuko uwo mugenzi wawe mukuru yoba amaze kurangura amabanga mpuzabitsina n'uwundi muntu muri aya mezi 12 aheze? MUSOKOROZE INYISHU.</p>	<p>Ego 1 Oya 2 Ntawe mfise 9</p>
C37	<p>Do you believe that your main/principal partner (any of your main partners) has had sex with another person in the past 12 months? PROBE FOR BEST GUESS.</p>	<p>YES 1 NO 2 NO MAIN PARTNER 9</p>
C38	<p>Uribaza yuko uwo mugenzi wawe mukuru amaze kuriha amahera uwo bahuza igitsina canke ko we amaze kurihwa amahera muri aya mezi 12? MUSOKOROZE INYISHU.</p>	<p>Ego 1 Oya 2 Ntawe mfise 9</p>
C38	<p>Do you believe your main/regular partner paid someone else or was paid for sex in the past 12 months? PROBE FOR BEST GUESS.</p>	<p>YES 1 NO 2 NO MAIN PARTNER 9</p>
C39	<p>Uramaze gukoresha agakingirizo?</p>	<p>Ego 1 Oya 2</p>

No.	Ibibazo	Inyishu
No.	Questions	Responses
C39	Have you ever used a condom?	YES 1 NO 2
C40	In the past six months, did you use condoms every time you had sex with every partner?	YES 1 NO 2 NOT APPLICABLE, NEVER USED 9
C40	In the past six months, did you use condoms every time you had sex with every partner?	YES 1 NO 2 NOT APPLICABLE, NEVER USED 9
C41	How frequently are you planning to use condoms in the next 6 months? Always? Sometimes? Never?	ALWAYS 1 SOMETIMES 2 NEVER 3
C41	How frequently are you planning to use condoms in the next 6 months? Always? Sometimes? Never?	ALWAYS 1 SOMETIMES 2 NEVER 3
C42	Vyaba bogoye canke biroroshe kuronka agakingirizo ugakeneye? SOMA.	Biroroshe cane 1 Biroroshe 2 Ntivyoroshe 3 Biragoye cane 4
C42	How easy or difficult is it for you to get a condom when you want one? READ OPTIONS.	VERY EASY 1 EASY 2 NOT EASY 3 VERY DIFFICULT 4
C42	UMUGORE GUSA: Mwoba muri kumugambi wogukinga imbanyi hambavu y'agakingirizo?	Ego 1 Oya 2
C43	WOMEN ONLY: Are you currently using a family planning method to prevent pregnancy, apart from condoms?	YES 1 NO 2

No.	Ibibazo	Inyishu
No.	Questions	Responses
C44	KUWARIWE WESE: Murafise agakingirizo? ARI EGO: Noshobora kukabona?	Ego, agakingirizo ndagafise, ariko sinshobora kukabereka 1 Egokandi agakingirizo nakabonye 2 Oya, Ntagakingirizo mfise 3
C44	MEN AND WOMEN: Do you have a condom with you? IF YES: May I see it?	YES, CONDOM WITH ME, BUT YOU CANNOT SEE IT 1 YES, CONDOM SEEN 2 NO, NO CONDOM WITH ME 3
C45	Rimwe narimwe hari abasaba akaganuke canke amafaranga kugirango bemere guhuza ibitsina. Biramaze kugushikira.....:	Ego Oya A. Ukaronka akaganuke canke akarusho kugirango muhuze ibitsina? 1 2 B. Ntawigeze agufasha ikintu kubera ko wemeye ko muhuza ibitsina ? 1 2 C. Ukaronka amahera kugorango muhuze ibitsina? 1 2 D. Ukariha amahera kugorango muhuze ibitsina? 1 2 E. EVER GIVEN GIFTS OR FAVORS FOR SEX? 1 2
C45	Sometimes people have sex with someone in exchange for gifts or help with expenses or cash money. Have you ever:	YES NO A. RECEIVED GIFTS OR FAVORS IN EXCHANGE FOR SEX? 1 2 B. EVER RECEIVED HELP WITH EXPENSES IN EXCHANGE FOR SEX? 1 2 C. EVER RECEIVED CASH MONEY IN EXCHANGE FOR SEX? 1 2 D. EVER PAID CASH MONEY FOR SEX? 1 2 E. EVER GIVEN GIFTS OR FAVORS FOR SEX? 1 2
C46	Muri aya mezi cumi nabiri aheze mwobamwarabonye ibimenyetso bikurikira..... IF NO TO ALL SYMPTOMS, SKIP TO C49	Ego Oya A. Imicafu iseseka iciye mugitsina? 1 2 B. Igikomere canke igisebe mugitsina indani? 1 2 C. Ububabare uriko urasoba? 1 2
C46	In the last 12 months, have you had any of these symptoms: IF NO TO ALL SYMPTOMS, SKIP TO C49	YES NO A. ABNORMAL GENITAL DISCHARGE? 1 2 B. A SORE OR ULCER IN THE GENITAL AREA?..... 1 2 C. PAIN WHEN YOU URINATE? 1 2

No.	Ibibazo	Inyishu
No.	Questions	Responses
C47	Ndifuzza kumenya ibijanye ningene wituye abaganga muri aya mezi 12 aheze kuri ivyo bimenyetso canke mbere nokuzindi ndwara zifatira mugitsina zidafise ibimenyetso bigaragara. Woba .....	<p style="text-align: right;">Ego    Oya</p> <p style="text-align: center;">A. Waragiye kumuganga yigenga?    1    2</p> <p style="text-align: center;">B. Warafashe imiti utarinze kwivuza?    1    2</p> <p style="text-align: center;">C. Waragiye kwivuza mubitaro vyareta?    1    2</p>
C47	IF YES TO ANY SYMPTOM: We want to know about your use of health services in the last 12 months for these symptoms. Did you.....	<p style="text-align: right;">YES    NO</p> <p style="text-align: center;">A. GO TO A PRIVATE DOCTOR?    1    2</p> <p style="text-align: center;">B. GET DRUGS WITHOUT PRESCRIPTION?    1    2</p> <p style="text-align: center;">C. GO TO A PUBLIC HEALTH CARE PROVIDER?    1    2</p>
C48	NIWABA WARITUYE IVURIRO RYA RETA (C47C=ERGO): bakwakiriye gute?	<p style="text-align: right;">Nabi    1</p> <p style="text-align: right;">Bisanzwe    2</p> <p style="text-align: right;">Neza    3</p> <p style="text-align: right;">Neza cane    4</p>
C48	IF SAW PUBLIC HEALTH CARE PROVIDER (C47C=YES): How do rate the service: poor, fair, good or excellent?	<p style="text-align: right;">POOR    1</p> <p style="text-align: right;">FAIR    2</p> <p style="text-align: right;">GOOD    3</p> <p style="text-align: right;">EXCELLENT    4</p>
C49	<b>ABAGABO GUSA:</b> Woba waragenyerewe canke nturagenyegwa(gusiramura) KO UTARAGENYEGWA: Woba uvyipfuzza muri ayamezi 12 ari imbere?	<p style="text-align: right;">Yaragenyerewe    1</p> <p style="text-align: right;">Aravyipfuzza    2</p> <p style="text-align: right;">Ntavyo ashaka    3</p>
C49	<b>MEN ONLY:</b> Are you circumcised or uncircumcised? IF UNCIRCUMSED: Are you interested in being circumcised in the next 12 months?	<p style="text-align: right;">CIRCUMCISED    1</p> <p style="text-align: right;">INTERESTED    2</p> <p style="text-align: right;">NOT INTERESTED    3</p>
<b>SECTION 5: FOR ALL RESPONDENTS—KNOWLEDGE AND USE OF SERVICES</b>		
<b>SECTION 5: FOR ALL RESPONDENTS—KNOWLEDGE AND USE OF SERVICES</b>		
C50	Mwoba muzi ngaha muri kano karere aho mushobora kuja kwipimishiriza umugera wa sida?	<p style="text-align: right;">Ego    1</p> <p style="text-align: right;">Oya    2</p>
C50	Do you know where in this province you can go if you wish to receive an HIV test?	<p style="text-align: right;">YES    1</p> <p style="text-align: right;">NO    2</p>

No.	Ibibazo	Inyishu
No.	Questions	Responses
C51	Turetse uyu musu, muri aya mezi 12 mwoba mwaripimishije umugera? ARI OYA: Ntanarimwe murigera mwipimisha umugera? ARI OYA, SIMBIRA KURI C55	Ego muri ayamezi 12 aheze 1 Ego inyuma y'amezi 12 aheze 2 Oya ntanarimwe ndipimisha 3
C51	Not including today, have you had an HIV test in the past 12 months? IF NO: Have you ever had a test? IF NEVER HAD TEST, SKIP TO C55	YES, IN PAST 12 MONTHS 1 YES, OVER 12 MONTHS AGO 2 NO, NEVER TESTED 3
C52	Ubwa nyuma muheruka kwipimisha mwoba mwararonse inyishu? ARI EGO: Mbega barabahaye ikiganiro imbere yo gutora inyishu?	Ego naratoye inyishu, nararonse inyigisho 1 Ego nararonse inyishu ariko ntanyigisho 2 Ntanyishu naronse 3
C52	The last time you were tested did you get your result? IF YES: Were you counseled when you got your result?	YES, GOT RESULT AND WAS COUNSELED 1 YES, GOT RESULT BUT NOT COUNSELED 2 NO, DID NOT GET RESULT 3
C53	A. Mwoba mwarahishutse uwo muhaza ibitsina inyishu mwaronse (not including the test today)? B. Hari umugenzi n'umwe canke uwo mukorana wabibwiye?	Ego Oya ntanyishu A. Ugenzi wanjye(sexe) 1 2 9 B. Ntanutwe 1 2 9
C53	A. Did you tell your main partner the results of your last HIV test (not including the test today)? B. Did you tell any of your friends, family or co-workers?	YES NO N/A A. MAIN PARTNER 1 2 9 B. ANYONE ELSE 1 2 9
C54	Mwihweje ingene babakiriye igihe muheruka kwipimisha mubona gute ukugene babakiriye?	Nabi 1 Bisanzwe 2 Neza 3 Neza cane 4
C54	How would you rate the service the last time you were tested: poor, fair, good or excellent?	POOR 1 FAIR 2 GOOD 3 EXCELLENT 4
C55	Muri aya mezi 12 aheze woba warasuzuguwe canke warakumiriwe n'abavuzi bajewe amagara y'abantu? Ahon shaka kuvuga: gukubitwa, gukubagurwa, gutera ubwoba, gukoza isoni.....	Ego 1 Oya 2

No.	Ibibazo	Inyishu
No.	Questions	Responses
C55	In the past 12 months, have you been mistreated or by a healthcare provider? By mistreated, we mean hitting, threatening, nagging, scolding, or humiliating.	YES 1 NO 2
C56	Munkundiye ndababaza ubu naho ibijanye n'ukwandura umugera. You can answer Yes, No or Don't Know.	<p style="text-align: right;">EGO OYA DK</p> <p>A. Agakingirizo karagabanya kwandura umugera? 1 2 8</p> <p>B. Umuvuzi arashobora kubona n'amaso ko umuntu yanduye umugera? 1 2 8</p> <p>C. Umuntu arashobora kwandura umugera umubu umuriye? 1 2 8</p> <p>D. Umuntu arashobora kwandura asangiye ivyo kurya n'uwugwaye? 1 2 8</p> <p>E. Kuba uhuza ibitsina n'umuntu umwe wizeye, atanduye biragabanya kuba umuntu yo kwandura sida? 1 2 8</p>
C56	We have a few questions about how HIV is transmitted. You can answer Yes, No or Don't Know.	<p style="text-align: right;">YES NO DK</p> <p>A. CAN USING CONDOMS REDUCE THE RISK OF HIV TRANSMISSION? 1 2 8</p> <p>B. CAN A HEALTHY LOOKING PERSON BE INFECTED WITH HIV? 1 2 8</p> <p>C. CAN A PERSON GET HIV FROM MOSQUITO BITES? 1 2 8</p> <p>D. CAN A PERSON GET HIV BY SHARING A MEAL WITH SOMEONE? 1 2 8</p> <p>E. CAN HAVING SEX WITH ONLY ONE FAITHFUL, UNINFECTED PARTNER REDUCE THE RISK OF TRANSMISSION? 1 2 8</p>
C57	Ni hehe muri aya mezi 12 mwoba mwarakuye inyigisho zijanye no kurinda umugera wa sida canke mbere sida?	<p style="text-align: right;">EGO OYA</p> <p>A. Abaremesha kiyago bo ngaha? 1 2</p> <p>B. faramasi? 1 2</p> <p>C. kwivuriro? 1 2</p> <p>D. Mukabare? 1 2</p> <p>E. Kwishure? 1 2</p> <p>F. Kumareresi? 1 2</p> <p>G. Kwiradiyo? 1 2</p> <p>H. Umukoresha? 1 2</p>

No.	Ibibazo	Inyishu																											
No.	Questions	Responses																											
C57	Where have you gotten information about HIV or AIDS in the past 12 months?	<table border="0"> <thead> <tr> <th></th> <th>YES</th> <th>NO</th> </tr> </thead> <tbody> <tr> <td>A. OUTREACH WORKER HERE?</td> <td>1</td> <td>2</td> </tr> <tr> <td>B. PHARMACY?</td> <td>1</td> <td>2</td> </tr> <tr> <td>C. CLINIC OR HOSPITAL?</td> <td>1</td> <td>2</td> </tr> <tr> <td>D. BAR OR GUEST HOUSE?</td> <td>1</td> <td>2</td> </tr> <tr> <td>E. SCHOOL?</td> <td>1</td> <td>2</td> </tr> <tr> <td>F. TELEVISION?</td> <td>1</td> <td>2</td> </tr> <tr> <td>G. RADIO?</td> <td>1</td> <td>2</td> </tr> <tr> <td>H. EMPLOYER?</td> <td>1</td> <td>2</td> </tr> </tbody> </table>		YES	NO	A. OUTREACH WORKER HERE?	1	2	B. PHARMACY?	1	2	C. CLINIC OR HOSPITAL?	1	2	D. BAR OR GUEST HOUSE?	1	2	E. SCHOOL?	1	2	F. TELEVISION?	1	2	G. RADIO?	1	2	H. EMPLOYER?	1	2
	YES	NO																											
A. OUTREACH WORKER HERE?	1	2																											
B. PHARMACY?	1	2																											
C. CLINIC OR HOSPITAL?	1	2																											
D. BAR OR GUEST HOUSE?	1	2																											
E. SCHOOL?	1	2																											
F. TELEVISION?	1	2																											
G. RADIO?	1	2																											
H. EMPLOYER?	1	2																											
C58	<p>Ushira kurugero uruhe amahigwe(chances) yuko wokwandura umugera utera sida ?</p> <p>PROBE GENTLY IF PERSON APPEARS CONFUSED BECAUSE HE OR SHE IS ALREADY INFECTION.</p>	<table border="0"> <tbody> <tr> <td>Ntibishoboka</td> <td>1</td> </tr> <tr> <td>Vyoshoboka ariko bigoranye</td> <td>2</td> </tr> <tr> <td>Vyoshoboka</td> <td>3</td> </tr> <tr> <td>Vyoshoboka cane</td> <td>4</td> </tr> <tr> <td>Asanzwe yaranduye</td> <td>9</td> </tr> </tbody> </table>	Ntibishoboka	1	Vyoshoboka ariko bigoranye	2	Vyoshoboka	3	Vyoshoboka cane	4	Asanzwe yaranduye	9																	
Ntibishoboka	1																												
Vyoshoboka ariko bigoranye	2																												
Vyoshoboka	3																												
Vyoshoboka cane	4																												
Asanzwe yaranduye	9																												
C58	<p>How do you rate your chances of getting infected with HIV?</p> <p>PROBE GENTLY IF PERSON APPEARS CONFUSED BECAUSE HE OR SHE IS ALREADY INFECTION.</p>	<table border="0"> <tbody> <tr> <td>NO CHANCE</td> <td>1</td> </tr> <tr> <td>LOW</td> <td>2</td> </tr> <tr> <td>MODERATE</td> <td>3</td> </tr> <tr> <td>HIGH</td> <td>4</td> </tr> <tr> <td>ALREADY INFECTED</td> <td>9</td> </tr> </tbody> </table>	NO CHANCE	1	LOW	2	MODERATE	3	HIGH	4	ALREADY INFECTED	9																	
NO CHANCE	1																												
LOW	2																												
MODERATE	3																												
HIGH	4																												
ALREADY INFECTED	9																												
C59	Muri izi ndwi zine ziheze ni kangahe wanyoye inzoga zambiye?	<table border="0"> <tbody> <tr> <td>Buri musi</td> <td>1</td> </tr> <tr> <td>Buri ndwi</td> <td>2</td> </tr> <tr> <td>Gake cane buri ndwi</td> <td>3</td> </tr> <tr> <td>Ntanarimwe</td> <td>4</td> </tr> </tbody> </table>	Buri musi	1	Buri ndwi	2	Gake cane buri ndwi	3	Ntanarimwe	4																			
Buri musi	1																												
Buri ndwi	2																												
Gake cane buri ndwi	3																												
Ntanarimwe	4																												
C59	During the last 4 weeks, how often have you had drinks containing alcohol?	<table border="0"> <tbody> <tr> <td>DAILY</td> <td>1</td> </tr> <tr> <td>WEEKLY</td> <td>2</td> </tr> <tr> <td>LESS THAN WEEKLY</td> <td>3</td> </tr> <tr> <td>NEVER</td> <td>4</td> </tr> </tbody> </table>	DAILY	1	WEEKLY	2	LESS THAN WEEKLY	3	NEVER	4																			
DAILY	1																												
WEEKLY	2																												
LESS THAN WEEKLY	3																												
NEVER	4																												

No.	Ibibazo	Inyishu
No.	Questions	Responses
C60	<p>Hari abantu bamwe bamwe bakoresha ibiyayura mutwe babicishije mukwitera inshinge, muri ayo mezi 12 vyoba vyaragushikiye?</p> <p>NIYA ARI OYA: Ntanarimwe urigera utegwa ubumara nka zakokayine n'ibindi ?</p> <p>ATANARIMWE SIMBIRA KURI C62.</p>	<p>Ego muri aya mezi 12 aheze 1 Ego ariko haheze amezi menshi 2 Ntanarimwe 3</p>
C60	<p>Some people have tried injecting drugs using a needle and syringe. Have you injected any non-prescription drug such as cocaine in the past 12 months?</p> <p>IF NO: Have you ever injected any non-prescription drug?</p> <p>IF NEVER, SKIP TO C62.</p>	<p>YES, IN PAST 12 MONTHS 1 YES, MORE THAN 12 MONTHS AGO 2 NEVER 3</p>
C61	<p>NIMBA VYARASHITSE: Igihe canyuma witera urushinge, hari uwo mwarusangiye?</p>	<p>Ego, SHARED NEEDLE LAST TIME 1 Oya, DID NOT SHARE NEEDLE LAST TIME 2</p>
C61	<p>IF EVER INJECTED DRUG: The last time you injected did you share a needle?</p>	<p>YES, SHARED NEEDLE LAST TIME 1 NO, DID NOT SHARE NEEDLE LAST TIME 2</p>
C62	<p>Woba warigeze urongora/rwa canke ubana n'umugenzi muhuza ibitsina canke woba urongowe canke ubana n'umugenzi muhuza ibitsina?</p>	<p>Ego ndubatse, kandi turacabana 1 Ego narigeze kwubaka ariko twaravanye 2 Oya sinigeze ndongorwa 3</p>
C62	<p>Have you ever been married or lived with a sexual partner or are you currently married or living with a sexual partner?</p>	<p>YES, CURRENTLY MARRIED/LIVING WITH 1 PREVIOUSLY MARRIED/LIVED WITH 2 NEVER MARRIED OR LIVED WITH 3</p>
C63	<p>NIMBA ARI EGO (C62): Amaze kurongorwa n'abantu bangahe canke mumaze kubana na bangahe? ANDIKA 0 NIMBA ATANUMWE.</p>	<p>IGITIGIRI: _____</p>
C63	<p>IF NOW OR EVER (C62): How many persons have you been married to or lived with? WRITE ZERO IF NONE.</p>	<p>NUMBER: _____</p>
C64	<p>Amaze kurongorwa n'abantu bangahe canke mumaze kubana na bangahe? ANDIKA 0 NIMBA ATANUMWE.</p>	<p>Igitigiri:</p>
C64	<p>In your opinion, how many men who have sex with men live in this colline or quarter? PROBE FOR BEST GUESS.</p>	<p>NUMBER:</p>

No.	Ibibazo	Inyishu
No.	Questions	Responses
C65	BUJUMBURA ONLY: Overall, how many men age 15 and older who have sex with men do you know personally in Bujumbura, that is, you know their name and they know your name, and you have been in contact in the past 30 days and could reach them again if you wanted?	Igitigiri:
C65	BUJUMBURA ONLY: Overall, how many men age 15 and older who have sex with men do you know personally in Bujumbura, that is, you know their name and they know your name, and you have been in contact in the past 30 days and could reach them again if you wanted?	NUMBER:
C66	Would you like to receive your HIV test result at the end of this survey?	Ego 1 Oya 2
C66	Would you like to receive your HIV test result at the end of this survey?	YES 1 NO 2
<p><b>Imbere yuko turangiza nagira ndabasabe munyishure mw'ibanga utubazo 19 kuri kino gipapuro ngira ndabahe. Ndabasomera ikibazo n'inyishu zishoboka hama namwe muzingurize inyishu kunimero y'ikibazo nzoba ndababajije. Duhejeje ibibazo vyose uca ushira urwo rupapuro mw'ibashya kuburyo atatumwe ashobora gutora uwavyishuye. Nifuzako mwishura ikiri kumutima ataguhigimanga atan'ubwoba. Hari ibibazo bishakaga gusa ariko wihangane.</b></p>		
<p><b>I would like you to answer 19 questions privately on a card that I will give you. I will read the question and you should write down your honest answer using a pen that I will give you. I'll read the questions and the answers. You should choose an answer and circle your response on the card. When we are finished with the card, you fold it and put it in this envelope. I cannot see your answers. Nobody can link the responses to you so there is no reason to give a false answer. We want to know the truth. Some of the questions may seem repetitive but please be patient.</b></p>		
C67	Muriyumvamwo ko twishura?	Ego 1 Oya 2
C67	Are you willing and able to mark your answers on this card?	YES 1 NO 2
<p><b>Section 6. MUHE URWO RUPAPURO UMUSIGURIRE INGENE AZINGURIZA INYISHU.</b></p>		
<p><b>Section 6. GIVE RESPONSE CARD TO RESPONDENT. PROVIDE INSTRUCTIONS TO CIRCLE THE BEST RESPONSE.</b></p>		
Q1	Igihe canyuma muherukira kurangura umubonano mpuzabitsina mwoba marakoresheje agakingirizo?	Ego                      Oya                      Ntamugenzi mfise




































No.	Ibibazo	Inyishu
No.	Questions	Responses
Q1	The last time you had sex with your main partner, did you and your partner use a condom?	YES NO PARTNER NO MAIN
Q2	Muri aya mezi 12 aheze mwoba mwaragize umubonano mpuzabitsina n'umuntu mutari bwabigire narimwe?	Ego Oya
Q2	In the past 12 months, have you had sex with a person who you never had sex with before?	YES NO
Q3	Muri aya mezi 12 aheze mwoba mwararishe canke mwararonse amahera kugirango murangure imibonano mpuzabitsina?	Ego Oya
Q3	In the past 12 months, did you receive cash money for sex?	YES NO
Q4	Mukiringo waronse canke watanze amahera kugira urangure imibonano mpuzabitsina, mwoba mwarakoresheje agakingirizo?	Ego Oya Ntamahera yaronse/yatanze
Q4	The last time you received cash money for sex, did you use a condom?	YES NO NOT APPLICABLE
Q5	Muri aya mezi 12, mwahuje ibitsina n'abagabo gusa, n'abagore gusa, bompi abagabo n'abagore, canke ntanumwe?	Gabo gusa Gore gusa Gore na gabo Ntanumwe
Q5	In the past 12 months, have you paid someone cash money for sex?	YES NO
Q6	Muri uyu mwaka uheze mukwinezereza wakoreshe umunwa? Inyuma(ikibuno)? Igihimba c'irondoka?	Umunwa igisusu Igihimba c'irondoka
Q6	The last time you paid someone cash money for sex, did you use a condom?	YES NO NOT APPLICABLE
Q7	Ubwa nyuma mwakoresheje igihimba c'irondoka mwarakoresheje agakingirizo ?	Ego Oya Ntagihimba cirondoka nakoresheje
Q7	In the past 12 months, have you had sex with a man?	YES NO
Q8	Ubwa nyuma mwakoresheje igisusu mwarakoresheje agakingirizo?	Ego Oya Ntagisusu nakoresheje
Q8	In the past 12 months, have you sex with a woman?	YES NO











No.	Ibibazo	Inyishu
No.	Questions	Responses
Q9	Nimwaba mwaripimishije( uyu musi hatarimwo) mwasanze inyishu imeze gute?	Naranduye Ntanyishu natoye Ntarandura Sinigeze nipimisha
Q9	The last time you had penis to vagina sex, did you use a condom?	YES NO NO VAGINAL SEX
Q10	Mwoba mwarigeze mufata imiti yo gupfupfahaza umugera? Mwarayifashenubu muracabandanya canke mwarahagaritse?	Oya ntanarimwe Ego n'ubu ndabandanya Ego ariko narahagaritse
Q10	In the past 12 months have you had anal sex?	YES NO
Q11	Mwoba mwarigeze murara mugahinga kubere ko mwabuze imuhira aho murara?	Ego Oya
Q11	The last time you had anal sex, did you use a condom?	YES NO NO ANAL SEX
Q12	Ntabwo mwoba mumaze gukubagurwa/gufatwa kunguvu n'umugenzi wanyu ngo muhuze ibitsina?	Ego Oya
Q12	Before today, were you ever tested and told you have HIV?	YES NO
Q13	Vyoba bimaze kubashikira mugafatwa kunguvu?	Ego Oya
Q13	Did you ever take HIV medicines?	YES NO NOT APPLICABLE
Q14	ABAGORE GUSA:Vyoba bimaze gushika mugakoroza inda?	Ego Oya
Q14	In the past week, did you miss a day of your HIV medicine?	YES NO NOT APPLICABLE
Q15	Have you ever slept outside or in a shelter because you were homeless?	Ego Oya
Q15	Have you ever slept outside or in a shelter because you were homeless?	YES NO
Q16	Have you ever spent a night in jail or prison?	Ego Oya
Q16	Have you ever spent a night in jail or prison?	YES NO
Q17	Have you ever experienced physical violence by a partner?	Ego Oya
Q17	Have you ever experienced physical violence by a partner?	YES NO

No.	Ibibazo	Inyishu
No.	Questions	Responses
Q18	Have you ever been forced to have sex with anyone?	Ego Oya
Q18	Have you ever been forced to have sex with anyone?	YES NO
Q19	WOMEN ONLY: Have you ever had an abortion?	Ego Oya
Q19	WOMEN ONLY: Have you ever had an abortion?	YES NO
<b>Thank you for participating!</b>		
<b>Thank you for participating!</b>		
Murakoze cane kuri kino kiganiro. Ubu naho genda mutore inyishu kuri umwe mwipimishako.		
Isaha itohoza rirangiriye ko : <input type="text"/> <input type="text"/> / <input type="text"/> <input type="text"/>		
Vyasunzumwe bishigwako umukono na nyene gukurikirana itohoza		
_____		(signature)
Itariki: <input type="text"/> <input type="text"/> / <input type="text"/> <input type="text"/> / <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>		
Checked by supervisor _____		Date: <input type="text"/> <input type="text"/> / <input type="text"/> <input type="text"/> / <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
(signature)		

**RESPONDENT ANSWER CARD**  
**RESPONDENT ANSWER CARD**

**ID NUMBER:**  
**ID NUMBER:**

Q1	 EGO	 OYA	 NTAMUGENZI MFISE
Q2	 EGO	 OYA	
Q3	 EGO	 OYA	
Q4	 EGO	 OYA	 NOT APPLICABLE
Q5	 EGO	 OYA	
Q6	 EGO	 OYA	 NOT APPLICABLE
Q7	 EGO	 OYA	
Q8	 EGO	 OYA	
Q9	 EGO	 OYA	 NO VAGINAL SEX
Q10	 EGO	 OYA	
Q11	 EGO	 OYA	 NO ANAL SEX
Q12	 EGO	 OYA	
Q13	 EGO	 OYA	 NOT APPLICABLE
Q14	 EGO	 OYA	 NOT APPLICABLE

Q15	 EGO	 OYA
Q16	 EGO	 OYA
Q17	 EGO	 OYA
Q18	 EGO	 OYA
Q19	 EGO	 OYA