

**Policy, Practice, Research, Dissemination and Dialogue: Using
evidence for improving HIV prevention and care in Karnataka**

Findings from Karnataka

A Workshop Organized jointly by:
Karnataka State AIDS Prevention Society (KSAPS)
Karnataka Health Promotion Trust (KHPT), Bangalore
University of Manitoba

26 February, 2008
Bangalore

Knowledge, Attitude and Behavior on HIV/AIDS
NFHS-3



USAID
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2005-06 National Family Health Survey (NFHS-3)

HIV Knowledge, Stigma, and Behaviour

Fred Arnold
Macro International

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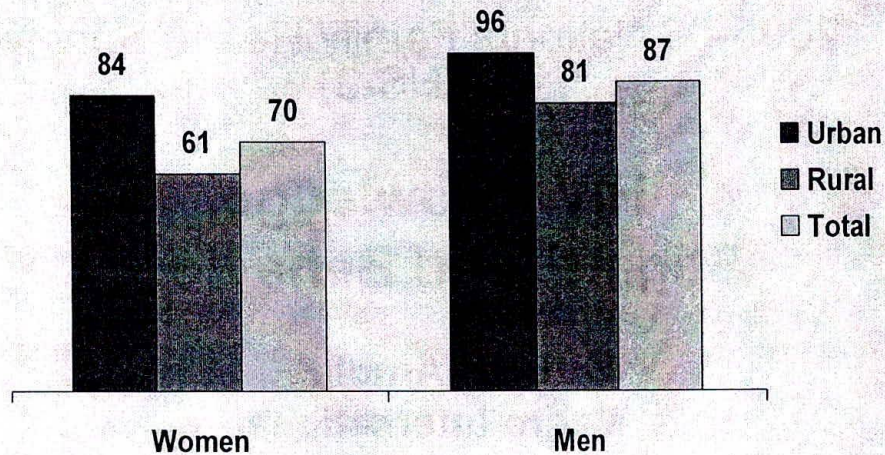
HIV/AIDS Knowledge

- ☐ Stigma and Discrimination
- ☐ Sexual Behaviour
- ☐ Youth: Knowledge and Behaviour
- ☐ Family Life Education

NFHS-3, India 2005-06

Knowledge of AIDS - Karnataka

Percentage age 15-49



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NACO/NARI

Trend in AIDS Knowledge

Knowledge of AIDS among ever-married women in Karnataka increased from 58% in NFHS-2 to 85% in NFHS-3

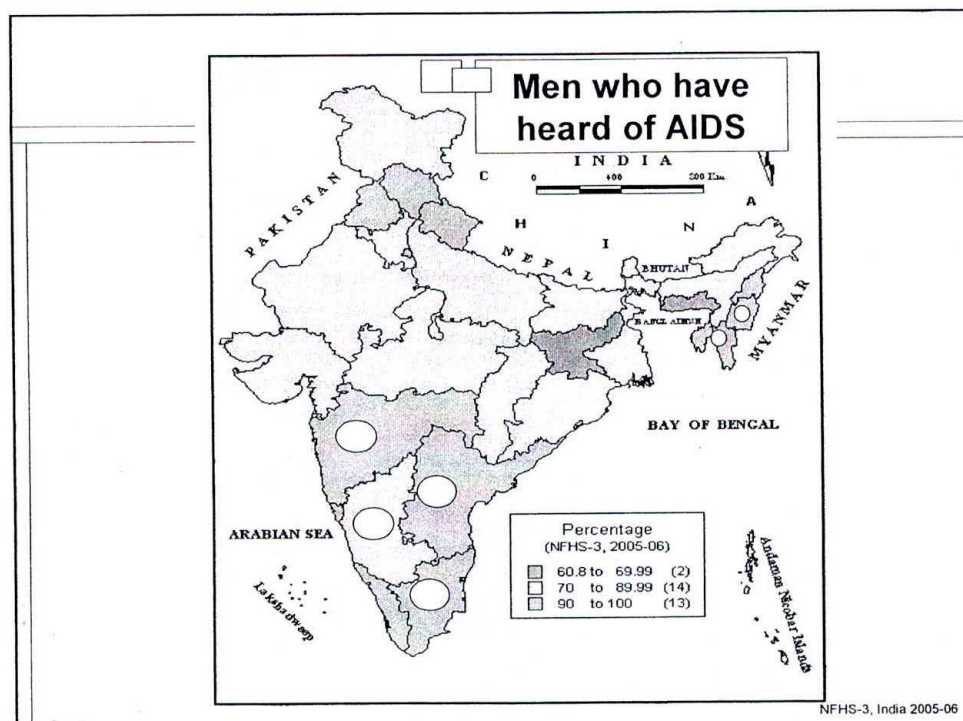
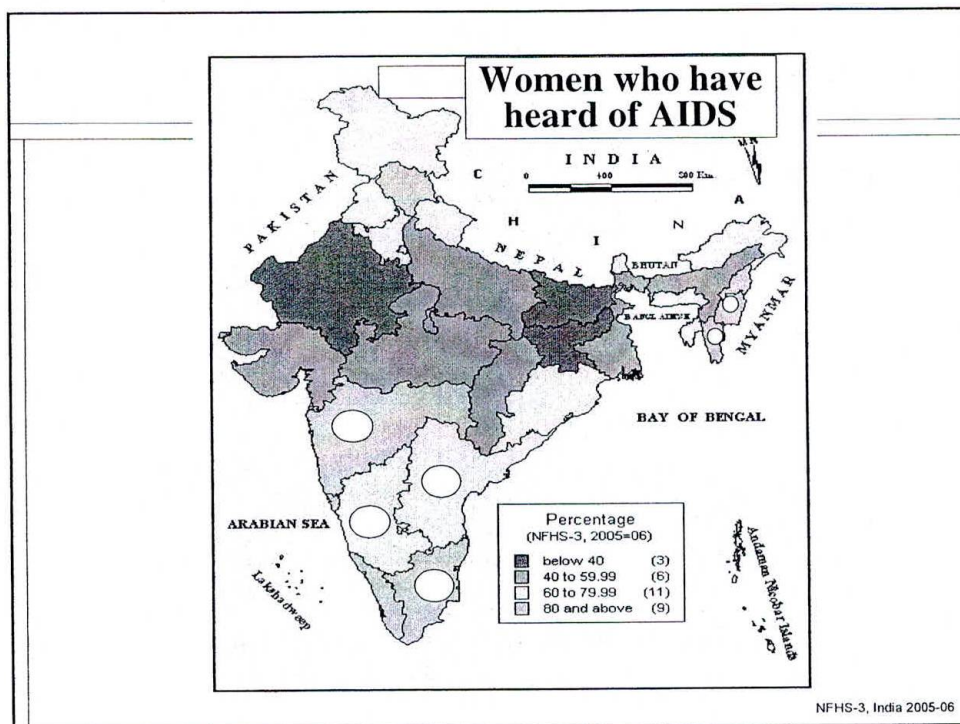
NFHS 1-92-93
2-98-99
3-05-06

NFHS-3, India 2005-06



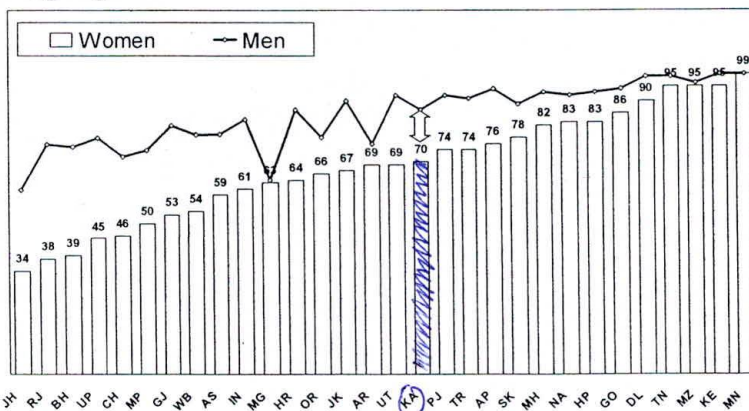
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Knowledge of AIDS by State

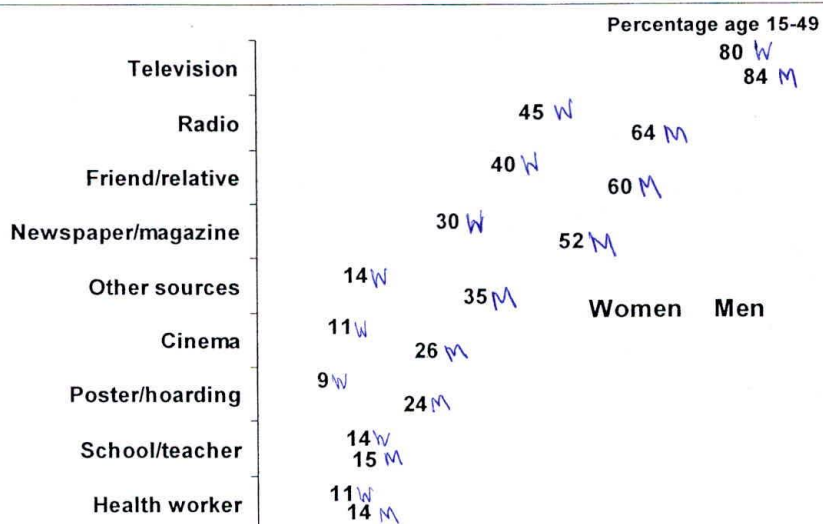
Percentage age 15-49



In 11 of the 29 states, at least 3 out of 4 women and men know about AIDS

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Sources of AIDS Knowledge - Karnataka

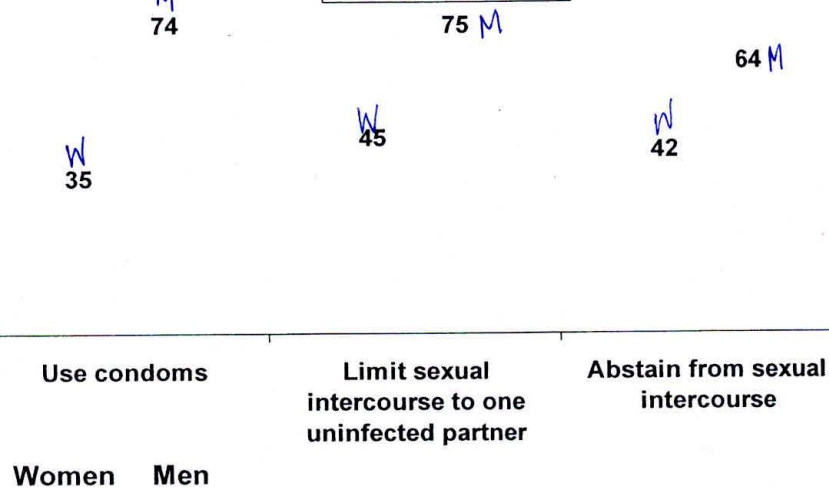


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Knowledge of HIV Prevention Methods

Percentage age 15-49

KARNATAKA

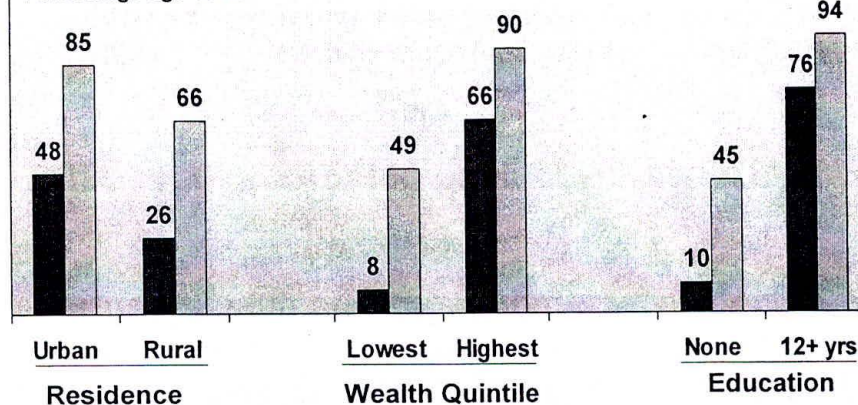


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Knowledge of Condoms for HIV/AIDS Prevention - Karnataka

■ Women ■ Men

Percentage age 15-49



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Common Misconceptions - Karnataka

Misconception:	% who reject the misconception	
	Women (15-49)	Men (15-49)
HIV/AIDS can be transmitted by:		
• Mosquito bites	43	56
• Sharing food with a person who has AIDS	47	63
• Hugging someone with AIDS	47	67
ALL THREE	35	46
A healthy-looking person cannot have HIV/AIDS	36	54

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What is Comprehensive Knowledge?

Persons have comprehensive knowledge if they know:

- ✓ That using a condom and having just one uninfected partner limits the risk of getting AIDS
- AND
- ✓ That a healthy looking person can have AIDS
- AND
- ✓ Reject the two most common misconceptions about AIDS transmission (transmission by mosquito bites and by sharing food)

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HIV/AIDS Awareness Indicators

Percentage of women and men age 15-49:

Who have a comprehensive knowledge about HIV/AIDS

Who know that HIV/AIDS can be prevented by using condoms and by having one uninfected partner

Who have heard of AIDS

12 W

29 M

29 W

68 M

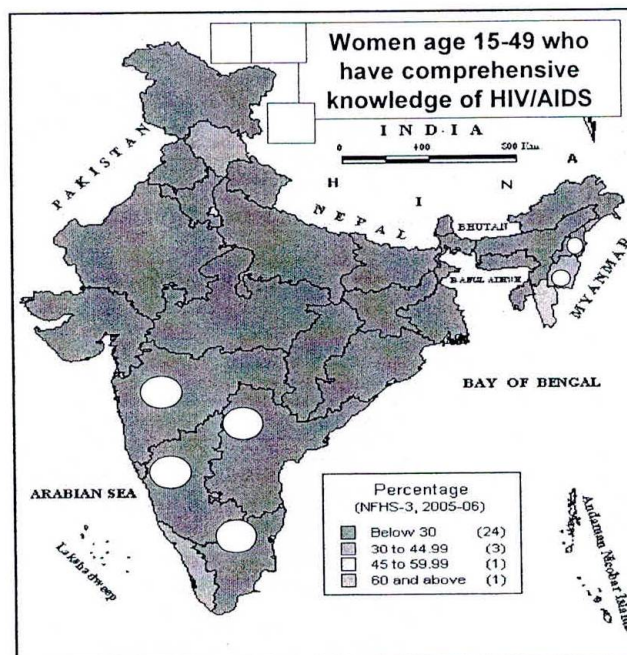
70 W

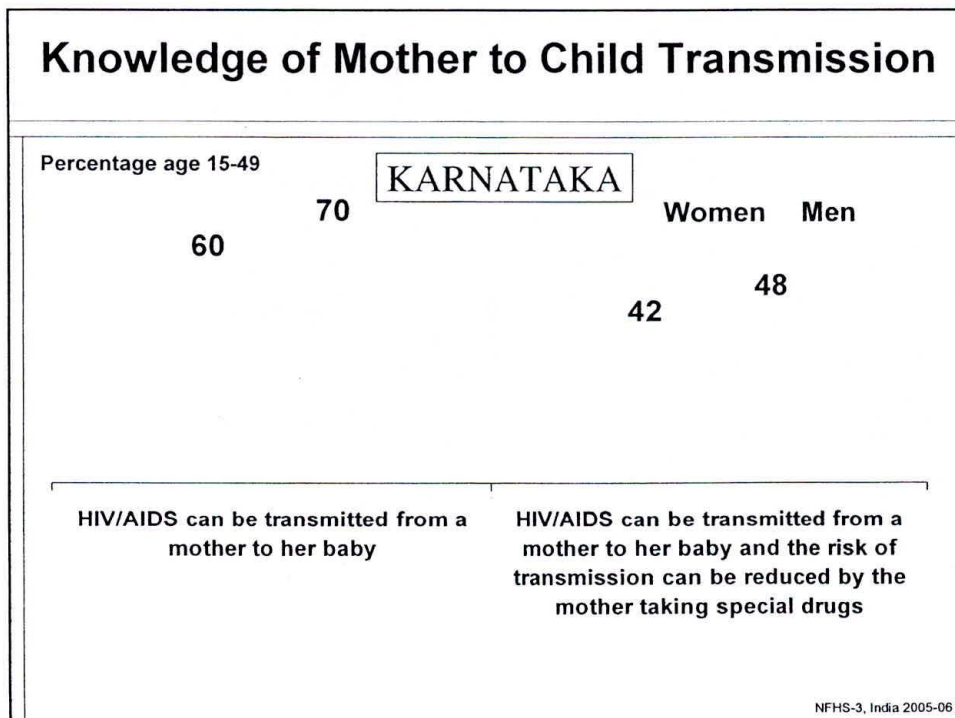
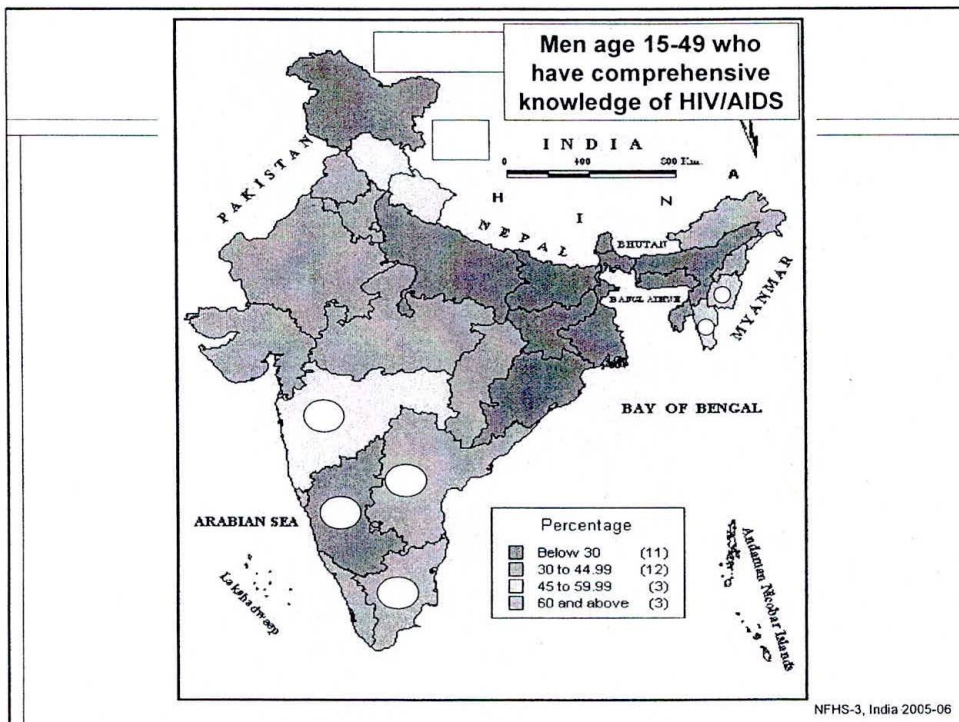
87 M

Women Men

KARNATAKA

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Knowledge of HIV Status - Karnataka

- Only 9% of women and 5% of men in Karnataka have ever been tested for HIV
- Groups that are most likely to have been tested:
 - Professionals (23% of women and 14% of men)
 - Education 12+ (21% of women and 12% of men)
 - Women not living with their husbands (18%)
 - Those in the highest wealth quintile (17% of women and 10% of men)
- Almost all those tested for HIV received the results of the test

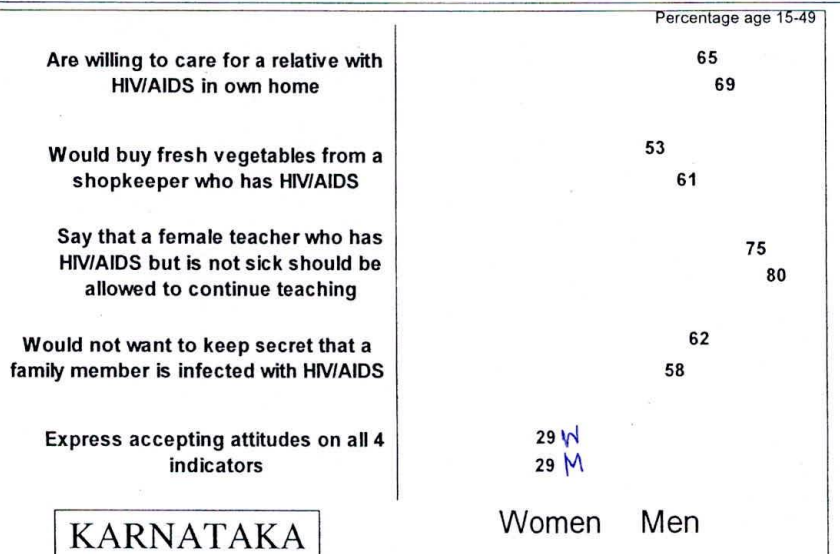
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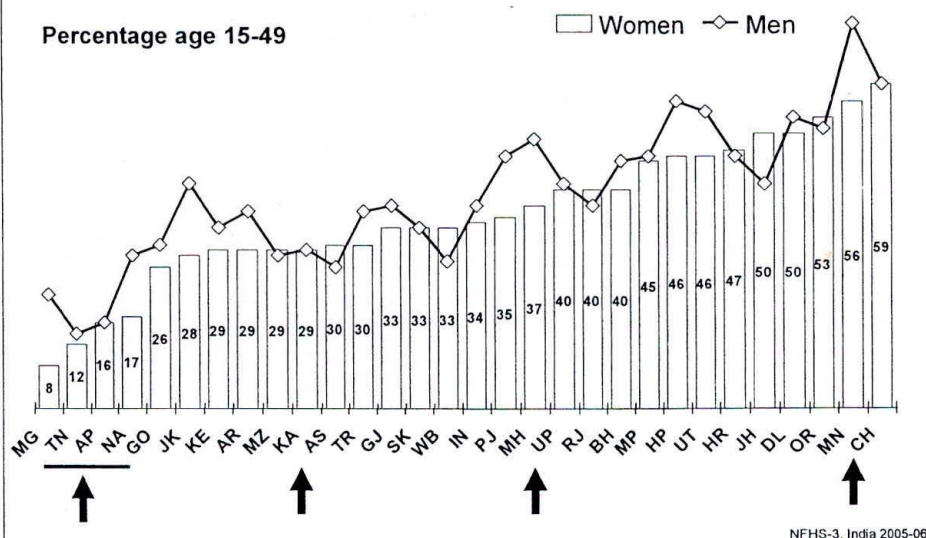
- ☐ HIV/AIDS Knowledge
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- ☐ Sexual Behaviour
- ☐ Youth: Knowledge and Behaviour
- ☐ Family Life Education

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Accepting Attitudes toward Persons Living with HIV/AIDS



Percentage Who Express Accepting Attitudes on All Four Indicators by State

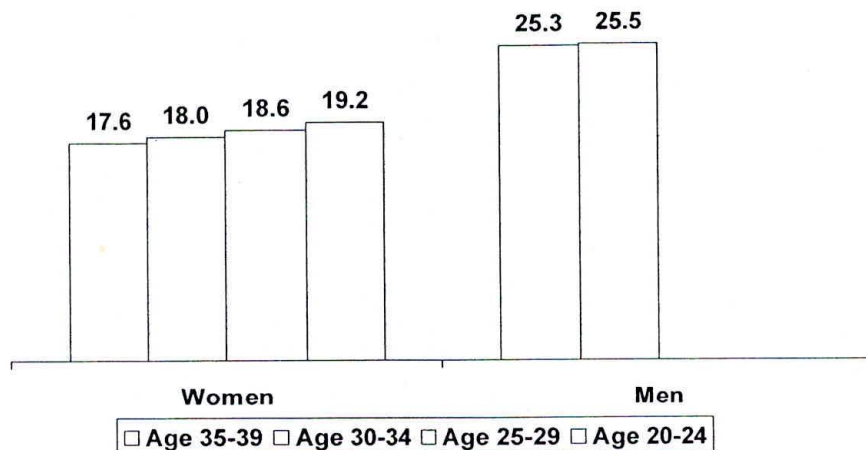


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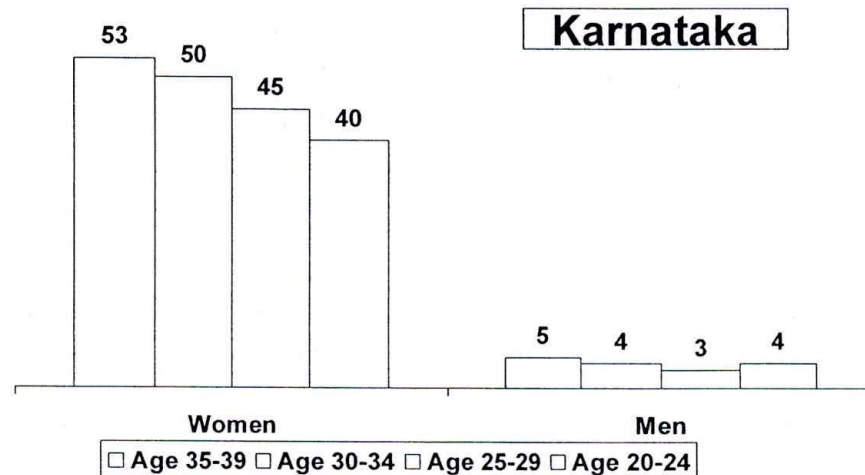
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Median Age at First Sexual Intercourse in Karnataka



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Percent Who First Had Sex by Age 18



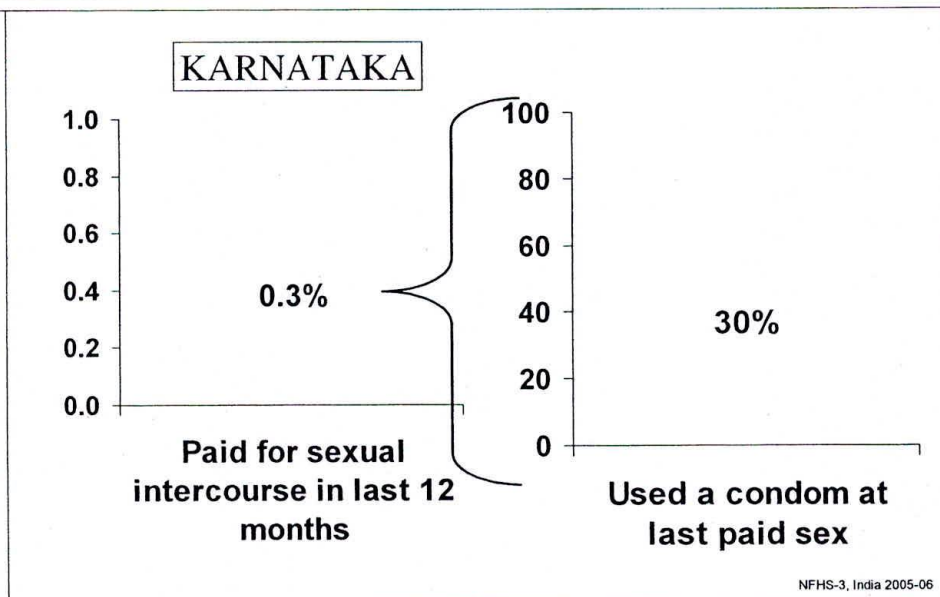
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Higher-Risk Sex among Never Married Men - Karnataka

- ☐ Among never married men age 15-49 who had sexual intercourse in the past 12 months, 14% had more than one partner
- ☐ 35% of never married men who had higher risk sex in the past 12 months used a condom the last time they had sex

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Paid Sex and Condom Use by Men Age 15-49



Attitudes toward Negotiating Sex with Husband - Karnataka

If husband has a sexually transmitted disease, his wife is justified in:

Percentage age 15-49

Refusing to have sexual intercourse with him	78
	82
Asking that they use a condom	83
Refusing to have sexual intercourse with husband or asking to use a condom	89
	Women Men

NFHS-3, India 2005-06

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- ☐ HIV/AIDS Knowledge
- ☐ Stigma and Discrimination
- ☐ Sexual Behaviour
- ➔ **Youth: Knowledge and Behaviour**
- ☐ Family Life Education

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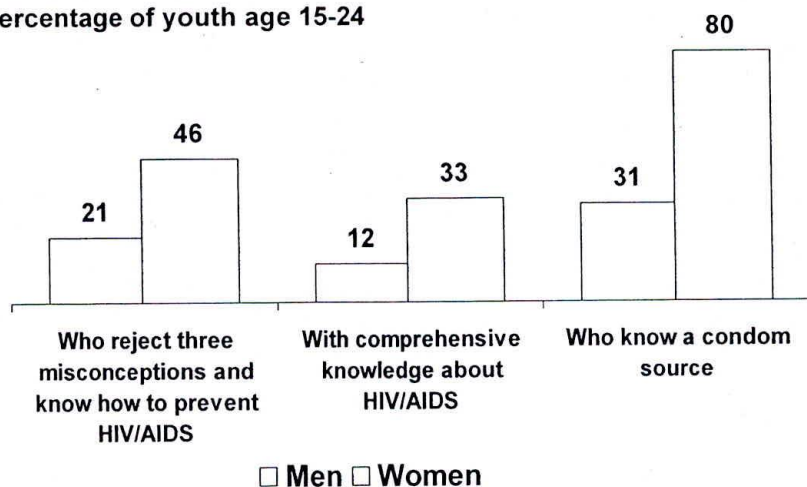
Youth: Knowledge of HIV - Karnataka

Percentage of youth age 15-24				Women	Men
76	90	77	78		
		36	49	46	67
Heard of AIDS	Use condoms	Limit sexual intercourse to one uninfected partner	Abstain from sexual intercourse		
Prevention methods					

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Youth: Comprehensive Knowledge and Knowledge of a Condom Source - Karnataka

Percentage of youth age 15-24



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Other Risk Behaviours

- ❖ 4% of women and 2% of men have ever had a blood transfusion
- ❖ Women age 40-49 are most likely to have had a blood transfusion (8%)
- ❖ More than half of women (54%) and men (58%) have had at least one injection in the last 12 months
- ❖ On average, both women and men received 3 injections in the last 12 months
- ❖ In almost all cases (94% for women and 97% for men), the needle had been sterilized or was taken from a newly opened package

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- ☐ HIV/AIDS Knowledge
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- ☐ Youth: Knowledge and Behaviour
-  **Family Life Education**

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Percentage who agree that family-life related topics should be taught to children in school - Karnataka

Topic to be taught in school	% of women who agree		% of men who agree	
	Girls	Boys	Girls	Boys
Pubertal changes in boys' bodies	68	76	84	91
Pubertal changes in girls' bodies	85	53	89	82
Sex and sexual behavior	49	44	74	75
Contraception	51	41	77	76
HIV/AIDS	73	72	91	92
Condom use to prevent STDs	45	43	82	82

**For additional information on
NFHS-3, visit**

www.nfhsindia.org

**Thank
You**

**HIV Prevalence among General Population
NFHS-3**

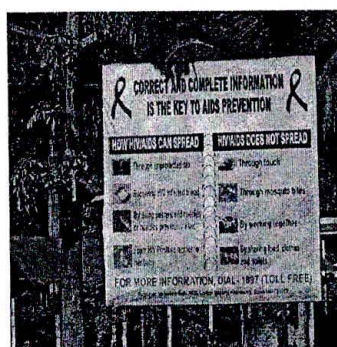


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2005-06 National Family Health Survey (NFHS-3)

HIV Prevalence

Fred Arnold
Macro International



Overview

- ❖ The 2005-06 National Family Health Survey (NFHS-3) is the third in a series of surveys, preceded by NFHS-1 in 1992-93 and NFHS-2 in 1998-99
- ❖ NFHS surveys are conducted under the stewardship of Ministry of Health and Family Welfare, Government of India
- ❖ The International Institute for Population Sciences (IIPS) in Mumbai has been the coordinating agency for all three surveys

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Overview

- ❖ NFHS-3 is funded by USAID, DFID, the Gates Foundation, UNICEF, UNFPA and GOI
- ❖ Macro International has provided technical assistance to all three NFHS surveys
- ❖ The National AIDS Control Organization and the National AIDS Research Institute assisted with the HIV component of the survey
- ❖ NFHS-3 fieldwork was carried out by 18 Research Organizations
- ❖ ISEC carried out the fieldwork in Karnataka

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NFHS-3 Sample

	Number Interviewed	Response Rate
Households	109,041	98
Women (age 15-49)	124,385	95
Men (age 15-54)	74,369	87

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Topics Covered in NFHS-3

- ✓ Household and housing characteristics
- ✓ Characteristics of women and men
- ✓ Fertility and contraception
- ✓ Utilization of health services and quality of care
- ✓ Maternal health
- ✓ Child immunization and child health care
- ✓ Nutrition
- ✓ HIV related knowledge, stigma, high-risk behavior
- ✓ Women's status
- ✓ Domestic Violence

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Contents of Presentation



Biomarker Tests in NFHS-3

- ☐ *How HIV Was Tested in NFHS-3*
- ☐ Coverage of HIV Testing
- ☐ HIV Prevalence
- ☐ Analysis of Missed Population

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Biomarker Tests in NFHS-3

- **HIV testing of dried blot spots**
- **Haemoglobin testing for anaemia**
- **Height and weight measurement**

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Goals for HIV Prevalence Estimates

HIV prevalence was to be estimated:

- ✓ **For the general population in India, by sex, age, urban-rural residence, and groups of states**
- ✓ **For each of NACO's six "high prevalence" states, Andhra Pradesh, Karnataka, Maharashtra, Manipur, Nagaland, and Tamil Nadu, by sex**
- ✓ **For one low prevalence state, Uttar Pradesh, by sex**

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- ☐ Biomarker Tests in NFHS-3

- **How HIV Was Tested in NFHS-3**

- ☐ Coverage of HIV Testing

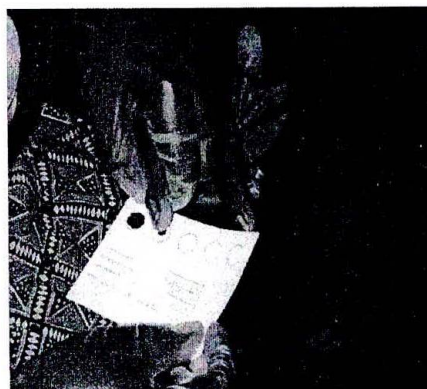
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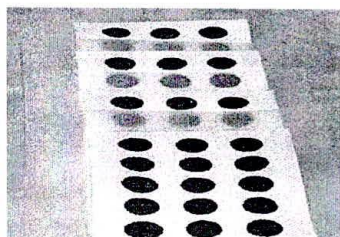
Collection of Blood Samples in the Field for HIV Testing

- Blood spots from a finger prick were collected on a special filter paper card
- No names or personal identifiers were placed on the filter paper sample
- Self-adhesive barcode labels bearing the same numbers were affixed to the filter paper card and the questionnaire for each individual respondent



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Storage and Shipment of Samples



- After collection, samples were dried overnight in a drying box with desiccants and a humidity indicator card
- Appropriately packaged DBS samples were transported to the SRL Ranbaxy collection centres
- The collection centres were responsible for transporting samples in a biosafe manner to the Ranbaxy lab in Mumbai

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External Quality Control

- A sub-sample of more than 5,000 DBS samples was sent to the National AIDS Research Institute (NARI) in Pune for external quality control (QC)
- All positive samples and 5% of negative samples were sent for external QC

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Linking HIV Test Results to the Questionnaire Data

- **The HIV test results were linked to the questionnaire data through barcodes**
- **To further preserve anonymity, enumeration area and household numbers were randomly scrambled before the questionnaire data file was merged with the HIV test result file**

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Ethical Standards Followed

- ✓ **NFHS-3 strictly followed all international and Indian guidelines for the ethical and safe collection of blood and for HIV testing**

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Coverage of HIV Testing

- Blood samples for HIV testing were collected from women age 15-49 and men age 15-54 in randomly selected households
- Blood could not be collected in Nagaland due to local opposition
- NFHS-3 HIV prevalence estimates are based on tests of 102,946 blood samples (50,093 from men and 52,853 from women)

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Coverage of HIV Testing

- Percent of eligible women and men in India whose blood was tested for HIV
 - Women: 85 percent
 - Men: 78 percent
- Response rates are comparable to HIV test response rates in other national household surveys worldwide

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Response Rates in Six States

State	Women (%)	Men (%)
Tamil Nadu	93	90
Manipur	91	82
Andhra Pradesh	85	81
Uttar Pradesh	83	79
Karnataka	82	72
Maharashtra	78	68

Response rates are higher than the national average in Tamil Nadu and Manipur, about the same as the national average in UP and Andhra Pradesh, and lower than the national average in Maharashtra and Karnataka

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Non-Response Rates by Reason (Karnataka)

Reason	Women (%)	Men (%)
Not interviewed*	8	17
Refused to give blood	6	6
Absent at time of blood collection	1	2
Other	3	4

*Persons who were not interviewed were not eligible for blood collection

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HIV Prevalence

HIV prevalence for women and men age 15-49
INDIA

Total: 0.28%

Confidence interval:
0.23-0.33

Women: 0.22%

Men: 0.36%

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HIV Prevalence

HIV prevalence for women and men age 15-49
INDIA KARNATAKA

Total: 0.28%

Confidence interval:
0.23-0.33

Women: 0.22%

Men: 0.36%

Total: 0.69%

Confidence interval:
0.44-0.93

Women: 0.54%

Men: 0.86%

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HIV Prevalence by State

State	Total (%)	Women (%)	Men (%)
Manipur	1.13	0.76	1.59
Andhra Pradesh	0.97	0.76	1.22
Karnataka	0.69	0.54	0.86
Maharashtra	0.62	0.48	0.78
Tamil Nadu	0.34	0.40	0.27
Uttar Pradesh	0.07	0.05	0.10
Non-high prevalence states	0.12	0.08	0.16
India	0.28	0.22	0.36

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HIV Prevalence by Residence and Sex, India

Sex	Women (%)	Men (%)	Total (%)
Urban	0.29	0.41	0.35
Rural	0.18	0.32	0.25
India	0.22	0.36	0.28

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Ratios of HIV Prevalence Rates by Residence and Sex

State	Female:Male	Rural:Urban
Manipur	1:2.1	NA
Andhra Pradesh	1:1.6	NA
Karnataka	1:1.6	NA
Maharashtra	1:1.6	NA
Tamil Nadu	1:0.7	NA
Uttar Pradesh	1:2.1	NA
Non-high prevalence states	1:2.1	NA
India	1:1.6	1:1.4

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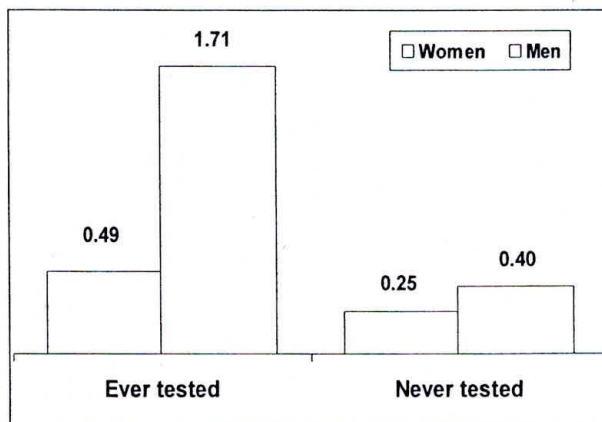
HIV Prevalence by Age, India

Age	Total (%)	Women (%)	Men (%)
15-19	0.04	0.07	0.01
20-24	0.18	0.17	0.19
25-29	0.35	0.28	0.43
30-34	0.54	0.45	0.64
35-39	0.37	0.23	0.53
40-44	0.30	0.19	0.41
45-49	0.33	0.17	0.48
50-54	NA	NA	0.34

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HIV Prevalence in India by Prior HIV Testing

Only 3% of women and 4% of men in India have ever been tested for HIV



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HIV Status among Married Couples in India

- NFHS-3 data on women and men can be linked to identify married couples
- Married couples in which both the wife and the husband were tested for HIV in NFHS-3 can be studied to examine HIV discordance

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HIV Discordance among Couples

- Among the 27,771 married couples who were tested for HIV in NFHS-3, there were 138 couples in India in which the wife or the husband or both were HIV positive
- Among these couples
 - For 22%, both the husband and wife were HIV positive
 - For 64%, only the husband was HIV positive
 - For 14%, only the wife was HIV positive

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Analysis of Missed Population

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Non-Response Analysis

When is non-response important?

Substantial bias is possible only if both of the elements below are present

- 1. Non-response is large**
- 2. Prevalence rates are very different between those tested and those not tested**

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NFHS-3 Analytical Approach

Eligible respondents in India are divided into three categories

- 1. Interviewed and tested**
- 2. Interviewed but not tested**
- 3. Not interviewed, not tested**

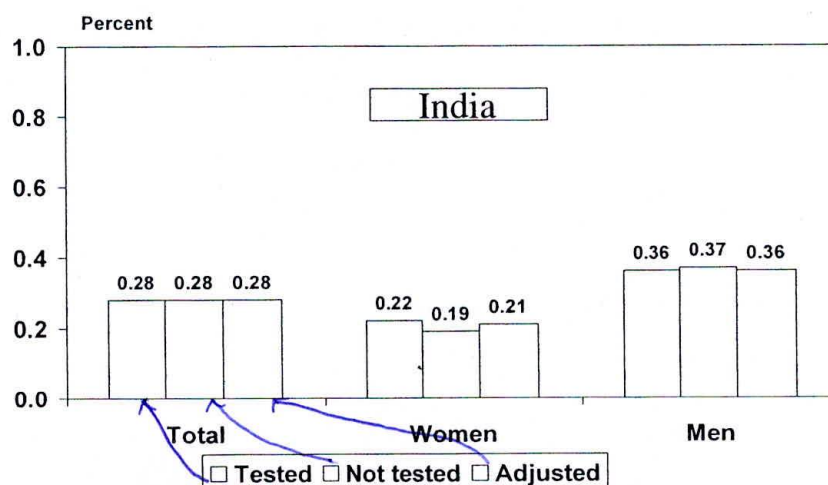
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NFHS-3 Analytical Approach

- HIV prevalence is predicted among those who *were not* tested based on a model of HIV for those who *were* tested
- Separate predictions are made for “not-interviewed, not-tested” and “interviewed, not-tested” groups
- Adjusted HIV prevalence is calculated as a weighted average of observed prevalence in the tested group and predicted prevalence in the two non-tested groups

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Observed and Adjusted HIV Prevalence Rates



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Analysis of Missed Populations

- Household surveys may miss persons who do not live in households
 - Homeless population
 - People staying in group quarters (hospitals, barracks, dormitories, brothels, prisons, monasteries)
 - 2001 Census shows 1.9 million houseless persons and 7.8 million persons living in group quarters
 - In Karnataka, there are 102,000 houseless persons and 483,000 persons living in group quarters, according to the census

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Analysis of Missed Populations

- **NFHS-3 does not miss high-risk groups unless they do not live in households!!!!**

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HIV Prevalence under Various Assumptions about the Missed Population in India

Assumption	HIV prevalence
NFHS-3 actual HIV prevalence	0.28
<u>HIV assumptions for missed populations</u>	
10 times national HIV (2.81%)	0.31
20 times national HIV (5.62%)	0.34
10% HIV prevalence	0.40

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Conclusions of Special Analyses

- NFHS-3 provides an accurate and robust estimate of HIV prevalence in the general household population age 15-49
- Analysis of non-response and missed populations provides evidence that HIV prevalence in the general population age 15-49 in India is approximately 0.3%, and could not be higher than 0.4% under any reasonable assumptions

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New GOI/UNAIDS HIV Estimates

- **Based on the HIV results from NFHS-3 and other data, the Government of India and UNAIDS released new prevalence estimates of HIV in India last year**
- **The new official estimate of HIV prevalence among the adult population was revised downward from 0.92% to 0.36%**

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New HIV estimates

- **The estimated number of persons in India living with HIV was reduced from 5.2-5.7 million to 2.5 million**
- **This was the largest single adjustment that led UNAIDS to reduce the global estimate of the number of persons living with HIV from 39.5 million to 33.2 million**

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HIV Prevalence - Summary

- **Despite the lower HIV prevalence estimates for India, strong programmes are still required to prevent the further spread of HIV**

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**Levels & trends in HIV Prevalence among ANC
attendees**

Table 1 Profile of ANC attendees

		Year							
		2003		2004		2005		2006	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Locality	Urban	7992	37.0	8461	39.3	8155	37.8	7866	36.4
	Rural	13598	63.0	13073	60.7	13444	62.2	13761	63.6
ANC/FRU	DH	10800	50.0	10800	50.2	10800	50.0	10800	49.9
	FRU	10790	50.0	10734	49.8	10800	50.0	10827	50.1
Education status	Illiterate	7571	35.1	7200	33.4	7010	32.5	5983	27.7
	Literate	14019	64.9	14334	66.6	14590	67.5	15644	72.3
Zone	South	11990	55.5	11934	55.4	12000	55.6	12000	55.5
	North	9600	44.5	9600	44.6	9600	44.4	9627	44.5
Age group	<20	3406	15.8	3075	14.3	3028	14.0	2846	13.2
	20-24	11337	52.5	11435	53.1	11473	53.1	11814	54.6
	25-29	5385	24.9	5473	25.4	5489	25.4	5593	25.9
	30-34	1150	5.3	1239	5.8	1306	6.0	1106	5.1
	35+	312	1.4	312	1.4	304	1.4	268	1.2
Age group	<25 years	14743	68.3	14510	67.4	14501	67.1	14660	67.8
	25+ years	6847	31.7	7024	32.6	7099	32.9	6967	32.2
Occupation	Agricultural and unskilled worker	13337	61.8	12819	59.5	12658	58.6	12039	55.7
	Truck/Auto/Taxi driver and cleaner	2325	10.8	2528	11.7	2578	11.9	2281	10.5
	Industrial and factory worker	1694	7.8	1673	7.8	1786	8.3	1575	7.3
	Hotel staff	593	2.7	681	3.2	816	3.8	745	3.4
	Service class people	1116	5.2	1250	5.8	1243	5.8	1209	5.6
	Businessmen	2276	10.5	2387	11.1	2338	10.8	2759	12.8
	Unemployed	201	0.9	174	0.8	160	0.7	282	1.3
	Student	48	0.2	22	0.1	20	0.1	10	0.0
Total		21590	--	21534	--	21599	--	21627	--

Table 2 HIV prevalence by profile of ANC attendees

		2003		2004		2005		2006	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total		21590	1.46	21534	1.52	21600	1.34	21627	1.13
District Name	Bangalore (Rural)	800	1.88	800	2.50	800	0.88	800	0.50
	Bangalore (Urban)	800	1.38	800	0.63	800	0.50	800	1.38
	Bagalkot	800	3.13	800	2.63	800	2.88	800	2.13
	Bellary	800	1.63	800	1.13	800	0.88	800	1.50
	Belgaum	800	4.50	800	4.25	800	3.63	800	3.13
	Bidar	800	1.38	800	0.88	800	0.88	800	0.88
	Bijapur	800	1.63	800	1.38	800	2.13	811	1.23
	Chamarajnagar	790	0.51	800	1.00	800	1.63	800	1.38
	Chikmagalur	800	0.50	734	0.95	800	0.88	800	1.50
	Chitradurga	800	0.38	800	0.75	800	0.63	800	0.25
	Davangere	800	0.88	800	2.13	800	1.38	800	1.38
	Gadag	800	0.88	800	1.13	800	1.13	800	0.88
	Gulbarga	800	1.63	800	2.25	800	2.63	800	0.88
	Hassan	800	0.75	800	1.00	800	1.38	800	2.38
	Haveri	800	1.38	800	0.63	800	0.38	800	0.63
	Dharwad	800	3.00	800	2.88	800	2.63	800	0.88
	Uttara Kannada (Karwar)	800	1.00	800	1.38	800	0.75	816	1.35
	Kolar	800	1.00	800	0.75	800	0.75	800	0.75
	Koppal	800	4.13	800	3.00	800	2.88	800	1.63
	Mandya	800	1.13	800	1.13	800	1.00	800	0.25
	Kodagu (Coorg)	800	0.25	800	0.75	800	0.75	800	0.50
	Mangalore (Dakshina Kannada)	800	0.88	800	1.38	800	0.38	800	0.75
	Mysore	800	0.50	800	2.38	800	1.13	800	1.00
	Raichur	800	1.63	800	1.13	800	1.63	800	1.38
	Shimoga	800	0.75	800	0.50	800	0.88	800	0.50
	Tumkur	800	1.88	800	1.50	800	1.00	800	0.75
	Udupi	800	0.88	800	1.00	800	0.63	800	0.75
Locality	Urban	7992	1.46	8461	1.62	8155	1.53	7866	1.25
	Rural	13598	1.46	13073	1.45	13444	1.22	13761	1.06
ANC/FRU	DH	10800	1.33	10800	1.50	10800	1.54	10800	1.37
	FRU	10790	1.58	10734	1.54	10800	1.14	10827	0.89
Education status	Illiterate	7571	1.92	7200	1.72	7010	1.90	5983	1.35
	Literate	14019	1.21	14334	1.42	14590	1.07	15644	1.04
Zone	South	11990	0.90	11934	1.22	12000	0.92	12000	0.93
	North	9600	2.16	9600	1.89	9600	1.86	9627	1.37
Age group	<20	3406	1.41	3075	1.27	3028	1.52	2846	1.02
	20-24	11337	1.39	11435	1.45	11473	1.19	11814	1.02
	25-29	5385	1.62	5473	1.61	5489	1.49	5593	1.27
	30-34	1150	1.30	1239	2.42	1306	1.38	1106	1.90
	35+	312	2.24	312	1.28	304	1.97	268	1.12
Age group	<25 years	14743	1.40	14510	1.41	14501	1.26	14660	1.02
	25+ years	6847	1.59	7024	1.74	7099	1.49	6967	1.36
Occupation	Agricultural and unskilled worker	13337	1.41	12819	1.44	12658	1.34	12039	0.97
	Truck/Auto/Taxi driver and cleaner	2325	2.32	2528	2.22	2578	1.86	2281	1.36
	Industrial and factory worker	1694	1.30	1673	1.43	1786	1.23	1575	0.89
	Hotel staff	593	1.69	681	1.62	816	1.47	745	0.81
	Service class people	1116	1.25	1250	1.12	1243	1.53	1209	1.65
	Businessmen	2276	0.97	2387	1.34	2338	0.81	2759	1.63
	Unemployed	201	1.99	174	3.45	160	0.00	282	1.06
	Student	48	2.08	22	0.00	20	0.00	10	0.00

Table 3 Syphilis prevalence by profile of ANC attendees

		2003		2004		2005		2006	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total		21590	1.70	21534	1.17	21600	0.84	21627	0.37
District Name	Bangalore (Rural)	800	0.13	800	0.00	800	0.50	800	0.75
	Bangalore (Urban)	800	1.38	800	1.25	800	0.38	800	0.50
	Bagalkot	800	9.50	800	11.75	800	8.13	800	0.00
	Bellary	800	0.25	800	0.00	800	0.25	800	0.50
	Belgaum	800	1.00	800	0.00	800	0.00	800	0.00
	Bidar	800	3.00	800	0.75	800	0.50	800	0.88
	Bijapur	800	0.75	800	0.38	800	0.63	811	0.99
	Chamarajnagar	790	0.38	800	0.00	800	0.25	800	0.00
	Chikmagalur	800	0.38	734	0.14	800		800	0.00
	Chitradurga	800	0.38	800	0.13	800	0.50	800	0.13
	Davangere	800	2.75	800	0.75	800	0.25	800	0.13
	Gadag	800	0.25	800	0.25	800	0.25	800	0.13
	Gulbarga	800	4.75	800	3.63	800	1.25	800	1.25
	Hassan	800	0.25	800	0.25	800		800	0.00
	Haveri	800	1.13	800	0.25	800	0.75	800	0.00
	Dharwad	800	1.13	800	1.38	800	0.63	800	0.13
	Uttara Kannada (Karwar)	800	2.75	800	0.75	800	0.38	816	0.86
	Kolar	800	1.63	800	0.25	800	0.75	800	0.13
	Koppal	800	8.75	800	5.63	800	4.13	800	1.13
	Mandya	800	3.13	800	2.13	800	1.63	800	0.75
	Kodagu (Coorg)	800	0.13	800	0.38	800	0.00	800	0.50
	Mangalore (Dakshina Kannada)	800	0.25	800	0.25	800	0.25	800	0.00
	Mysore	800	1.00	800	0.50	800	0.63	800	0.00
	Raichur	800	0.25	800	0.00	800	0.00	800	0.63
	Shimoga	800	0.13	800	0.25	800	0.00	800	0.50
	Tumkur	800	0.50	800	0.38	800	0.63	800	0.00
	Udupi	800	0.00	800	0.00	800	0.00	800	0.25
Locality	Urban	7992	1.84	8461	1.48	8155	1.01	7866	0.52
	Rural	13598	1.62	13073	0.96	13444	0.74	13761	0.29
ANC/FRU	DH	10800	1.21	10800	0.80	10800	0.72	10800	0.35
	FRU	10790	2.19	10734	1.54	10800	0.95	10827	0.40
Education status	Illiterate	7571	2.09	7200	1.36	7010	1.18	5983	0.55
	Literate	14019	1.49	14334	1.07	14590	0.67	15644	0.31
Zone	South	11990	0.83	11934	0.44	12000	0.38	12000	0.24
	North	9600	2.79	9600	2.06	9600	1.41	9627	0.54
Age group	<20	3406	1.64	3075	0.75	3028	0.66	2846	0.46
	20-24	11337	1.67	11435	1.27	11473	0.83	11814	0.35
	25-29	5385	1.82	5473	1.28	5489	0.95	5593	0.34
	30-34	1150	1.57	1239	1.05	1306	0.84	1106	0.72
	35+	312	1.92	312	0.00	304	0.99	268	0.00
Age group	<25 years	14743	1.66	14510	1.16	14501	0.79	14660	0.37
	25+ years	6847	1.78	7024	1.18	7099	0.93	6967	0.39
Occupation	Agricultural and unskilled worker	13337	1.63	12819	0.98	12658	0.92	12039	0.35
	Truck/Auto/Taxi driver and cleaner	2325	2.24	2528	1.31	2578	1.01	2281	0.48
	Industrial and factory worker	1694	1.71	1673	1.08	1786	0.39	1575	0.44
	Hotel staff	593	2.02	681	1.32	816	0.25	745	0.40
	Service class people	1116	1.43	1250	1.12	1243	0.48	1209	0.50
	Businessmen	2276	1.58	2387	2.09	2338	0.98	2759	0.33
	Unemployed	201	1.99	174	1.15	160	0.63	282	0.00
	Student	48	0.00	22	0.00	20	0.00	10	0.00

**Ecological analysis of Differential trends in HIV
among ANC attendees**

Differential Trends in HIV Prevalence among ANC Clinic Attenders in Karnataka by Intensity of District-Level Intervention: an Ecological Analysis

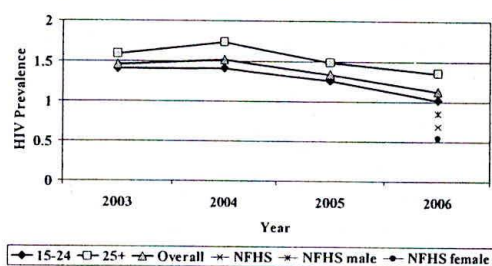
Focus of the Present Analysis

- Examine trends over time in HIV prevalence from annual HIV surveillance conducted among antenatal clinic (ANC) attenders in Karnataka from 2003 to 2006
- Use a multivariate model and generalized estimating equations to compare trends in HIV prevalence between 18 districts with an intensive preventive intervention (IPI) and the other 9 districts with a less intensive preventive intervention, controlling for district HIV prevalence at baseline, rural/urban location and other factors.

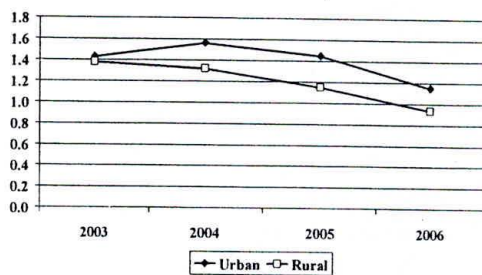
Distribution of ANC Attenders by Type of Site, Karnataka (27 Districts)

Year	Number	DH	FRU
2001	3997	3997	0
2002	11600	10000	1600
2003	21590	10800	10790
2004	21534	10800	10734
2005	21600	10800	10800
2006	21627	10800	10827

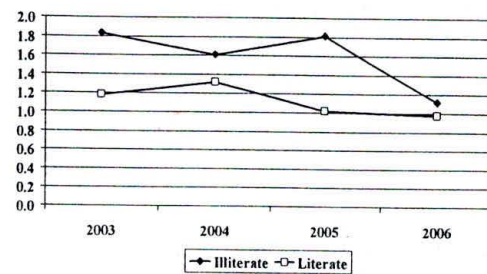
HIV Prevalence among ANC Clinic Attenders by Age in Karnataka



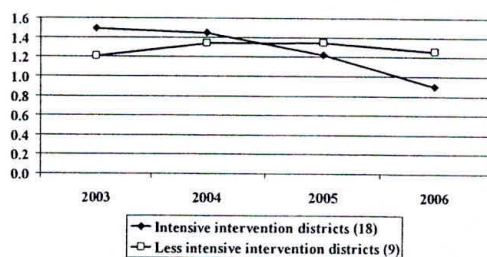
HIV Prevalence among ANC Attenders < 25 Years by Locality



HIV Prevalence among ANC Attenders < 25 Years by Literacy



HIV Prevalence among ANC Attenders < 25 Years by Intervention Area



Multivariate Model of Trends in HIV Prevalence Among ANC Attenders < 25

- Logistic regression with General Estimating Equations (GEE) was used (STATA, stgee-logit)
- All records among women under 25 from all 54 ANC sites were included, from 2003-2006
- Variables included in the final model were:
 - type of site (DH/FRU)
 - locality (rural/urban)
 - HIV prevalence per district in 2003 (pre-intervention)
 - District group (by intensive/less intensive)
 - Interaction between year and program
 - Literacy (literate/non-literate)
 - Term for centering the year

Results of Multivariate Model

Parameter	Adjusted odds ratio	95% CI	P value
FRU	0.79	0.67-0.94	0.008
Rural location	0.87	0.73-1.04	0.12
Literate	0.79	0.66-0.95	0.01
Trend over time by district group (intensive/less intensive)	0.79	0.63-0.98	0.03

Adjusted HIV Prevalence Per Year from Multivariate Model

Year	Intensive Intervention Districts	Less Intensive Intervention Districts
2003	1.48% (1.46-1.50%)	1.15% (1.11-1.19%)
2004	1.46% (1.44-1.49%)	1.26% (1.23-1.29%)
2005	1.21% (1.19-1.24%)	1.44% (1.41-1.47%)
2006	0.93% (0.92-0.95%)	1.24% (1.20-1.27%)
Overall Decline	37%	No decline

Summary of Results from ANC Surveillance Data, 2003-2006 (1)

- Decline in HIV prevalence overall, from 1.5% to 1.1%, with decline in 15-24 year olds from 1.4% to 1.0%
- Decline in HIV prevalence in intensive intervention districts from 1.6% to 1.1%; little change in other districts
- Decline in HIV prevalence among 15-24 year olds in intensive intervention districts from 1.49% to 0.9% (37% decline)

Summary of Results from ANC Surveillance Data, 2003-2006 (2)

- In a multivariate model, controlling for district-wise HIV prevalence at baseline (2003), the decline over time in HIV prevalence in the intensive intervention districts was greater than in the less intensive intervention districts (adjusted mean difference of 1.2 fold per year, $P=0.03$).
- A reduction in HIV prevalence of 0.4% among the ANC population in Karnataka would reduce the number of HIV positive newborns by as much as 1,500 or more per year, which is much greater than even the most optimistic estimates from PPTCT programs.

IBBA among ANC Attendees

Table 1: Profile of the respondents - IBBA ANC, Karnataka

		BANGALORE	BELGAUM	BELLARY	MYSORE	SHIMOGA	All Total
Total		1059	1108	1135	1014	1004	5320
Age	<20	14.4	18.1	21.1	31.2	14.5	19.8
	20-24	58.6	52.4	50.8	50.1	53.1	53.0
	25-29	22.8	22.2	22.5	15.1	27.2	22.0
	30-34	2.7	4.7	3.8	2.3	4.1	3.5
	35+	0.8	1.0	1.5	1.1	0.7	1.0
	Missing	0.6	1.6	0.3	0.3	0.4	0.6
Age	<20	14.4	18.1	21.1	31.2	14.5	19.8
	20-29	81.4	74.6	73.3	65.2	80.3	75.0
	30+	3.6	5.7	5.3	3.4	4.8	4.6
	Missing	0.6	1.6	0.3	0.3	0.4	0.6
	Mean age of the respondent	22.6	22.4	22.2	21.5	22.9	22.3
Education status	Illiterate	13.5	31.0	47.1	19.2	10.9	24.9
	Literate, primary	6.4	37.2	3.5	8.8	6.4	12.7
	Middle	20.7	21.9	20.0	21.4	26.4	22.0
	High school	39.5	7.3	19.8	37.4	42.7	28.8
	Secondary and above	19.1	0.5	7.4	12.5	12.5	10.2
	Missing	0.8	2.1	2.1	0.7	1.1	1.4
Age of spouse	<25	14.0	8.2	18.9	14.1	11.9	13.4
	25-29	43.3	49.5	43.0	44.7	42.2	44.6
	30-34	29.4	28.8	26.4	28.2	30.5	28.6
	35+	12.1	11.0	10.3	12.2	15.4	12.1
	Missing	1.2	2.4	1.4	0.8	0.0	1.2
	Mean age of spouse	28.6	28.6	27.9	28.4	29.1	28.5
Age difference between spouse	Spouse is older	0.4	0.0	0.3	0.6	1.7	0.6
	<5 years	33.8	17.6	30.9	19.5	30.5	26.5
	2-9 years	51.5	71.9	59.1	60.6	51.0	59.0
	10+ years	14.2	10.6	9.7	19.3	16.8	14.0
	Mean age gap between respondent and spouse	6.0	6.2	5.6	7.0	6.2	6.2
Education status	Illiterate	15.7	21.5	38.1	27.3	15.7	23.9
	Literate, primary	4.3	51.0	3.3	8.6	6.1	15.0
	Middle	15.1	17.9	15.1	12.9	19.5	16.1
	High school	39.6	5.3	24.9	29.9	41.0	27.7
	Secondary and above	23.7	2.0	11.6	19.5	16.4	14.4
	Missing	1.6	2.3	7.0	1.8	1.2	2.9
Pregnancy duration	First trimester	15.4	14.2	16.7	24.7	33.1	20.5
	Second trimester	47.1	39.4	39.0	51.0	28.1	40.9
	Third trimester	35.1	45.9	44.1	24.3	37.9	37.8
	Missing	2.4	0.5	0.1	0.1	0.9	0.8
Number of children have	0	39.8	40.9	20.9	59.8	29.6	37.9
	1	42.9	34.4	32.0	34.3	36.2	35.9
	2	9.5	16.0	13.3	4.0	8.4	10.4
	3+	1.4	3.4	4.4	0.4	1.2	2.2
	Missing	6.3	5.3	29.4	1.5	24.7	13.6
	Mean number children have	0.7	0.8	1.0	0.4	0.8	0.7
Locality	Localite	21.2	16.9	30.4	25.6	18.0	22.5
	Outside town, within district	28.0	68.6	48.1	56.1	59.3	52.0
	Outside district, within state	34.5	9.9	11.6	17.0	20.1	18.4
	Outside state	16.2	4.6	9.9	1.3	2.6	7.0
Duration of stay in the current place of residence	<1 year	13.9	14.0	7.5	30.9	19.5	16.8
	1-2 year	20.3	20.0	18.6	17.0	25.7	20.2
	3-4 years	11.6	16.9	16.5	17.5	17.4	16.0
	5-9 years	13.3	24.4	22.2	13.5	15.0	17.9
	10+ years	40.8	24.7	35.2	21.2	22.5	29.1
	Mean duration of stay in the current place of residence	122.6	89.6	112.5	73.6	79.8	96.2
Occupation of the respondent	Housewife	92.4	81.7	87.5	94.7	91.5	89.4
	Others	6.5	16.6	9.3	4.8	5.5	8.7
	Missing	1.0	1.7	3.2	0.5	3.0	1.9

Table 2: Sexual history of the respondents - IBBA ANC, Karnataka

		Bangalore	Belgaum	Bellary	Mysore	Shimoga	Total
Total		1059	1108	1135	1014	1004	5320
Age at first sex	<15	1.6	2.7	3.2	4.4	1.9	2.8
	15-19	50.8	61.9	64.4	62.2	39.7	56.1
	20-24	37.5	29.6	23.3	27.0	45.8	32.4
	25+	8.3	2.9	4.3	5.3	12.1	6.5
	Missing	1.8	2.9	4.8	1.0	0.5	2.3
Mean age at first sex		19.8	18.8	18.5	18.9	20.5	19.3
Number sex partners in lifetime	1	98.0	96.8	94.5	98.3	99.5	97.4
	2+	0.3	0.4	0.7	0.3	0.0	0.3
	Missing	1.7	2.8	4.8	1.4	0.5	2.3
Mean number of partners		1.0	1.0	1.0	1.5	1.0	1.1
Ever seen condom		17.3	9.8	2.5	21.6	38.4	17.4
Ever used condom		11.0	4.3	2.5	13.3	10.2	8.1
Condom use at last sex with husband		0.8	0.3	0.6	1.2	0.3	0.6

Table 3: Condom use among ANC attendees

		Percent		
		Ever seen condom	Ever used condom	Used condom at last sex with husband
	Number			
Age				
<20	1055	11.3	2.9	0.3
20-24	2820	17.1	8.0	0.7
25-29	1168	22.4	11.9	0.5
30-34	188	28.2	16.5	2.2
35+	55	9.1	5.5	0.0
Missing	34	11.8	2.9	0.0
# of children have				
0	2015	17.3	5.7	0.2
1	1909	20.8	10.8	1.1
2	554	13.7	8.5	0.7
3+	119	10.1	7.6	0.8
Missing	723	12.7	7.5	0.3
Age of spouse				
<25	715	10.5	3.6	0.1
25-29	2373	16.5	6.8	0.6
30-34	1522	20.5	10.2	0.7
35+	646	22.6	13.5	0.8
Missing	64	0.0	0.0	0.0
Education				
Illiterate	1271	7.6	3.7	0.6
Literate, primary	796	14.7	5.5	0.6
Middle	856	16.0	5.6	0.1
High school	1476	22.5	10.8	0.8
Secondary and above	768	29.2	15.8	0.8
Missing	153	11.8	6.5	0.9
Total	5320	17.4	8.1	0.6

Table 4: Characteristics of the spouse (Currently married) - IBBA ANC, Karnataka

		Bangalore	Belgaum	Bellary	Mysore	Shimoga	Total
Total		1001	1058	1058	992	922	5031
Frequency of travel	Never	89.7	79.6	93.1	82.3	91.5	87.2
	Daily	3.7	8.5	2.4	6.6	4.4	5.1
	Weekly	2.6	2.9	2.1	5.2	2.7	3.1
	Monthly	2.8	2.6	1.8	2.1	0.8	2.0
	Once in a while	1.2	6.3	0.7	3.8	0.5	2.6
Type of travel	Never	90.0	80.0	93.1	82.2	91.7	87.3
	Alone	9.1	16.7	6.8	14.8	7.3	11.0
	With spouse	0.5	0.6	0.1	2.7	0.7	0.9
	With family member	0.4	2.7	0.0	0.3	0.3	0.8
Place travel	Never	89.6	79.8	93.1	82.2	91.5	87.2
	Within district	7.7	16.1	5.8	10.4	6.0	9.3
	Outside district	1.2	2.1	0.8	7.2	2.0	2.6
	Outside state	1.5	2.0	0.4	0.3	0.5	1.0
Noticed an STI in husband during the last 3 weeks		5.6	3.5	1.9	2.6	3.8	3.5
Husband ever had sex with person other	Never	92.5	91.5	60.8	79.7	84.9	81.7
	Occasionally or	1.5	1.8	2.4	3.9	1.3	2.2
	Dont know	6.0	6.7	36.8	16.4	13.8	16.1

Table 5: Profile of the respondents by HIV and STI prevalence- IBBA ANC, Karnataka

		Total	HIV	CT	NG	Syphilis
Total		5029	1.43	1.89	1.47	0.22
District Name	Bangalore	993	0.91	2.53	3.14	0.40
	Mysore	998	1.10	1.69	0.80	0.22
	Bellary	974	1.03	1.06	1.84	0.10
	Belgaum	1066	3.10	2.98	0.99	0.28
	Shimoga	998	0.90	1.22	0.61	0.10
Age	<20	997	1.30	2.09	2.39	0.21
	20-24	2677	1.16	1.72	1.24	0.11
	25-29	1102	1.72	1.92	1.28	0.28
	30-34	181	2.76	2.22	0.56	1.11
	35+	53	7.55	2.00	4.00	1.89
	Missing	19	0.00	11.11	0.00	0.00
Age	<20	997	1.30	2.09	2.39	0.21
	20-29	3779	1.32	1.78	1.25	0.16
	30+	234	3.85	2.17	1.30	1.29
	Missing	19	0.00	11.11	0.00	0.00
Education status	Illiterate	1229	1.87	2.45	1.23	0.33
	Literate, primary	642	2.34	1.43	1.43	0.16
	Middle	1112	1.44	1.98	1.89	0.18
	High school	1470	1.09	1.56	1.42	0.28
	Secondary and above	520	0.19	1.34	1.15	0.00
	Missing	56	1.79	7.27	3.64	0.00
Age of spouse	<25	667	1.95	1.93	2.96	0.00
	25-29	2247	1.38	1.56	1.12	0.23
	30-34	1446	0.76	1.94	1.25	0.28
	35+	620	2.58	2.77	1.30	0.33
	Missing	49	2.04	4.35	6.52	0.00
Age difference between spouse	Spouse is older	28	0.00	0.00	0.00	0.00
	<5 years	1314	1.45	1.23	1.54	0.23
	2-9 years	2926	1.64	2.11	1.40	0.28
	10+ years	706	0.57	1.99	1.42	0.00
Education status	Illiterate	1188	1.77	2.18	1.26	0.17
	Literate, primary	770	2.34	1.60	1.07	0.39
	Middle	820	1.22	2.21	2.09	0.12
	High school	1402	1.00	1.57	1.14	0.29
	Secondary and above	722	0.83	1.78	1.64	0.14
	Missing	127	2.36	3.10	4.65	0.00
Pregnancy duration	First trimester	1043	0.67	1.05	0.86	0.19
	Second trimester	2067	1.40	1.66	1.95	0.20
	Third trimester	1880	1.91	2.55	1.27	0.27
	Missing	39	0.00	5.56	2.78	0.00
Number of children have	0	1948	1.23	1.75	1.60	0.16
	1	1827	1.75	1.89	1.06	0.28
	2	514	1.36	2.90	1.35	0.00
	3+	115	1.74	2.63	0.88	0.88
	Missing	625	1.12	1.39	2.47	0.32
Locality	Localite	1124	1.33	2.32	1.16	0.18
	Outside town, within district	2637	1.74	1.75	1.22	0.23
	Outside district, within state	928	0.65	1.73	2.48	0.22
	Outside state	340	1.47	2.03	1.74	0.29
Duration of stay in the current place of residence	<1 year	854	1.17	1.98	1.86	0.00
	1-2 year	993	1.21	1.41	2.02	0.20
	3-4 years	790	2.03	1.16	1.28	0.00
	5-9 years	882	1.81	2.50	1.14	0.46
	10+ years	1431	1.26	2.02	1.19	0.35
Occupation of the respondent	Housewife	4507	1.46	1.87	1.53	0.23
	Others	445	1.12	1.83	0.92	0.23
	Missing	77	1.30	3.75	1.25	0.00
Age at first sex	<15	143	2.10	4.96	0.71	0.77
	15-19	2844	1.55	1.93	1.72	0.14
	20-24	1654	0.85	1.45	1.15	0.24
	25+	332	2.71	2.40	1.50	0.60
	Missing	56	3.57	2.56	0.00	0.00
Number sex partners in lifetime	1	4953	1.33	1.85	1.47	0.21
	2+	17	29.41	11.76	5.88	5.88
	Missing	59	1.69	2.44	0.00	0.00
Ever seen condom	Yes	903	0.66	1.45	0.89	0.22
	No	3970	1.56	2.01	1.56	0.23
	Missing	156	2.56	1.47	2.94	0.00
Ever used condom	Yes	414	1.45	1.20	0.96	0.48
	No	4526	1.41	1.96	1.52	0.20
	Missing	89	2.25	1.41	1.41	0.00
Condom use at last sex with husband	Yes	28	0.00	3.33	0.00	0.00
	No	4921	1.42	1.89	1.46	0.21

Table 6: Characteristics of the spouse (Currently married) and HIV and STI prevalence - IBBA ANC, Karnataka

		Total	HIV	CT	NG	Syphilis
Total		4812	1.35	1.85	1.41	0.23
Frequency of travel	Never	4192	1.22	1.69	1.48	0.22
	Daily	243	1.65	3.33	0.42	0.00
	Weekly	153	3.27	3.95	0.66	0.67
	Monthly	97	5.15	2.00	2.00	1.03
	Once in a while	127	0.00	1.57	1.57	0.00
Type of travel	Never	4192	1.22	1.69	1.48	0.22
	Alone	531	2.82	3.00	1.13	0.38
	With spouse	43	0.00	2.33	0.00	0.00
	With family member other than spouse	37	0.00	2.86	0.00	0.00
Place travel	Never	4192	1.22	1.69	1.48	0.22
	Within district	446	1.57	3.36	0.45	0.23
	Outside district but within state	128	6.25	0.78	2.34	0.79
	Outside state	45	0.00	4.44	2.22	0.00
Noticed an STI in husband during the last 3 weeks	Yes	162	0.62	2.38	1.79	0.62
	No	4643	1.42	1.81	1.40	0.20
Husband ever had sex with person other than respondent	Never	3940	1.19	1.85	1.24	0.21
	Occasionally or regularly	107	7.48	3.70	1.85	0.94
	Dont know	760	1.58	1.46	2.25	0.27

Table 11: Profile of the respondents by HIV and STI prevalence- IBBA ANC, Karnataka

		District Name														
		Bangalore					Mysore					Bellary				
		Total	HIV	CT	NG	Syphilis	Total	HIV	CT	NG	Syphilis	Total	HIV	CT	NG	Syphilis
Total		993	0.91	2.53	3.14	0.40	998	1.10	1.69	0.80	0.22	974	1.03	1.06	1.84	0.10
Age	<20	138	2.17	2.78	6.25	0.72	312	0.96	2.23	0.96	0.00	205	0.49	1.36	3.17	0.49
	20-24	587	0.51	2.40	2.91	0.17	498	0.80	1.19	0.60	0.22	497	0.60	0.76	0.95	0.00
	25-29	226	1.33	2.75	2.29	0.44	151	1.99	1.99	1.32	0.00	218	1.83	0.87	2.16	0.00
	30-34	28	0.00	3.45	0.00	3.57	23	0.00	4.35	0.00	0.00	38	0.00	2.50	0.00	0.00
	35+	9	0.00	0.00	0.00	0.00	11	9.09	0.00	0.00	9.09	15	13.33	6.67	13.33	0.00
	Missing	5	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00
Age	<20	138	2.17	2.78	6.25	0.72	312	0.96	2.23	0.96	0.00	205	0.49	1.36	3.17	0.49
	20-29	813	0.74	2.49	2.74	0.25	649	1.08	1.38	0.76	0.17	715	0.98	0.79	1.32	0.00
	30+	37	0.00	2.63	0.00	2.70	34	2.94	2.94	0.00	3.03	53	3.77	3.64	3.64	0.00
	Missing	5	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00
Education status	Illiterate	133	0.75	3.23	2.42	0.75	192	1.04	2.59	1.55	1.24	460	1.52	0.83	1.45	0.00
	Literate, primary	59	3.39	3.17	3.17	0.00	86	1.16	1.15	1.15	0.00	33	0.00	0.00	2.86	0.00
	Middle	211	0.95	4.76	5.71	0.47	213	1.41	1.86	0.47	0.00	189	1.06	1.46	1.46	0.00
	High school	394	0.76	1.52	2.28	0.51	373	1.34	1.60	0.80	0.00	198	0.00	0.95	2.86	0.51
	Secondary and above	188	0.53	1.59	2.65	0.00	127	0.00	0.79	0.00	0.00	74	0.00	0.00	0.00	0.00
	Missing	8	0.00	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00	20	5.00	9.09	9.09	0.00
Age of spouse	<25	135	2.22	4.38	8.76	0.00	142	1.41	2.80	0.70	0.00	181	0.55	0.51	3.06	0.00
	25-29	431	0.93	0.93	2.09	0.46	441	0.91	1.34	0.22	0.00	419	0.72	0.90	1.35	0.24
	30-34	295	0.34	3.13	2.43	0.34	283	0.35	1.41	1.41	0.39	258	0.78	1.45	1.09	0.00
	35+	120	0.83	4.96	2.48	0.83	124	3.23	1.63	1.63	0.87	102	2.94	1.87	0.93	0.00
	Missing	12	0.00	0.00	0.00	0.00	8	0.00	12.50	0.00	0.00	14	7.14	0.00	21.43	0.00
Age difference between spouse	Spouse is older	4	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00
	<5 years	337	1.48	2.16	3.40	0.30	193	1.04	0.51	1.03	0.00	294	1.02	0.63	1.27	0.00
	2-9 years	501	0.80	1.97	3.15	0.60	600	1.33	2.31	0.66	0.37	566	0.88	1.34	2.01	0.18
	10+ years	139	0.00	5.67	2.84	0.00	192	0.52	0.52	1.05	0.00	97	1.03	0.98	0.00	0.00
Education status	Illiterate	151	0.66	5.26	3.95	0.00	273	2.20	1.46	1.46	0.84	373	1.88	1.02	1.02	0.00
	Literate, primary	43	2.33	0.00	0.00	0.00	86	0.00	0.00	0.00	0.00	29	0.00	3.03	6.06	0.00
	Middle	152	0.00	2.68	4.70	0.66	129	0.78	3.08	3.08	0.00	150	0.00	1.23	0.62	0.00
	High school	401	1.25	2.02	2.27	0.75	297	0.34	1.67	0.00	0.00	240	0.42	0.78	1.56	0.00
	Secondary and above	230	0.43	2.16	3.88	0.00	195	1.54	1.53	0.00	0.00	114	0.00	0.00	1.67	0.88
	Missing	16	6.25	0.00	0.00	0.00	18	0.00	5.56	0.00	0.00	68	2.94	2.78	8.33	0.00
Pregnancy duration	First trimester	159	0.63	1.27	1.27	0.00	247	0.81	1.62	0.40	0.00	160	2.50	0.00	3.53	0.00
	Second trimester	464	1.08	2.17	4.56	0.43	506	1.38	0.98	0.98	0.22	393	1.02	0.73	1.46	0.25
	Third trimester	347	0.86	3.45	2.01	0.58	244	0.82	3.27	0.82	0.45	420	0.48	1.77	1.55	0.00
	Missing	23	0.00	4.76	4.76	0.00	1	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00
Number of children have	0	391	1.02	1.01	4.05	0.26	594	1.01	2.00	0.83	0.18	223	0.45	0.43	0.86	0.45
	1	434	0.69	3.05	2.35	0.46	345	1.45	1.16	0.58	0.32	321	2.18	1.52	0.91	0.00
	2	95	1.05	5.21	2.08	0.00	40	0.00	2.50	0.00	0.00	123	0.81	1.50	3.01	0.00
	3+	15	0.00	0.00	0.00	0.00	4	0.00	0.00	25.00	0.00	46	0.00	0.00	0.00	0.00
	Missing	58	1.72	5.36	5.36	1.72	15	0.00	0.00	0.00	0.00	261	0.38	1.03	3.42	0.00
Locality	Localite	215	0.00	1.89	1.89	0.00	256	1.17	2.72	1.17	0.00	291	1.37	1.29	0.96	0.34
	Outside town, within district	280	1.07	3.21	3.21	1.07	561	1.07	1.60	0.53	0.20	466	0.86	1.20	1.80	0.00
	Outside district, within state	337	0.89	2.38	4.17	0.30	168	1.19	0.58	1.17	0.62	116	0.00	0.00	4.24	0.00
	Outside state	161	1.86	2.52	2.52	0.00	13	0.00	0.00	0.00	0.00	101	1.98	0.93	1.87	0.00
Duration of stay in the current place of res	<1 year	134	2.99	2.21	5.88	0.00	309	0.32	2.26	1.29	0.00	76	0.00	0.00	2.41	0.00
	1-2 year	201	1.00	2.05	4.10	0.50	166	1.20	1.78	0.59	0.00	170	0.59	0.53	2.14	0.00
	3-4 years	110	0.91	3.64	2.73	0.00	174	1.15	0.00	0.57	0.00	160	1.88	0.00	1.82	0.00
	5-9 years	131	0.76	3.03	2.27	0.76	133	1.50	3.01	0.75	0.79	222	0.45	0.87	1.30	0.00
	10+ years	401	0.25	2.50	2.25	0.50	209	1.91	0.95	0.47	0.50	340	1.47	1.93	1.65	0.29
Occupation of the respondent	Housewife	917	0.87	2.30	3.40	0.44	944	1.06	1.79	0.74	0.12	853	0.94	1.10	1.87	0.12
	Others	66	1.52	6.06	0.00	0.00	49	2.04	0.00	2.04	2.13	96	1.04	0.00	1.02	0.00
	Missing	10	0.00	0.00	0.00	0.00	5	0.00	0.00	0.00	0.00	25	4.00	3.33	3.33	0.00

Table 11: Profile of the respondents by HI

	Belgaum					Shimoga				
	Total	HIV	CT	NG	Syphilis	Total	HIV	CT	NG	Syphilis
Total	1066	3.10	2.98	0.99	0.28	998	0.90	1.22	0.61	0.10
Age	196	2.04	2.75	1.10	0.00	146	1.37	1.38	2.07	0.00
	564	3.01	3.18	1.31	0.18	531	0.75	0.95	0.19	0.00
	237	3.38	3.06	0.00	0.42	270	0.37	1.14	0.76	0.37
	52	5.77	0.00	2.08	1.92	40	5.00	2.50	0.00	0.00
	11	9.09	0.00	0.00	0.00	7	0.00	0.00	0.00	0.00
	6	0.00	16.67	0.00	0.00	4	0.00	25.00	0.00	0.00
Age	196	2.04	2.75	1.10	0.00	146	1.37	1.38	2.07	0.00
	801	3.12	3.15	0.92	0.25	801	0.62	1.01	0.38	0.12
	63	6.35	0.00	1.79	1.59	47	4.26	2.13	0.00	0.00
	6	0.00	16.67	0.00	0.00	4	0.00	25.00	0.00	0.00
Education status	335	3.58	5.10	0.64	0.30	109	0.92	0.92	0.00	0.00
	400	3.00	1.56	1.30	0.25	64	0.00	0.00	0.00	0.00
	236	2.97	1.83	0.91	0.42	263	0.76	0.38	1.15	0.00
	80	2.50	4.00	1.33	0.00	425	1.41	1.42	0.47	0.24
	5	0.00	0.00	0.00	0.00	126	0.00	2.44	0.81	0.00
	10	0.00	10.00	0.00	0.00	11	0.00	10.00	0.00	0.00
Age of spouse	90	5.56	1.23	0.00	0.00	119	1.68	0.85	0.85	0.00
	534	3.18	3.38	1.19	0.19	422	0.71	0.97	0.72	0.24
	306	1.96	2.35	0.67	0.65	304	0.33	1.33	0.66	0.00
	121	4.13	3.60	1.80	0.00	153	1.96	1.97	0.00	0.00
	15	0.00	7.14	0.00	0.00	0	0.00	0.00	0.00	0.00
Age difference between spouse	0	0.00	0.00	0.00	0.00	17	0.00	0.00	0.00	0.00
	186	2.69	1.78	0.59	0.54	304	1.32	1.02	0.68	0.33
	752	3.59	3.20	0.70	0.27	507	0.79	1.39	0.80	0.00
	112	0.89	2.88	3.85	0.00	166	0.60	0.60	0.00	0.00
Education status	234	2.14	3.70	0.46	0.00	157	1.27	1.27	0.00	0.00
	551	3.09	2.10	1.15	0.54	61	0.00	0.00	0.00	0.00
	193	4.15	3.30	0.55	0.00	196	0.51	1.05	2.09	0.00
	55	3.64	7.55	1.89	0.00	409	1.22	0.75	0.50	0.24
	20	5.00	0.00	5.00	0.00	163	0.61	3.05	0.00	0.00
	13	0.00	7.69	0.00	0.00	12	0.00	0.00	0.00	0.00
Pregnancy duration	146	0.00	1.39	0.00	0.68	331	0.00	0.91	0.00	0.30
	424	2.83	3.32	1.02	0.00	280	0.36	1.08	1.44	0.00
	491	4.28	3.21	1.28	0.41	378	2.12	1.35	0.54	0.00
	5	0.00	0.00	0.00	0.00	9	0.00	11.11	0.00	0.00
Number of children have	444	2.25	2.85	1.19	0.00	296	1.01	1.71	1.03	0.00
	367	3.27	2.04	0.58	0.27	360	1.39	1.41	0.56	0.28
	172	2.33	4.24	0.61	0.00	84	1.19	0.00	0.00	0.00
	38	5.26	8.33	0.00	2.63	12	0.00	0.00	0.00	0.00
	45	11.11	2.38	4.76	2.22	246	0.00	0.82	0.41	0.00
Locality	185	2.70	5.45	1.21	0.54	177	1.69	1.14	0.57	0.00
	737	3.80	2.57	1.00	0.14	593	0.84	0.68	0.68	0.17
	105	0.00	1.94	0.97	0.00	202	0.50	2.51	0.50	0.00
	39	0.00	2.56	0.00	2.56	26	0.00	3.85	0.00	0.00
Duration of stay in the current place of res	148	1.35	2.10	1.40	0.00	187	1.60	2.15	0.00	0.00
	213	3.29	1.99	1.49	0.47	243	0.00	0.84	1.68	0.00
	179	4.47	3.05	1.22	0.00	167	1.20	0.00	0.61	0.00
	253	3.56	3.67	1.22	0.40	143	2.10	2.14	0.00	0.70
	266	2.63	3.24	0.00	0.38	215	0.47	0.94	0.47	0.00
Occupation of the respondent	880	3.52	3.00	0.96	0.34	913	0.99	1.22	0.67	0.11
	179	1.12	2.38	1.19	0.00	55	0.00	0.00	0.00	0.00
	7	0.00	14.29	0.00	0.00	30	0.00	3.33	0.00	0.00

**Regional Variations in Knowledge, Attitude,
Behavaviours and Prevalence of HIV and Other
STIs: Finding from GPS**

HIV/STI PREVALENCE AND RELATED BEHAVIOUR IN THE GENERAL POPULATION OF THREE KARNATAKA DISTRICTS

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26 February 2008

CHARME-INDIA

CONTEXT

- HIV prevalence in ANC sentinel sites:
 - Only represents sexually active women
 - Often overestimates population prevalence in moderate HIV epidemics
- HIV components now in many DHS surveys
- Useful at district level for community-based programs
- Essential in projects like CHARME, when assessing the population impact of targeted interventions

CHARME-INDIA

GPS WITHIN CHARME-INDIA METHODS (1)

- Six surveys (Mysore, Belgaum, Bellary, Guntur, Mumbai-slum, Mumbai non-slum)
- Target sample size of 6000 per district:
 - 3000 rural and 3000 urban (except Mumbai)
 - ~3000 men and 3000 women
- Age range 15-49
- Random selection of villages and urban blocks
- Community mobilization
- Complete census of the population
- Random sample based on a list of usual residents

CHARME-INDIA

GPS WITHIN CHARME-INDIA METHODS (2)

- Witnessed verbal consent
- Extensive face-to-face interview (FTFI)
- Blood, DBS and/or urine samples
- HIV, syphilis, NG and CT testing
- HSV-2 testing on a sub-sample
- Separate random sample of ~3000 for polling booth surveys (PBS)
 - 4 groups: unmarried men and women
 - married men and women

CHARME-INDIA

GPS PARTICIPATION IN BELGAUM AND MYSORE DISTRICTS

	Male	Female	Rural	Urban	Total
Mysore					
Total sampled	3000	2996	3000	2996	5996
Eligible for survey	2864	2868	2909	2823	5732
% interviewed	73.0	89.7	85.1	77.5	81.4
% with >= 1 bio spec.	67.2	79.0	77.8	68.3	73.1
Belgaum					
Total sampled	3039	2959	2998	3000	5998
Eligible for survey	2981	2897	2961	2917	5878
% interviewed	80.6	87.0	86.3	81.1	83.7
% with >= 1 bio spec.	75.9	80.7	82.7	73.8	78.3

CHARME-INDIA

SOME CHARACTERISTICS OF THE POPULATION COVERED IN THE GPS (1)

Mean age	29.2	29.0	29.7	30.1	29.5	30.0
Religion						
Hindu	80.6	79.0	91.9	90.6	85.8	85.7
Muslim	17.8	19.4	7.4	8.6	8.9	8.6
Jain	1.6	1.5	0.1	0.2	3.6	3.5
Other	0.1	0.3	0.7	0.7	1.6	2.1
Number of cases	2372	2577	2083	2570	2403	2519

CHARME-INDIA

DIS-325
12589



SOME CHARACTERISTICS OF THE POPULATION COVERED IN THE GPS (2)

Characteristics	Bagalkot, 2003		Mysore, 2005/06		Belgaum, 2007	
	Male	Female	Male	Female	Male	Female
Marital status						
Currently married	62.5	74.0	58.9	74.4	61.9	75.1
Separated	0.3	2.6	0.3	1.9	0.3	2.9
Deserted	0.0	0.6	0.1	0.0	0.1	0.7
Divorced	0.3	0.4	0.0	0.1	0.0	0.2
Widowed	0.5	6.6	0.2	4.6	0.2	5.1
Never married	36.5	15.4	40.6	19.0	37.5	16.1
Number of cases	2372	2577	2083	2570	2403	2519

CHARAN INDIA
RESEARCH & CONSULTING

PERCENTAGE OF NEVER MARRIED WHO HAD PRE-MARITAL SEX

Sex/Place of residence	Bagalkot, 2003	Mysore, 2005/06	Belgaum, 2007
Urban Male	3.4	7.6	5.8
Urban Female	0.0	0.9	0.8
Urban	2.2	4.9	4.1
Rural Male	6.3	8.4	6.0
Rural Female	0.0	0.2	1.2
Rural	4.7	5.7	4.6
Male	4.5	8.1	6.0
Female	0.0	0.5	1.1
Total	3.1	5.4	4.5

CHARAN INDIA
RESEARCH & CONSULTING

PERCENTAGE OF CURRENTLY MARRIED WHO HAD EXTRA-MARITAL SEX

Sex/Place of residence	Bagalkot, 2003	Mysore, 2005/06	Belgaum, 2007
Urban Male	17.8	5.9	4.4
Urban Female	1.6	0.2	0.1
Urban	8.6	2.4	2.0
Rural Male	19.8	9.6	6.5
Rural Female	1.3	0.0	0.6
Rural	9.6	3.9	3.2
Male	18.7	8.2	6.0
Female	1.5	0.1	0.5
Total	9.0	3.3	3.0

CHARAN INDIA
RESEARCH & CONSULTING

PERCENT OF RESPONDENTS WHO EVER HAD SEX WITH A NON-REGULAR PARTNER

Sex/Place of residence	Mysore, 2005/06	Belgaum, 2007
Urban Male	7.3	6.6
Urban Female	0.9	0.2
Urban	3.7	3.4
Rural Male	17.0	10.5
Rural Female	0.3	0.5
Rural	8.0	5.5
Male	13.2	9.6
Female	0.5	0.5
Total	6.3	4.9

CHARAN INDIA
RESEARCH & CONSULTING

PERCENT OF RESPONDENTS WHO EVER HAD SEX WITH MORE THAN ONE PARTNER

Sex/Place of residence	Bagalkot, 2003	Mysore, 2005/06	Belgaum, 2007
Urban Male	11.4	9.3	7.8
Urban Female	1.4	1.2	0.6
Urban	6.2	4.8	4.2
Rural Male	13.9	18.1	11.9
Rural Female	2.6	0.7	1.0
Rural	8.0	8.8	6.3
Male	12.5	14.6	10.9
Female	1.9	0.9	0.9
Total	7.0	7.2	5.8

CHARAN INDIA
RESEARCH & CONSULTING

PERCENT OF RESPONDENTS WHO EVER RECEIVED OR PAID MONEY FOR SEX

Sex/Place of residence	Bagalkot, 2003	Mysore, 2005/06	Belgaum, 2007
Urban Male	2.3	2.5	2.0
Urban Female	0.2	0.4	0.1
Urban	1.2	1.3	1.0
Rural Male	1.4	1.4	1.3
Rural Female	1.1	0.0	0.5
Rural	1.2	0.6	0.9
Male	1.9	1.8	1.5
Female	0.6	0.2	0.4
Total	1.2	0.9	0.9

CHARAN INDIA
RESEARCH & CONSULTING

PERCENT OF RESPONDENTS WHO EVER USED CONDOM (Among who ever had sex)

Sex/Place of residence	Bagalkot, 2003	Mysore, 2005/06	Belgaum, 2007
Urban Male	23.0	25.3	30.9
Urban Female	11.1	16.3	18.0
Urban	16.1	19.7	23.6
Rural Male	8.3	12.2	13.4
Rural Female	3.1	2.5	5.5
Rural	5.2	6.4	8.9
Male	16.5	17.1	17.4
Female	7.6	8.0	8.3
Total	11.3	11.6	12.2

CHARAN INDIYA

PERCENT OF RESPONDENTS WHO USED A CONDOM IN THEIR LAST SEX (Among who ever had sex)

Sex/Place of residence	Bagalkot, 2003	Mysore, 2005/06	Belgaum, 2007
Urban Male	4.7	8.0	9.6
Urban Female	2.6	3.5	4.9
Urban	3.4	5.2	7.0
Rural Male	1.8	3.1	4.2
Rural Female	0.4	2.9	1.3
Rural	1.0	3.0	2.5
Male	3.4	5.0	5.4
Female	1.6	3.1	2.1
Total	2.3	3.9	3.5

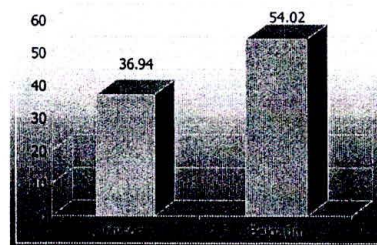
CHARAN INDIYA

PERCENTAGE USING CONDOM AT LAST SEX WITH A NON-REGULAR PARTNER (Among who had sex with non-regular partners)

Sex/Place of Residence	Mysore, 2005/06	Belgaum, 2007
Urban Male	9.6	12.9
Urban Female	(0/9)	(1/2)
Urban	8.4	13.7
Rural Male	12.3	19.5
Rural Female	(0/8)	(0/2)
Rural	12.1	18.5
Male	11.7	18.4
Female	(0/17)	(1/4)
Total	11.2	17.7

CHARAN INDIYA

PERCENTAGE USING CONDOM AT LAST SEX WITH A FEMALE SEX WORKER (Among those who had sex with a female sex worker)



CHARAN INDIYA

COMPARISON OF FTFI AND PBS FOR ELICITING SENSITIVE BEHAVIOURS AMONG UNMARRIED SUBJECTS IN THE MYSORE GPS

Year – 2005/06	Unmarried women		Unmarried men	
	FTFI (n=534)	PBS (n=545)	FTFI (n=882)	PBS (n=484)
Ever taken HIV test*	0.6%	2.5%	2.5%	4.5%
Vaginal (urethral) discharge last year	3.4%	20.9%	0.5%	7.9%
Genital ulcer last year	0.6%	7.7%	0.3%	7.6%
Ever seen a condom	30.3%	47.9%	67.5%	76.0%
Ever had heterosexual sex	0.6%	2.4%	8.3%	20.9%
Ever been paid / paid for sex	0.0%	0.6%	1.8%	6.2%
Ever had anal sex with a man	0.0%	0.6%	0.8%	6.6%

*Among those who have heard of HIV/AIDS

CHARAN INDIYA

COMPARISON OF FTFI AND PBS FOR ELICITING SENSITIVE BEHAVIOURS AMONG MARRIED SUBJECTS IN THE MYSORE GPS

Year – 2005/06	Married women		Married men	
	FTFI (n=2036)	PBS (n=575)	FTFI (n=1201)	PBS (n=409)
Ever taken HIV test*	6.1%	14.6%	3.1%	6.0%
Vaginal (urethral) discharge last year	3.5%	27.5%	0.1%	10.5%
Genital ulcer last year	0.8%	17.6%	0.1%	6.1%
Pre-/extra-marital sex ever	0.8%	10.3%	18.7%	35.9%
Ever been paid / paid for sex	0.3%	3.1%	2.3%	7.6%
Husband (wife) ever had extra-marital sex	10.3%	29.9%	0.5%	2.7%
Husband ever had sex with FSW	1.9%	12.4%	NA	
Ever had heterosexual anal sex	0.5%	4.4%	3.0%	5.6%
Ever had homosexual anal sex	NA		0.5%	5.4%

*Among those who have heard of HIV/AIDS

CHARAN INDIYA

COMPARISON OF FTFI AND PBS FOR ELICITING SENSITIVE BEHAVIOURS AMONG UNMARRIED SUBJECTS IN THE BELGAUM GPS

Year - 2007	Unmarried women		Unmarried men	
	FTFI (n=464)	PBS (n=631)	FTFI (n=947)	PBS (n=750)
Ever taken HIV test*	3.4%	3.0%	2.6%	8.3%
Vaginal (urethral) discharge last year	0.7%	17.1%	1.9%	16.5%
Genital ulcer last year	0.0%	5.4%	1.2%	13.2%
Ever seen a condom	17.0%	19.0%	75.7%	79.7%
Ever had heterosexual sex	1.1%	2.7%	5.6%	19.9%
Ever been paid / paid for sex	0.0%	0.2%	0.8%	8.5%
Ever had anal sex with a man	0.0%	0.5%	0.6%	4.9%

*Among those who have heard of HIV/AIDS

CHARAMINDIA

COMPARISON OF FTFI AND PBS FOR ELICITING SENSITIVE BEHAVIOURS AMONG MARRIED SUBJECTS IN THE BELGAUM GPS

Year - 2007	Married women		Married men	
	FTFI (n=2055)	PBS (n=715)	FTFI (n=1456)	PBS (n=707)
Ever taken HIV test*	19.5%	20.9%	8.5%	15.9%
Vaginal (urethral) discharge last year	2.3%	19.9%	0.6%	17.7%
Genital ulcer last year	0.2%	14.5%	0.4%	11.0%
Pre-/extra-marital sex ever	0.2%	9.1%	11.7%	35.1%
Ever been paid / paid for sex	0.2%	3.6%	2.1%	12.9%
Husband (wife) ever had extra-marital sex	5.9%	15.5%	0.1%	3.7%
Husband ever had sex with FSW	0.9%	7.3%	NA	
Ever had heterosexual anal sex	1.4%	7.8%	1.0%	5.4%
Ever had homosexual anal sex	NA		0.2%	5.9%

*Among those who have heard of HIV/AIDS

CHARAMINDIA

HIV PREVALENCE IN THE GENERAL POPULATION

Sex/Place of residence	Bagalkot, 2003	Mysore, 2005/06	Belgaum, 2007
Urban Male	2.86	1.06	0.69
Urban Female	1.92	0.84	0.58
Urban	2.38	0.94	0.63
Rural Male	3.96	0.93	1.48
Rural Female	3.23	0.51	1.90
Rural	3.59	0.71	1.69
Male	3.33	0.98	1.28
Female	2.46	0.65	1.58
Total	2.89	0.80	1.43

CHARAMINDIA

PREVALENCE OF ACTIVE SYPHILIS

Sex/Place of residence	Bagalkot, 2003	Mysore, 2005/06	Belgaum, 2007
Urban Male	0.50	1.69	0.00
Urban Female	0.20	0.99	0.24
Urban	0.30	1.31	0.12
Rural Male	0.60	1.87	0.13
Rural Female	0.50	0.90	0.91
Rural	0.60	1.39	0.52
Male	0.50	1.80	0.10
Female	0.30	0.94	0.75
Total	0.40	1.36	0.42

Note: In Bagalkot VDRL test was done, and in other RPR test was done

CHARAMINDIA

PREVALENCE OF CHLAMYDIA

Sex/Place of residence	Mysore, 2005/06	Belgaum, 2007
Urban Male	1.39	0.49
Urban Female	0.92	0.11
Urban	1.13	0.30
Rural Male	0.91	0.33
Rural Female	1.06	0.49
Rural	0.99	0.41
Male	1.10	0.37
Female	1.00	0.40
Total	1.05	0.38

CHARAMINDIA

PREVALENCE OF GONORRHOEA

- Only 5 cases (0.1%) in Mysore:
 - 4 Females and 1 Male;
 - 4 in Rural and 1 in Urban
- No case in Belgaum

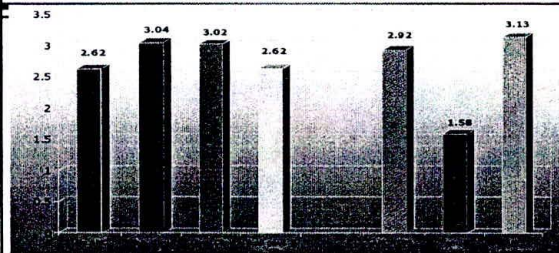
CHARAMINDIA

PREVALENCE OF HSV2

Sex/Place of residence	Mysore, 2005/06	Belgaum, 2007
Urban Male	7.98	4.00
Urban Female	11.01	11.53
Urban	9.56	7.54
Rural Male	9.64	11.43
Rural Female	13.83	27.96
Rural	11.80	19.87
Male	8.97	9.55
Female	12.67	24.29
Total	10.89	16.93

CHARMINDIA

COMPARISON OF HIV AMONG ANC WOMEN, BELGAUM DISTRICT



Number of cases: Sentinel Surveillance - 800, GPS - 306

CHARMINDIA

MYSORE GPS VARIABLES ASSOCIATED WITH HIV

- Among women
 - Increasing no. of partners (p for trend = 0.004)
 - Being separated or widowed (1.96% vs. 0.7% among married and 0% among single, p<0.001)
 - Anal sex: (4.93% vs. 0.53%, p=0.062)
- Among men
 - Increasing no. of partners (p for trend = 0.021)
 - Previous sex with a FSW (5.41% vs. 0.9%, p=0.032)

CHARMINDIA

GPS UTILITY AND LESSONS LEARNED (1)

- Participation rates vs. refusal rates
- Low population-based STI rates
- Heterogeneity of the HIV epidemics in Karnataka
 - ➔ need to adapt interventions to these variations
- Sentinel ANC prevalence overestimates true adult prevalence in Belgaum: not all adult women sexually active; age structure not the same in ANC vs. general population
- Crucial to obtain district-based data because district is the geographical unit for impact assessment with modelling

CHARMINDIA

GPS UTILITY AND LESSONS LEARNED (2)

- PBS improves behavioural information (note that, in Mysore, 6 cases of CT and 2 of NG reported no previous sex, confirming bias in FTFI)
- Behavioural data still to analyze in the GPS much more extensive than what is reported in other surveys
- PBS will be crucial for modelling impact of targeted interventions
- GPS: an important component of HIV surveillance

CHARMINDIA

THANKS!!!!

CHARMINDIA

Table 2.1: Percentage distribution of respondents who have ever heard of HIV/AIDS, according to selected background characteristics

Characteristic	Yes	No	Don't know	No answer/ Missing	Total percent	Number
<i>Place of residence</i>						
Rural	83.6	12.8	3.5	0.1	100	2555
Urban	87.7	10.0	2.3	0.0	100	2367
<i>Sex</i>						
Male	87.8	8.2	3.9	0.2	100	2403
Female	81.5	15.9	2.6	0.0	100	2519
<i>Age</i>						
15-19	91.5	7.0	1.5	0.0	100	887
20-24	86.3	10.8	2.8	0.2	100	849
25-29	88.7	10.0	1.3	0.0	100	767
30-34	82.6	14.5	2.9	0.0	100	656
35-39	83.3	14.8	1.8	0.1	100	757
40-44	77.5	12.6	9.6	0.3	100	492
45-49	75.7	18.2	5.9	0.3	100	514
<i>Marital status</i>						
Currently married	82.8	13.7	3.4	0.1	100	3295
Marriage dissolved	75.3	21.1	3.6	0.0	100	216
Never married	90.9	6.3	2.6	0.2	100	1411
<i>Literacy and education</i>						
Illiterate	69.2	23.9	6.7	0.2	100	1301
Primary	80.7	12.1	7.2	0.0	100	255
Middle	85.3	13.0	1.8	0.0	100	763
Secondary	92.2	5.4	2.1	0.4	100	359
Secondary+	96.4	3.1	0.4	0.1	100	2240
<i>Occupation</i>						
Cultivator	78.6	14.6	6.4	0.5	100	592
Agricultural labourer	85.3	12.5	2.2	0.0	100	171
Non-agricultural labourer	78.7	17.3	3.9	0.1	100	755
Business	91.1	5.8	3.1	0.0	100	650
Salaried employment	97.7	1.3	1.0	0.0	100	468
Housework	81.4	15.9	2.7	0.0	100	1594
Student	96.2	3.0	0.7	0.0	100	673
<i>Religion</i>						
Hindu	84.4	12.2	3.3	0.1	100	4019
Muslim	82.5	15.2	2.3	0.0	100	648
Jain	87.3	8.8	4.0	0.0	100	220
Other	99.4	0.6	0.0	0.0	100	35
<i>Caste/Tribe</i>						
Scheduled Caste	84.3	11.8	3.9	0.0	100	481
Scheduled Tribe	79.4	14.9	5.8	0.0	100	359
Other	85.2	11.8	2.9	0.1	100	4082
<i>Household SLI</i>						
Low	79.5	16.0	4.5	0.0	100	1362
Medium	82.4	14.0	3.5	0.1	100	1581
High	91.5	6.8	1.6	0.2	100	1970
<i>Total</i>	84.6	12.1	3.2	0.1	100	4922

Note: Total include cases with missing information on education, occupation and standard of living.

Belgaum District

Table 2.2: Percentage of respondents who have ever heard AIDS according to source of information

Source of information	Rural			Urban			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Radio	43.8	39.8	41.8	30.9	29.9	30.4	40.4	37.5	39.0
Television	69.8	58.4	64.1	77.6	84.6	80.8	71.8	64.7	68.3
Cinema	11.2	5.8	8.5	8.3	5.4	6.9	10.4	5.7	8.1
Newspapers/magazines	31.7	16.3	24.1	36.1	32.3	34.3	32.9	20.1	26.6
Posters/hoardings	19.5	8.2	13.9	13.4	13.9	13.6	17.9	9.6	13.8
Exhibition/mela	5.1	0.7	2.9	3.6	1.1	2.5	4.7	0.8	2.8
Adult education program	6.1	3.7	4.9	1.7	1.1	1.4	4.9	3.0	4.0
Health worker/ANM	11.6	11.4	11.5	5.4	7.5	6.4	10.0	10.5	10.2
NGO worker	9.9	3.3	6.6	6.4	1.2	4.0	9.0	2.8	6.0
Anganwadi worker	1.9	4.6	3.2	1.3	2.7	2.0	1.8	4.1	2.9
AIDS counselor	2.2	1.0	1.6	1.6	1.3	1.5	2.1	1.1	1.6
Friend/neighbor/colleague	57.2	64.1	60.6	51.5	53.1	52.2	55.7	61.5	58.5
Sexual partner	0.5	1.8	1.1	0.4	1.8	1.0	0.5	1.8	1.1
Community meetings	6.1	14.8	10.4	1.8	6.8	4.1	5.0	12.9	8.8
Workplace	2.0	2.3	2.2	1.7	2.8	2.2	1.9	2.4	2.2
Schools/teachers	19.2	13.9	16.6	18.4	21.5	19.9	19.0	15.7	17.4
Religious leaders	0.8	1.5	1.2	0.1	0.0	0.1	0.6	1.2	0.9
Political leaders	0.5	0.9	0.7	0.2	2.9	1.4	0.4	1.4	0.9
Other	4.7	1.6	3.2	4.6	1.9	3.4	4.7	1.7	3.2
Number	1,043	1,100	2,143	1,103	974	2,077	2,146	2,074	4,220

Percentages may add more than 100.0 due to multiple responses.

Table 2.3R: Percentage distribution of RURAL respondents who have ever heard of HIV/AIDS according to their perception of how HIV/AIDS is transmitted according to sex

Modes of transmission of HIV/AIDS	Male					Female				
	Yes		No	Don't know	Missing	Yes		No	Don't know	Missing
	Spontaneous	After probe				Spontaneous	After probe			
Unprotected sexual contact	62.3	30.9	2.6	4.0	0.2	40.7	31.0	6.2	22.1	0.0
Blood transfusion	34.5	44.5	12.8	8.1	0.0	32.7	45.5	8.4	13.4	0.0
Mother to child	7.1	62.8	17.0	13.1	0.0	12.6	68.0	8.3	11.1	0.0
Mosquito bites	3.5	36.4	45.6	14.6	0.0	3.5	36.0	44.3	16.2	0.0
Shaking hands	0.6	13.1	74.3	12.1	0.0	0.7	18.4	65.2	15.7	0.0
Swimming or bathing	0.5	13.6	72.2	13.8	0.0	0.3	21.4	60.9	17.4	0.0
Sharing meals	1.7	17.1	68.5	12.7	0.0	2.0	26.9	56.8	14.2	0.1
Sharing shaving sets	26.3	50.7	15.6	7.5	0.0	16.5	59.0	11.0	13.4	0.2
Sharing needles/ syringes	39.7	48.8	5.9	5.5	0.0	46.7	39.0	4.0	10.2	0.0
Saliva	8.0	27.3	44.7	20.0	0.0	1.7	23.5	49.7	25.2	0.0
Tears	0.2	11.6	65.6	22.7	0.0	0.4	17.4	55.3	26.8	0.0
Touching/hugging	0.2	13.3	69.6	16.9	0.0	0.8	22.5	57.7	19.1	0.0
Kissing	1.3	21.5	59.0	18.3	0.0	0.8	26.4	50.7	22.2	0.0
Other	19.9		80.1		0.0	28.3		71.7		0.0
Number	1043					1100				

Table 2.3U: Percentage distribution of URBAN respondents who have ever heard of HIV/AIDS according to their perception of how HIV/AIDS is transmitted according to sex

Modes of transmission of HIV/AIDS	Male					Female				
	Yes		No	Don't know	Missing	Yes		No	Don't know	Missing
	Spontaneous	After probe				Spontaneous	After probe			
Unprotected sexual contact	62.8	31.3	2.0	3.9	0.0	52.2	27.8	4.9	15.1	0.0
Blood transfusion	39.7	43.2	12.9	4.3	0.0	44.2	41.2	8.2	6.5	0.0
Mother to child	12.5	65.2	13.7	8.6	0.0	21.2	62.8	8.8	7.2	0.0
Mosquito bites	2.2	25.8	57.1	15.0	0.0	1.9	24.0	61.2	12.9	0.0
Shaking hands	0.3	6.2	82.0	11.5	0.0	0.1	7.0	80.3	12.7	0.0
Swimming or bathing	0.0	6.2	82.5	11.3	0.0	0.1	6.3	77.9	15.8	0.0
Sharing meals	0.8	9.3	79.0	11.0	0.0	1.7	14.3	73.5	10.5	0.0
Sharing shaving sets	33.3	49.5	12.6	4.6	0.0	23.4	57.2	10.1	9.2	0.0
Sharing needles/ syringes	50.3	40.5	4.9	4.3	0.0	63.1	27.2	4.6	5.0	0.0
Saliva	4.3	14.4	65.4	15.8	0.0	0.1	7.9	63.0	28.9	0.1
Tears	0.1	6.2	75.8	17.9	0.0	0.0	5.0	66.9	28.1	0.0
Touching/hugging	0.2	5.1	79.3	15.5	0.0	0.9	8.2	72.8	18.1	0.0
Kissing	0.4	12.4	69.6	17.6	0.0	0.8	10.0	66.0	23.1	0.1
Other	23.5		76.5		0.0	19.1		80.9		0.0
Number	1103					974				

Belgaum District

Table 2.3T: Percentage distribution of TOTAL respondents who have ever heard of HIV/AIDS according to their perception of how HIV/AIDS is transmitted according to sex

Modes of transmission of HIV/AIDS	Male					Female				
	Yes		No	Don't know	Missing	Yes		No	Don't know	Missing
	Spontaneous	After probe				Spontaneous	After probe			
Unprotected sexual contact	62.5	31.0	2.5	4.0	0.1	43.5	30.2	5.9	20.4	0.0
Blood transfusion	35.9	44.2	12.8	7.1	0.0	35.5	44.5	8.4	11.7	0.0
Mother to child	8.5	63.4	16.1	11.9	0.0	14.7	66.8	8.4	10.2	0.0
Mosquito bites	3.2	33.6	48.6	14.7	0.0	3.2	33.1	48.3	15.4	0.0
Shaking hands	0.5	11.3	76.3	11.9	0.0	0.5	15.7	68.8	15.0	0.0
Swimming or bathing	0.4	11.7	74.9	13.1	0.0	0.3	17.8	65.0	17.0	0.0
Sharing meals	1.4	15.1	71.3	12.2	0.0	1.9	23.9	60.8	13.3	0.1
Sharing shaving sets	28.2	50.4	14.8	6.7	0.0	18.2	58.6	10.8	12.4	0.1
Sharing needles/ syringes	42.5	46.6	5.7	5.2	0.0	50.7	36.2	4.2	9.0	0.0
Saliva	7.0	23.9	50.2	18.9	0.0	1.3	19.8	52.9	26.0	0.0
Tears	0.2	10.2	68.3	21.5	0.0	0.3	14.4	58.1	27.1	0.0
Touching/hugging	0.2	11.2	72.2	16.5	0.0	0.8	19.0	61.3	18.9	0.0
Kissing	1.0	19.1	61.8	18.1	0.0	0.8	22.4	54.4	22.4	0.0
Other	20.8		79.2		0.0	26.1		73.9		0.0
Number	2146					2074				

Table 2.3T: Percentage distribution of TOTAL respondents who have ever heard of HIV/AIDS according to their perception of how HIV/AIDS is transmitted according to place of residence

Modes of transmission of HIV/AIDS	Rural					Urban				
	Yes		No	Don't know	Missing	Yes		No	Don't know	Missing
	Spontaneous	After probe				Spontaneous	After probe			
Unprotected sexual contact	51.6	30.9	4.4	13.0	0.1	57.9	29.7	3.4	9.1	0.0
Blood transfusion	33.6	45.0	10.6	10.7	0.0	41.8	42.3	10.7	5.3	0.0
Mother to child	9.8	65.4	12.7	12.1	0.0	16.5	64.1	11.4	7.9	0.0
Mosquito bites	3.5	36.2	44.9	15.4	0.0	2.1	24.9	59.0	14.0	0.0
Shaking hands	0.6	15.7	69.8	13.9	0.0	0.2	6.6	81.2	12.0	0.0
Swimming or bathing	0.4	17.5	66.6	15.5	0.0	0.1	6.3	80.4	13.4	0.0
Sharing meals	1.8	22.0	62.7	13.5	0.1	1.2	11.6	76.4	10.8	0.0
Sharing shaving sets	21.5	54.8	13.3	10.4	0.1	28.7	53.1	11.4	6.7	0.0
Sharing needles/ syringes	43.2	44.0	5.0	7.9	0.0	56.3	34.3	4.8	4.7	0.0
Saliva	4.8	25.4	47.2	22.6	0.0	2.4	11.4	64.3	21.9	0.0
Tears	0.3	14.5	60.5	24.8	0.0	0.1	5.6	71.7	22.7	0.0
Touching/hugging	0.5	17.9	63.7	18.0	0.0	0.5	6.5	76.3	16.7	0.0
Kissing	1.0	23.9	54.9	20.2	0.0	0.6	11.3	67.9	20.1	0.0
Other	24.1		75.9		0.0	21.5		78.6		0.0
Number	2143					2077				

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Table 2.4: Among the respondents who have some knowledge about HIV/AIDS, the percentage who have specific misconceptions about transmission of HIV/AIDS, according to selected background characteristics

Characteristics	Any one misconception	Any two misconceptions	Any three misconceptions	More than three misconceptions	Number
<i>Sex</i>					
Male	56.0	35.3	26.4	21.4	2143
Female	40.1	19.1	11.8	7.3	2077
<i>Place of residence</i>					
Rural	54.1	30.1	21.3	16.0	2146
Urban	49.7	32.4	24.3	19.7	2074
<i>Age</i>					
15-19	51.2	28.9	21.5	17.4	808
20-24	51.1	30.6	21.3	17.0	742
25-29	52.7	27.5	19.5	15.1	683
30-34	55.7	35.5	25.9	19.8	566
35-39	50.6	35.1	24.8	18.6	625
40-44	51.7	31.4	25.2	19.6	398
45-49	51.1	31.1	23.5	18.7	398
<i>Marital status</i>					
Currently married	53.5	33.1	24.9	19.7	2779
Marriage dissolved	48.2	35.5	28.3	23.8	160
Never married	48.9	26.2	17.0	12.4	1281
<i>Literacy and education</i>					
Illiterate	56.0	38.8	30.1	23.6	900
Primary	58.6	41.5	32.8	28.0	200
Middle	59.4	36.8	29.4	24.9	634
Secondary	49.9	33.0	24.4	18.3	322
Secondary+	46.3	23.0	14.3	10.4	2160
<i>Occupation</i>					
Cultivator	65.1	43.0	33.8	27.6	474
Agricultural labourer	62.6	41.2	31.0	23.9	140
Non-agricultural labourer	52.6	32.6	24.2	20.3	601
Business	47.3	24.5	13.8	10.6	593
Salaried employment	48.6	24.2	15.2	10.5	456
Housework	49.7	32.1	24.1	18.7	1298
Student	41.7	19.3	12.7	8.9	644
<i>Religion</i>					
Hindu	52.8	31.7	23.3	18.7	3463
Muslim	48.0	29.2	20.2	13.1	526
Jain	49.7	30.8	23.6	16.3	197
Other	39.7	23.5	11.8	3.9	34
<i>Caste/Tribe</i>					
Scheduled Caste	57.8	36.5	29.5	23.7	412
Scheduled Tribe	55.7	36.2	29.3	26.0	292
Other	50.9	30.1	21.3	16.3	3516
<i>Household SLI</i>					
Low	54.5	37.6	28.7	21.9	1079
Medium	55.4	31.2	23.3	19.1	1318
High	47.2	26.7	17.8	13.6	1817
<i>Total</i>	52.0	31.2	22.8	17.8	4220

Note: Total includes cases with missing information on education, occupation and standard of living.

The misconceptions are: Mosquito bites, Shaking hands, Swimming or bathing, Sharing meals, Saliva, Tears, Touching or hugging and kissing

Table 2.5R: Percentage distribution of RURAL respondents who have ever heard of HIV/AIDS according to their perception of ways of preventing HIV/AIDS according to sex

Modes of preventing HIV/AIDS	Male					Female				
	Yes		No	Don't know	Missing	Yes		No	Don't know	Missing
	Spontaneous	After probe				Spontaneous	After probe			
Take medicine or herbal mixture before sex	2.5	9.5	52.1	35.4	0.7	3.7	18.7	53.4	23.7	0.4
Always use condoms	26.1	12.8	29.9	30.6	0.5	8.4	21.6	44.3	25.3	0.4
Avoid sharing injection needles	23.6	18.1	29.1	28.8	0.5	26.6	17.4	40.9	14.8	0.4
Don't share clothes or eating utensils	1.6	8.0	57.8	32.0	0.7	1.0	12.9	69.5	16.2	0.4
Avoid mosquito/insect bites	2.0	13.0	55.8	29.0	0.2	1.5	8.5	65.4	24.6	0.0
Eat nutritious food	1.0	15.4	49.8	33.2	0.7	2.9	18.4	61.5	16.7	0.4
Have sex only with one faithful partner	19.5	19.5	30.3	30.1	0.5	30.7	10.6	43.6	14.7	0.4
Other	8.5		91.0		0.5	4.8		94.8		0.4
Number	1043					1100				

Table 2.5U: Percentage distribution of URBAN respondents who have ever heard of HIV/AIDS according to their perception of ways of preventing HIV/AIDS according to sex

Modes of preventing HIV/AIDS	Male					Female				
	Yes		No	Don't know	Missing	Yes		No	Don't know	Missing
	Spontaneous	After probe				Spontaneous	After probe			
Take medicine or herbal mixture before sex	2.5	13.4	54.0	29.9	0.2	2.3	10.8	53.8	33.1	0.0
Always use condoms	32.6	13.8	28.4	25.1	0.2	17.5	16.9	37.2	28.4	0.0
Avoid sharing injection needles	29.1	17.0	28.6	25.0	0.2	35.1	12.0	32.8	20.1	0.0
Don't share clothes or eating utensils	0.9	8.6	62.2	28.0	0.2	0.8	4.9	70.6	23.8	0.0
Avoid mosquito/insect bites	3.8	25.4	59.4	11.4	0.0	3.2	17.7	69.1	10.0	0.0
Eat nutritious food	3.2	13.1	55.1	28.4	0.2	2.2	14.4	58.0	25.3	0.0
Have sex only with one faithful partner	21.8	20.2	32.4	25.4	0.2	28.1	12.9	37.1	22.0	0.0
Other	9.5		90.3		0.2	7.0		93.0		0.0
Number	1103					974				

Table 2.5T: Percentage distribution of TOTAL respondents who have ever heard of HIV/AIDS according to their perception of ways of preventing HIV/AIDS according to sex

Modes of preventing HIV/AIDS	Male					Female				
	Yes		No	Don't know	Missing	Yes		No	Don't know	Missing
	Spontaneous	After probe				Spontaneous	After probe			
Take medicine or herbal mixture before sex	2.5	10.5	52.6	33.9	0.6	3.4	16.8	53.5	26.0	0.3
Always use condoms	27.8	13.1	29.5	29.2	0.4	10.6	20.5	42.6	26.0	0.3
Avoid sharing injection needles	25.1	17.8	29.0	27.8	0.4	28.6	16.1	38.9	16.1	0.3
Don't share clothes or eating utensils	1.4	8.1	58.9	30.9	0.6	1.0	11.0	69.7	18.0	0.3
Avoid mosquito/insect bites	1.5	12.1	53.9	31.9	0.6	1.5	14.2	64.8	19.1	0.3
Eat nutritious food	1.5	14.8	51.2	31.9	0.6	2.7	17.5	60.7	18.8	0.3
Have sex only with one faithful partner	20.1	19.7	30.9	28.9	0.4	30.1	11.2	42.0	16.4	0.3
Other	8.8		90.8		0.4	5.3		94.4		0.3
Number	2146					2074				

Table 2.5T: Percentage distribution of TOTAL respondents who have ever heard of HIV/AIDS according to their perception of ways of preventing HIV/AIDS according place of residence

Modes of preventing HIV/AIDS	Rural					Urban				
	Yes		No	Don't know	Missing	Yes		No	Don't know	Missing
	Spontaneous	After probe				Spontaneous	After probe			
Take medicine or herbal mixture before sex	3.1	14.0	52.7	29.6	0.6	2.4	12.2	53.9	31.4	0.1
Always use condoms	17.4	17.2	37.0	28.0	0.5	25.6	15.2	32.5	26.6	0.1
Avoid sharing injection needles	25.1	17.7	34.9	21.8	0.5	31.9	14.7	30.6	22.7	0.1
Don't share clothes or eating utensils	1.3	10.4	63.6	24.2	0.6	0.9	6.9	66.1	26.1	0.1
Avoid mosquito/insect bites	1.4	13.9	58.9	25.2	0.6	1.8	10.9	60.3	26.9	0.1
Eat nutritious food	1.9	16.9	55.6	25.0	0.6	2.7	13.7	56.5	27.0	0.1
Have sex only with one faithful partner	25.1	15.1	36.9	22.5	0.5	24.7	16.8	34.6	23.8	0.1
Other	6.7		92.8		0.5	16.7		83.3		0.0
Number	2143					2077				

Belgaum District

Table 2.9R: Percentage of RURAL respondents who have reported to have undergone an HIV test, according to selected background characteristics

	Male		Female		Total	
Characteristic	Percent	Number	Percent	Number	Percent	Number
<i>Age</i>						
15-19	0.5	216	6.9	200	3.4	416
20-24	2.8	189	19.5	160	10.0	349
25-29	3.4	151	17.9	198	11.0	349
30-34	6.6	133	14.3	146	10.5	279
35-39	7.6	156	6.6	172	7.1	328
40-44	8.2	93	3.9	120	5.9	213
45-49	1.8	105	7.2	104	4.6	209
<i>Marital status</i>						
Currently married	6.0	648	13.2	830	9.9	1478
Marriage dissolved	0.0	8	10.5	99	9.7	107
Never married	0.8	387	1.7	171	1.1	558
<i>Literacy and education</i>						
Illiterate	5.6	175	7.0	444	6.6	619
Primary	1.3	79	4.8	48	2.3	127
Middle	4.7	138	13.6	207	9.8	345
Secondary	1.3	73	15.1	83	7.8	156
Secondary+	4.1	578	16.4	316	8.0	894
<i>Occupation</i>						
Cultivator	3.9	337	0.4	73	3.2	410
Agricultural labourer	11.4	66	0.0	55	6.0	121
Non-agricultural labourer	2.0	185	9.5	144	5.1	329
Business	3.5	132	15.1	36	5.6	168
Salaried employment	9.7	124	15.6	26	10.8	150
Housework	0.0	4	15.6	674	15.5	678
Student	0.8	192	0.0	87	0.6	279
<i>Religion</i>						
Hindu	4.3	903	11.1	935	7.6	1838
Muslim	1.0	71	8.4	81	4.3	152
Jain	3.1	59	20.3	69	12.0	128
Other	0.0	10	7.0	15	4.1	25
<i>Caste/Tribe</i>						
Scheduled Caste	4.4	109	11.9	107	7.8	216
Scheduled Tribe	1.7	67	5.6	83	3.9	150
Other	4.1	867	11.7	910	7.8	1777
<i>Household SLI</i>						
Low	1.8	317	8.5	372	5.3	689
Medium	6.2	376	12.5	379	9.2	755
High	3.5	347	12.9	348	7.9	695
Total	4.0	1043	11.2	1100	7.5	2143

Total include 2, 8 and 4 cases with missing information on education, occupation and standard of living.

Belgaum District

Table 2.9U: Percentage of URBAN respondents who have reported to have undergone an HIV test, according to selected background characteristics

Characteristic	Male		Female		Total	
	Percent	Number	Percent	Number	Percent	Number
<i>Age</i>						
15-19	1.1	211	5.5	181	3.1	392
20-24	3.7	216	29.4	177	14.7	393
25-29	13.8	160	34.6	174	24.6	334
30-34	9.6	145	32.1	142	20.6	287
35-39	11.4	151	15.6	146	13.5	297
40-44	13.9	108	11.6	77	13.0	185
45-49	6.7	112	9.3	77	7.7	189
<i>Marital status</i>						
Currently married	10.9	615	27.4	686	19.5	1301
Marriage dissolved	0.0	5	14.8	48	13.4	53
Never married	3.9	483	4.5	240	4.1	723
<i>Literacy and education</i>						
Illiterate	1.6	122	16.6	159	9.7	281
Primary	0.0	46	11.8	27	4.1	73
Middle	6.9	143	19.2	146	12.8	289
Secondary	6.2	94	19.2	72	12.2	166
Secondary+	9.7	697	23.2	569	15.8	1266
<i>Occupation</i>						
Cultivator	2.6	49	8.4	15	4.1	64
Agricultural labourer	0.0	11	28.6	8	12.9	19
Non-agricultural labourer	5.5	234	13.1	38	6.5	272
Business	7.1	351	16.7	74	8.6	425
Salaried employment	16.1	228	27.6	78	18.9	306
Housework	100.0	1	25.0	619	25.1	620
Student	3.1	226	5.2	139	3.9	365
<i>Religion</i>						
Hindu	7.7	851	22.1	774	14.4	1625
Muslim	5.6	206	13.4	168	9.1	374
Jain	14.2	39	36.8	30	23.6	69
Other	38.6	7	54.7	2	41.7	9
<i>Caste/Tribe</i>						
Scheduled Caste	12.7	105	21.5	91	16.7	196
Scheduled Tribe	4.8	81	17.1	61	10.1	142
Other	7.5	917	21.4	822	13.9	1739
<i>Household SLI</i>						
Low	3.8	209	18.0	181	10.1	390
Medium	5.9	311	17.2	252	10.8	563
High	10.0	582	23.7	540	16.6	1122
<i>Total</i>	7.7	1103	21.1	974	13.9	2077

Total include 2, 6 and 2 cases with missing information on education, occupation and standard of living.

Belgaum District

Table 2.9T: Percentage of TOTAL respondents who have reported to have undergone an HIV test, according to selected background characteristics

[illegible]

Belgaum District

Table 2.12R: Percent of never married RURAL respondents who ever had sexual intercourse, by sex and other background characteristics

Characteristic	Male		Female		Total	
	Percent	Number	Percent	Number	Percent	Number
<i>Age</i>						
15-19	4.9	236	0.0	147	3.2	383
20-24	7.8	143	0.0	24	6.6	167
25-29	6.5	46	10.2	12	7.1	58
30-49	4.6	11	15.9	10	9.3	21
<i>Literacy and education</i>						
Illiterate	11.6	37	0.0	23	6.6	60
Primary	0.0	12	0.0	1	0.0	13
Middle	9.9	49	9.6	13	9.9	62
Secondary	19.8	38	0.0	22	12.8	60
Secondary+	2.7	300	1.0	134	2.2	434
<i>Occupation</i>						
Cultivator	6.6	83	0.0	1	6.4	84
Agricultural labourer	0.0	15	0.0	1	0.0	16
Non-agricultural labourer	15.4	67	10.4	9	14.9	76
Business	1.3	32	0.0	9	1.0	41
Salaried employment	6.1	40	0.0	11	4.9	51
Housework	Nil	Nil	1.8	74	1.8	74
Student	3.1	198	0.0	88	2.2	286
<i>Religion</i>						
Hindu	4.9	384	1.4	164	3.9	548
Muslim	32.1	19	0.0	15	19.6	34
Jain	8.9	29	0.0	10	6.8	39
Other	0.0	4	0.0	4	0.0	8
<i>Caste/Tribe</i>						
Scheduled Caste	1.5	54	5.4	19	2.5	73
Scheduled Tribe	14.8	24	9.9	13	13.5	37
Other	6.0	358	0.0	161	4.2	519
<i>Household SLI</i>						
Low	9.5	127	1.7	65	7.1	192
Medium	4.2	162	2.1	63	3.6	225
High	5.0	146	0.0	65	3.5	211
<i>Travel due to work</i>						
Yes	8.2	225	0.0	48	6.9	273
No	3.1	211	1.6	145	2.5	356
Total	6.0	436	1.2	193	4.6	629

Note: Total includes person with missing information on occupation and standard of living index.

Belgaum District

Table 2.12U: Percent of never married URBAN respondents who ever had sexual intercourse, by sex and other background characteristics

Characteristic	Male		Female		Total	
	Percent	Number	Percent	Number	Percent	Number
<i>Age</i>						
15-19	1.1	221	1.27	176	1.2	397
20-24	10.1	199	0	65	7.7	264
25-29	8.6	73	0	15	7.2	88
30-49	4.9	18	0	15	2.8	33
<i>Literacy and education</i>						
Illiterate	11.0	29	3.8	14	8.8	43
Primary	11.0	9	0.0	1	9.7	10
Middle	6.9	49	0.0	22	4.8	71
Secondary	7.6	55	0.0	24	5.2	79
Secondary+	4.9	369	0.9	210	3.5	579
<i>Occupation</i>						
Cultivator	0.0	17	Nil	Nil	0.0	17
Agricultural labourer	0.0	1	Nil	Nil	0.0	1
Non-agricultural labourer	14.4	88	0.0	1	14.3	89
Business	5.4	115	3.4	14	5.1	129
Salaried employment	3.6	58	0.0	22	2.7	80
Housework	Nil	Nil	0.5	88	0.5	88
Student	3.8	231	0.9	145	2.7	376
<i>Religion</i>						
Hindu	5.6	415	1.1	202	4.1	617
Muslim	6.7	82	0.0	58	3.9	140
Jain	0.0	11	0.0	11	0.0	22
Other	26.5	3	Nil	Nil	26.5	3
<i>Caste/Tribe</i>						
Scheduled Caste	15.3	43	0.0	23	9.9	66
Scheduled Tribe	0.0	40	0.0	19	0.0	59
Other	5.4	428	1.0	229	3.9	657
<i>Household SLI</i>						
Low	11.6	82	0.9	53	7.4	135
Medium	7.7	160	3.0	62	6.5	222
High	3.1	268	0.0	155	1.9	423
<i>Travel due to work</i>						
Yes	9.8	185	4.4	31	9.0	216
No	3.7	326	0.4	240	2.3	566
Total	5.8	511	0.8	271	4.1	782

Note: Total includes persons with missing information on occupation and standard of living index.

Belgaum District

Table 2.12T: Percent of never married TOTAL respondents who ever had sexual intercourse, by sex and other background characteristics

Characteristic	Male		Female		Total	
	Percent	Number	Percent	Number	Percent	Number
<i>Place of residence</i>						
Rural	6.0	436	1.2	193	4.6	629
Urban	5.8	511	0.8	271	4.1	782
<i>Age</i>						
15-19	4.01	457	0.4	323	2.6	780
20-24	8.56	342	0.0	89	7.0	431
25-29	7.13	119	7.4	27	7.2	146
30-49	4.74	29	9.0	25	6.5	54
<i>Literacy and education</i>						
Illiterate	11.4	66	0.5	37	7.0	103
Primary	1.5	21	0.0	2	1.4	23
Middle	9.2	98	5.6	35	8.5	133
Secondary	16.5	93	0.0	46	10.8	139
Secondary+	3.4	669	0.9	344	2.6	1013
<i>Occupation</i>						
Cultivator	6.3	100	0.0	1	6.1	101
Agricultural labourer	0.0	16	0.0	1	0.0	17
Non-agricultural labourer	15.2	155	10.1	10	14.7	165
Business	3.5	147	1.1	23	3.1	170
Salaried employment	5.3	98	0.0	33	4.2	131
Housework			1.4	162	1.4	162
Student	3.3	429	0.4	233	2.3	662
<i>Religion</i>						
Hindu	5.1	799	1.3	366	4.0	1165
Muslim	16.6	101	0.0	73	9.9	174
Jain	7.5	40	0.0	21	5.4	61
Other	2.9	7	0.0	4	1.7	11
<i>Caste/Tribe</i>						
Scheduled Caste	4.4	97	3.8	42	4.2	139
Scheduled Tribe	10.2	64	6.3	32	9.0	96
Other	5.8	786	0.3	390	4.1	1176
<i>Household SLI</i>						
Low	9.8	209	1.5	118	7.2	327
Medium	5.1	322	2.3	125	4.4	447
High	4.3	414	0.0	220	2.8	634
<i>Travel due to work</i>						
Yes	8.5	410	0.8	79	7.3	489
No	3.3	537	1.1	385	2.4	922
Total	6.0	947	1.1	464	4.5	1411

Note: Total includes persons with missing information on occupation and standard of living index.

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Table 2.13R: Median age at first sexual intercourse among RURAL respondents by sex, according to selected background characteristics

Characteristic	Male		Female		Total	
	Median age	Number	Median age	Number	Median age	Number
<i>Age</i>						
15-19	16.8	9	15.8	70	16.0	79
20-24	20.1	77	15.7	167	17.6	244
25-29	21.5	128	15.7	214	17.7	342
30-34	22.6	150	15.0	183	17.9	333
35-39	22.6	178	15.3	216	18.3	394
40-44	22.3	120	15.3	148	18.5	268
45-49	22.6	141	15.5	133	18.9	274
<i>Marital status</i>						
Currently married	22.0	771	15.6	1006	18.1	1777
Marriage dissolved	18.9	9	14.6	123	14.7	132
Never married	17.7	23	15.1	2	17.5	25
<i>Literacy and education</i>						
Illiterate	20.9	229	14.7	588	15.8	817
Primary	21.4	90	15.4	59	19.9	149
Middle	21.2	125	15.7	226	17.3	351
Secondary	20.8	45	16.4	65	18.2	110
Secondary+	24.1	314	18.2	191	21.3	505
<i>Occupation</i>						
Cultivator	21.6	338	14.9	95	20.2	433
Agricultural labourer	20.5	66	14.3	63	16.8	129
Non-agricultural labourer	21.4	178	14.7	178	17.8	356
Business	23.8	114	16.6	29	22.9	143
Salaried employment	23.5	91	18.5	15	22.5	106
Housework	20.4	4	15.8	742	15.9	746
Student	17.8	10	Nil	Nil	17.8	10
<i>Religion</i>						
Hindu	21.7	687	15.3	968	17.7	1655
Muslim	22.1	67	15.3	83	18.0	150
Jain	24.2	43	17.0	69	18.7	112
Other	25.0	6	19.5	11	20.5	17
<i>Caste/Tribe</i>						
Scheduled Caste	20.7	85	14.6	108	17.4	193
Scheduled Tribe	20.9	59	14.4	87	15.8	146
Other	22.0	659	15.7	936	18.1	1595
<i>Household SLI</i>						
Low	21.6	282	14.8	394	17.1	676
Medium	21.8	282	15.6	411	17.9	693
High	22.0	236	16.5	324	18.5	560
<i>Travel due to work</i>						
Yes	21.8	421	15.0	154	19.9	575
No	21.9	382	15.5	977	17.1	1359
Total	21.8	803	15.4	1131	17.9	1934

Note: Total includes persons with missing information on education, occupation and standard of living index.

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Table 2.13U: Median age at first sexual intercourse among URBAN respondents by sex, according to selected background characteristics

Characteristic	Male		Female		Total	
	Median age	Number	Median age	Number	Median age	Number
<i>Age</i>						
15-19	17.2	3	16.7	30	16.7	33
20-24	20.4	51	18.1	145	18.8	196
25-29	23.7	103	18.0	187	19.9	290
30-34	25.3	141	18.0	156	21.0	297
35-39	24.3	159	17.4	189	19.7	348
40-44	24.4	116	18.8	98	21.9	214
45-49	25.2	124	17.6	109	21.3	233
<i>Marital status</i>						
Currently married	24.4	662	18.0	841	20.3	1503
Marriage dissolved	27.6	5	16.2	72	16.4	77
Never married	19.8	30	15.0	1	19.7	31
<i>Literacy and education</i>						
Illiterate	21.4	130	15.7	252	17.6	382
Primary	22.7	45	17.0	38	20.4	83
Middle	23.4	116	16.8	172	18.7	288
Secondary	22.7	47	17.5	66	18.8	113
Secondary+	25.7	358	19.8	385	22.1	743
<i>Occupation</i>						
Cultivator	24.6	38	16.9	21	21.5	59
Agricultural labourer	21.2	10	14.9	14	18.1	24
Non-agricultural labourer	22.5	191	15.4	62	21.0	253
Business	24.5	270	17.2	73	23.4	343
Salaried employment	25.9	175	18.7	61	24.5	236
Housework	30.0	1	18.1	679	18.1	680
Student	19.2	10	22.0	1	19.4	11
<i>Religion</i>						
Hindu	24.5	512	18.0	711	20.1	1223
Muslim	23.1	151	17.3	180	19.5	331
Jain	26.6	29	19.1	20	22.6	49
Other	21.0	5	19.7	3	20.6	8
<i>Caste/Tribe</i>						
Scheduled Caste	21.6	75	15.9	81	18.8	156
Scheduled Tribe	22.7	49	15.6	66	18.5	115
Other	24.6	573	18.2	767	20.4	1340
<i>Household SLI</i>						
Low	22.0	168	16.2	205	18.6	373
Medium	22.9	189	17.2	263	19.0	452
High	25.8	340	18.8	446	21.4	786
<i>Travel due to work</i>						
Yes	23.8	319	18.3	63	22.7	382
No	24.6	378	17.8	851	19.2	1229
Total	24.2	697	17.9	914	20.0	1611

Note: Total includes persons with missing information on education and occupation.

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Table 2.13T: Median age at first sexual intercourse among TOTAL respondents by sex, according to selected background characteristics

Characteristic	Male		Female		Total	
	Median age	Number	Median age	Number	Median age	Number
<i>Place of residence</i>						
Rural	21.8	803	15.4	1131	17.9	1934
Urban	24.2	697	17.9	914	20.0	1611
<i>Age</i>						
15-19	16.8	12	15.9	100	16.1	112
20-24	20.1	128	16.5	312	17.9	440
25-29	21.9	231	16.2	401	18.1	632
30-34	23.3	291	15.5	339	18.6	630
35-39	22.8	337	15.7	405	18.7	742
40-44	22.7	236	15.7	246	19.3	482
45-49	23.0	265	15.7	242	19.4	507
<i>Marital status</i>						
Currently married	22.4	1433	16.0	1847	18.6	3280
Marriage dissolved	19.9	14	14.8	195	15.0	209
Never married	18.2	53	15.1	3	18.0	56
<i>Literacy and education</i>						
Illiterate	21.0	359	14.8	840	15.9	1199
Primary	21.6	135	15.8	97	20.0	232
Middle	21.7	241	15.9	398	17.6	639
Secondary	21.3	92	16.7	131	18.4	223
Secondary+	24.5	672	14.8	576	21.6	1248
<i>Occupation</i>						
Cultivator	21.7	376	14.9	116	20.2	492
Agricultural labourer	20.5	76	14.4	77	16.9	153
Non-agricultural labourer	21.6	369	14.7	240	18.5	609
Business	24.1	384	16.9	102	23.1	486
Salaried employment	24.8	266	18.6	76	23.5	342
Housework	20.5	5	16.5	1421	16.5	1426
Student	18.3	20	22.0	1	18.4	21
<i>Religion</i>						
Hindu	22.1	1199	15.7	1679	18.2	2878
Muslim	22.4	218	16.2	263	18.8	481
Jain	24.7	72	17.2	89	19.3	161
Other	24.7	11	19.5	14	20.5	25
<i>Caste/Tribe</i>						
Scheduled Caste	20.8	160	14.8	189	17.8	349
Scheduled Tribe	21.5	108	14.6	153	16.3	261
Other	22.5	1232	16.3	1703	18.5	2935
<i>Household SLI</i>						
Low	21.7	450	14.9	599	17.4	1049
Medium	22.0	471	15.8	674	18.1	1145
High	23.4	576	17.4	770	19.3	1346
<i>Travel due to work</i>						
Yes	22.1	740	15.2	217	20.4	957
No	22.4	760	16.0	1828	17.6	2588
Total	22.3	1500	15.8	2045	18.3	3545

Table 2.22 RM: Percent RURAL MALES who have reported specific sexual behaviours, according to selected background characteristics

Characteristic	Had sex with a non-regular partner during last 12 months	Had sex with more than 1 partner during last 3 months	Had sex with more than 1 partner during last 12 months	Ever had sex with more than 1 partner	Ever paid/received money for sex	Any of the risk behavior	Number
<i>Age</i>							
15-19	2.2	0.0	2.2	3.3	0.0	3.3	240
20-24	1.9	0.8	1.4	5.5	0.6	5.6	215
25-29	0.5	0.5	0.2	12.0	0.0	12.0	170
30-34	2.3	1.6	2.3	21.0	1.8	21.0	157
35-39	0.9	0.5	0.9	18.4	3.8	18.4	179
40-44	1.3	0.9	0.3	15.3	3.6	15.3	120
45-49	2.0	3.0	3.0	15.1	0.7	15.1	143
<i>Marital status</i>							
Currently married	1.4	1.3	1.3	17.3	2.0	17.3	779
Marriage dissolved	4.6	0.0	4.6	25.6	0.0	25.6	9
Never married	1.9	0.3	1.8	1.9	0.2	2.0	436
<i>Literacy and education</i>							
Illiterate	1.3	1.4	1.4	13.9	2.5	13.9	262
Primary	3.6	3.2	3.6	18.4	2.1	18.4	102
Middle	1.2	1.2	0.9	9.6	1.3	9.8	171
Secondary	7.5	0.0	6.3	12.6	0.0	12.6	82
Secondary+	0.5	0.3	0.5	10.1	0.8	10.1	607
<i>Occupation</i>							
Cultivator	1.7	1.4	1.4	14.5	0.5	14.5	418
Agricultural labourer	0.0	0.0	0.0	16.7	7.9	16.7	81
Non-agricultural labourer	3.7	1.2	3.7	11.2	1.3	11.3	239
Business	1.2	0.4	1.2	16.7	1.1	16.7	147
Salaried employment	1.0	1.0	1.0	13.5	3.0	13.5	128
Housework	0.0	0.0	0.0	24.3	0.0	24.3	4
Student	0.0	0.0	0.0	0.4	0.0	0.4	204
<i>Religion</i>							
Hindu	1.2	1.0	1.1	11.4	1.2	11.5	1059
Muslim	9.1	1.4	9.1	21.7	0.0	21.7	85
Jain	0.0	0.0	0.0	2.4	1.2	2.4	70
Other	0.0	0.0	0.0	20.0	10.0	20.0	10
<i>Caste/Tribe</i>							
Scheduled Caste	0.0	0.0	0.0	4.3	0.5	4.3	138
Scheduled Tribe	0.0	0.0	0.0	10.8	0.0	10.8	82
Other	2.0	1.1	1.9	13.1	1.6	13.1	1004
<i>Household SLI</i>							
Low	2.1	0.8	2.1	9.7	1.5	9.8	401
Medium	1.0	1.1	1.1	13.6	1.9	13.6	441
High	1.9	0.9	1.5	12.5	0.5	12.5	377
<i>Travel due to work</i>							
Yes	2.5	1.4	2.3	16.1	2.1	16.2	636
No	0.6	0.4	0.6	6.5	0.3	6.5	588
<i>Total</i>	1.6	0.9	1.5	11.9	1.3	11.9	1224

Note: Total includes persons with missing information on occupation and standard of living index.

Table 2.22 RF: Percent RURAL FEMALES who have reported specific sexual behaviours, according to selected background characteristics

Characteristic	Had sex with a non-regular partner during last 12 months	Had sex with more than 1 partner during last 3 months	Had sex with more than 1 partner during last 12 months	Ever had sex with more than 1 partner	Ever paid/received money for sex	Any of the risk behavior	Number
<i>Age</i>							
15-19	0.0	0.0	0.0	0.6	0.0	0.6	219
20-24	0.0	0.0	0.0	0.5	0.0	0.5	192
25-29	0.0	0.0	0.0	0.4	0.3	0.6	225
30-34	2.9	2.9	3.2	3.2	2.9	3.2	186
35-39	0.0	0.0	0.0	0.6	0.0	0.6	221
40-44	0.0	0.0	0.0	1.5	0.0	1.5	153
45-49	0.0	0.0	0.0	0.0	0.0	0.0	135
<i>Marital status</i>							
Currently married	0.6	0.6	0.6	1.0	0.6	1.0	1008
Marriage dissolved	0.0	0.0	0.0	2.0	0.5	2.5	130
Never married	0.0	0.0	0.0	0.0	0.0	0.0	193
<i>Literacy and education</i>							
Illiterate	0.9	0.9	0.9	1.7	0.9	1.7	618
Primary	0.0	0.0	0.0	1.1	1.1	2.2	61
Middle	0.0	0.0	0.0	0.2	0.0	0.2	238
Secondary	0.0	0.0	0.0	0.0	0.0	0.0	87
Secondary+	0.0	0.0	0.2	0.2	0.0	0.2	325
<i>Occupation</i>							
Cultivator	0.0	0.0	0.0	1.2	0.0	1.2	98
Agricultural labourer	0.0	0.0	0.0	1.7	0.0	1.7	65
Non-agricultural labourer	0.0	0.0	0.0	0.0	0.0	0.0	187
Business	0.0	0.0	0.0	1.3	0.0	1.3	38
Salaried employment	0.0	0.0	2.2	2.2	0.0	2.2	26
Housework	0.8	0.8	0.8	1.2	0.9	1.2	820
Student	0.0	0.0	0.0	0.0	0.0	0.0	88
<i>Religion</i>							
Hindu	0.5	0.5	0.5	1.0	0.5	1.1	1139
Muslim	0.0	0.0	0.0	0.0	0.0	0.0	98
Jain	0.0	0.0	1.1	2.3	0.0	2.3	79
Other	0.0	0.0	0.0	0.0	0.0	0.0	15
<i>Caste/Tribe</i>							
Scheduled Caste	0.0	0.0	0.0	0.0	0.0	0.0	128
Scheduled Tribe	4.7	4.7	4.7	5.7	4.7	5.7	101
Other	0.0	0.0	0.1	0.5	0.1	0.6	1102
<i>Household SLI</i>							
Low	1.2	1.2	1.2	1.7	1.3	1.8	462
Medium	0.0	0.0	0.1	1.0	0.0	1.0	477
High	0.0	0.0	0.0	0.0	0.0	0.0	390
<i>Travel due to work</i>							
Yes	2.4	2.4	2.4	2.9	2.7	3.2	202
No	0.0	0.0	0.1	0.5	0.0	0.5	1129
<i>Total</i>	0.4	0.4	0.5	1.0	0.5	1.0	1331

Note: Total includes persons with missing information on education, occupation and standard of living index.

Table 2.22 R: Percent RURAL respondents who have reported specific sexual behaviours, according to selected background characteristics

Characteristic	Had sex with a non-regular partner during last 12 months	Had sex with more than 1 partner during last 3 months	Had sex with more than 1 partner during last 12 months	Ever had sex with more than 1 partner	Ever paid/received money for sex	Any of the risk behavior	Number
<i>Age</i>							
15-19	1.2	0.0	1.2	2.1	0.0	2.1	459
20-24	1.0	0.4	0.7	3.1	0.3	3.2	407
25-29	0.2	0.2	0.1	5.7	0.2	5.9	395
30-34	2.6	2.3	2.8	11.2	2.4	11.2	343
35-39	0.4	0.3	0.4	8.9	1.8	8.9	400
40-44	0.6	0.4	0.2	7.9	1.7	7.9	273
45-49	1.0	1.6	1.6	7.8	0.4	7.8	278
<i>Marital status</i>							
Currently married	1.0	0.9	0.9	8.3	1.2	8.3	1787
Marriage dissolved	0.3	0.0	0.3	3.6	0.4	4.0	139
Never married	1.3	0.2	1.3	1.3	0.2	1.4	629
<i>Literacy and education</i>							
Illiterate	1.0	1.0	1.0	5.4	1.4	5.4	880
Primary	2.5	2.2	2.5	13.1	1.8	13.4	163
Middle	0.5	0.5	0.4	4.3	0.6	4.4	409
Secondary	4.0	0.0	3.4	6.8	0.0	6.8	169
Secondary+	0.4	0.2	0.4	6.9	0.5	6.9	932
<i>Occupation</i>							
Cultivator	1.3	1.1	1.1	11.3	0.4	11.3	516
Agricultural labourer	0.0	0.0	0.0	9.2	3.9	9.2	146
Non-agricultural labourer	2.1	0.7	2.1	6.3	0.7	6.4	426
Business	1.0	0.4	1.0	14.1	0.9	14.1	185
Salaried employment	0.8	0.8	1.2	11.5	2.5	11.5	154
Housework	0.8	0.8	0.8	1.2	0.9	1.3	824
Student	0.0	0.0	0.0	0.3	0.0	0.3	292
<i>Religion</i>							
Hindu	0.9	0.7	0.8	6.1	0.9	6.2	2198
Muslim	4.7	0.7	4.7	11.3	0.0	11.3	183
Jain	0.0	0.0	0.6	2.4	0.6	2.4	149
Other	0.0	0.0	0.0	8.2	4.1	8.2	25
<i>Caste/Tribe</i>							
Scheduled Caste	0.0	0.0	0.0	2.4	0.3	2.4	266
Scheduled Tribe	2.7	2.7	2.7	7.9	2.7	7.9	183
Other	1.0	0.6	1.0	6.7	0.8	6.7	2106
<i>Household SLI</i>							
Low	1.6	1.0	1.6	5.4	1.4	5.5	863
Medium	0.5	0.6	0.6	7.3	1.0	7.3	918
High	1.0	0.4	0.8	6.4	0.3	6.4	767
<i>Travel due to work</i>							
Yes	2.5	1.6	2.3	12.8	2.3	12.9	838
No	0.2	0.1	0.2	2.6	0.1	2.6	1717
<i>Total</i>	1.0	0.7	1.0	6.3	0.9	6.4	2555

Note: Total includes persons with missing information on education, occupation and standard of living index.

Table 2.22 UM: Percent URBAN MALES who have reported specific sexual behaviours, according to selected background characteristics

Characteristic	Had sex with a non-regular partner during last 12 months	Had sex with more than 1 partner during last 3 months	Had sex with more than 1 partner during last 12 months	Ever had sex with more than 1 partner	Ever paid/received money for sex	Any of the risk behavior	Number
<i>Age</i>							
15-19	0.0	0.0	0.0	0.0	0.0	0.0	221
20-24	2.0	1.2	1.9	3.5	1.8	4.4	231
25-29	1.9	0.0	1.3	8.4	3.3	8.8	170
30-34	0.0	0.8	0.8	12.0	0.9	12.0	151
35-39	1.8	1.4	2.2	14.8	5.2	14.8	163
40-44	2.1	2.1	3.1	9.0	1.1	9.0	119
45-49	0.5	1.3	1.3	14.4	2.3	14.4	124
<i>Marital status</i>							
Currently married	1.2	1.3	1.9	13.0	2.7	13.0	663
Marriage dissolved	0.0	0.0	0.0	17.5	0.0	17.5	5
Never married	1.1	0.4	0.8	1.1	1.1	1.7	511
<i>Literacy and education</i>							
Illiterate	1.8	2.3	2.3	12.8	1.9	12.8	156
Primary	2.1	2.1	2.1	13.5	4.2	13.5	53
Middle	0.0	1.0	2.0	9.6	2.7	10.2	160
Secondary	1.9	1.2	1.2	9.0	2.0	9.0	99
Secondary+	1.1	0.4	1.1	5.6	1.7	5.9	710
<i>Occupation</i>							
Cultivator	1.1	0.0	0.0	8.3	0.0	8.3	55
Agricultural labourer	0.0	0.0	0.0	6.2	0.0	6.2	11
Non-agricultural labourer	2.7	2.8	3.5	10.4	3.9	10.8	266
Business	0.7	0.8	1.1	9.3	1.0	9.5	378
Salaried employment	0.9	0.0	0.9	9.7	2.8	9.7	231
Housework	0.0	0.0	0.0	0.0	0.0	0.0	1
Student	0.6	0.0	0.6	0.6	1.1	1.1	234
<i>Religion</i>							
Hindu	1.2	0.8	1.4	7.7	2.0	7.9	905
Muslim	1.1	1.3	1.9	8.6	2.3	8.9	227
Jain	0.0	0.0	0.0	1.8	0.0	1.8	40
Other	0.0	0.0	0.0	38.6	0.0	38.6	7
<i>Caste/Tribe</i>							
Scheduled Caste	3.4	1.7	2.5	17.3	4.5	18.2	111
Scheduled Tribe	2.6	1.3	2.6	10.9	2.6	10.9	89
Other	0.8	0.7	1.2	6.5	1.7	6.7	979
<i>Household SLI</i>							
Low	3.6	2.0	3.4	13.2	5.1	13.6	241
Medium	0.3	1.2	1.5	6.9	1.7	7.3	338
High	0.8	0.3	0.7	6.4	1.1	6.6	599
<i>Travel due to work</i>							
Yes	1.5	1.2	1.8	11.7	3.1	12.1	485
No	0.9	0.6	1.2	5.3	1.3	5.5	694
<i>Total</i>	1.2	0.9	1.4	7.9	2.0	8.1	1179

Note: Total includes persons with missing information on education, occupation and standard of living index.

Table 2.22 UF: Percent URBAN FEMALES who have reported specific sexual behaviours, according to selected background characteristics

Characteristic	Had sex with a non-regular partner during last 12 months	Had sex with more than 1 partner during last 3 months	Had sex with more than 1 partner during last 12 months	Ever had sex with more than 1 partner	Ever paid/received money for sex	Any of the risk behavior	Number
<i>Age</i>							
15-19	0.0	0.0	0.0	0.0	0.0	0.0	207
20-24	0.0	0.0	0.0	0.0	0.0	0.0	211
25-29	0.0	0.0	0.0	0.4	0.0	0.4	202
30-34	1.4	0.6	1.3	2.1	0.6	2.1	162
35-39	0.0	0.0	0.0	1.2	0.0	1.2	194
40-44	0.0	0.0	0.0	1.0	0.0	1.0	100
45-49	0.0	0.0	0.0	0.0	0.0	0.0	112
<i>Marital status</i>							
Currently married	0.1	0.1	0.3	0.6	0.1	0.6	845
Marriage dissolved	1.8	0.0	0.0	2.8	0.0	2.8	72
Never married	0.0	0.0	0.0	0.0	0.0	0.0	271
<i>Literacy and education</i>							
Illiterate	0.4	0.4	0.8	1.4	0.4	1.4	265
Primary	0.0	0.0	0.0	0.0	0.0	0.0	39
Middle	0.0	0.0	0.0	0.4	0.0	0.4	194
Secondary	0.0	0.0	0.0	0.0	0.0	0.0	91
Secondary+	0.2	0.0	0.0	0.5	0.0	0.5	598
<i>Occupation</i>							
Cultivator	0.0	0.0	0.0	0.0	0.0	0.0	21
Agricultural labourer	0.0	0.0	7.6	7.6	0.0	7.6	14
Non-agricultural labourer	2.0	0.0	0.0	2.0	0.0	2.0	63
Business	0.0	0.0	0.0	1.5	0.0	1.5	87
Salaried employment	1.1	1.1	1.1	2.3	1.1	2.3	83
Housework	0.0	0.0	0.0	0.3	0.0	0.3	769
Student	0.0	0.0	0.0	0.0	0.0	0.0	147
<i>Religion</i>							
Hindu	0.2	0.1	0.2	0.8	0.1	0.8	916
Muslim	0.0	0.0	0.0	0.0	0.0	0.0	238
Jain	0.0	0.0	0.0	0.0	0.0	0.0	31
Other	0.0	0.0	0.0	0.0	0.0	0.0	3
<i>Caste/Tribe</i>							
Scheduled Caste	0.9	0.9	0.9	0.9	0.9	0.9	104
Scheduled Tribe	0.0	0.0	1.2	3.0	0.0	3.0	87
Other	0.1	0.0	0.0	0.4	0.0	0.4	997
<i>Household SLI</i>							
Low	0.6	0.0	0.0	1.2	0.0	1.2	258
Medium	0.3	0.3	0.7	1.2	0.3	1.2	325
High	0.0	0.0	0.0	0.1	0.0	0.1	604
<i>Travel due to work</i>							
Yes	0.9	0.9	0.9	0.9	0.9	0.9	94
No	0.1	0.0	0.1	0.6	0.0	0.6	1094
<i>Total</i>	0.2	0.1	0.2	0.6	0.1	0.6	1188

Note: Total includes persons with missing information on education, occupation and standard of living index.

Table 2.22 U: Percent URBAN respondents who have reported specific sexual behaviours, according to selected background characteristics

Characteristic	Had sex with a non-regular partner during last 12 months	Had sex with more than 1 partner during last 3 months	Had sex with more than 1 partner during last 12 months	Ever had sex with more than 1 partner	Ever paid/received money for sex	Any of the risk behavior	Number
<i>Age</i>							
15-19	0.0	0.0	0.0	0.0	0.0	0.0	428
20-24	1.1	0.6	1.0	1.8	1.0	2.4	442
25-29	0.9	0.0	0.6	4.0	1.5	4.1	372
30-34	0.7	0.7	1.1	6.9	0.7	6.9	313
35-39	0.8	0.6	1.0	7.4	2.4	7.4	357
40-44	1.1	1.1	1.7	5.4	0.6	5.4	219
45-49	0.3	0.7	0.7	7.6	1.2	7.6	236
<i>Marital status</i>							
Currently married	0.6	0.6	1.0	6.1	1.2	6.1	1508
Marriage dissolved	1.7	0.0	0.0	3.8	0.0	3.8	77
Never married	0.7	0.2	0.5	0.7	0.8	1.1	782
<i>Literacy and education</i>							
Illiterate	0.9	1.1	1.3	5.7	0.9	5.7	421
Primary	1.3	1.3	1.3	8.0	2.5	8.0	92
Middle	0.0	0.5	0.9	4.7	1.2	4.9	354
Secondary	0.9	0.6	0.6	4.4	1.0	4.4	190
Secondary+	0.7	0.2	0.6	3.3	0.9	3.5	1308
<i>Occupation</i>							
Cultivator	0.8	0.0	0.0	5.8	0.0	5.8	76
Agricultural labourer	0.0	0.0	4.7	7.1	0.0	7.1	25
Non-agricultural labourer	2.6	2.3	2.8	8.7	3.1	9.0	329
Business	0.5	0.6	0.9	8.0	0.8	8.1	465
Salaried employment	1.0	0.3	1.0	7.8	2.4	7.8	314
Housework	0.0	0.0	0.0	0.3	0.0	0.3	770
Student	0.4	0.0	0.4	0.4	0.7	0.7	381
<i>Religion</i>							
Hindu	0.7	0.5	0.8	4.2	1.1	4.4	1821
Muslim	0.5	0.6	0.9	4.2	1.1	4.3	465
Jain	0.0	0.0	0.0	1.0	0.0	1.0	71
Other	0.0	0.0	0.0	27.6	0.0	27.6	10
<i>Caste/Tribe</i>							
Scheduled Caste	2.2	1.3	1.7	9.4	2.7	9.8	215
Scheduled Tribe	1.3	0.7	1.9	6.9	1.3	6.9	176
Other	0.5	0.4	0.6	3.4	0.8	3.5	1976
<i>Household SLI</i>							
Low	2.0	1.0	1.7	7.1	2.5	7.3	499
Medium	0.3	0.7	1.1	4.2	1.0	4.4	663
High	0.4	0.1	0.3	3.2	0.5	3.3	1203
<i>Travel due to work</i>							
Yes	1.4	1.2	1.6	9.8	2.7	10.1	579
No	0.4	0.2	0.5	2.4	0.5	2.5	1788
<i>Total</i>	0.7	0.5	0.8	4.2	1.0	4.4	2367

Note: Total includes persons with missing information on education, occupation and standard of living index.

Table 2.22 TM: Percent TOTAL MALES who have reported specific sexual behaviours, according to selected background characteristics

Characteristic	Had sex with a non-regular partner during last 12 months	Had sex with more than 1 partner during last 3 months	Had sex with more than 1 partner during last 12 months	Ever had sex with more than 1 partner	Ever paid/received money for sex	Any of the risk behavior	Number
<i>Place of residence</i>							
Rural	1.6	0.9	1.5	11.9	1.3	11.9	1224
Urban	1.2	0.9	1.4	7.9	2.0	8.1	1179
<i>Age</i>							
15-19	1.7	0.0	1.7	2.6	0.0	2.6	461
20-24	2.0	0.9	1.5	4.9	1.0	5.3	446
25-29	0.8	0.4	0.5	11.1	0.8	11.2	340
30-34	1.7	1.4	1.9	18.7	1.5	18.7	308
35-39	1.1	0.7	1.2	17.6	4.1	17.6	342
40-44	1.5	1.2	1.0	13.8	3.0	13.8	239
45-49	1.6	2.6	2.6	14.9	1.1	14.9	267
<i>Marital status</i>							
Currently married	1.4	1.3	1.5	16.3	2.1	16.3	1442
Marriage dissolved	3.8	0.0	3.8	24.2	0.0	24.2	14
Never married	1.7	0.3	1.5	1.7	0.5	1.9	947
<i>Literacy and education</i>							
Illiterate	1.3	1.5	1.5	13.8	2.4	13.8	418
Primary	3.4	3.1	3.4	17.7	2.4	17.7	155
Middle	0.9	1.1	1.2	9.6	1.7	9.9	331
Secondary	6.1	0.3	5.0	11.7	0.5	11.7	181
Secondary+	0.7	0.3	0.7	8.7	1.1	8.8	1317
<i>Occupation</i>							
Cultivator	1.7	1.4	1.4	14.3	0.5	14.3	473
Agricultural labourer	0.0	0.0	0.0	16.2	7.5	16.2	92
Non-agricultural labourer	3.5	1.7	3.7	11.0	2.0	11.2	505
Business	0.9	0.6	1.1	13.3	1.1	13.4	525
Salaried employment	1.0	0.6	1.0	12.0	2.9	12.0	359
Housework	0.0	0.0	0.0	22.2	0.0	22.2	5
Student	0.2	0.0	0.2	0.4	0.3	0.6	438
<i>Religion</i>							
Hindu	1.2	0.9	1.2	10.6	1.4	10.7	1964
Muslim	5.1	1.4	5.5	15.1	1.2	15.3	312
Jain	0.0	0.0	0.0	2.3	1.0	2.3	110
Other	0.0	0.0	0.0	21.7	9.1	21.7	17
<i>Caste/Tribe</i>							
Scheduled Caste	0.7	0.4	0.5	7.0	1.3	7.2	249
Scheduled Tribe	0.7	0.4	0.7	10.8	0.7	10.8	171
Other	1.7	1.0	1.7	11.4	1.6	11.5	1983
<i>Household SLI</i>							
Low	2.3	1.0	2.3	10.3	2.1	10.4	642
Medium	0.9	1.1	1.2	12.2	1.9	12.3	779
High	1.5	0.7	1.2	10.3	0.7	10.4	976
<i>Travel due to work</i>							
Yes	2.3	1.3	2.2	15.3	2.3	15.4	1121
No	0.7	0.4	0.8	6.1	0.6	6.2	1282
Total	1.5	0.9	1.5	10.9	1.5	11.0	2403

Note: Total includes persons with missing information on education, occupation and standard of living index.

Table 2.22 TF: Percent TOTAL FEMALES who have reported specific sexual behaviours, according to selected background characteristics

Characteristic	Had sex with a non-regular partner during last 12 months	Had sex with more than 1 partner during last 3 months	Had sex with more than 1 partner during last 12 months	Ever had sex with more than 1 partner	Ever paid/received money for sex	Any of the risk behavior	Number
<i>Place of residence</i>							
Rural	0.4	0.4	0.5	1.0	0.5	1.0	1331.0
Urban	0.2	0.1	0.2	0.6	0.1	0.6	1188.0
<i>Age</i>							
15-19	0.0	0.0	0.0	0.4	0.0	0.4	426
20-24	0.0	0.0	0.0	0.4	0.0	0.4	403
25-29	0.0	0.0	0.0	0.4	0.2	0.6	427
30-34	2.6	2.4	2.8	3.0	2.4	3.0	348
35-39	0.0	0.0	0.0	0.7	0.0	0.7	415
40-44	0.0	0.0	0.0	1.4	0.0	1.4	253
45-49	0.0	0.0	0.0	0.0	0.0	0.0	247
<i>Marital status</i>							
Currently married	0.5	0.5	0.5	0.9	0.5	0.9	1853
Marriage dissolved	0.3	0.0	0.0	2.2	0.4	2.5	202
Never married	0.0	0.0	0.0	0.0	0.0	0.0	464
<i>Literacy and education</i>							
Illiterate	0.8	0.8	0.9	1.6	0.8	1.6	883
Primary	0.0	0.0	0.0	0.9	0.9	1.8	100
Middle	0.0	0.0	0.0	0.2	0.0	0.2	432
Secondary	0.0	0.0	0.0	0.0	0.0	0.0	178
Secondary+	0.1	0.0	0.1	0.3	0.0	0.3	923
<i>Occupation</i>							
Cultivator	0.0	0.0	0.0	1.2	0.0	1.2	119
Agricultural labourer	0.0	0.0	0.5	2.1	0.0	2.1	79
Non-agricultural labourer	0.2	0.0	0.0	0.2	0.0	0.2	250
Business	0.0	0.0	0.0	1.4	0.0	1.4	125
Salaried employment	0.6	0.6	1.6	2.2	0.6	2.2	109
Housework	0.6	0.6	0.6	0.9	0.6	1.0	1589
Student	0.0	0.0	0.0	0.0	0.0	0.0	235
<i>Religion</i>							
Hindu	0.4	0.4	0.4	1.0	0.5	1.0	2055
Muslim	0.0	0.0	0.0	0.0	0.0	0.0	336
Jain	0.0	0.0	1.0	1.9	0.0	1.9	110
Other	0.0	0.0	0.0	0.0	0.0	0.0	18
<i>Caste/Tribe</i>							
Scheduled Caste	0.2	0.2	0.2	0.2	0.2	0.2	232
Scheduled Tribe	3.7	3.7	3.9	5.1	3.7	5.1	188
Other	0.0	0.0	0.0	0.5	0.0	0.5	2099
<i>Household SLI</i>							
Low	1.1	1.0	1.0	1.6	1.1	1.7	720
Medium	0.1	0.1	0.2	1.1	0.1	1.1	802
High	0.0	0.0	0.0	0.0	0.0	0.0	994
<i>Travel due to work</i>							
Yes	2.2	2.2	2.2	2.7	2.4	2.9	296
No	0.0	0.0	0.1	0.6	0.0	0.6	2223
<i>Total</i>	0.4	0.4	0.4	0.9	0.4	0.9	2519

Note: Total includes persons with missing information on education, occupation and standard of living index.

Table 2.22 T: Percent TOTAL respondents who have reported specific sexual behaviours, according to selected background characteristics

Characteristic	Had sex with a non-regular partner during last 12 months	Had sex with more than 1 partner during last 3 months	Had sex with more than 1 partner during last 12 months	Ever had sex with more than 1 partner	Ever paid/received money for sex	Any of the risk behavior	Number
<i>Place of residence</i>							
Rural	1.0	0.7	1.0	6.3	0.9	6.4	2555
Urban	0.7	0.5	0.8	4.2	1.0	4.4	2367
<i>Age</i>							
15-19	0.9	0.0	0.9	1.6	0.0	1.6	887
20-24	1.0	0.5	0.8	2.8	0.5	3.0	849
25-29	0.4	0.2	0.2	5.3	0.5	5.4	767
30-34	2.2	1.9	2.4	10.2	2.0	10.2	656
35-39	0.5	0.3	0.6	8.6	1.9	8.6	757
40-44	0.7	0.6	0.5	7.3	1.4	7.3	492
45-49	0.8	1.4	1.4	7.7	0.6	7.7	514
<i>Marital status</i>							
Currently married	0.9	0.8	1.0	7.8	1.2	7.8	3295
Marriage dissolved	0.5	0.0	0.3	3.6	0.4	4.0	216
Never married	1.2	0.2	1.1	1.2	0.3	1.3	1411
<i>Literacy and education</i>							
Illiterate	1.0	1.0	1.1	5.5	1.3	5.5	1301
Primary	2.3	2.1	2.3	12.3	1.9	12.5	255
Middle	0.4	0.5	0.5	4.4	0.7	4.5	763
Secondary	3.2	0.2	2.7	6.2	0.3	6.2	359
Secondary+	0.5	0.2	0.5	5.6	0.7	5.7	2240
<i>Occupation</i>							
Cultivator	1.3	1.1	1.0	11.0	0.4	11.0	592
Agricultural labourer	0.0	0.0	0.3	9.1	3.7	9.1	171
Non-agricultural labourer	2.2	1.0	2.3	6.8	1.2	7.0	755
Business	0.8	0.5	0.9	11.3	0.9	11.3	650
Salaried employment	0.9	0.6	1.1	9.9	2.4	9.9	468
Housework	0.6	0.6	0.6	1.0	0.6	1.0	1594
Student	0.1	0.0	0.1	0.3	0.2	0.4	673
<i>Religion</i>							
Hindu	0.8	0.7	0.8	5.7	0.9	5.8	4019
Muslim	2.6	0.7	2.7	7.6	0.6	7.7	648
Jain	0.0	0.0	0.5	2.1	0.5	2.1	220
Other	0.0	0.0	0.0	9.3	3.9	9.3	35
<i>Caste/Tribe</i>							
Scheduled Caste	0.5	0.3	0.4	3.9	0.8	4.0	481
Scheduled Tribe	2.4	2.2	2.5	7.7	2.4	7.7	359
Other	0.9	0.5	0.9	5.9	0.8	5.9	4082
<i>Household SLI</i>							
Low	1.7	1.0	1.6	5.7	1.6	5.8	1362
Medium	0.5	0.6	0.7	6.7	1.0	6.7	1581
High	0.8	0.3	0.6	5.2	0.4	5.3	1970
<i>Travel due to work</i>							
Yes	2.3	1.6	2.2	12.3	2.3	12.4	1417
No	0.3	0.2	0.3	2.5	0.2	2.6	3505
<i>Total</i>	0.9	0.6	0.9	5.8	0.9	5.9	4922

Note: Total includes persons with missing information on education, occupation and standard of living index.

Belgaum District

Table 2.23 RM: Percent distribution of RURAL MALE respondents by whether seen or heard of a condom, according to selected background characteristics

Characteristic	Condom				
	Seen	Heard but not seen	Neither heard nor seen	Total percent	Number
<i>Age</i>					
15-19	73.4	17.2	9.4	100	240
20-24	76.6	14.6	8.8	100	215
25-29	84.2	8.9	7.0	100	170
30-34	75.6	9.6	14.8	100	157
35-39	79.9	4.6	15.6	100	179
40-44	57.7	18.8	23.5	100	120
45-49	53.7	14.2	32.1	100	143
<i>Marital status</i>					
Currently married	71.0	11.3	17.7	100	779
Marriage dissolved	87.2	4.6	8.2	100	9
Never married	76.0	15.1	9.0	100	436
<i>Literacy and education</i>					
Illiterate	50.2	17.3	32.4	100	262
Primary	74.3	10.3	15.4	100	102
Middle	73.2	12.9	13.9	100	171
Secondary	62.6	26.2	11.2	100	82
Secondary+	85.8	8.2	6.0	100	607
<i>Occupation</i>					
Cultivator	70.2	10.7	19.1	100	418
Agricultural labourer	59.9	24.2	15.9	100	81
Non-agricultural labourer	68.5	13.7	17.7	100	239
Business	75.5	11.8	12.8	100	147
Salaried employment	87.4	11.8	0.8	100	128
Housework	51.5	48.5	0.0	100	4
Student	79.2	11.5	9.3	100	204
<i>Religion</i>					
Hindu	72.3	12.6	15.1	100	1059
Muslim	73.2	17.6	9.3	100	85
Jain	72.4	11.3	16.3	100	70
Other	100.0	0.0	0.0	100	10
<i>Caste/Tribe</i>					
Scheduled Caste	66.6	15.1	18.3	100	138
Scheduled Tribe	69.7	11.3	19.1	100	82
Other	74.0	12.4	13.6	100	1004
<i>Household SLI</i>					
Low	68.7	14.1	17.2	100	401
Medium	72.4	13.7	13.9	100	441
High	78.8	9.6	11.6	100	377
<i>Travel due to work</i>					
Yes	76.8	12.6	10.6	100	636
No	67.9	12.6	19.5	100	588
<i>Total</i>	72.9	12.6	14.5	100	1224

Note: Total includes persons with missing information on occupation and standard of living index.

Table 2.23 RF: Percent distribution of RURAL FEMALE respondents by whether seen or heard of a condom, according to selected background characteristics

Characteristic	Condom				
	Seen	Heard but not seen	Neither heard nor seen	Total percent	Number
<i>Age</i>					
15-19	14.2	32.1	53.7	100	219
20-24	24.8	22.1	53.1	100	192
25-29	28.6	22.4	49.0	100	225
30-34	27.4	15.7	56.9	100	186
35-39	22.8	19.7	57.5	100	221
40-44	11.4	26.9	61.8	100	153
45-49	15.7	11.3	73.1	100	135
<i>Marital status</i>					
Currently married	22.2	20.7	57.1	100	1008
Marriage dissolved	19.2	13.7	67.2	100	130
Never married	17.5	33.9	48.6	100	193
<i>Literacy and education</i>					
Illiterate	10.0	16.6	73.4	100	618
Primary	21.6	20.4	58.0	100	61
Middle	27.2	24.7	48.1	100	238
Secondary	29.1	26.5	44.4	100	87
Secondary+	40.6	31.0	28.4	100	325
<i>Occupation</i>					
Cultivator	8.5	13.3	78.3	100	98
Agricultural labourer	11.9	19.0	69.1	100	65
Non-agricultural labourer	17.9	22.1	59.9	100	187
Business	28.9	35.2	36.0	100	38
Salaried employment	59.8	29.6	10.6	100	26
Housework	24.1	21.5	54.5	100	820
Student	19.4	37.8	42.8	100	88
<i>Religion</i>					
Hindu	20.2	21.5	58.3	100	1139
Muslim	20.0	25.8	54.2	100	98
Jain	36.1	19.4	44.5	100	79
Other	35.0	30.0	35.0	100	15
<i>Caste/Tribe</i>					
Scheduled Caste	16.4	20.0	63.5	100	128
Scheduled Tribe	15.9	15.6	68.4	100	101
Other	22.4	22.8	54.9	100	1102
<i>Household SLI</i>					
Low	19.4	20.2	60.4	100	462
Medium	16.8	19.8	63.4	100	477
High	29.2	26.7	44.1	100	390
<i>Travel due to work</i>					
Yes	26.6	28.2	45.2	100	202
No	20.1	20.5	59.5	100	1129
<i>Total</i>	21.2	21.9	56.9	100	1331

Note: Total includes persons with missing information on education, occupation and standard of living index.

Table 2.23 R: Percent distribution of RURAL respondents by whether seen or heard of a condom, according to selected background characteristics

Characteristic	Condom				
	Seen	Heard but not seen	Neither heard nor seen	Total percent	Number
<i>Age</i>					
15-19	46.1	24.1	29.9	100	459
20-24	52.5	18.1	29.4	100	407
25-29	54.1	16.2	29.7	100	395
30-34	49.0	13.0	38.0	100	343
35-39	49.5	12.7	37.9	100	400
40-44	32.7	23.2	44.1	100	273
45-49	35.2	12.8	52.0	100	278
<i>Marital status</i>					
Currently married	44.0	16.5	39.5	100	1787
Marriage dissolved	23.6	13.1	63.3	100	139
Never married	59.1	20.5	20.4	100	629
<i>Literacy and education</i>					
Illiterate	22.4	16.8	60.8	100	880
Primary	58.1	13.4	28.6	100	163
Middle	47.2	19.6	33.3	100	409
Secondary	47.3	26.3	26.4	100	169
Secondary+	71.1	15.6	13.3	100	932
<i>Occupation</i>					
Cultivator	55.2	11.3	33.5	100	516
Agricultural labourer	35.9	21.6	42.5	100	146
Non-agricultural labourer	46.7	17.4	36.0	100	426
Business	67.6	15.7	16.7	100	185
Salaried employment	82.4	15.0	2.5	100	154
Housework	24.2	21.5	54.3	100	824
Student	61.5	19.3	19.2	100	292
<i>Religion</i>					
Hindu	45.9	17.1	37.0	100	2198
Muslim	47.7	21.5	30.8	100	183
Jain	53.7	15.5	30.9	100	149
Other	61.8	17.7	20.6	100	25
<i>Caste/Tribe</i>					
Scheduled Caste	44.4	17.3	38.4	100	266
Scheduled Tribe	38.9	13.8	47.4	100	183
Other	47.7	17.7	34.6	100	2106
<i>Household SLI</i>					
Low	42.2	17.4	40.4	100	863
Medium	44.5	16.7	38.8	100	918
High	54.5	18.0	27.5	100	767
<i>Travel due to work</i>					
Yes	64.2	16.5	19.3	100	838
No	36.5	17.8	45.8	100	1717
<i>Total</i>	46.6	17.3	36.1	100	2555

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Table 2.23 RM: Percent distribution of RURAL MALE respondents by whether seen or heard of a condom, according to selected background characteristics

Characteristic	Condom				
	Seen	Heard but not seen	Neither heard nor seen	Total percent	Number
<i>Age</i>					
15-19	73.4	17.2	9.4	100	240
20-24	76.6	14.6	8.8	100	215
25-29	84.2	8.9	7.0	100	170
30-34	75.6	9.6	14.8	100	157
35-39	79.9	4.6	15.6	100	179
40-44	57.7	18.8	23.5	100	120
45-49	53.7	14.2	32.1	100	143
<i>Marital status</i>					
Currently married	71.0	11.3	17.7	100	779
Marriage dissolved	87.2	4.6	8.2	100	9
Never married	76.0	15.1	9.0	100	436
<i>Literacy and education</i>					
Illiterate	50.2	17.3	32.4	100	262
Primary	74.3	10.3	15.4	100	102
Middle	73.2	12.9	13.9	100	171
Secondary	62.6	26.2	11.2	100	82
Secondary+	85.8	8.2	6.0	100	607
<i>Occupation</i>					
Cultivator	70.2	10.7	19.1	100	418
Agricultural labourer	59.9	24.2	15.9	100	81
Non-agricultural labourer	68.5	13.7	17.7	100	239
Business	75.5	11.8	12.8	100	147
Salaried employment	87.4	11.8	0.8	100	128
Housework	51.5	48.5	0.0	100	4
Student	79.2	11.5	9.3	100	204
<i>Religion</i>					
Hindu	72.3	12.6	15.1	100	1059
Muslim	73.2	17.6	9.3	100	85
Jain	72.4	11.3	16.3	100	70
Other	100.0	0.0	0.0	100	10
<i>Caste/Tribe</i>					
Scheduled Caste	66.6	15.1	18.3	100	138
Scheduled Tribe	69.7	11.3	19.1	100	82
Other	74.0	12.4	13.6	100	1004
<i>Household SLI</i>					
Low	68.7	14.1	17.2	100	401
Medium	72.4	13.7	13.9	100	441
High	78.8	9.6	11.6	100	377
<i>Travel due to work</i>					
Yes	76.8	12.6	10.6	100	636
No	67.9	12.6	19.5	100	588
<i>Total</i>	72.9	12.6	14.5	100	1224

Note: Total includes persons with missing information on occupation and standard of living index.

Table 2.23 RF: Percent distribution of RURAL FEMALE respondents by whether seen or heard of a condom, according to selected background characteristics

Characteristic	Condom				Number
	Seen	Heard but not seen	Neither heard nor seen	Total percent	
<i>Age</i>					
15-19	14.2	32.1	53.7	100	219
20-24	24.8	22.1	53.1	100	192
25-29	28.6	22.4	49.0	100	225
30-34	27.4	15.7	56.9	100	186
35-39	22.8	19.7	57.5	100	221
40-44	11.4	26.9	61.8	100	153
45-49	15.7	11.3	73.1	100	135
<i>Marital status</i>					
Currently married	22.2	20.7	57.1	100	1008
Marriage dissolved	19.2	13.7	67.2	100	130
Never married	17.5	33.9	48.6	100	193
<i>Literacy and education</i>					
Illiterate	10.0	16.6	73.4	100	618
Primary	21.6	20.4	58.0	100	61
Middle	27.2	24.7	48.1	100	238
Secondary	29.1	26.5	44.4	100	87
Secondary+	40.6	31.0	28.4	100	325
<i>Occupation</i>					
Cultivator	8.5	13.3	78.3	100	98
Agricultural labourer	11.9	19.0	69.1	100	65
Non-agricultural labourer	17.9	22.1	59.9	100	187
Business	28.9	35.2	36.0	100	38
Salaried employment	59.8	29.6	10.6	100	26
Housework	24.1	21.5	54.5	100	820
Student	19.4	37.8	42.8	100	88
<i>Religion</i>					
Hindu	20.2	21.5	58.3	100	1139
Muslim	20.0	25.8	54.2	100	98
Jain	36.1	19.4	44.5	100	79
Other	35.0	30.0	35.0	100	15
<i>Caste/Tribe</i>					
Scheduled Caste	16.4	20.0	63.5	100	128
Scheduled Tribe	15.9	15.6	68.4	100	101
Other	22.4	22.8	54.9	100	1102
<i>Household SLI</i>					
Low	19.4	20.2	60.4	100	462
Medium	16.8	19.8	63.4	100	477
High	29.2	26.7	44.1	100	390
<i>Travel due to work</i>					
Yes	26.6	28.2	45.2	100	202
No	20.1	20.5	59.5	100	1129
<i>Total</i>	21.2	21.9	56.9	100	1331

Note: Total includes persons with missing information on education, occupation and standard of living index.

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Table 2.23 R: Percent distribution of RURAL respondents by whether seen or heard of a condom, according to selected background characteristics

Characteristic	Condom			Total percent	Number
	Seen	Heard but not seen	Neither heard nor seen		
<i>Age</i>					
15-19	46.1	24.1	29.9	100	459
20-24	52.5	18.1	29.4	100	407
25-29	54.1	16.2	29.7	100	395
30-34	49.0	13.0	38.0	100	343
35-39	49.5	12.7	37.9	100	400
40-44	32.7	23.2	44.1	100	273
45-49	35.2	12.8	52.0	100	278
<i>Marital status</i>					
Currently married	44.0	16.5	39.5	100	1787
Marriage dissolved	23.6	13.1	63.3	100	139
Never married	59.1	20.5	20.4	100	629
<i>Literacy and education</i>					
Illiterate	22.4	16.8	60.8	100	880
Primary	58.1	13.4	28.6	100	163
Middle	47.2	19.6	33.3	100	409
Secondary	47.3	26.3	26.4	100	169
Secondary+	71.1	15.6	13.3	100	932
<i>Occupation</i>					
Cultivator	55.2	11.3	33.5	100	516
Agricultural labourer	35.9	21.6	42.5	100	146
Non-agricultural labourer	46.7	17.4	36.0	100	426
Business	67.6	15.7	16.7	100	185
Salaried employment	82.4	15.0	2.5	100	154
Housework	24.2	21.5	54.3	100	824
Student	61.5	19.3	19.2	100	292
<i>Religion</i>					
Hindu	45.9	17.1	37.0	100	2198
Muslim	47.7	21.5	30.8	100	183
Jain	53.7	15.5	30.9	100	149
Other	61.8	17.7	20.6	100	25
<i>Caste/Tribe</i>					
Scheduled Caste	44.4	17.3	38.4	100	266
Scheduled Tribe	38.9	13.8	47.4	100	183
Other	47.7	17.7	34.6	100	2106
<i>Household SLI</i>					
Low	42.2	17.4	40.4	100	863
Medium	44.5	16.7	38.8	100	918
High	54.5	18.0	27.5	100	767
<i>Travel due to work</i>					
Yes	64.2	16.5	19.3	100	838
No	36.5	17.8	45.8	100	1717
<i>Total</i>	46.6	17.3	36.1	100	2555
Note: Total include persons with missing information on education, occupation and standard of living index.					

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Table 2.23 UM: Percent distribution of URBAN MALE respondents by whether seen or heard of a condom, according to selected background characteristics

Characteristic	Condom				Number
	Seen	Heard but not seen	Neither heard nor seen	Total percent	
<i>Age</i>					
15-19	65.9	22.2	12.0	100	221
20-24	85.4	8.7	5.8	100	231
25-29	89.2	3.3	7.4	100	170
30-34	91.6	5.7	2.8	100	151
35-39	80.4	5.4	14.2	100	163
40-44	75.1	11.2	13.8	100	119
45-49	66.0	19.9	14.1	100	124
<i>Marital status</i>					
Currently married	80.8	9.4	9.9	100	663
Marriage dissolved	68.0	14.5	17.5	100	5
Never married	77.4	13.4	9.3	100	511
<i>Literacy and education</i>					
Illiterate	57.5	17.9	24.6	100	156
Primary	68.2	16.8	15.0	100	53
Middle	77.9	10.9	11.3	100	160
Secondary	69.9	13.1	17.0	100	99
Secondary+	86.4	9.0	4.6	100	710
<i>Occupation</i>					
Cultivator	73.1	8.2	18.7	100	55
Agricultural labourer	55.1	35.3	9.6	100	11
Non-agricultural labourer	71.4	13.4	15.3	100	266
Business	82.0	9.0	9.0	100	378
Salaried employment	92.5	4.6	2.9	100	231
Housework	100.0	0.0	0.0	100	1
Student	72.9	17.7	9.4	100	234
<i>Religion</i>					
Hindu	79.0	10.3	10.8	100	905
Muslim	78.5	15.5	6.0	100	227
Jain	89.6	5.4	5.0	100	40
Other	80.7	19.3	0.0	100	7
<i>Caste/Tribe</i>					
Scheduled Caste	78.8	13.8	7.3	100	111
Scheduled Tribe	70.3	14.6	15.1	100	89
Other	80.2	10.5	9.4	100	979
<i>Household SLI</i>					
Low	72.1	14.1	13.9	100	241
Medium	76.3	13.1	10.6	100	338
High	83.4	9.0	7.6	100	599
<i>Travel due to work</i>					
Yes	85.1	8.5	6.5	100	485
No	75.3	12.9	11.8	100	694
<i>Total</i>	79.2	11.1	9.7	100	1179

Note: Total include persons with missing information on education, occupation and standard of living index.

Table 2.23 UF: Percent distribution of URBAN FEMALE respondents by whether seen or heard of a condom, according to selected background characteristics

Characteristic	Condom				Number
	Seen	Heard but not seen	Neither heard nor seen	Total percent	
<i>Age</i>					
15-19	9.5	35.7	54.8	100	207
20-24	29.0	34.1	36.9	100	211
25-29	45.9	25.4	28.7	100	202
30-34	51.0	23.6	25.5	100	162
35-39	34.2	25.2	40.7	100	194
40-44	37.7	25.9	36.4	100	100
45-49	28.7	15.8	55.6	100	112
<i>Marital status</i>					
Currently married	40.8	24.7	34.5	100	845
Marriage dissolved	13.9	25.4	60.8	100	72
Never married	13.3	37.2	49.4	100	271
<i>Literacy and education</i>					
Illiterate	13.2	22.7	64.1	100	265
Primary	25.7	25.4	48.9	100	39
Middle	25.0	24.5	50.5	100	194
Secondary	31.5	26.3	42.2	100	91
Secondary+	44.8	31.1	24.1	100	598
<i>Occupation</i>					
Cultivator	15.6	52.8	31.6	100	21
Agricultural labourer	14.0	16.5	69.5	100	14
Non-agricultural labourer	16.4	15.6	68.0	100	63
Business	42.7	17.7	39.6	100	87
Salaried employment	54.2	26.4	19.4	100	83
Housework	35.4	27.1	37.5	100	769
Student	16.1	37.9	46.1	100	147
<i>Religion</i>					
Hindu	35.0	28.7	36.3	100	916
Muslim	20.9	24.0	55.1	100	238
Jain	58.6	22.5	19.0	100	31
Other	100.0	0.0	0.0	100	3
<i>Caste/Tribe</i>					
Scheduled Caste	24.6	27.3	48.1	100	104
Scheduled Tribe	21.8	18.3	59.9	100	87
Other	35.0	28.5	36.5	100	997
<i>Household SLI</i>					
Low	13.1	24.3	62.6	100	258
Medium	29.5	24.9	45.6	100	325
High	42.2	30.1	27.8	100	604
<i>Travel due to work</i>					
Yes	50.0	31.3	18.8	100	94
No	31.4	27.2	41.4	100	1094
<i>Total</i>	33.0	27.6	39.5	100	1188

Note: Total includes persons with missing information on education, occupation and standard of living index.

Table 2.23 U: Percent distribution of URBAN respondents by whether seen or heard of a condom, according to selected background characteristics

Characteristic	Condom				
	Seen	Heard but not seen	Neither heard nor seen	Total percent	Number
<i>Age</i>					
15-19	38.7	28.7	32.6	100	428
20-24	58.9	20.7	20.4	100	442
25-29	65.4	15.5	19.2	100	372
30-34	70.6	14.9	14.5	100	313
35-39	55.2	16.2	28.6	100	357
40-44	58.2	17.8	24.0	100	219
45-49	48.3	18.0	33.8	100	236
<i>Marital status</i>					
Currently married	58.4	18.0	23.7	100	1508
Marriage dissolved	17.5	24.6	57.8	100	77
Never married	55.4	21.6	23.0	100	782
<i>Literacy and education</i>					
Illiterate	29.7	20.9	49.4	100	421
Primary	50.8	20.3	28.9	100	92
Middle	49.4	18.2	32.4	100	354
Secondary	50.4	19.8	29.8	100	190
Secondary+	67.4	19.1	13.5	100	1308
<i>Occupation</i>					
Cultivator	56.0	21.5	22.5	100	76
Agricultural labourer	29.6	23.6	46.9	100	25
Non-agricultural labourer	60.4	13.8	25.8	100	329
Business	75.1	10.5	14.4	100	465
Salaried employment	82.8	10.1	7.1	100	314
Housework	35.5	27.0	37.5	100	770
Student	51.2	25.4	23.4	100	381
<i>Religion</i>					
Hindu	56.9	19.5	23.6	100	1821
Muslim	48.8	19.9	31.3	100	465
Jain	76.4	12.7	11.0	100	71
Other	86.2	13.8	0.0	100	10
<i>Caste/Tribe</i>					
Scheduled Caste	52.7	20.3	27.0	100	215
Scheduled Tribe	46.1	16.5	37.5	100	176
Other	57.4	19.6	23.0	100	1976
<i>Household SLI</i>					
Low	41.9	19.3	38.9	100	499
Medium	53.7	18.8	27.5	100	663
High	62.5	19.7	17.8	100	1203
<i>Travel due to work</i>					
Yes	78.9	12.5	8.6	100	579
No	48.7	21.6	29.7	100	1788
<i>Total</i>	56.1	19.4	24.6	100	2367

Note: Total includes persons with missing information on education, occupation and standard of living index.

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Table 2.23 TM: Percent distribution of TOTAL MALE respondents by whether seen or heard of a condom, according to selected background characteristics

Characteristic	Condom				
	Seen	Heard but not seen	Neither heard nor seen	Total percent	Number
<i>Place of residence</i>					
Rural	72.9	12.6	14.5	100	1224
Urban	79.2	11.1	9.7	100	1179
<i>Age</i>					
15-19	71.6	18.4	10.0	100	461
20-24	79.0	13.0	8.0	100	446
25-29	85.4	7.5	7.1	100	340
30-34	79.6	8.6	11.8	100	308
35-39	80.0	4.8	15.3	100	342
40-44	62.0	16.9	21.1	100	239
45-49	56.6	15.5	27.9	100	267
<i>Marital status</i>					
Currently married	73.2	10.9	16.0	100	1442
Marriage dissolved	83.9	6.3	9.8	100	14
Never married	76.4	14.6	9.1	100	947
<i>Literacy and education</i>					
Illiterate	51.4	17.4	31.2	100	418
Primary	73.5	11.2	15.4	100	155
Middle	74.4	12.4	13.3	100	331
Secondary	64.4	23.0	12.6	100	181
Secondary+	86.0	8.5	5.6	100	1317
<i>Occupation</i>					
Cultivator	70.3	10.6	19.1	100	473
Agricultural labourer	59.7	24.7	15.6	100	92
Non-agricultural labourer	69.3	13.6	17.1	100	505
Business	78.5	10.5	11.1	100	525
Salaried employment	89.5	8.9	1.6	100	359
Housework	55.5	44.5	0.0	100	5
Student	77.3	13.4	9.3	100	438
<i>Religion</i>					
Hindu	73.8	12.1	14.1	100	1964
Muslim	75.9	16.5	7.6	100	312
Jain	76.0	10.0	14.0	100	110
Other	98.2	1.8	0.0	100	17
<i>Caste/Tribe</i>					
Scheduled Caste	69.2	14.8	16.0	100	249
Scheduled Tribe	69.8	12.2	18.0	100	171
Other	75.6	11.9	12.5	100	1983
<i>Household SLI</i>					
Low	69.2	14.1	16.7	100	642
Medium	73.3	13.6	13.2	100	779
High	80.4	9.4	10.2	100	976
<i>Travel due to work</i>					
Yes	78.4	11.8	9.8	100	1121
No	70.2	12.7	17.1	100	1282
<i>Total</i>	74.4	12.3	13.3	100	2403

Note: Total include 1, 6 and 6 cases with missing information on education, occupation and standard of living index.

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Table 2.23 TF: Percent distribution of TOTAL FEMALE respondents by whether seen or heard of a condom, according to selected background characteristics

Characteristic	Condom				
	Seen	Heard but not seen	Neither heard nor seen	Total percent	Number
<i>Place of residence</i>					
Rural	21.2	21.9	56.9	100	1331
Urban	33.0	27.6	39.5	100	1188
<i>Age</i>					
15-19	13.0	33.0	54.0	100	426
20-24	25.9	25.4	48.7	100	403
25-29	33.0	23.2	43.9	100	427
30-34	32.7	17.5	49.8	100	348
35-39	25.6	21.0	53.4	100	415
40-44	16.3	26.7	57.0	100	253
45-49	18.6	12.3	69.1	100	247
<i>Marital status</i>					
Currently married	26.4	21.6	51.9	100	1853
Marriage dissolved	18.3	15.7	66.1	100	202
Never married	16.1	35.0	48.9	100	464
<i>Literacy and education</i>					
Illiterate	10.4	17.3	72.3	100	883
Primary	22.5	21.4	56.2	100	100
Middle	26.7	24.7	48.6	100	432
Secondary	29.8	26.4	43.8	100	178
Secondary+	42.4	31.0	26.6	100	923
<i>Occupation</i>					
Cultivator	8.8	15.2	76.0	100	119
Agricultural labourer	12.1	18.8	69.1	100	79
Non-agricultural labourer	17.8	21.4	60.8	100	250
Business	35.3	27.0	37.6	100	125
Salaried employment	56.9	28.0	15.1	100	109
Housework	27.1	22.9	50.0	100	1589
Student	18.1	37.8	44.1	100	235
<i>Religion</i>					
Hindu	23.5	23.1	53.5	100	2055
Muslim	20.5	24.9	54.7	100	336
Jain	39.6	19.9	40.5	100	110
Other	36.8	29.2	34.0	100	18
<i>Caste/Tribe</i>					
Scheduled Caste	18.4	21.7	59.9	100	232
Scheduled Tribe	17.2	16.2	66.5	100	188
Other	25.4	24.2	50.4	100	2099
<i>Household SLI</i>					
Low	18.4	20.8	60.8	100	720
Medium	19.3	20.8	59.9	100	802
High	34.0	27.9	38.1	100	994
<i>Travel due to work</i>					
Yes	29.6	28.6	41.8	100	296
No	23.0	22.3	54.7	100	2223
<i>Total</i>	24.1	23.3	52.7	100	2519

Note: Total include 3, 13 and 3 cases with missing information on education, occupation and standard of

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Table 2.23 T: Percent distribution of TOTAL respondents by whether seen or heard of a condom, according to selected background characteristics

Characteristic	Condom				
	Seen	Heard but not seen	Neither heard nor seen	Total percent	Number
<i>Place of residence</i>					
Rural	46.6	17.3	36.1	100	2555
Urban	56.1	19.4	24.6	100	2367
<i>Age</i>					
15-19	44.3	25.2	30.5	100	887
20-24	54.3	18.8	27.0	100	849
25-29	56.9	16.0	27.1	100	767
30-34	54.1	13.4	32.4	100	656
35-39	50.8	13.5	35.7	100	757
40-44	38.2	22.0	39.8	100	492
45-49	38.3	14.0	47.8	100	514
<i>Marital status</i>					
Currently married	47.3	16.9	35.9	100	3295
Marriage dissolved	22.6	15.0	62.4	100	216
Never married	58.0	20.8	21.2	100	1411
<i>Literacy and education</i>					
Illiterate	23.4	17.4	59.3	100	1301
Primary	56.9	14.5	28.6	100	255
Middle	47.7	19.3	33.0	100	763
Secondary	48.1	24.6	27.3	100	359
Secondary+	69.8	16.8	13.4	100	2240
<i>Occupation</i>					
Cultivator	55.2	11.7	33.1	100	592
Agricultural labourer	35.6	21.7	42.8	100	171
Non-agricultural labourer	49.5	16.7	33.9	100	755
Business	71.0	13.4	15.7	100	650
Salaried employment	82.6	12.9	4.5	100	468
Housework	27.2	23.0	49.8	100	1594
Student	58.1	21.3	20.6	100	673
<i>Religion</i>					
Hindu	48.3	17.7	34.0	100	4019
Muslim	48.3	20.7	31.0	100	648
Jain	57.8	15.0	27.3	100	220
Other	63.1	17.5	19.5	100	35
<i>Caste/Tribe</i>					
Scheduled Caste	46.2	17.9	35.9	100	481
Scheduled Tribe	40.7	14.4	44.9	100	359
Other	50.1	18.1	31.8	100	4082
<i>Household SLI</i>					
Low	42.2	17.7	40.2	100	1362
Medium	46.4	17.2	36.5	100	1581
High	57.4	18.6	24.0	100	1970
<i>Travel due to work</i>					
Yes	66.8	15.8	17.4	100	1417
No	39.9	18.8	41.3	100	3505
<i>Total</i>	48.9	17.8	33.3	100	4922

Note: Total include 4, 19 and 9 cases with missing information on education, occupation and standard of living index.

Table 2.28 R: Percent RURAL respondents who are aware of the symptoms of STI among men and women, by sex of the respondent

Symptoms of STI	Yes		No	Don't know
	Spontaneous	After Probe		
<i>Male</i>				
Discharge from penis	8.3	31.6	23.0	37.1
Sores/ulcers/ blisters on or around the sex organ	7.0	32.8	22.3	37.9
Swelling in the groin	4.4	26.4	27.5	41.7
Painful swelling of the genitals/scrotum	3.6	28.5	25.8	42.2
Burning pain while passing urine	6.3	31.8	23.0	38.9
Other	10.9			
No symptoms	0.4	6.6	28.2	64.8
Don't know	27.4			
<i>Number</i>	1224			
<i>Female</i>				
Sores/ulcers/ blisters on or around the sex organ	6.17	41.5	27.8	24.5
Vaginal discharge	24.49	50.3	10.4	14.6
Painful swelling of the groin/vagina	3.79	40.5	28.6	27.0
Burning pain on urination	10.44	49.7	18.8	21.1
Pain when having sex	3.2	34.7	34.5	27.6
Chronic pain in the lower abdomen	1.83	37.1	33.8	27.3
Other	3.95			
No symptoms	0.05	5.3	35.1	59.5
Don't know	10.91			
<i>Number</i>	1331			

Table 2.28 U: Percent URBAN respondents who are aware of the symptoms of STI among men and women, by sex of the respondent

Symptoms of STI	Yes		No	Don't know
	Spontaneous	After Probe		
<i>Male</i>				
Discharge from penis	16.8	27.8	15.2	40.3
Sores/ulcers/ blisters on or around the sex organ	13.1	27.4	18.7	40.9
Swelling in the groin	5.8	25.1	25.5	43.7
Painful swelling of the genitals/scrotum	4.3	24.1	28.9	42.8
Burning pain while passing urine	7.4	28.1	24.4	40.2
Other	10.2			
No symptoms	0.3	5.7	37.3	56.8
Don't know	34.3			
<i>Number</i>	1179			
<i>Female</i>				
Sores/ulcers/ blisters on or around the sex organ	6.6	38.2	27.9	27.3
Vaginal discharge	21.2	61.2	7.4	10.2
Painful swelling of the groin/vagina	6.4	33.2	33.4	27.0
Burning pain on urination	10.1	52.1	20.5	17.3
Pain when having sex	2.3	34.7	35.5	27.5
Chronic pain in the lower abdomen	1.3	35.6	35.8	27.4
Other	5.3			
No symptoms	0.5	8.4	37.0	54.1
Don't know	8.6			
<i>Number</i>	1188			

Table 2.28 T: Percent TOTAL respondents who are aware of the symptoms of STI among men and women, by sex of the respondent

Symptoms of STI	Yes		No	Don't know
	Spontaneous	After Probe		
<i>Male</i>				
Discharge from penis	10.4	30.7	21.1	37.9
Sores/ulcers/ blisters on or around the sex organ	8.5	31.5	21.4	38.6
Swelling in the groin	4.7	26.1	27.0	42.2
Painful swelling of the genitals/scrotum	3.8	27.4	26.5	42.3
Burning pain while passing urine	6.6	30.9	23.3	39.2
Other	10.8			
No symptoms	0.4	6.4	30.5	62.8
Don't know	29.1			
<i>Number</i>	2403			
<i>Female</i>				
Sores/ulcers/ blisters on or around the sex organ	6.3	40.7	27.8	25.2
Vaginal discharge	23.7	52.9	9.7	13.6
Painful swelling of the groin/vagina	4.4	38.7	29.8	27.0
Burning pain on urination	10.3	50.3	19.2	20.2
Pain when having sex	3.0	34.7	34.8	27.5
Chronic pain in the lower abdomen	1.7	36.7	34.3	27.3
Other	4.3			
No symptoms	0.2	6.0	35.6	58.2
Don't know	10.4			
<i>Number</i>	2519			

Table 2.29 R: Percent RURAL respondents who ever had selected symptoms of STI or had selected symptoms of STI during the year preceding the survey, according to selected background characteristics

Characteristic	Male			Female			Total		
	Ever	Last 1 year	Number	Ever	Last 1 year	Number	Ever	Last 1 year	Number
<i>Age</i>									
15-19	7.3	6.8	240	9.7	1.2	219	8.4	4.2	459
20-24	2.9	1.9	215	16.7	7.3	192	9.3	4.4	407
25-29	7.0	2.9	170	19.0	6.1	225	13.5	4.6	395
30-34	5.1	2.7	157	24.2	5.7	186	15.6	4.3	343
35-39	2.0	0.9	179	12.1	2.6	221	7.4	1.8	400
40-44	6.1	0.0	120	17.2	4.4	153	12.1	2.4	273
45-49	2.7	2.0	143	14.5	1.9	135	8.5	1.9	278
<i>Marital status</i>									
Currently married	4.3	1.7	779	17.7	4.4	1008	11.7	3.2	1787
Marriage dissolved	0.0	0.0	9	19.4	7.8	130	18.1	7.3	139
Never married	5.8	4.8	436	5.2	0.5	193	5.6	3.6	629
<i>Literacy and education</i>									
Illiterate	4.4	2.0	262	22.2	6.2	618	16.7	4.9	880
Primary	8.4	4.3	102	13.6	1.6	61	10.0	3.5	163
Middle	10.2	5.2	171	11.4	3.1	238	10.9	4.0	409
Secondary	0.6	0.6	82	12.0	1.9	87	5.9	1.2	169
Secondary+	3.4	2.5	607	7.2	1.5	325	4.6	2.2	932
<i>Occupation</i>									
Cultivator	5.2	3.4	418	25.9	8.0	98	10.3	4.5	516
Agricultural labourer	1.8	0.9	81	17.4	4.0	65	9.6	2.5	146
Non-agricultural labourer	6.6	3.2	239	26.5	7.4	187	15.2	5.0	426
Business	3.2	0.8	147	19.9	7.0	38	6.0	1.9	185
Salaried employment	3.0	1.0	128	2.2	0.0	26	2.8	0.8	154
Housework	0.0	0.0	4	12.9	3.0	820	12.9	3.0	824
Student	5.0	4.3	204	3.1	0.5	88	4.4	3.2	292
<i>Religion</i>									
Hindu	4.3	2.4	1059	15.9	4.3	1139	10.2	3.4	2198
Muslim	6.7	4.9	85	15.1	6.6	98	10.7	5.7	183
Jain	5.5	3.9	70	12.6	2.6	79	9.1	3.2	149
Other	20.0	10.0	10	28.0	0.0	15	24.7	4.1	25
<i>Caste/Tribe</i>									
Scheduled Caste	5.8	3.6	138	12.2	3.7	128	8.6	3.6	266
Scheduled Tribe	7.4	0.7	82	19.3	6.5	101	14.2	4.0	183
Other	4.4	2.9	1004	16.1	4.0	1102	10.4	3.4	2106
<i>Household SLI</i>									
Low	5.9	3.7	401	19.0	5.0	462	12.9	4.4	863
Medium	5.0	1.8	441	14.7	5.2	477	9.9	3.5	918
High	3.6	3.2	377	13.6	2.1	390	8.5	2.7	767
<i>Travel due to work</i>									
Yes	5.4	2.5	636	19.6	5.5	202	9.0	3.3	838
No	4.0	3.2	588	15.3	3.9	1129	11.4	3.7	1717
<i>Total</i>	4.8	2.8	1224	16.1	4.2	1331	10.5	3.5	2555

Note: Total includes cases with missing information on education, occupation and standard of living index.

Table 2.29 U: Percent URBAN respondents who ever had selected symptoms of STI or had selected symptoms of STI during the year preceding the survey, according to selected background characteristics

Characteristic	Male			Female			Total		
	Ever	Last 1 year	Number	Ever	Last 1 year	Number	Ever	Last 1 year	Number
<i>Age</i>									
15-19	0.2	0.0	221	5.4	1.7	207	2.7	0.8	428
20-24	2.9	2.0	231	9.7	1.1	211	6.1	1.6	442
25-29	4.5	1.1	170	10.0	3.1	202	7.5	2.2	372
30-34	2.9	1.0	151	11.7	2.9	162	7.5	2.0	313
35-39	2.7	1.0	163	10.8	3.8	194	7.1	2.5	357
40-44	2.8	1.1	119	5.4	0.0	100	4.0	0.6	219
45-49	5.6	0.0	124	4.0	0.0	112	4.9	0.0	236
<i>Marital status</i>									
Currently married	3.2	0.4	663	9.4	2.2	845	6.7	1.4	1508
Marriage dissolved	0.0	0.0	5	12.8	3.5	72	11.9	3.3	77
Never married	2.5	1.6	511	4.8	1.3	271	3.3	1.5	782
<i>Literacy and education</i>									
Illiterate	2.2	0.4	156	12.8	4.8	265	8.9	3.2	421
Primary	3.5	0.0	53	0.0	0.0	39	2.1	0.0	92
Middle	2.8	1.6	160	15.1	3.1	194	9.4	2.4	354
Secondary	3.5	0.0	99	8.9	0.0	91	6.3	0.0	190
Secondary+	2.9	1.1	710	5.1	0.9	598	3.9	1.0	1308
<i>Occupation</i>									
Cultivator	4.8	1.2	55	8.5	4.3	21	5.9	2.1	76
Agricultural labourer	8.0	0.0	11	7.6	7.6	14	7.8	4.7	25
Non-agricultural labourer	1.7	0.5	266	16.5	6.8	63	4.7	1.8	329
Business	4.5	1.1	378	18.2	2.0	87	6.9	1.3	465
Salaried employment	2.8	1.1	231	5.6	0.0	83	3.5	0.8	314
Housework	0.0	0.0	1	8.1	1.9	769	8.1	1.9	770
Student	1.3	0.9	234	3.4	0.7	147	2.1	0.8	381
<i>Religion</i>									
Hindu	2.8	0.8	905	7.8	1.7	916	5.3	1.3	1821
Muslim	3.2	1.0	227	11.3	3.2	238	7.4	2.1	465
Jain	0.0	0.0	40	7.5	5.2	31	3.2	2.2	71
Other	12.9	12.9	7	41.0	0.0	3	20.9	9.2	10
<i>Caste/Tribe</i>									
Scheduled Caste	4.8	0.8	111	5.1	2.1	104	5.0	1.5	215
Scheduled Tribe	3.0	1.3	89	9.4	2.5	87	6.2	1.9	176
Other	2.6	0.9	979	8.8	2.0	997	5.8	1.4	1976
<i>Household SLI</i>									
Low	3.4	1.8	241	11.6	4.6	258	7.6	3.2	499
Medium	2.5	0.8	338	9.0	2.0	325	5.6	1.4	663
High	2.9	0.7	599	7.2	1.1	604	5.1	0.9	1203
<i>Travel due to work</i>									
Yes	1.5	0.4	485	7.6	1.2	94	2.6	0.6	579
No	3.8	1.3	694	8.7	2.1	1094	6.7	1.8	1788
<i>Total</i>	2.9	0.9	1179	8.6	2.0	1188	5.7	1.5	2367

Note: Total include cases with missing information on education, occupation and standard of living index.

Table 2.29 T: Percent TOTAL respondents who ever had selected symptoms of STI or had selected symptoms of STI during the year preceding the survey, according to selected background characteristics

Characteristic	Male			Female			Total		
	Ever	Last 1 year	Number	Ever	Last 1 year	Number	Ever	Last 1 year	Number
<i>Place of residence</i>									
Rural	4.8	2.8	1224	16.1	4.2	1331	10.5	3.5	2555
Urban	2.9	0.9	1179	8.6	2.0	1188	5.7	1.5	2367
<i>Age</i>									
15-19	5.6	5.2	461	8.6	1.3	426	7.0	3.4	887
20-24	2.9	2.0	446	14.8	5.6	403	8.4	3.7	849
25-29	6.4	2.4	340	16.7	5.3	427	12.0	4.0	767
30-34	4.5	2.3	308	21.4	5.1	348	13.7	3.8	656
35-39	2.2	0.9	342	11.8	2.9	415	7.3	2.0	757
40-44	5.3	0.3	239	15.0	3.6	253	10.4	2.0	492
45-49	3.4	1.5	267	12.1	1.5	247	7.6	1.5	514
<i>Marital status</i>									
Currently married	4.0	1.4	1442	15.8	3.9	1853	10.5	2.8	3295
Marriage dissolved	0.0	0.0	14	18.3	7.1	202	17.1	6.6	216
Never married	4.9	3.9	947	5.1	0.8	464	4.9	2.9	1411
<i>Literacy and education</i>									
Illiterate	4.0	1.8	418	21.0	6.1	883	15.7	4.7	1301
Primary	7.7	3.7	155	10.8	1.3	100	8.8	2.9	255
Middle	8.4	4.3	331	12.3	3.1	432	10.6	3.7	763
Secondary	1.3	0.5	181	11.2	1.4	178	6.0	0.9	359
Secondary+	3.2	2.1	1317	6.3	1.2	923	4.4	1.8	2240
<i>Occupation</i>									
Cultivator	5.2	3.3	473	25.0	7.8	119	10.1	4.4	592
Agricultural labourer	2.1	0.9	92	16.7	4.3	79	9.5	2.6	171
Non-agricultural labourer	5.3	2.5	505	25.4	7.4	250	13.1	4.4	755
Business	3.8	1.0	525	19.1	4.7	125	6.4	1.6	650
Salaried employment	2.9	1.1	359	4.0	0.0	109	3.1	0.8	468
Housework	0.0	0.0	5	11.6	2.7	1589	11.6	2.7	1594
Student	3.9	3.3	438	3.2	0.6	235	3.7	2.4	673
<i>Religion</i>									
Hindu	4.0	2.1	1964	14.1	3.7	2055	9.1	2.9	4019
Muslim	4.9	2.9	312	13.1	4.8	336	9.0	3.9	648
Jain	4.3	3.1	110	11.8	3.0	110	8.1	3.0	220
Other	19.4	10.3	17	28.3	0.0	18	24.5	4.4	35
<i>Caste/Tribe</i>									
Scheduled Caste	5.6	3.0	249	10.5	3.3	232	7.8	3.2	481
Scheduled Tribe	6.2	0.8	171	17.1	5.6	188	12.2	3.5	359
Other	4.0	2.4	1983	14.4	3.5	2099	9.3	3.0	4082
<i>Household SLI</i>									
Low	5.5	3.4	642	17.9	4.9	720	12.1	4.2	1362
Medium	4.5	1.5	779	13.6	4.6	802	9.0	3.0	1581
High	3.4	2.3	976	11.3	1.7	994	7.3	2.0	1970
<i>Travel due to work</i>									
Yes	4.7	2.1	1121	18.0	4.9	296	7.9	2.8	1417
No	3.9	2.6	1282	13.6	3.5	2223	10.1	3.1	3505
<i>Total</i>	4.3	2.3	2403	14.3	3.7	2519	9.4	3.0	4922

Note: Total include cases with missing information on education, occupation and standard of living index.

Table 2.30: Percent distribution of respondents who reported any symptoms of STI during the year preceding the survey by source of treatment, according to place of residence and sex

Source of treatment	Rural			Urban			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Govt. clinic / hospital	19.4	19.5	19.5	8.7	30.4	23.7	18.4	21.0	20.0
Pvt. clinic/doctor	52.9	47.3	49.5	35.8	37.6	37.0	51.2	46.0	48.0
Pharmacy	3.3	0.0	1.3	0.0	0.0	0.0	3.0	0.0	1.1
Home Remedy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PSI (KEY) Clinic	3.5	0.0	1.4	10.6	0.0	3.3	4.2	0.0	1.6
Other	0	7.3	4.4	0.0	5.3	3.6	0.0	7.0	4.3
No treatment	40.5	30.3	34.3	45.0	32.0	36.0	41.0	30.5	34.5
Don't Know	0.0	0.7	0.5	0.0	0.0	0.0	0.0	0.6	0.4
Total percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number	29	47	76	12	24	36	41	71	112

STI symptoms for females are: Vaginal discharge, lower abdominal pain without diarrhoea and not during a period, and genital ulcer/sore

STI symptoms for males are: Urethral discharge, and genital ulcer/sore

Percent may add more than 100.0 due to multiple responses.

Belgaum District

Table 3.1 R: Among the RURAL respondents who have given any biological sample, percentage tested HIV positive, according to sex and selected background characteristics

Characteristic	Male		Female		Total	
	Percent	Number	Percent	Number	Percent	Number
<i>Age</i>						
15-19	0.16	232	0.00	209	0.09	441
20-24	0.33	207	1.12	183	0.70	390
25-29	0.00	163	3.01	216	1.62	379
30-34	3.04	149	4.18	181	3.68	330
35-39	4.98	169	3.05	208	3.96	377
40-44	1.17	114	0.55	143	0.85	257
45-49	1.48	135	0.53	125	1.02	260
<i>Level of significance of X^2</i>	Pr<.01		Pr<.01		Pr<.01	
<i>Marital status</i>						
Currently married	2.18	742	0.99	963	1.53	1705
Marriage dissolved	0.00	8	11.87	120	11.20	128
Never married	0.25	419	0.00	182	0.18	601
<i>Level of significance of X^2</i>	Pr<.05		Pr<.01		Pr<.01	
<i>Literacy and education</i>						
Illiterate	2.68	248	1.99	585	2.21	833
Primary	2.85	95	1.20	57	2.36	152
Middle	2.87	161	0.67	227	1.63	388
Secondary	0.00	79	2.13	83	0.95	162
Secondary+	0.45	586	2.76	311	1.19	897
<i>Level of significance of X^2</i>	Pr<.01		Not significant		Pr<.05	
<i>Occupation</i>						
Cultivator	0.80	395	0.53	89	0.73	484
Agricultural labourer	2.31	76	5.14	59	3.66	135
Non-agricultural labourer	3.53	233	3.11	180	3.35	413
Business	1.26	139	5.20	38	1.95	177
Salaried employment	1.89	120	3.82	25	2.27	145
Housework	0.00	4	1.57	781	1.56	785
Student	0.00	199	0.00	84	0.00	283
<i>Level of significance of X^2</i>	Not significant		Pr<.05		Pr<.05	
<i>Religion</i>						
Hindu	1.57	1008	1.79	1080	1.68	2088
Muslim	0.00	83	0.00	96	0.00	179
Jain	2.63	68	3.65	74	3.15	142
Other	0.00	10	6.99	15	4.11	25
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Caste/Tribe</i>						
Scheduled Caste	1.93	130	0.37	118	1.24	248
Scheduled Tribe	0.90	80	4.26	91	2.69	171
Other	1.47	959	1.83	1056	1.65	2015
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Household SLI</i>						
Low	1.53	382	3.21	439	2.43	821
Medium	2.00	428	1.89	452	1.95	880
High	0.86	355	0.35	372	0.61	727
<i>Level of significance of X^2</i>	Not significant		Pr<.01		Pr<.01	
<i>Total</i>	1.48	1169	1.90	1265	1.69	2434

Table 3.1R (Contd.): Among the RURAL respondents who have given any biological sample, percentage tested HIV positive, according to sex and selected background characteristics

Characteristic	Male		Female		Total	
	Percent	Number	Percent	Number	Percent	Number
<i>Travel due to work</i>						
Yes	1.35	608	0.83	191	1.23	799
No	1.65	561	2.13	1074	1.96	1635
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Ever done blood transfusion</i>						
Yes	5.59	13	2.47	48	3.20	61
No	1.44	1156	1.88	1217	1.66	2373
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Sex with a non-regular partner in last 1 year</i>						
No	1.41	1152	1.91	1264	1.66	2416
Yes	5.79	17	0.00	1	4.46	18
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Ever had sex with more than one partner</i>						
No	1.29	1049	1.78	1256	1.55	2305
Yes	2.84	120	13.78	8	3.68	128
<i>Level of significance of X^2</i>	Pr<.01		Pr<.01		Pr<.01	
<i>Ever paid/received money for sex</i>						
No	1.40	1153	1.86	1262	1.64	2415
Yes	7.03	16	8.47	2	7.44	18
<i>Level of significance of X^2</i>	Not significant		Pr<.01		Pr<.01	
<i>Ever had any risk behaviour¹</i>						
No	1.29	1048	1.73	1255	1.53	2303
Yes	2.83	121	17.56	9	4.01	130
<i>Level of significance of X^2</i>	Pr<.01		Pr<.01		Pr<.01	
<i>Ever had symptoms of STI</i>						
No	1.46	1118	1.82	1086	1.63	2204
Yes	1.97	51	2.30	179	2.22	230
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Whether circumcised</i>						
Yes	0.00	95				
No	1.61	1074				
<i>Level of significance of X^2</i>	Not significant					
<i>Total</i>	1.48	1169	1.90	1265	1.69	2434

¹ Either had sex with a non-regular partner in the last 1 year, or ever had sex with more than one partner, or ever paid/received money for sex

Total includes cases with missing information on occupation, education, standard of living, ever had sex with more than one partner, ever paid/received money for sex and ever had any risk behaviour.

Pr<.01: Pearson Chi-square is significant below .01 level

Pr<.05: Person Chi-square is significant below .05 level

Belgaum District

Table 3.1U: Among the URBAN respondents who have given any biological sample, percentage tested HIV positive, according to sex and selected background characteristics

Characteristic	Male		Female		Total	
	Percent	Number	Percent	Number	Percent	Number
<i>Age</i>						
15-19	0.00	206	0.00	184	0.00	390
20-24	0.00	218	0.00	188	0.00	406
25-29	1.79	160	1.36	178	1.56	338
30-34	1.18	138	1.74	143	1.47	281
35-39	0.85	144	0.72	173	0.77	317
40-44	0.71	109	0.00	93	0.38	202
45-49	0.97	111	0.00	99	0.51	210
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Marital status</i>						
Currently married	1.14	604	0.38	756	0.71	1360
Marriage dissolved	0.00	5	5.01	65	4.63	70
Never married	0.13	477	0.00	237	0.09	714
<i>Level of significance of X^2</i>	Not significant		Pr<.01		Pr<.01	
<i>Literacy and education</i>						
Illiterate	1.32	140	1.37	241	1.35	381
Primary	2.88	51	0.00	35	1.73	86
Middle	2.21	152	1.61	184	1.89	336
Secondary	0.00	95	0.00	80	0.00	175
Secondary+	0.12	647	0.00	517	0.06	1164
<i>Level of significance of X^2</i>	Pr<.05		Not significant		Pr<.01	
<i>Occupation</i>						
Cultivator	0.00	54	0.00	20	0.00	74
Agricultural labourer	0.00	11	0.00	14	0.00	25
Non-agricultural labourer	0.85	239	1.52	57	0.99	296
Business	1.15	351	0.00	82	0.94	433
Salaried employment	0.73	211	1.71	71	0.96	282
Housework	0.00	1	0.60	684	0.60	685
Student	0.00	216	0.00	126	0.00	342
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Religion</i>						
Hindu	0.64	841	0.74	824	0.69	1665
Muslim	0.68	205	0.00	203	0.34	408
Jain	2.09	33	0.00	29	1.14	62
Other	0.00	7	0.00	2	0.00	9
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Caste/Tribe</i>						
Scheduled Caste	0.88	104	2.26	97	1.54	201
Scheduled Tribe	0.00	84	1.34	78	0.65	162
Other	0.74	898	0.33	883	0.53	1781
<i>Level of significance of X^2</i>	Not significant		Pr<.05		Not significant	
<i>Household SLI</i>						
Low	0.58	229	0.98	243	0.79	472
Medium	1.35	309	0.57	290	0.98	599
High	0.35	548	0.43	525	0.39	1073
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Total</i>	0.69	1086	0.58	1058	0.63	2144

Table 3.1U (Contd.): Among the URBAN respondents who have given any biological sample, percentage tested HIV positive, according to sex and selected background characteristics

Characteristic	Male		Female		Total	
	Percent	Number	Percent	Number	Percent	Number
<i>Travel due to work</i>						
Yes	0.79	449	0.00	82	0.66	531
No	0.61	637	0.63	976	0.63	1613
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Ever done blood transfusion</i>						
Yes	0.00	13	0.00	42	0.00	55
No	0.69	1073	0.61	1016	0.65	2089
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Sex with a non-regular partner in last 1 year</i>						
No	0.69	1073	0.58	1056	0.64	2129
Yes	0.00	13	0.00	2	0.00	15
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Ever had sex with more than one partner</i>						
No	0.62	999	0.59	1048	0.60	2047
Yes	1.40	87	0.00	8	1.29	95
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Ever paid/received money for sex</i>						
No	0.70	1064	0.58	1055	0.64	2119
Yes	0.00	22	0.00	1	0.00	23
<i>Level of significance of X^2</i>	Not significant		Pr<.01		Not significant	
<i>Ever had any risk behaviour¹</i>						
No	0.62	996	0.59	1048	0.61	2044
Yes	1.36	90	0.00	8	1.26	98
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Ever had symptoms of STI</i>						
No	0.71	1049	0.64	950	0.68	1999
Yes	0.00	37	0.00	108	0.00	145
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Whether circumcised</i>						
Yes	0.67	207				
No	0.69	879				
<i>Level of significance of X^2</i>	Not significant					
<i>Total</i>	0.69	1086	0.58	1058	0.63	2144

¹ Either had sex with a non-regular partner in the last 1 year, or ever had sex with more than one partner, or ever Total includes cases with missing information on occupation, education, ever had sex with more than one partner, ever paid/received money for sex and ever had any risk behaviour.

Pr<.01: Pearson Chi-square is significant below .01 level

Pr<.05: Person Chi-square is significant below .05 level

Table 3.1T: Among the TOTAL respondents who have given any biological sample, percentage tested HIV positive, according to sex and selected background characteristics

Characteristic	Male		Female		Total	
	Percent	Number	Percent	Number	Percent	Number
<i>Age</i>						
15-19	0.12	438	0.00	393	0.07	831
20-24	0.24	425	0.82	371	0.51	796
25-29	0.45	323	2.60	394	1.60	717
30-34	2.58	287	3.65	324	3.16	611
35-39	4.03	313	2.49	381	3.21	694
40-44	1.05	223	0.43	236	0.74	459
45-49	1.37	246	0.41	224	0.90	470
<i>Level of significance of X^2</i>	Pr<.01		Pr<.01		Pr<.01	
<i>Marital status</i>						
Currently married	1.95	1346	0.85	1719	1.34	3065
Marriage dissolved	0.00	13	10.71	185	10.07	198
Never married	0.22	896	0.00	419	0.15	1315
<i>Level of significance of X^2</i>	Pr<.05		Pr<.01		Pr<.01	
<i>Literacy and education</i>						
Illiterate	2.47	388	1.92	826	2.09	1214
Primary	2.85	146	0.95	92	2.25	238
Middle	2.71	313	0.89	411	1.69	724
Secondary	0.00	174	1.53	163	0.70	337
Secondary+	0.35	1233	1.60	828	0.80	2061
<i>Level of significance of X^2</i>	Pr<.01		Not significant		Pr<.01	
<i>Occupation</i>						
Cultivator	0.76	449	0.50	109	0.70	558
Agricultural labourer	2.20	87	4.70	73	3.42	160
Non-agricultural labourer	2.86	472	2.94	237	2.89	709
Business	1.21	490	2.79	120	1.49	610
Salaried employment	1.38	331	2.79	96	1.68	427
Housework	0.00	5	1.31	1465	1.31	1470
Student	0.00	415	0.00	210	0.00	625
<i>Level of significance of X^2</i>	Not significant		Pr<.05		Pr<.01	
<i>Religion</i>						
Hindu	1.36	1849	1.56	1904	1.46	3753
Muslim	0.33	288	0.00	299	0.17	587
Jain	2.53	101	3.05	103	2.79	204
Other	0.00	17	6.83	17	3.88	34
<i>Level of significance of X^2</i>	Not significant		Pr<.05		Pr<.05	
<i>Caste/Tribe</i>						
Scheduled Caste	1.71	234	0.82	215	1.31	449
Scheduled Tribe	0.66	164	3.56	169	2.17	333
Other	1.29	1857	1.47	1939	1.38	3796
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Household SLI</i>						
Low	1.37	611	2.87	682	2.17	1293
Medium	1.87	737	1.62	742	1.75	1479
High	0.68	903	0.38	897	0.53	1800
<i>Level of significance of X^2</i>	Pr<.05		Pr<.01		Pr<.01	
<i>Total</i>	1.28	2255	1.58	2323	1.43	4578

Note: Total includes cases with missing information on education, occupation and standard of living.

Table 3.1T (Contd.): Among the TOTAL respondents who have given any biological sample, percentage tested HIV positive, according to sex and selected background characteristics

Characteristic	Male		Female		Total	
	Percent	Number	Percent	Number	Percent	Number
<i>Travel due to work</i>						
Yes	1.24	1057	0.72	273	1.13	1330
No	1.33	1198	1.74	2050	1.59	3248
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Ever received blood transfusion</i>						
Yes	4.10	26	1.77	90	2.31	116
No	1.26	2229	1.58	2233	1.41	4462
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Sex with a non-regular partner in last 1 year</i>						
No	1.23	2225	1.59	2320	1.41	4545
Yes	4.77	30	0.00	3	3.73	33
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Ever had sex with more than one partner</i>						
No	1.12	2048	1.49	2304	1.32	4352
Yes	2.58	207	11.34	16	3.26	223
<i>Level of significance of X^2</i>	Pr<.01		Pr<.01		Pr<.01	
<i>Ever paid/received money for sex</i>						
No	1.23	2217	1.56	2317	1.39	4534
Yes	4.66	38	8.08	3	5.40	41
<i>Level of significance of X^2</i>	Not significant		Pr<.01		Pr<.05	
<i>Ever had any risk behaviour¹</i>						
No	1.12	2044	1.46	2303	1.30	4347
Yes	2.56	211	14.57	17	3.51	228
<i>Level of significance of X^2</i>	Pr<.01		Pr<.01		Pr<.01	
<i>Ever had symptoms of STI</i>						
No	1.27	2167	1.52	2036	1.39	4203
Yes	1.64	88	1.95	287	1.88	375
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Whether circumcised</i>						
Yes	0.29	302				
No	1.40	1953				
<i>Level of significance of X^2</i>	Not significant					
<i>Total</i>	1.28	2255	1.58	2323	1.43	4578

¹ Either had sex with a non-regular partner in the last 1 year, or ever had sex with more than one partner, or ever paid/received money for sex

Total includes cases with missing information on occupation, education, standard of living, ever had sex with more than one partner, ever paid/received money for sex and ever had any risk behaviour.

Pr<.01: Pearson Chi-square is significant below .01 level

Pr<.05: Person Chi-square is significant below .05 level

Table 3.2 R: Among the RURAL respondents who have given blood sample, percentage tested for active syphilis, according to sex and selected background characteristics

Characteristic	Male		Female		Total	
	Percent	Number	Percent	Number	Percent	Number
<i>Age</i>						
15-19	0.00	208	0.00	194	0.00	402
20-24	0.00	180	0.00	162	0.00	342
25-29	0.00	155	0.51	205	0.27	360
30-34	0.00	136	0.59	161	0.33	297
35-39	0.00	157	0.00	185	0.00	342
40-44	0.40	103	1.79	135	1.13	238
45-49	0.84	118	5.41	112	3.05	230
<i>Level of significance of X^2</i>	Not significant		Not significant		Pr<.05	
<i>Marital status</i>						
Currently married	0.20	671	0.95	878	0.61	1549
Marriage dissolved	0.00	6	2.00	107	1.91	113
Never married	0.00	380	0.00	169	0.00	549
<i>Level of significance of X^2</i>	Not significant		Pr<.01		Pr<.01	
<i>Literacy and education</i>						
Illiterate	0.24	222	1.66	527	1.22	749
Primary	0.41	84	0.00	54	0.28	138
Middle	0.00	143	0.37	214	0.21	357
Secondary	0.00	67	0.00	74	0.00	141
Secondary+	0.08	541	0.00	284	0.05	825
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Occupation</i>						
Cultivator	0.10	365	5.31	75	1.24	440
Agricultural labourer	1.02	66	1.66	55	1.35	121
Non-agricultural labourer	0.18	204	0.60	163	0.35	367
Business	0.00	129	0.00	35	0.00	164
Salaried employment	0.00	110	6.44	23	1.09	133
Housework	0.00	4	0.12	716	0.12	720
Student	0.00	176	0.00	78	0.00	254
<i>Level of significance of X^2</i>	Not significant		Pr<.05		Pr<.05	
<i>Religion</i>						
Hindu	0.10	912	1.03	979	0.57	1891
Muslim	0.63	71	0.00	89	0.32	160
Jain	0.00	65	0.00	73	0.00	138
Other	0.00	9	0.00	13	0.00	22
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Caste/Tribe</i>						
Scheduled Caste	0.00	101	0.55	106	0.27	207
Scheduled Tribe	0.70	74	1.66	83	1.18	157
Other	0.09	882	0.87	965	0.48	1847
<i>Level of significance of X^2</i>	Not significant		Pr<.05		Pr<.01	
<i>Total</i>	0.13	1057	0.91	1154	0.52	2211

Table 3.2 R (Contd.): Among the RURAL respondents who have given blood sample, percentage tested for active syphilis, according to sex and selected background characteristics

Characteristic	Male		Female		Total	
	Percent	Number	Percent	Number	Percent	Number
<i>Household SLI</i>						
Low	0.41	335	0.84	392	0.64	727
Medium	0.00	391	1.80	416	0.86	807
High	0.00	327	0.00	344	0.00	671
<i>Level of significance of X^2</i>	Pr<.05		Not significant		Pr<.05	
<i>Travel due to work</i>						
Yes	0.13	549	0.00	169	0.10	718
No	0.12	508	1.09	985	0.76	1493
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Sex with a non-regular partner in last 1 year</i>						
No	0.13	1040	0.91	1153	0.52	2193
Yes	0.00	17	0.00	1	0.00	18
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Ever had sex with more than one partner</i>						
No	0.10	946	0.92	1145	0.54	2091
Yes	0.28	111	0.00	8	0.26	119
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Ever paid/received money for sex</i>						
No	0.13	1041	0.91	1151	0.52	2192
Yes	0.00	16	0.00	2	0.00	18
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Ever had any risk behaviour¹</i>						
No	0.10	945	0.92	1144	0.54	2089
Yes	0.28	112	0.00	9	0.26	121
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Ever had symptoms of STI</i>						
No	0.13	1010	0.44	981	0.28	1991
Yes	0.00	47	3.01	173	2.35	220
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Whether circumcised</i>						
Yes	0.49	84				
No	0.10	973				
<i>Level of significance of X^2</i>	Not significant					
<i>Total</i>	0.13	1057	0.91	1154	0.52	2211

¹ Either had sex with a non-regular partner in the last 1 year, or ever had sex with more than one partner, or ever paid/received money for sex

Total includes cases with missing information on education, occupation, standard of living, ever had sex with more than one partner, ever paid/received money for sex and ever had any risk behaviour.

Pr<.01: Pearson Chi-square is significant below .01 level

Pr<.05: Person Chi-square is significant below .05 level

Table 3.2U: Among the URBAN respondents who have given blood sample, percentage tested for active syphilis, according to sex and selected background characteristics

Characteristic	Male		Female		Total	
	Percent	Number	Percent	Number	Percent	Number
<i>Age</i>						
15-19	0.00	173	0.00	149	0.00	322
20-24	0.00	184	0.00	157	0.00	341
25-29	0.00	142	0.00	155	0.00	297
30-34	0.00	124	0.00	122	0.00	246
35-39	0.00	130	1.24	141	0.64	271
40-44	0.00	93	0.56	77	0.25	170
45-49	0.00	96	0.00	87	0.00	183
<i>Level of significance of X^2</i>	N.E.		Not significant		Not significant	
<i>Marital status</i>						
Currently married	0.00	540	0.33	638	0.18	1178
Marriage dissolved	0.00	5	0.00	57	0.00	62
Never married	0.00	397	0.00	193	0.00	590
<i>Level of significance of X^2</i>	N.E.		Not significant		Not significant	
<i>Literacy and education</i>						
Illiterate	0.00	113	0.21	206	0.13	319
Primary	0.00	44	0.00	32	0.00	76
Middle	0.00	136	0.83	162	0.44	298
Secondary	0.00	78	0.00	65	0.00	143
Secondary+	0.00	570	0.10	422	0.04	992
<i>Level of significance of X^2</i>	N.E.		Not significant		Not significant	
<i>Occupation</i>						
Cultivator	0.00	46	0.00	18	0.00	64
Agricultural labourer	0.00	9	0.00	10	0.00	19
Non-agricultural labourer	0.00	217	0.84	50	0.16	267
Business	0.00	302	0.00	70	0.00	372
Salaried employment	0.00	187	0.00	58	0.00	245
Housework	0.00	1	0.29	575	0.29	576
Student	0.00	178	0.00	103	0.00	281
<i>Level of significance of X^2</i>	N.E.		Not significant		Not significant	
<i>Religion</i>						
Hindu	0.00	733	0.31	686	0.15	1419
Muslim	0.00	173	0.00	175	0.00	348
Jain	0.00	29	0.00	26	0.00	55
Other	0.00	7	0.00	1	0.00	8
<i>Level of significance of X^2</i>	N.E.		Not significant		Not significant	
<i>Caste/Tribe</i>						
Scheduled Caste	0.00	91	0.00	76	0.00	167
Scheduled Tribe	0.00	73	0.00	64	0.00	137
Other	0.00	778	0.29	748	0.14	1526
<i>Level of significance of X^2</i>	N.E.		Not significant		Not significant	
<i>Total</i>	0.00	942	0.24	888	0.12	1830

Table 3.2U (Contd.): Among the URBAN respondents who have given blood sample, percentage tested for active syphilis, according to sex and selected background characteristics

Characteristic	Male		Female		Total	
	Percent	Number	Percent	Number	Percent	Number
<i>Household SLI</i>						
Low	0.00	196	0.45	212	0.23	408
Medium	0.00	279	0.00	248	0.00	527
High	0.00	467	0.28	428	0.14	895
<i>Level of significance of X^2</i>	N.E.		Not significant		Not significant	
<i>Travel due to work</i>						
Yes	0.00	392	0.00	60	0.00	452
No	0.00	550	0.26	828	0.15	1378
<i>Level of significance of X^2</i>	N.E.		Not significant		Not significant	
<i>Sex with a non-regular partner in last 1 year</i>						
No	0.00	929	0.24	886	0.12	1815
Yes	0.00	13	0.00	2	0.00	15
<i>Level of significance of X^2</i>	N.E.		Not significant		Not significant	
<i>Ever had sex with more than one partner</i>						
No	0.00	865	0.19	878	0.10	1743
Yes	0.00	77	6.08	8	0.50	85
<i>Level of significance of X^2</i>	N.E.		Pr<.01		Pr<.05	
<i>Ever paid/received money for sex</i>						
No	0.00	920	0.24	885	0.12	1805
Yes	0.00	22	0.00	1	0.00	23
<i>Level of significance of X^2</i>	N.E.		Not significant		Not significant	
<i>Ever had any risk behaviour¹</i>						
No	0.00	862	0.19	878	0.10	1740
Yes	0.00	80	6.08	8	0.48	88
<i>Level of significance of X^2</i>	N.E.		Pr<.01		Pr<.05	
<i>Ever had symptoms of STI</i>						
No	0.00	907	0.27	789	0.13	1696
Yes	0.00	35	0.00	99	0.00	134
<i>Level of significance of X^2</i>	N.E.		Not significant		Not significant	
<i>Whether circumcised</i>						
Yes	0.00	862				
No	0.00	80				
<i>Level of significance of X^2</i>	N.E.					
<i>Total</i>	0.00	942	0.24	888	0.12	1830

¹ Either had sex with a non-regular partner in the last 1 year, or ever had sex with more than one partner, or ever paid/received money for sex

Total includes cases with missing information on education, occupation, ever had sex with more than one partner, ever paid/received money for sex and ever had any risk behaviour.

Pr<.01: Pearson Chi-square is significant below .01 level

Pr<.05: Person Chi-square is significant below .05 level

Belgaum District

Table 3.2T: Among the TOTAL respondents who have given blood sample, percentage tested for active syphilis, according to sex and selected background characteristics

Characteristic	Male		Female		Total	
	Percent	Number	Percent	Number	Percent	Number
<i>Age</i>						
15-19	0.00	381	0.00	343	0.00	724
20-24	0.00	364	0.00	319	0.00	683
25-29	0.00	297	0.39	360	0.21	657
30-34	0.00	260	0.46	283	0.25	543
35-39	0.00	287	0.29	326	0.15	613
40-44	0.30	196	1.53	212	0.92	408
45-49	0.64	214	4.08	199	2.30	413
<i>Level of significance of X^2</i>	Pr<.05		Not significant		Pr<.05	
<i>Marital status</i>						
Currently married	0.16	1211	0.81	1516	0.51	2727
Marriage dissolved	0.00	11	1.64	164	1.55	175
Never married	0.00	777	0.00	362	0.00	1139
<i>Level of significance of X^2</i>	Not significant		Pr<.05		Pr<.01	
<i>Literacy and education</i>						
Illiterate	0.20	335	1.48	733	1.08	1068
Primary	0.35	128	0.00	86	0.24	214
Middle	0.00	279	0.48	376	0.27	655
Secondary	0.00	145	0.00	139	0.00	284
Secondary+	0.06	1111	0.04	706	0.05	1817
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Occupation</i>						
Cultivator	0.10	411	4.99	93	1.19	504
Agricultural labourer	0.98	75	1.55	65	1.28	140
Non-agricultural labourer	0.13	421	0.63	213	0.31	634
Business	0.00	431	0.00	105	0.00	536
Salaried employment	0.00	297	3.11	81	0.59	378
Housework	0.00	5	0.16	1291	0.16	1296
Student	0.00	354	0.00	181	0.00	535
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Religion</i>						
Hindu	0.08	1645	0.88	1665	0.47	3310
Muslim	0.32	244	0.00	264	0.16	508
Jain	0.00	94	0.00	99	0.00	193
Other	0.00	16	0.00	14	0.00	30
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Caste/Tribe</i>						
Scheduled Caste	0.00	192	0.43	182	0.20	374
Scheduled Tribe	0.51	147	1.26	147	0.88	294
Other	0.07	1660	0.73	1713	0.40	3373
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Total</i>	0.10	1999	0.75	2042	0.42	4041

Table 3.2 T (Contd.): Among the TOTAL respondents who have given blood sample, percentage tested for active syphilis, according to sex and selected background characteristics

Characteristic	Male		Female		Total	
	Percent	Number	Percent	Number	Percent	Number
<i>Household SLI</i>						
Low	0.34	531	0.77	604	0.57	1135
Medium	0.00	670	1.44	664	0.68	1334
High	0.00	794	0.10	772	0.05	1566
<i>Level of significance of X^2</i>	Pr<.05		Pr<.05		Pr<.01	
<i>Travel due to work</i>						
Yes	0.10	941	0.00	229	0.08	1170
No	0.09	1058	0.87	1813	0.59	2871
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Sex with a non-regular partner in last 1 year</i>						
No	0.10	1969	0.75	2039	0.42	4008
Yes	0.00	30	0.00	3	0.00	33
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Ever had sex with more than one partner</i>						
No	0.08	1811	0.74	2023	0.43	3834
Yes	0.23	188	1.10	16	0.30	204
<i>Level of significance of X^2</i>	Not significant		Pr<.01		Not significant	
<i>Ever paid/received money for sex</i>						
No	0.10	1961	0.75	2036	0.42	3997
Yes	0.00	38	0.00	3	0.00	41
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Ever had any risk behaviour¹</i>						
No	0.08	1807	0.74	2022	0.43	3829
Yes	0.23	192	1.06	17	0.30	209
<i>Level of significance of X^2</i>	Not significant		Pr<.01		Not significant	
<i>Ever had symptoms of STI</i>						
No	0.10	1917	0.40	1770	0.24	3687
Yes	0.00	82	2.54	272	1.97	354
<i>Level of significance of X^2</i>	Not significant		Not significant		Not significant	
<i>Whether circumcised</i>						
Yes	0.27	258				
No	0.08	1741				
<i>Level of significance of X^2</i>	Not significant					
<i>Total</i>	0.10	1999	0.75	2042	0.42	4041

¹ Either had sex with a non-regular partner in the last 1 year, or ever had sex with more than one partner, or ever paid/received money for sex

Total includes cases with missing information on education, occupation, standard of living, ever had sex with more than one partner, ever paid/received money for sex and ever had any risk behaviour.

Pr<.01: Pearson Chi-square is significant below .01 level

Pr<.05: Person Chi-square is significant below .05 level

GPS Mysore

Mysore District

Table 2.1: Percentage distribution of respondents who have ever heard of HIV/AIDS, according to selected background characteristics

Characteristic	Yes	No	Don't know	Total percent	Number
<i>Place of residence</i>					
Rural	84.8	9.0	6.2	100	2467
Urban	93.4	4.2	2.4	100	2186
<i>Sex</i>					
Male	84.8	7.6	7.6	100	2083
Female	91.2	6.6	2.2	100	2570
<i>Age</i>					
15-19	93.0	4.7	2.4	100	762
20-24	93.5	4.1	2.5	100	830
25-29	89.6	7.7	2.6	100	776
30-34	86.4	7.5	6.2	100	644
35-39	86.0	9.1	4.9	100	674
40-44	86.2	8.4	5.4	100	493
45-49	77.9	10.2	11.9	100	474
<i>Marital status</i>					
Currently married	86.6	8.1	5.4	100	3031
Marriage dissolved	85.6	10.2	4.3	100	206
Never married	92.6	4.4	3.0	100	1416
<i>Literacy and education</i>					
Illiterate	78.8	12.2	9.0	100	1728
Primary	87.2	8.0	4.9	100	217
Middle	92.1	5.3	2.6	100	607
Secondary	92.6	5.0	2.4	100	531
Secondary+	98.4	1.3	0.3	100	1570
<i>Occupation</i>					
Cultivator	78.6	14.6	6.4	100	592
Agricultural labourer	85.3	12.5	2.2	100	171
Non-agricultural labourer	78.7	17.3	3.9	100	755
Business	91.1	5.8	3.1	100	650
Salaried employment	97.7	1.3	1.0	100	468
Housework	81.4	15.9	2.7	100	1594
Student	96.2	3.0	0.7	100	673
<i>Religion</i>					
Hindu	88.0	7.2	4.8	100	4134
Muslim	90.7	6.0	3.4	100	478
Other	92.9	2.9	4.2	100	40
<i>Caste/Tribe</i>					
Scheduled Caste	84.0	7.8	8.2	100	805
Scheduled Tribe	86.6	9.3	4.2	100	1054
Other	90.4	6.0	3.6	100	2792
<i>Total</i>	88.3	7.1	4.7	100	4653

Mysore District

Table 2.2: Percentage of respondents who have ever heard AIDS according to source of information

Source of information	Rural			Urban			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Radio	46.6	12.8	27.8	45.1	25.2	33.7	46.0	18.2	30.3
Television	62.4	44.6	52.5	80.7	82.2	81.6	70.1	60.9	64.9
Cinema	10.1	3.6	6.5	25.0	12.5	17.9	16.3	7.5	11.4
Newspapers/magazines	38.5	13.8	24.7	53.0	32.3	41.2	44.5	21.8	31.8
Posters/hoardings	29.7	11.7	19.7	36.8	27.2	31.3	32.7	18.4	24.6
Exhibition/mela	0.9	0.6	0.7	2.2	0.7	1.3	1.4	0.6	1.0
Adult education program	1.1	1.6	1.4	1.3	1.1	1.2	1.2	1.4	1.3
Health worker/ANM	18.9	9.5	13.6	8.6	6.3	7.3	14.6	8.1	10.9
NGO worker	4.6	1.8	3.1	2.9	1.5	2.1	3.9	1.7	2.7
Anganwadi worker	0.9	1.7	1.3	0.2	1.3	0.8	0.6	1.5	1.1
AIDS counselor	0.9	1.1	1.0	0.9	0.7	0.8	0.9	0.9	0.9
Friend/neighbor/colleague	69.2	93.6	82.8	65.9	76.2	71.8	67.8	86.0	78.1
Sexual partner	0.7	0.4	0.5	0.7	1.0	0.9	0.7	0.7	0.7
Community meetings	0.9	2.2	1.6	1.0	1.4	1.2	0.9	1.8	1.4
Workplace	8.6	0.4	4.1	11.4	1.2	5.5	9.8	0.7	4.7
Schools/teachers	19.1	6.8	12.3	15.8	12.4	13.9	17.7	9.2	12.9
Religious leaders	0.0	0.3	0.2	0.2	0.2	0.2	0.1	0.3	0.2
Political leaders	0.6	0.3	0.4	0.2	0.0	0.1	0.4	0.1	0.3
Other	1.8	2.8	2.4	2.4	1.7	2.0	2.1	2.3	2.2
Don't know	0.0	0.1	0.1	0.2	0.3	0.2	0.1	0.2	0.1
Number	927	1,191	2,118	876	1184	2,060	1,803	2,375	4,178

The percentages do not add to 100.0; multiple responses are coded.

Maysore District

Table 7.4R: Percentage distribution of RURAL respondents who have ever heard of HIV/AIDS according to their perception of how HIV/AIDS is transmitted according to sex

Modes of transmission of HIV/AIDS	Male					Female				
	Yes		No	Don't know	Missing	Yes		No	Don't know	Missing
	Spontaneous	After probe				Spontaneous	After probe			
Unprotected sexual contact	45.3	43.1	0.9	10.8	0.2	10.4	33.7	1.6	54.3	0.0
Blood transfusion	21.6	53.6	7.8	17.0	0.0	27.6	59.0	1.3	12.1	0.0
Mother to child	6.9	64.5	7.8	20.7	0.0	22.1	66.5	2.0	9.5	0.0
Mosquito bites	3.1	39.1	31.2	26.7	0.0	3.6	52.3	30.1	13.9	0.0
Shaking hands	0.2	17.4	57.0	25.4	0.0	0.6	34.5	51.5	13.3	0.0
Swimming or bathing	0.0	21.4	53.3	25.3	0.0	0.8	34.6	50.3	14.3	0.0
Sharing meals	4.7	31.7	44.8	18.8	0.0	2.2	39.8	44.8	13.2	0.1
Sharing shaving sets	30.1	49.8	8.0	12.0	0.0	17.1	61.4	7.6	14.0	0.2
Sharing needles/ syringes	32.4	49.8	6.7	11.2	0.0	43.5	46.0	2.0	8.5	0.0
Saliva	3.0	35.4	31.6	30.0	0.0	0.8	40.8	39.8	18.6	0.0
Tears	0.3	19.2	45.1	35.5	0.0	0.6	34.3	47.1	18.0	0.0
Touching/hugging	0.4	22.5	49.7	27.4	0.0	0.6	36.5	46.3	16.6	0.0
Kissing	2.1	32.1	37.4	28.5	0.0	0.8	41.1	40.5	17.6	0.0
Other	36.9		63.1		0.0	53.9		46.1		0.0
Number	927					1191				

Table 7.4U: Percentage distribution of URBAN respondents who have ever heard of HIV/AIDS according to their perception of how HIV/AIDS is transmitted according to sex

Modes of transmission of HIV/AIDS	Male					Female				
	Yes		No	Don't know	Missing	Yes		No	Don't know	Missing
	Spontaneous	After probe				Spontaneous	After probe			
Unprotected sexual contact	58.7	35.2	1.2	5.0	0.0	17.3	45.3	4.9	32.5	0.0
Blood transfusion	41.2	46.4	4.3	8.1	0.0	44.2	44.6	2.9	8.3	0.0
Mother to child	10.6	60.3	14.9	14.3	0.0	24.7	62.2	5.0	8.2	0.0
Mosquito bites	1.8	33.1	49.0	16.0	0.0	1.9	31.9	51.1	15.1	0.0
Shaking hands	0.1	9.4	77.2	13.3	0.0	1.1	18.1	69.1	11.7	0.0
Swimming or bathing	0.3	13.3	72.7	13.7	0.0	0.7	18.8	66.9	13.6	0.0
Sharing meals	1.2	17.5	69.0	12.3	0.0	2.1	21.7	63.4	12.9	0.0
Sharing shaving sets	36.0	49.4	9.2	5.4	0.0	20.8	56.3	10.8	12.1	0.0
Sharing needles/ syringes	48.0	44.3	4.1	3.6	0.0	59.8	31.0	2.2	7.0	0.0
Saliva	2.0	25.8	52.2	20.1	0.0	1.5	24.0	58.0	16.4	0.1
Tears	0.2	11.2	66.4	22.2	0.0	0.2	18.2	65.2	16.4	0.0
Touching/hugging	0.7	12.4	72.2	14.7	0.0	0.4	18.8	66.6	14.2	0.0
Kissing	1.2	20.4	62.0	16.4	0.0	0.6	23.7	58.1	17.7	0.1
Other	34.5		65.5		0.0	56.6		43.4		0.0
Number	876					1184				

Maysore District

Table 7.4T: Percentage distribution of TOTAL respondents who have ever heard of HIV/AIDS according to their perception of how HIV/AIDS is transmitted according to sex

Modes of transmission of HIV/AIDS	Male					Female				
	Yes		No	Don't know	Missing	Yes		No	Don't know	Missing
	Spontaneous	After probe				Spontaneous	After probe			
Unprotected sexual contact	50.9	39.8	1.0	8.3	0.1	13.4	38.7	3.1	44.9	0.0
Blood transfusion	29.8	50.6	6.4	13.3	0.0	34.8	52.7	2.0	10.5	0.0
Mother to child	8.5	62.7	10.8	18.0	0.0	23.2	64.6	3.3	8.9	0.0
Mosquito bites	2.5	36.6	38.7	22.2	0.0	2.9	43.5	39.2	14.4	0.0
Shaking hands	0.2	14.1	65.5	20.3	0.0	0.8	27.4	59.2	12.6	0.0
Swimming or bathing	0.1	18.0	61.4	20.5	0.0	0.7	27.7	57.5	14.0	0.0
Sharing meals	3.2	25.7	54.9	16.1	0.0	2.1	32.0	52.9	13.1	0.1
Sharing shaving sets	32.6	49.7	8.5	9.2	0.0	18.7	59.2	9.0	13.2	0.1
Sharing needles/ syringes	38.9	47.5	5.6	8.0	0.0	50.6	39.5	2.1	7.8	0.0
Saliva	2.6	31.4	40.2	25.8	0.0	1.1	33.5	47.7	17.7	0.0
Tears	0.2	15.8	54.0	29.9	0.0	0.4	27.3	55.0	17.3	0.0
Touching/hugging	0.5	18.3	59.1	22.1	0.0	0.5	28.8	55.1	15.6	0.0
Kissing	1.7	27.2	47.7	23.4	0.0	0.7	33.5	48.1	17.7	0.0
Other	35.9		64.1		0.0	55.1		44.9		0.0
Number	1803					2375				

Table 2.4: Among the respondents who have some knowledge about HIV/AIDS, the percentage who have specific misconceptions about transmission of HIV/AIDS, according to selected background characteristics

Characteristics	Any one misconception	Any two misconceptions	Any three misconceptions	More than three misconceptions	Number
<i>Sex</i>					
Male	57.0	38.4	30.0	23.8	1803
Female	57.4	37.5	33.1	30.4	2375
<i>Place of residence</i>					
Rural	64.6	45.4	39.2	34.1	2118
Urban	47.4	27.9	21.8	18.8	2060
<i>Age</i>					
15-19	51.6	32.8	27.2	23.7	716
20-24	53.5	28.9	23.4	19.6	775
25-29	57.7	39.8	31.0	27.6	706
30-34	60.6	41.6	34.7	31.1	568
35-39	61.7	44.0	38.4	33.5	590
40-44	55.9	35.8	31.1	28.4	428
45-49	64.1	49.4	43.8	35.2	395
<i>Marital status</i>					
Currently married	60.8	41.0	35.1	30.7	2671
Marriage dissolved	60.9	45.5	42.3	40.4	182
Never married	49.0	30.2	23.2	19.0	1325
<i>Literacy and education</i>					
Illiterate	65.7	48.4	42.7	38.5	1381
Primary	67.2	53.1	45.9	43.4	189
Middle	60.7	38.9	32.3	29.3	563
Secondary	56.6	32.9	28.4	23.2	498
Secondary+	45.0	25.2	18.2	13.6	1547
<i>Religion</i>					
Hindu	58.7	39.2	32.9	28.6	3706
Muslim	44.5	26.0	20.3	17.5	433
Other	28.7	13.4	13.4	6.7	38
<i>Caste/Tribe</i>					
Scheduled Caste	63.5	44.4	39.0	33.5	696
Scheduled Tribe	61.2	42.9	34.9	30.0	925
Other	53.7	33.9	28.2	24.7	2555
<i>Total</i>	57.3	37.9	31.7	27.5	4178

The misconceptions are: Mosquito bites, Shaking hands, Swimming or bathing, Sharing meals, Saliva, Tears, Touching or hugging and kissing

Mysore District

Table 7.5R: Percentage distribution of RURAL respondents who have ever heard of HIV/AIDS according to their perception of ways of preventing HIV/AIDS according to sex

Modes of preventing HIV/AIDS	Male					Female				
	Yes		No	Don't know	Missing	Yes		No	Don't know	Missing
	Spontaneous	After probe				Spontaneous	After probe			
Take medicine or herbal mixture before sex	0.9	2.7	39.0	57.4	0.0	0.9	15.6	30.1	53.4	0.0
Always use condoms	17.3	8.2	27.1	47.4	0.0	5.8	36.3	26.1	31.7	0.0
Avoid sharing injection needles	12.1	15.1	26.8	46.0	0.0	37.8	29.8	25.3	7.1	0.0
Don't share clothes or eating utensils	0.1	8.3	41.4	50.3	0.0	0.6	21.2	68.8	9.4	0.0
Avoid mosquito/insect bites	0.1	9.9	40.5	49.5	0.0	1.3	37.9	49.8	11.0	0.0
Eat nutritious food	0.4	10.2	40.8	48.6	0.0	8.0	38.1	42.6	11.2	0.0
Have sex only with one faithful partner	13.4	14.0	26.7	45.9	0.0	65.7	4.5	24.9	4.8	0.1
Other	7.2		92.8		0.0	0.0		100.0		0.0
Number	927					1191				

Table 7.5U: Percentage distribution of URBAN respondents who have ever heard of HIV/AIDS according to their perception of ways of preventing HIV/AIDS according to sex

Modes of preventing HIV/AIDS	Male					Female				
	Yes		No	Don't know	Missing	Yes		No	Don't know	Missing
	Spontaneous	After probe				Spontaneous	After probe			
Take medicine or herbal mixture before sex	0.6	3.6	43.4	52.1	0.3	0.9	15.5	37.7	45.9	0.0
Always use condoms	27.9	7.1	21.2	43.5	0.3	18.3	41.1	23.1	17.5	0.0
Avoid sharing injection needles	19.2	16.0	21.5	43.0	0.3	55.9	17.9	20.4	5.7	0.0
Don't share clothes or eating utensils	0.1	3.5	49.9	46.3	0.3	1.2	13.5	76.2	9.1	0.0
Avoid mosquito/insect bites	0.3	7.2	46.3	46.0	0.3	1.9	22.2	65.2	10.8	0.0
Eat nutritious food	0.3	9.0	44.9	45.6	0.3	5.3	33.6	50.5	10.6	0.0
Have sex only with one faithful partner	17.1	18.0	21.3	43.4	0.3	59.6	12.8	21.6	5.8	0.2
Number	876					1184				

Table 7.5T: Percentage distribution of TOTAL respondents who have ever heard of HIV/AIDS according to their perception of ways of preventing HIV/AIDS according to sex

Modes of preventing HIV/AIDS	Male					Female				
	Yes		No	Don't know	Missing	Yes		No	Don't know	Missing
	Spontaneous	After probe				Spontaneous	After probe			
Take medicine or herbal mixture before sex	0.8	3.1	40.9	55.2	0.1	0.9	15.6	33.4	50.1	0.0
Always use condoms	21.7	7.8	24.6	45.8	0.1	11.2	38.4	24.8	25.6	0.0
Avoid sharing injection needles	15.0	15.5	24.6	44.8	0.1	45.7	24.7	23.2	6.5	0.0
Don't share clothes or eating utensils	0.1	6.2	45.0	48.6	0.1	0.8	17.9	72.0	9.3	0.0
Avoid mosquito/insect bites	0.2	8.8	42.9	48.0	0.1	1.6	31.0	56.5	10.9	0.0
Eat nutritious food	0.3	9.7	42.5	47.3	0.1	6.8	36.2	46.1	10.9	0.0
Have sex only with one faithful partner	15.0	15.7	24.5	44.8	0.1	63.1	8.1	23.5	5.2	0.1
Other	4.2		95.8		0.0	0.0		100.0		0.0
Number	2146					2074				

Table 2.9 R: Percentage of RURAL respondents who have reported to have undergone an HIV test, according to selected background characteristics

Characteristic	Male		Female		Total	
	Percent	Number	Percent	Number	Percent	Number
<i>Age</i>						
15-19	1.4	159	3.0	212	2.2	371
20-24	9.0	194	10.2	180	9.5	374
25-29	2.9	163	2.8	205	2.8	368
30-34	5.1	101	2.2	164	3.2	265
35-39	0.8	119	1.4	191	1.2	310
40-44	6.6	94	0.0	112	2.9	206
45-49	0.5	94	0.3	123	0.4	217
<i>Marital status</i>						
Currently married	5.0	516	3.5	861	4.1	1377
Marriage dissolved	0.0	4	2.3	95	2.2	99
Never married	2.8	404	1.3	231	2.3	635
<i>Literacy and education</i>						
Illiterate	6.0	324	1.7	596	3.2	920
Primary	0.0	59	2.6	55	1.5	114
Middle	2.2	107	3.7	153	3.1	260
Secondary	2.7	126	3.8	156	3.3	282
Secondary+	3.9	308	7.1	227	5.0	535
<i>Religion</i>						
Hindu	4.0	900	3.1	1164	3.5	2064
Muslim	3.8	22	4.1	22	3.9	44
Other	0.0	2	Nil	0	0.0	2
<i>Caste/Tribe</i>						
Scheduled Caste	8.2	185	1.4	274	4.3	459
Scheduled Tribe	5.5	243	1.7	296	3.4	539
Other	1.4	496	4.6	615	3.2	1111
<i>Total</i>	4.0	924	3.1	1187	3.5	2111

Table 2.9 U: Percentage of URBAN respondents who have reported to have undergone an HIV test, according to selected background characteristics

Characteristic	Male		Female		Total	
	Percent	Number	Percent	Number	Percent	Number
<i>Age</i>						
15-19	0.0	147	1.8	191	1.0	338
20-24	0.4	193	9.2	205	5.1	398
25-29	4.9	123	14.8	213	11.2	336
30-34	9.4	134	4.2	166	6.5	300
35-39	4.5	114	1.4	165	2.7	279
40-44	8.1	83	0.9	139	3.7	222
45-49	2.9	81	2.4	97	2.6	178
<i>Marital status</i>						
Currently married	5.6	468	7.9	819	7.0	1287
Marriage dissolved	0.0	3	2.0	80	1.9	83
Never married	1.8	404	0.6	277	1.3	681
<i>Literacy and education</i>						
Illiterate	1.9	178	2.0	277	1.9	455
Primary	4.2	37	1.8	38	3.0	75
Middle	3.1	112	5.5	185	4.6	297
Secondary	4.2	83	5.0	132	4.7	215
Secondary+	4.9	465	8.9	544	7.0	1009
<i>Religion</i>						
Hindu	4.2	712	5.8	918	5.1	1630
Muslim	2.2	148	5.3	237	4.1	385
Other	3.9	15	9.6	21	7.4	36
<i>Caste/Tribe</i>						
Scheduled Caste	4.9	104	4.6	130	4.7	234
Scheduled Tribe	4.4	175	6.7	206	5.6	381
Other	3.6	596	5.7	840	4.8	1436
<i>Total</i>	3.9	875	5.8	1176	5.0	2051

Mysore District

Table 2.9 T: Percentage of TOTAL respondents who have reported to have undergone an HIV test, according to selected background characteristics

Characteristic	Male		Female		Total	
	Percent	Number	Percent	Number	Percent	Number
<i>Age</i>						
15-19	0.9	306	2.5	403	1.7	709
20-24	5.6	387	9.7	385	7.6	772
25-29	3.6	286	8.2	418	6.2	704
30-34	7.4	235	3.1	330	4.8	565
35-39	2.5	233	1.4	356	1.8	589
40-44	7.3	177	0.5	251	3.3	428
45-49	1.4	175	1.0	220	1.2	395
<i>Marital status</i>						
Currently married	5.3	984	5.3	1680	5.3	2664
Marriage dissolved	0.0	7	2.2	175	2.0	182
Never married	2.4	808	0.9	508	1.8	1316
<i>Literacy and education</i>						
Illiterate	4.7	502	1.7	873	2.8	1375
Primary	1.6	96	2.4	93	2.0	189
Middle	2.6	219	4.5	338	3.7	557
Secondary	3.2	209	4.3	288	3.8	497
Secondary+	4.4	773	8.4	771	6.2	1544
<i>Religion</i>						
Hindu	4.1	1612	4.1	2082	4.1	3694
Muslim	2.3	170	5.3	259	4.1	429
Other	3.7	17	9.6	21	7.2	38
<i>Caste/Tribe</i>						
Scheduled Caste	7.3	289	2.1	404	4.4	693
Scheduled Tribe	5.1	418	3.5	502	4.2	920
Other	2.4	1092	5.2	1455	4.0	2547
<i>Total</i>	4.0	1799	4.2	2363	4.1	4162

Mysore District

Table 2.12R: Percent of never married RURAL respondents who ever had sexual intercourse, by sex and other background characteristics

Characteristic	Male		Female		Total	
	Percent	Number	Percent	Number	Percent	Number
<i>Age</i>						
15-19	3.05	169	0	172	1.72	341
20-24	14.2	188	0	38	12.32	226
25-29	5.91	79	1.43	19	4.69	98
30-49	24.74	17	0	19	12.08	36
<i>Literacy and education</i>						
Illiterate	8.9	98	0.0	49	5.8	147
Primary	5.3	18	0.0	5	4.9	23
Middle	5.4	49	0.0	22	3.7	71
Secondary	1.6	74	0.0	52	0.9	126
Secondary+	11.2	214	0.4	120	7.9	334
<i>Religion</i>						
Hindu	7.9	443	0.2	240	5.4	683
Muslim	60.9	10	0.0	8	36.7	18
<i>Caste/Tribe</i>						
Scheduled Caste	6.7	110	0.0	73	4.7	183
Scheduled Tribe	14.7	123	0.0	65	9.1	188
Other	5.5	220	0.4	110	3.9	330
<i>Travel due to work</i>						
Yes	12.1	198	0.0	19	11.2	217
No	5.3	255	0.2	229	3.0	484
Total	8.4	453	0.2	248	5.7	701

Table 2.12 U: Percent of never married URBAN respondents who ever had sexual intercourse, by sex and other background characteristics

Characteristic	Male		Female		Total	
	Percent	Number	Percent	Number	Percent	Number
<i>Age</i>						
15-19	4.02	160	0.34	175	2.14	335
20-24	8.28	184	0	75	5.92	259
25-29	13.36	60	0	18	10.19	78
30-49	16.4	25	9.63	18	13.05	43
<i>Literacy and education</i>						
Illiterate	8.6	58	10.9	13	9.2	71
Primary	0.0	9	0.0	6	0.0	15
Middle	11.5	43	0.0	32	6.8	75
Secondary	4.9	47	0.0	27	3.2	74
Secondary+	7.5	272	0.3	208	4.4	480
<i>Religion</i>						
Hindu	8.4	357	1.1	221	5.6	578
Muslim	3.5	65	0.0	58	1.9	123
Other	8.8	7	0.0	7	3.9	14
<i>Caste/Tribe</i>						
Scheduled Caste	5.2	57	0.0	45	2.9	102
Scheduled Tribe	12.3	89	1.3	48	8.5	137
Other	6.6	283	1.0	193	4.3	476
<i>Travel due to work</i>						
Yes	10.2	94	0.0	5	9.7	99
No	6.8	335	0.9	281	4.0	616
Total	7.7	429	0.9	286	4.9	715

Mysore District

Table 2.12 T: Percent of never married TOTAL respondents who ever had sexual intercourse, by sex and other background characteristics

Characteristic	Male		Female		Total	
	Percent	Number	Percent	Number	Percent	Number
<i>Place of residence</i>						
Rural	8.4	453	0.16	248	5.68	701
Urban	7.7	429	0.85	286	4.92	715
<i>Age</i>						
15-19	3.43	329	0.16	347	1.9	676
20-24	11.61	372	0	113	9.21	485
25-29	8.82	139	0.94	37	6.77	176
30-49	20.2	42	5.08	37	12.6	79
<i>Literacy and education</i>						
Illiterate	8.8	156	2.5	62	6.8	218
Primary	4.2	27	0.0	11	3.4	38
Middle	7.6	92	0.0	54	4.9	146
Secondary	2.8	121	0.0	79	1.7	200
Secondary+	9.5	486	0.3	328	6.1	814
<i>Religion</i>						
Hindu	8.1	800	0.6	461	5.4	1261
Muslim	8.1	75	0.0	66	4.5	141
Other	8.8	7	0.0	7	3.9	14
<i>Caste/Tribe</i>						
Scheduled Caste	6.3	167	0.0	118	4.1	285
Scheduled Tribe	13.8	212	0.4	113	8.9	325
Other	6.0	503	0.7	303	4.1	806
<i>Travel due to work</i>						
Yes	11.5	292	0.0	24	10.7	316
No	6.0	590	0.5	510	3.5	1100
Total	8.1	882	0.5	534	5.4	1416

Polling Booth Survey among General Population

Sample Coverage, PBS 2007-08

District	# of selected villages	Total # of PBS session	Total # of individuals participated in the session						
			Total	mf(15-29)	mf(30-49)	mm(15-29)	mm(30-49)	uf(15-24)	um(15-24)
Bagalkot	35	207	2216	353	371	375	379	362	376
Bangalore Rural	15	90	977	170	161	155	161	165	165
Belgaum	30	180	2015	327	345	327	336	326	354
Bellary	10	60	725	117	121	114	126	122	125
Bijapur	15	90	1015	160	175	167	167	163	183
Davanagere	12	72	791	126	136	126	133	133	137
Dharwad	11	65	744	122	123	123	127	123	126
Gulbarga	23	138	1598	252	260	262	277	271	276
Hassan	10	59	649	117	114	103	103	109	103
Kolar	12	71	788	136	139	120	133	126	134
Mysore	15	89	997	176	170	147	162	161	181
Tumkur	13	78	785	131	130	130	131	132	131
All District	201	1199	13300	2187	2245	2149	2235	2193	2291

12589
DIS-325



Table:1 Knowledge of HIV transmission risk, correct use of condom & source of condom

Parameters	Bagalkot	Bangalore Rural	Belgaum	Bellary	Bijapur	Davanagere	Dharwad	Gulbarga	Hassan	Kolar	Mysore	Tumkur	All District
% of respondents who ever heard about HIV/AIDS	76.4	66.1	72.2	62.8	65.7	68.9	72.6	66.6	77.8	73.4	64.1	70.3	70.2
% of respondents who received any information about HIV/AIDS transmission and prevention from health workers, community worker, link workers etc	58.6	42.3	51.4	42.1	43.5	48.2	54.3	42.7	56.1	48.9	43.0	54.4	49.4
% of respondents who think that HIV/AIDS can be transmitted by mosquitoes	28.9	25.7	29.8	25.5	25.1	27.7	33.3	30.0	24.3	28.8	26.1	32.2	28.4
% of respondents who think that HIV/AIDS can be transmitted through sexual intercourse	60.7	51.6	56.6	48.7	49.8	57.9	61.3	49.4	59.0	53.8	48.7	58.5	54.9
% of respondents who think that they can tell whether a person has HIV by looking at the person	24.5	14.6	22.2	23.0	21.2	16.8	15.1	20.0	14.2	20.4	15.8	26.8	20.3
% of respondents who think that condom can protect against HIV	54.2	44.3	49.8	40.7	40.3	48.2	45.4	39.2	51.8	47.0	44.8	50.8	46.9
% of respondents who reported that it is not necessary to use condoms every time with every partner	33.6	21.9	26.6	24.4	21.5	30.0	30.0	24.7	30.2	25.3	22.9	37.3	27.5
% of respondents who think that anal sex is safe and a way to avoid catching HIV	22.2	18.8	21.9	18.8	21.7	20.1	18.0	20.8	19.9	21.4	17.5	25.2	20.8
% of respondent who know where to get condom	56.6	45.5	53.3	44.6	40.2	46.4	48.5	44.2	61.2	55.8	47.4	58.6	50.4
% of respondent who ever seen condom demonstration	39.7	18.1	28.4	24.4	24.8	23.8	25.1	25.0	26.0	32.4	23.2	28.8	27.9
Total N	2216	977	2015	725	1015	791	744	1598	649	788	997	785	13300

Table2: Knowledge of HIV transmission risk, correct use of condom & source of condom

Parameters	mf(15-29)	mf(30-49)	mf	mm(15-29)	mm(30-49)	mm	uf(15-24)	um(15-24)	All male	All female	Total
% of respondents who ever heard about HIV/AIDS	66.9	66.3	66.6	67.8	63.8	65.8	81.8	74.6	68.8	71.7	70.2
% of respondents who received any information about HIV/AIDS transmission and prevention from health workers, community worker, link workers etc	41.7	41.9	41.8	50.0	44.4	47.1	61.3	57.0	50.5	48.2	49.4
% of respondents who think that HIV/AIDS can be transmitted by mosquitoes	28.6	30.0	29.3	29.1	29.5	29.3	29.2	24.1	27.5	29.3	28.4
% of respondents who think that HIV/AIDS can be transmitted through sexual intercourse	49.6	45.2	47.4	56.3	49.9	53.0	63.7	64.8	57.0	52.8	54.9
% of respondents who think that they can tell whether a person has HIV by looking at the person	18.6	22.9	20.7	22.5	23.6	23.0	15.9	18.5	21.5	19.1	20.3
% of respondents who think that condom can protect against HIV	44.0	39.6	41.8	50.6	45.7	48.1	40.7	60.5	52.3	41.4	46.9
% of respondents who reported that it is not necessary to use condoms every time with every partner	30.5	27.6	29.0	28.1	29.2	28.6	27.5	22.4	26.5	28.5	27.5
% of respondents who think that anal sex is safe and a way to avoid catching HIV	17.6	20.6	19.2	23.1	21.4	22.2	19.2	22.8	22.4	19.2	20.8
% of respondent who know where to get condom	41.4	40.5	40.9	64.1	55.3	59.6	31.6	69.3	62.9	37.8	50.4
% of respondent who ever seen condom demonstration	22.5	24.6	23.6	38.5	34.0	36.2	12.2	35.4	36.0	19.8	27.9
Total N	2187	2245	4432	2149	2235	4384	2193	2291	6675	6625	13300

Table3: Abstinence and fidelity among unmarried and married individuals

District	% had sex before marriage with non-commercial opposite sex partner	N	% had sex outside marriage with opposite sex partner	N	% had sex with more than one partner in last 6month	N
Bagalkot	25.6	2216	23.1	1478	12.1	2216
Bangalore Rural	16.4	977	16.7	647	6.1	977
Belgaum	21.2	2015	16.8	1335	8.6	2015
Bellary	21.1	725	21.5	478	9.4	725
Bijapur	24.9	1015	19.9	669	10.0	1015
Davanagere	18.8	791	15.4	521	5.8	791
Dharwad	25.4	744	18.2	495	8.9	744
Gulbarga	22.9	1598	19.8	1051	10.7	1598
Hassan	14.3	649	14.0	437	5.9	649
Kolar	22.2	788	22.9	528	10.9	788
Mysore	20.4	997	20.5	655	9.0	997
Tumkur	22.3	785	20.9	522	11.2	785
Demographic group						
mf(15-29)	9.4	2187	10.2	2187	4.3	2187
mf(30-49)	10.8	2245	11.9	2245	5.4	2245
mf	10.1	4432	11.1	4432	4.9	4432
mm(15-29)	38.1	2149	25.8	2149	14.1	2149
mm(30-49)	39.0	2235	29.8	2235	16.5	2235
mm	38.5	4384	27.9	4384	15.3	4384
uf(15-24)	9.0	2193			4.4	2193
um(15-24)	25.1	2291			11.9	2291
All male	33.9	6675	27.9	4384	14.1	6675
All female	9.8	6625	11.1	4432	4.7	6625
Total	21.9	13300	19.4	8816	9.5	13300

Table4: % of UM/UF who used condom consistently and MM/MF who used condom last time they had sex outside marriage

District	% of UM/UF who used condom consistently in last 6 month				% of MM/MF who used condom last time they had sex outside marriage			
	uf(15-24)	N	um(15-24)	N	mf (15-49)	N	mm(15-49)	N
Bagalkot	53.3	30	85.4	48	40.2	107	40.0	235
Bangalore Rural	(0.0)	3	37.5	16	40.0	25	32.5	83
Belgaum	19.0	27	58.3	56	22.7	66	41.1	158
Bellary	(25.0)	4	27.3	11	32.1	28	32.0	75
Bijapur	(0.0)	5	64.7	34	37.5	48	38.8	85
Davanagere	(50.0)	2	58.3	12	43.8	16	37.5	64
Dharwad	(25.0)	4	46.7	15	35.3	17	43.8	73
Gulbarga	(38.5)	13	55.9	34	27.1	59	35.6	149
Hassan	(0.0)	0	40.0	5	30.8	13	31.3	48
Kolar	(50.0)	4	66.7	21	36.1	36	29.4	85
Mysore	(50.0)	6	63.0	27	26.5	34	37.0	100
Tumkur	(60.0)	5	71.4	14	51.2	43	37.9	66
All District	37.1	103	61.9	293	35.0	492	37.2	1221

() Based on sample size less than 25

Table5: Unsafe sex with FSWs

District	% ever had sex with FSW	% had sex with FSW in last 6 month	N	% used condom last time they had sex with FSW	N	% of MF who reported that that their husband visits sex worker	N
Bagalkot	15.2	8.3	1130	44.2	172	20.6	724
Bangalore Rural	8.7	5.0	481	35.7	42	7.9	331
Belgaum	12.8	6.6	1017	46.2	130	11.5	672
Bellary	17.3	8.2	365	39.7	63	26.1	238
Bijapur	13.2	6.6	517	51.5	68	14.3	335
Davanagere	12.1	6.1	396	50.0	48	11.8	262
Dharwad	12.5	6.6	376	48.9	47	8.6	245
Gulbarga	17.9	9.7	815	37.7	146	19.3	512
Hassan	15.2	5.8	309	27.7	47	16.5	231
Kolar	21.2	12.7	387	45.1	82	23.3	275
Mysore	12.9	6.7	490	69.8	63	15.3	346
Tumkur	16.1	11.7	392	49.2	63	14.9	261
mm(15-29)	15.4	7.9	2149	46.7	330		
mm(30-49)	18.4	9.9	2235	41.0	412		
mm	16.9	8.9	4384	43.5	742		
um(15-24)	10.0	5.7	2291	50.2	229		
mf(15-29)						14.4	2187
mf(30-49)						17.4	2245
Total	14.5	7.8	6675	45.1	971	16.0	4432

Table6: Men having sex with men

District	% of men ever had sex with other man	% of men ever had sex with other man in last 6 month	N	% used condom last time they had anal sex	N
Bagalkot	4.4	0.9	1130	44.0	50
Bangalore Rural	4.8	1.0	481	56.5	23
Belgaum	4.6	0.7	1017	31.9	47
Bellary	7.7	0.8	365	42.9	28
Bijapur	5.0	1.5	517	30.8	26
Davanagere	3.8	0.0	396	100.0	15
Dharwad	3.7	0.8	376	78.6	14
Gulbarga	5.9	1.2	815	56.3	48
Hassan	4.2	0.6	309	30.8	13
Kolar	8.3	3.1	387	46.9	32
Mysore	3.9	1.8	490	57.9	19
Tumkur	4.1	2.0	392	75.0	16
Demographic group					
mm(15-29)	3.5	0.0	2149	68.0	75
mm(30-49)	3.4	0.0	2235	88.2	76
mm	3.4	0.0	4384	78.1	151
um(15-24)	7.9	3.4	2291	26.1	180
Total	5.0	1.2	6675	49.8	331

Table 7: Consumption of alcohol

District	% of males consumes alcohol	% of males reported that their drinking cause problem at home	% of males ever had sex outside marriage after drinking	N
Bagalkot	38.4	20.4	9.2	1130
Bangalore Rural	38.9	18.9	8.3	481
Belgaum	37.9	18.3	8.8	1017
Bellary	43.8	20.5	12.9	365
Bijapur	42.7	20.5	7.7	517
Davanagere	32.8	16.7	8.6	396
Dharwad	40.4	19.7	8.5	376
Gulbarga	43.9	20.6	12.4	815
Hassan	38.8	17.2	5.8	309
Kolar	41.9	20.7	13.2	387
Mysore	41.8	16.7	9.0	490
Tumkur	46.4	24.5	16.3	392
Demographic group				
mm(15-29)	45.0	21.0	10.5	2149
mm(30-49)	47.2	24.7	13.1	2235
mm	46.1	22.9	11.8	4384
um(15-24)	29.4	13.3	6.4	2291
Total	40.4	19.6	10.0	6675

Table8: Forced Sex

District	% of males who ever forced any women to have sex	N	% of females ever been forced to have sex	N
Bagalkot	14.7	1130	12.0	1086
Bangalore Rural	8.5	481	5.2	496
Belgaum	9.3	1017	11.2	998
Bellary	14.8	365	11.7	360
Bijapur	9.9	517	8.2	498
Davanagere	9.6	396	3.8	395
Dharwad	13.0	376	5.4	368
Gulbarga	15.7	815	8.7	783
Hassan	8.1	309	3.5	340
Kolar	14.5	387	9.7	401
Mysore	8.8	490	8.5	507
Tumkur	13.5	392	8.7	393
Demographic group				
mm(15-29)	13.3	2149		
mm(30-49)	14.8	2235		
mm	14.1	4384		
um(15-24)	8.0	2291		
mf(15-29)			8.6	2187
mf(30-49)			11.6	2245
mf			10.1	4432
uf(15-24)			6.1	2193
All male	12.0	6675		
All Female			8.8	6625
Total	12.0	6675	8.8	6625

* For married persons including their spouse

Table9: % of married persons who discussed sex with their spouse in last 6 months

District	Married Male	N	Married Female	N
Bagalkot	31.2	754	33.4	724
Bangalore Rural	26.3	316	21.1	331
Belgaum	26.4	663	28.7	672
Bellary	29.2	240	23.5	238
Bijapur	28.7	334	21.2	335
Davanagere	29.0	259	14.9	262
Dharwad	32.4	250	16.3	245
Gulbarga	32.3	539	26.6	512
Hassan	28.2	206	24.7	231
Kolar	38.7	253	28.7	275
Mysore	25.2	309	28.0	346
Tumkur	34.5	261	27.2	261
Demographic group				
mm(15-29)	29.0	2149		
mm(30-49)	30.8	2235		
mm	29.9	4384		
mf(15-29)			26.2	2187
mf(30-49)			25.7	2245
mf			26.0	4432
Total	29.9	4384	26.0	4432

Table10: Willingness to be tested for HIV

District	% ever been tested for HIV	% willing to be tested for HIV	N
Bagalkot	21.3	46.7	2216
Bangalore Rural	12.6	32.9	977
Belgaum	16.0	48.0	2015
Bellary	14.8	37.0	725
Bijapur	13.1	37.3	1015
Davanagere	17.2	44.9	791
Dharwad	12.9	45.3	744
Gulbarga	17.6	39.5	1598
Hassan	18.2	52.2	649
Kolar	19.7	49.2	788
Mysore	14.5	39.0	997
Tumkur	16.2	50.3	785
Demographic group			
mf(15-29)	23.1	41.1	2187
mf(30-49)	19.3	37.6	2245
mf	21.2	39.3	4432
mm(15-29)	16.1	44.4	2149
mm(30-49)	18.2	40.3	2235
mm	17.2	42.3	4384
uf(15-24)	11.1	47.9	2193
um(15-24)	12.3	50.5	2291
All male	15.5	45.1	6675
All female	17.8	42.1	6625
Total	16.7	43.6	13300

Table 11: Personally involved with HIV

District	% who know any one with HIV	% ever provided help to PLHIV	% attended community meeting on HIV	N
Bagalkot	38.7	22.5	44.2	2216
Bangalore Rural	12.7	6.0	16.3	977
Belgaum	30.7	16.2	27.3	2015
Bellary	26.3	13.8	23.4	725
Bijapur	27.6	14.9	31.8	1015
Davanagere	18.1	8.1	25.0	791
Dharwad	23.8	9.9	25.5	744
Gulbarga	25.7	12.6	24.6	1598
Hassan	19.1	3.7	34.2	649
Kolar	29.3	11.3	28.2	788
Mysore	15.5	7.4	21.3	997
Tumkur	22.7	11.3	27.9	785
Demographic group				
mf(15-29)	23.2	11.5	25.2	2187
mf(30-49)	26.6	14.0	26.6	2245
mf	25.0	12.8	25.9	4432
mm(15-29)	26.3	16.1	28.4	2149
mm(30-49)	24.7	15.2	26.6	2235
mm	25.5	15.6	27.5	4384
uf(15-24)	29.9	12.0	37.2	2193
um(15-24)	26.6	14.0	29.2	2291
All male	25.9	15.1	28.1	6675
All female	26.6	12.5	29.6	6625
Total	26.2	13.8	28.9	13300

	Better attitudes to PLHA	mf(15-29)	mf(30-49)	mf	mm(15-29)	mm(30-49)	mm	uf(15-24)	um(15-24)	All male	All female	Total
	N	2166	2221	4387	2141	2220	4361	2189	2283	6644	6576	13220
1	% of respondent who agrees that s/he would be willing to care for her/his relative sick with HIV/AIDS	57.5	53.3	55.4	58.9	55.0	56.9	74.3	69.3	61.2	61.7	61.4
2	% of respondent who agrees to buy vegetables from a PLHA	40.4	43.4	42.0	43.2	41.7	42.4	44.4	39.9	41.6	42.8	42.2
3	% of respondent who agrees to the statement that "A child with HIV should not be allowed to go to school"	33.1	38.3	35.7	36.0	37.5	36.8	30.0	33.8	35.7	33.8	34.8
4	% of respondent who agrees to the statement that "Families with HIV should be left alone to deal with it"	30.5	36.9	33.7	36.9	39.3	38.1	27.1	35.2	37.1	31.5	34.3
5	% of respondent who agrees to the statement that "if a woman has HIV, its reflection of her moral character"	38.0	42.2	40.1	46.7	44.1	45.3	37.1	41.4	44.0	39.1	41.6
	Improved attitudes to condoms											
6	% of respondent who agrees to the statement that "Easy access to condoms promotes promiscuity"	42.3	45.7	44.0	47.8	47.6	47.7	46.6	50.0	48.5	44.9	46.7
7	% of respondent who agrees to the statement that "	50.3	48.9	49.6	55.1	49.5	52.2	52.0	64.4	56.4	50.4	53.4
8	% of respondent who agrees to the statement that "There is never any need for a man to use condoms with his wife."	52.4	50.2	51.3	66.0	60.7	63.3	46.7	66.7	64.5	49.8	57.2
9	% of respondent who agrees to the statement that "Women who carry condoms are "promiscuous"."	31.5	36.4	34.0	46.5	44.3	45.4	28.8	45.5	45.4	32.3	38.9
	Improved attitudes to female sex workers											
10	% of respondent who agrees to the statement that "Women get into sex work because they like sex."	37.1	42.0	39.6	48.2	48.6	48.4	36.6	48.8	48.5	38.6	43.6
11	% of respondent who agrees to the statement that "Sex workers spoil morality in society."	52.4	54.5	53.4	61.7	60.9	61.3	60.3	64.2	62.3	55.7	59.0
12	% of respondent who agrees to the statement that "Women should be allowed to sell sex if they want."	28.1	28.2	28.2	36.1	38.5	37.3	25.3	38.5	37.7	27.2	32.5
13	% of respondent who agrees to the statement that "Sex workers should have the same rights as everyone else."	40.4	36.4	38.4	44.0	42.4	43.2	48.9	48.4	45.0	41.9	43.4
	Better attitudes to sharing and caring											
14	% of respondent who agrees to the statement that "You don't talk about sex, you just do it."	48.6	44.3	46.4	45.4	49.1	47.3	44.0	47.9	47.5	45.6	46.5
15	% of respondent who agrees to the statement that "It is a woman's responsibility to avoid getting pregnant."	43.4	47.8	45.6	38.4	39.2	38.8	40.5	33.7	37.1	43.9	40.5
16	% of respondent who agrees to the statement that "A man should have the final word about decisions in the home."	45.0	52.2	48.6	63.2	62.6	62.9	40.2	56.0	60.5	45.8	53.2
17	% of respondent who agrees to the statement that "Men who cook are real men."	32.9	29.5	31.2	29.1	31.7	30.4	33.4	28.6	29.8	31.9	30.9
18	% of respondent who agrees to the statement that "Women should feel free to show their husbands when they want sex."	43.6	41.6	42.6	58.2	50.8	54.4	44.5	61.4	56.8	43.2	50.1
	Better attitudes to GBV and forced sex											
19	% of respondent who agrees to the statement that "Men cannot control their sexual urges."	43.9	48.1	46.0	53.4	51.7	52.6	37.1	50.4	51.8	43.1	47.5

[illegible]

		Bagalkot	Bangalore Rural	Belgaum	Bellary	Bijapur	Davanagere	Dharwad	Gulbarga	Hassan	Kolar	Mysore	Tumkur	All District
	Better attitudes to PLHA	2211	960	2013	719	1002	789	742	1579	647	780	993	785	13220
	N													
1	% of respondent who agrees that s/he would be willing to care for her/his relative sick with HIV/AIDS	65.5	59.2	66.0	59.7	58.7	61.7	60.5	58.3	64.5	62.7	56.4	55.5	61.4
2	% of respondent who agrees to buy vegetables from a PLHA	44.2	42.3	39.4	37.3	41.9	36.5	35.7	44.6	45.4	50.0	38.2	49.4	42.2
3	% of respondent who agrees to the statement that "A child with HIV should not be allowed to go to school"	34.2	30.5	31.6	32.4	32.5	31.9	29.5	37.9	38.2	43.3	32.2	48.2	34.8
4	% of respondent who agrees to the statement that "Families with HIV should be left alone to deal with it"	40.0	25.7	38.2	32.7	26.2	23.1	27.4	37.2	36.0	42.9	25.6	44.5	34.3
5	% of respondent who agrees to the statement that "if a woman has HIV, its reflection of her moral character"	50.1	33.6	41.6	38.7	27.4	41.1	44.2	41.3	41.6	51.0	33.7	46.8	41.6
	Improved attitudes to condoms													
6	% of respondent who agrees to the statement that "Easy access to condoms promotes promiscuity"	46.3	42.2	50.2	40.8	37.6	53.1	55.9	43.1	47.8	51.9	43.1	52.1	46.7
7	% of respondent who agrees to the statement that "	59.1	47.6	57.9	49.2	47.8	55.0	57.1	48.4	56.3	52.2	50.4	51.8	53.4
8	% of respondent who agrees to the statement that "There is never any need for a man to use condoms with his wife."	55.6	59.7	58.6	49.1	55.7	56.0	64.7	55.2	59.4	61.0	59.7	53.0	57.2
9	% of respondent who agrees to the statement that "Women who carry condoms are "promiscuous"."	40.8	32.7	38.5	42.3	33.1	31.8	34.2	42.8	38.9	52.2	32.0	45.1	38.9
	Improved attitudes to female sex workers													
10	% of respondent who agrees to the statement that "Women get into sex work because they like sex."	46.0	34.6	45.5	35.7	25.8	49.6	48.8	49.1	44.2	55.6	38.8	44.3	43.6
11	% of respondent who agrees to the statement that "Sex workers spoil morality in society."	58.3	59.5	60.6	53.3	52.6	62.5	67.1	58.5	59.8	63.2	56.0	59.0	59.0
12	% of respondent who agrees to the statement that "Women should be allowed to sell sex if they want."	37.0	26.8	38.7	27.3	26.4	29.3	31.4	33.8	23.5	36.8	27.4	34.9	32.5
13	% of respondent who agrees to the statement that "Sex workers should have the same rights as everyone else."	51.7	38.4	47.0	40.2	38.8	36.5	35.2	43.5	40.0	48.2	35.2	48.9	43.4
	Better attitudes to sharing and caring													
14	% of respondent who agrees to the statement that "You don't talk about sex, you just do it."	52.8	40.5	50.3	40.1	39.0	47.5	52.0	43.8	48.8	51.0	38.6	45.4	46.5
15	% of respondent who agrees to the statement that "It is a woman's responsibility to avoid getting pregnant."	47.9	23.9	43.6	37.8	34.8	42.0	38.0	43.0	39.1	41.4	33.2	46.6	40.5
16	% of respondent who agrees to the statement that "A man should have the final word about decisions in the home."	59.3	38.8	53.1	55.9	42.2	41.3	47.2	63.6	56.0	67.1	41.8	60.8	53.2
17	% of respondent who agrees to the statement that "Men who cook are real men."	30.7	35.7	33.3	30.7	27.1	28.1	30.9	28.8	28.0	33.8	35.3	24.5	30.9
18	% of respondent who agrees to the statement that "Women should feel free to show their husbands when they want sex."	52.0	49.2	54.6	47.1	47.0	55.0	49.1	45.9	49.5	54.0	43.6	49.6	50.1
	Better attitudes to GBV and forced sex													
19	% of respondent who agrees to the statement that "Men cannot control their sexual urges."	44.9	42.8	50.1	47.8	38.3	52.2	52.6	47.9	52.4	60.3	41.4	45.5	47.5

	Better attitudes to PLHA	Bagalkot	Bangalore Rural	Belgaum	Bellary	Bijapur	Davanagere	Dharwad	Gulbarga	Hassan	Kolar	Mysore	Tumkur	All District
	N	2211	960	2013	719	1002	789	742	1579	647	780	993	785	13220
20	% of respondent who agrees to the statement that "It's OK for a man to force his wife if she won't have sex with him."	40.5	32.7	42.7	44.5	42.8	45.4	40.7	48.1	38.6	44.5	34.1	38.7	41.4
21	% of respondent who agrees to the statement that "There are times when a wife deserves to be beaten."	62.1	53.3	56.7	59.8	52.1	51.5	55.8	63.4	58.4	67.9	48.4	55.5	57.7
22	% of respondent who agrees to the statement that "Women who are raped are usually at fault."	32.9	25.8	31.2	35.0	26.8	30.7	25.9	33.7	28.0	31.7	29.6	38.2	31.1
23	% of respondent who agrees to the statement that "It's immoral for a woman to seek pleasure in sex."	44.3	39.6	42.9	37.8	29.8	45.4	50.8	40.7	38.3	45.9	41.1	41.4	41.7
Better attitudes to women and girl children														
24	% of respondent who agrees to the statement that "We should feel sorry for people who only have daughters."	68.6	65.4	66.6	66.8	57.9	75.8	75.3	69.5	71.7	77.4	64.9	66.1	68.3
25	% of respondent who agrees to the statement that "Women who work should give their earnings to their husbands."	64.5	50.1	58.3	57.0	56.7	56.3	64.0	68.7	60.4	70.9	50.8	57.6	60.2
26	% of respondent who agrees to the statement that "If girls have too much education, they do not make good wives."	39.5	22.2	36.7	34.1	22.0	33.0	38.7	36.2	36.8	38.5	25.1	44.6	34.4
27	% of respondent who agrees to the statement that "Women should be blamed for spreading HIV/AIDS."	34.2	21.6	31.9	30.7	23.1	30.2	33.7	34.7	30.0	39.7	23.3	34.8	31.0
28	% of respondent who agrees to the statement that "We should not marry our daughters to families who demand dowry, however small the dowry is."	51.9	52.6	59.3	55.1	48.3	49.6	57.4	52.1	45.0	50.5	55.9	49.6	52.9
29	% of respondent who agrees to the statement that "Girls should be married as early as possible."	49.0	35.8	47.0	48.5	31.4	48.3	45.1	45.8	43.3	52.9	32.7	55.3	44.8
Better attitudes to masculinity														
30	% of respondent who agrees to the statement that "If the wife is away for an extended period of time, it is acceptable for men to have sex with others."	25.7	19.1	23.0	31.2	22.5	20.5	20.1	28.3	24.6	33.3	22.1	26.4	24.7
31	% of respondent who agrees to the statement that "It's immoral for men to have sex with men."	53.5	62.8	60.4	60.8	59.0	64.8	70.2	58.4	51.9	55.8	67.7	43.4	58.8
32	% of respondent who agrees to the statement that "Real men don't cry."	43.5	30.6	42.1	33.7	28.6	36.1	40.2	39.7	36.0	38.3	26.6	49.9	38.1
33	% of respondent who agrees to the statement that "It's OK for boys to be sexually experienced before marriage."	40.0	29.9	40.2	38.5	31.6	35.2	31.1	40.8	37.4	41.4	30.7	43.1	37.3
34	% of respondent who agrees to the statement that "Sex reduces men's strength"	46.6	47.9	58.5	50.1	51.9	52.7	65.6	56.8	59.2	61.8	47.2	43.7	53.1
35	% of respondent who agrees to the statement that "It's OK for girls to be sexually experienced before marriage"	26.5	22.6	28.0	25.7	19.1	23.2	21.6	22.6	24.1	21.9	17.9	25.9	23.8
36	% of respondent who agrees to the statement that "An ideal husband is one who can control his wife."	74.7	61.0	74.0	63.6	63.6	67.8	75.2	67.4	71.1	76.8	61.4	73.8	69.8

IBBA among FSWS: Key findings from Round 1

Table 1.1: HIV Prevalence among high risk groups by District and Site, Surveillance

			2003		2004		2005		2006	
			Number	Percent	Number	Percent	Number	Percent	Number	Percent
Type of TG	STD	Total	1035	17.10	1050	19.81	1050	18.38	1751	9.37
		Belgaum	150	33.33	150	34.00	150	28.67	250	3.60
		Gulbarga	150	21.33	150	28.00	150	21.33	251	7.57
		Dharwad	150	18.00	150	16.67	150	31.33	250	13.60
		Bellary	150	14.67	150	17.33	150	7.33	250	17.60
		Bangalore	150	14.67	150	18.00	150	15.33	250	5.60
		Dakshina Kannada	150	4.67	150	6.00	150	4.67	250	3.60
		Mysore	135	12.59	150	18.67	150	20.00	250	14.00
	MSM	Bangalore	250	10.80	250	10.00	155	11.61	250	19.20
		Total	250	14.40	250	21.60	685	17.37	1007	8.64
	FSW	Bangalore	250	14.40	250	21.60	529	19.28	751	9.32
		Dakshina Kannada	0	0.00	0	0.00	156	10.90	256	6.64

Table 1.2: HIV Prevalence among STD clinic attendees by characteristics, Surveillance

			2003		2004		2005		2006	
			Number	Percent	Number	Percent	Number	Percent	Number	Percent
STD	Total		1035	17.10	1050	19.81	1050	18.38	1751	9.37
	Age group	<20	66	10.61	60	8.33	59	10.17	84	3.57
		20-24	196	11.22	218	16.06	210	16.19	299	7.02
		25-29	229	22.71	265	23.02	262	21.37	423	7.33
		30-34	193	18.65	208	22.12	209	18.18	324	12.65
		35-39	147	17.01	134	26.12	141	26.95	266	12.78
		40-44	91	15.38	77	15.58	80	15.00	200	10.00
		45+	113	18.58	88	15.91	89	10.11	155	9.03
	Age group	<25 years	262	11.07	278	14.39	269	14.87	383	6.27
		25+ years	773	19.15	772	21.76	781	19.59	1368	10.23
	Locality	Urban	486	17.90	575	17.04	630	17.78	917	10.03
		Rural	549	16.39	475	23.16	420	19.29	834	8.63
	Education status	Illiterate	302	18.87	190	25.79	197	27.41	349	14.90
		Literate upto 5th standard	287	18.47	295	23.73	299	17.06	507	9.86
		5th standard to 12th standard	342	16.37	442	16.97	408	15.69	643	6.69
		Graduate and above	104	10.58	123	11.38	146	16.44	252	7.54
	Education	Illiterate	302	18.87	190	25.79	197	27.41	349	14.90
		Literate	733	16.37	860	18.49	853	16.30	1402	7.99
	Migrants	Migrant	388	16.75	200	21.50	172	19.19	155	9.68
		Non migrant	647	17.31	850	19.41	878	18.22	1596	9.34
	Occupation	Agricultural and unskilled worker	353	18.13	359	24.79	250	24.80	435	11.72
		Truck/Auto/Taxi driver and cleaner	124	14.52	106	27.36	86	22.09	110	13.64
		Industrial and factory worker	108	15.74	91	16.48	120	23.33	105	12.38
		Hotel staff	53	18.87	51	25.49	55	27.27	72	8.33
		Service class people	67	13.43	96	11.46	89	15.73	165	7.88
		Businessmen	82	25.61	107	18.69	117	20.51	176	6.25
		Unemployed	16	0.00	15	20.00	22	9.09	21	9.52
		Student	64	9.38	63	7.94	54	11.11	73	0.00
		Sex worker	168	19.05	162	14.20	257	8.95	551	8.35
		Housewife	0	0.00	0	0.00	0	0.00	41	17.07
		Other	0	0.00	0	0.00	0	0.00	2	0.00

Table 1.3: HIV Prevalence among MSM by characteristics, Surveillance

			2003		2004		2005		2006	
			Number	Percent	Number	Percent	Number	Percent	Number	Percent
MSM	Total		250	10.80	250	10.00	155	11.61	250	19.20
	Age group	<20	56	3.57	32	0.00	19	5.26	16	25.00
		20-24	88	11.36	68	8.82	65	12.31	98	15.31
		25-29	45	17.78	54	14.81	32	6.25	76	19.74
		30-34	19	21.05	29	17.24	23	17.39	31	12.90
		35-39	15	6.67	22	4.55	6	0.00	9	11.11
		40-44	7	0.00	25	12.00	5	20.00	14	42.86
		45+	20	10.00	20	10.00	5	40.00	6	50.00
	Age group	<25 years	144	8.33	100	6.00	84	10.71	114	16.67
		25+ years	106	14.15	150	12.67	71	12.68	136	21.32
	Locality	Urban	244	10.66	205	10.73	142	11.27	203	15.76
		Rural	6	16.67	45	6.67	13	15.38	47	34.04
	Education status	Illiterate	53	11.32	65	10.77	35	22.86	13	23.08
		Literate upto 5th standard	105	15.24	137	8.03	59	6.78	78	19.23
		5th standard to 12th standard	83	4.82	41	12.20	53	7.55	133	16.54
		Graduate and above	9	11.11	7	28.57	8	25.00	26	30.77
	Education	Illiterate	53	11.32	65	10.77	35	22.86	13	23.08
		Literate	197	10.66	185	9.73	120	8.33	237	18.99
	Migrants	Migrant	56	3.57	127	8.66	45	8.89	91	17.58
		Non migrant	194	12.89	123	11.38	110	12.73	159	20.13
	Occupation	Agricultural and unskilled worker	103	12.62	99	11.11	36	8.33	18	5.56
		Truck/Auto/Taxi driver and cleaner	11	9.09	15	26.67	18	11.11	2	50.00
		Industrial and factory worker	60	11.67	24	0.00	32	6.25	49	14.29
		Hotel staff	2	50.00	13	15.38	5	0.00	9	11.11
		Service class people	8	0.00	9	11.11	15	13.33	44	20.45
		Businessmen	30	6.67	75	8.00	26	7.69	77	28.57
		Unemployed	23	8.70	8	12.50	23	30.43	37	16.22
		Student	13	7.69	7	0.00	0	0.00	3	0.00
		Housewife	0	0.00	0	0.00	0	0.00	5	0.00
		Other	0	0.00	0	0.00	0	0.00	6	16.67

Table 1.4: HIV Prevalence among Female Sex Workers (FSW) by characteristics, Surveillance

[illegible]

Table 2.1: Prevalence of VDRL among high risk groups by District and Site, Surveillance

Type of TG			2003		2004		2005		2006	
			Number	Percent	Number	Percent	Number	Percent	Number	Percent
Type of TG	STD	Total	1035	5.70	1050	5.71	1050	4.29	1751	3.08
		Belgaum	150	2.67	150	0.67	150	0.67	250	0.00
		Gulbarga	150	14.00	150	12.67	150	6.67	251	12.75
		Dharwad	150	8.00	150	10.00	150	10.00	250	1.20
		Bellary	150	4.00	150	0.00	150	1.33	250	2.40
		Bangalore	150	6.00	150	11.33	150	2.00	250	1.20
		Dakshina Kannada	150	0.67	150	0.00	150	0.67	250	1.20
		Mysore	135	4.44	150	5.33	150	8.67	250	2.80
	MSM	Bangalore	250	2.80	250	5.20	155	21.94	250	15.20
		Total	250	6.00	250	17.60	685	9.34	1007	4.17
	FSW	Bangalore	250	6.00	250	17.60	529	10.40	751	5.06
		Dakshina Kannada	0	0.00	0	0.00	156	5.77	256	1.56

Table 2.2: Prevalence of vdrl among STD clinic attendees characteristics, Surveillance

			2003		2004		2005		2006	
			Number	Percent	Number	Percent	Number	Percent	Number	Percent
STD	Base:All		1035	Yes 5.70	1050	Yes 5.71	1050	Yes 4.29	1751	Yes 3.08
		Age group								
		<20	66	4.55	60	6.67	59	5.08	84	4.76
		20-24	196	7.14	218	6.42	210	5.24	299	4.01
		25-29	229	8.30	265	6.42	262	3.44	423	1.65
		30-34	193	4.66	208	5.77	209	2.39	324	2.47
		35-39	147	5.44	134	3.73	141	3.55	266	2.63
		40-44	91	4.40	77	2.60	80	7.50	200	6.50
		45+	113	1.77	88	6.82	89	6.74	155	1.94
	Age group	<25 years	262	6.49	278	6.47	269	5.20	383	4.18
		25+ years	773	5.43	772	5.44	781	3.97	1368	2.78
	Locality	Urban	486	5.97	575	5.57	630	4.60	917	4.14
		Rural	549	5.46	475	5.89	420	3.81	834	1.92
	Education status	Illiterate	302	6.29	190	8.42	197	3.55	349	2.29
		Literate upto 5th standard	287	6.97	295	7.12	299	5.35	507	3.35
		5th standard to 12th standard	342	5.26	442	4.07	408	4.17	643	2.64
		Graduate and above	104	1.92	123	4.07	146	3.42	252	4.76
	Education	Illiterate	302	6.29	190	8.42	197	3.55	349	2.29
		Literate	733	5.46	860	5.12	853	4.45	1402	3.28
	Migrants	Migrant	388	6.96	200	9.00	172	4.65	155	1.94
		Non migrant	647	4.95	850	4.94	878	4.21	1596	3.20
	Occupation	Agricultural and unskilled worker	353	6.80	359	7.24	250	6.00	435	2.30
		Truck/Auto/Taxi driver and cleaner	124	8.87	106	5.66	86	6.98	110	3.64
		Industrial and factory worker	108	1.85	91	4.40	120	4.17	105	0.95
		Hotel staff	53	5.66	51	5.88	55	3.64	72	1.39
		Service class people	67	2.99	96	5.21	89	5.62	165	7.88
		Businessmen	82	6.10	107	12.15	117	5.98	176	5.68
		Unemployed	16	12.50	15	6.67	22	9.09	21	4.76
		Student	64	6.25	63	1.59	54	1.85	73	1.37
		Sex worker	168	3.57	162	0.62	257	0.78	551	2.00
		Housewife	0	0.00	0	0.00	0	0.00	41	4.88
		Other	0	0.00	0	0.00	0	0.00	2	0.00

Table 2.3: Prevalence of vdrl among MSM by characteristics, Surveillance

			2003		2004		2005		2006	
			Number	Percent	Number	Percent	Number	Percent	Number	Percent
MSM	Base:All		250	2.80	250	5.20	155	21.94	250	15.20
	Age group	<20	56	0.00	32	0.00	19	5.26	16	0.00
		20-24	88	1.14	68	8.82	65	16.92	98	9.18
		25-29	45	4.44	54	7.41	32	31.25	76	22.37
		30-34	19	10.53	29	3.45	23	34.78	31	16.13
		35-39	15	6.67	22	0.00	6	33.33	9	11.11
		40-44	7	0.00	25	4.00	5	20.00	14	42.86
		45+	20	5.00	20	5.00	5	20.00	6	0.00
	Age group	<25 years	144	0.69	100	6.00	84	14.29	114	7.89
		25+ years	106	5.66	150	4.67	71	30.99	136	21.32
	Locality	Urban	244	2.87	205	5.37	142	21.83	203	14.29
		Rural	6	0.00	45	4.44	13	23.08	47	19.15
	Education status	Illiterate	53	0.00	65	3.08	35	28.57	13	15.38
		Literate upto 5th standard	105	5.71	137	7.30	59	11.86	78	20.51
		5th standard to 12th standard	83	0.00	41	2.44	53	26.42	133	11.28
		Graduate and above	9	11.11	7	0.00	8	37.50	26	19.23
	Education	Illiterate	53	0.00	65	3.08	35	28.57	13	15.38
		Literate	197	3.55	185	5.95	120	20.00	237	15.19
	Migrants	Migrant	56	0.00	127	3.94	45	28.89	91	15.38
		Non migrant	194	3.61	123	6.50	110	19.09	159	15.09
	Occupation	Agricultural and unskilled worker	103	3.88	99	1.01	36	19.44	18	11.11
		Truck/Auto/Taxi driver and cleaner	11	0.00	15	13.33	18	16.67	2	0.00
		Industrial and factory worker	60	3.33	24	0.00	32	18.75	49	14.29
		Hotel staff	2	0.00	13	15.38	5	20.00	9	11.11
		Service class people	8	0.00	9	11.11	15	26.67	44	11.36
		Businessmen	30	0.00	75	9.33	26	23.08	77	23.38
		Unemployed	23	0.00	8	0.00	23	30.43	37	10.81
		Student	13	7.69	7	0.00	0	0.00	3	0.00
		Housewife	0	0.00	0	0.00	0	0.00	5	20.00
		Other	0	0.00	0	0.00	0	0.00	6	0.00

Table 2.4: Prevalence of vdrl among Female Sex Workers (FSW) by characteristics, Surveillance

[illegible]

**IBBA among FSWs: Findings from two rounds in
Mysore**

Two Rounds of IBBA in Mysore District: Changes in Condom Use And STI Prevalence

Selected FSW Characteristics, Mysore IBBA, Rounds 1 and 2 (1)

	Round 1 (July 2004, N=429)	Round 2 (Dec 2006, N=425)
Typology		
Public places	87.9%	90.7%
Home-based	11.7%	5.5%
Brothel-based	0.5%	3.8%
Age		
18-24	19.6%	14.6%
25+	80.4%	85.4%
Average duration of sex work (years)	4.5	6.2
Mean clients per week	8.4	9.2

Selected FSW Characteristics, Mysore IBBA, Rounds 1 and 2 (2)

	Round 1 (July 2004, N=429)	Round 2 (Dec 2006, N=425)
Ever had anal sex	7.2%	4.9%
Condom use, last commercial client	64.8%	89.9%
Condom use, last regular client	53.3%	66.3%
Condom use, main partner ("lover")	6.5%	31.3%
Currently carry a condom	7.3%	30.2%
Condom breakage during last month	26.3%	27.3%

Outreach and Clinical Services, and HIV Testing

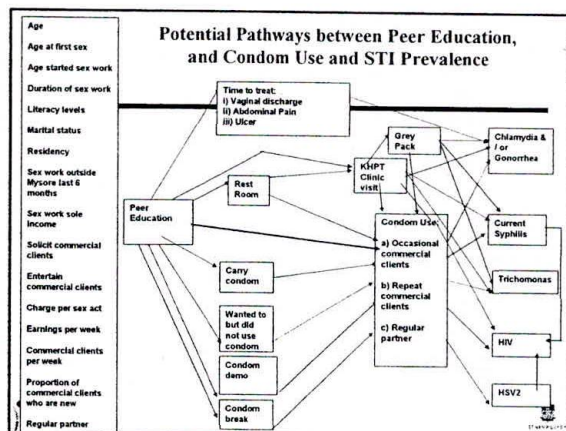
	Round 1 (July 2004, N=429)	Round 2 (Dec 2006, N=425)
Ever been tested for HIV	20.8%	38.0%
Ever visited program-linked clinic	52.0%	95.8%
Visited by outreach worker in past six months	64.1%	99.3%
Witnessed condom demonstration in past six months	6.5%	31.3%

STI Results, Mysore IBBA, Rounds 1 and 2

	Round 1 (July 2004)	Round 2 (December 2006)
HIV	26.1%	24.3%
Syphilis	24.9%	12.0%
High-titre syphilis	15.0%	3.3%
Gonorrhea	5.4%	2.4%
Chlamydia	10.8%	4.4%
Trichomoniasis	32.9%	13.4%

BED Testing Results Among Female Sex Workers, IBBA

District	HIV Prevalence	BED "New" Infections	BED "Old" Infections	BED Annual Incidence
Shimoga (2005, N=390)	10.6%	7	33	?
Belgaum (2005, N=363)	34.4%	13	97	?
Mysore, Round 1 (2004, N=429)	25.6%	24	81	?
Mysore, Round 2 (2006, N=425)	23.8%	15	86	?
Bagalkot, 2006 (Microbicide trial, N=73)	49.3%	0	33	?



Causal Pathways

- For increased condom use with commercial clients: witnessing a condom demonstration, and always using a condom when wanting to (peer education)
- For increased condom use with regular partners: visiting the drop-in centre, and always using a condom when wanting to (peer education plus DIC)
- Other factors may also be involved, e.g. increase self-esteem

Conclusion

- This targeted intervention has been scaled up quickly and effectively.
- It is almost certainly resulting in reduced STI transmission, and possibly HIV transmission, in the context of sex work.
- Since most transmission in India is likely from high risk networks through bridge populations to the general population, this is likely to have both a short-term, as well as a substantial longer-term impact on the epidemic.
- Second round IBBA's planned in three more districts, March-May 2008

Sentinel Surveillance among high risk groups

Table 1: Percent distribution of FSWs by selected background characteristics, IBBA-FSW

		District name					Typology			Total
		Belgaum	Bellary	Shimoga	Bangalore Urban	Mysore	Public plac	Home	Brothel	
Age group	Number	386	427	394	676	429	1305	790	217	2312
	<25 years	17.2	19.6	17.6	21.4	19.6	20.6	16.3	28.3	19.9
	25-34 years	40.2	45.0	42.5	43.0	49.7	44.2	43.8	43.5	43.9
	35-44 years	37.6	27.5	34.2	31.7	27.5	31.3	33.2	25.6	31.3
	45+ years	5.1	7.9	5.8	4.0	3.3	3.9	6.8	2.5	4.8
Educational status of respondents	Mean age of the FSW	31.6	31.0	31.8	30.7	30.0	30.6	31.9	29.1	30.9
	Illiterate	82.6	62.7	58.9	47.3	75.7	63.8	58.1	63.6	61.6
	Literate	17.4	37.3	41.1	52.7	24.3	36.2	41.9	36.4	38.4
Marital status	Never married	27.3	34.5	6.9	6.7	5.1	7.5	17.1	24.8	13.2
	Currently married	14.8	20.2	45.9	44.9	41.5	38.9	36.9	27.3	36.7
	Marital dissolution	34.4	34.3	46.8	48.0	50.8	51.4	39.7	32.3	44.6
	Others	23.5	10.9	0.4	0.3	2.6	2.2	6.3	15.6	5.4
Type of cohabiting partner	Cohabiting with husband/lover/main part	20.9	28.1	39.3	43.4	NA	26.8	37.2	30.3	31.2
	Has husband/lover/boyfriend but not coh	26.0	37.1	32.6	25.0	NA	17.8	31.4	24.5	23.8
	Others	53.1	34.7	28.1	31.7	NA	55.4	31.4	45.2	44.9
	Has source of income other than sex work	51.8	71.6	79.8	56.5	44.8	58.4	65.4	48.7	60.0
Locality	Localite	32.2	56.2	67.9	48.4	64.1	51.9	57.3	35.6	52.0
	Non localite	67.8	43.8	32.1	51.6	35.9	48.1	42.7	64.4	48.0
Ever worked in Mumbai		9.0	0.9	0.3	2.1	0.5	1.4	2.0	6.6	2.3
Ever done sex work outside city		31.2	17.8	14.4	10.5	9.3	12.4	13.3	29.8	14.8

Table 2: Percent distribution of FSWs by sex work details and condom use by district and typology: IBBA-FSW

		District name					Typology			Total
		Belgaum	Bellary	Shimoga	Bangalore Urban	Mysore	Public plac	Home	Brothel	
Age at first sex	Number	386	427	394	676	429	1305	790	217	2312
	<=14	55.2	46.0	29.0	23.5	30.5	31.1	37.0	36.1	34.0
	15-19	41.5	49.4	56.4	58.3	56.6	54.1	52.7	53.3	53.5
	20+	3.3	4.6	14.6	18.0	12.8	14.7	10.1	10.6	12.5
	Mean age at first sex	14.8	15.0	16.5	16.8	16.1	16.3	15.8	15.8	16.0
Age at start of sex work	<=19	41.2	42.1	14.9	14.2	14.9	18.8	24.4	33.0	22.6
	20-24	32.8	24.2	29.5	24.0	31.5	27.8	24.4	30.9	26.9
	25-29	16.0	20.4	25.7	27.2	29.4	26.3	24.0	20.2	24.7
	30-34	6.6	8.1	20.0	20.8	14.7	16.7	15.2	12.8	15.7
	35+	3.0	5.2	9.9	13.9	9.6	10.4	11.9	3.1	10.1
	Mean age at start SW	21.4	21.9	26.1	26.9	25.5	25.6	25.0	22.8	25.1
	< 2 year	15.6	12.5	20.9	33.2	25.4	25.4	21.9	27.6	24.3
Sex work duration	2-4 years	15.7	22.6	31.3	36.6	40.3	36.7	28.3	25.7	32.2
	5+ years	68.7	64.9	47.8	30.1	34.3	37.8	49.8	46.7	43.5
	Mean duration of SW	10.4	9.1	5.7	3.9	4.5	5.0	6.9	6.2	5.9
	Mean number of clients per day	3.3	2.7	1.9	2.6	2.5	2.6	2.2	3.8	2.6
Number of clients per week	<5	15.2	27.5	53.2	21.2	28.7	24.5	34.4	11.6	26.8

	5-9	20.5	28.0	33.9	36.5	40.1	37.0	31.9	21.3	33.2
	10-14	16.9	17.0	8.9	22.7	14.9	18.8	17.2	20.4	18.3
	15+	47.3	27.5	4.0	19.6	16.3	19.7	16.5	46.6	21.7
	Mean # of clients per month	67.8	50.7	23.0	42.5	41.6	43.2	35.1	77.9	44.2
Number of regular clients for every 10 clients entertained	<3 clients	44.0	37.2	29.2	50.8	28.9	42.2	38.9	43.1	41.0
	3-6 clients	38.4	37.1	39.1	41.0	33.6	39.3	36.8	48.8	39.4
	6+ clients	17.6	25.6	31.6	8.2	37.5	18.6	24.3	8.1	19.6
	Mean # of regular clients per 10 clients	3.7	4.7	4.8	3.0	5.0	3.8	4.2	3.3	3.9
Ever had anal sex		8.1	19.7	15.1	9.6	7.2	10.4	13.1	10.5	11.4
Partner type	Has no main regular partner	53.1	34.7	28.1	31.7	31.9	37.0	28.6	44.6	34.6
	Has main partner but not stay with him	26.0	37.1	32.6	25.0	68.1	36.2	34.3	25.1	34.2
	Stays with the main regular partner	20.9	28.1	39.3	43.4	0.0	26.8	37.2	30.3	31.2
Ever forced to sex		5.5	17.7	18.8	10.3	NA	11.7	12.0	14.0	12.2
Can identify condom		98.9	96.6	92.2	99.5	NA	98.2	96.4	100.0	97.7
Currently carry condom		16.8	16.5	16.1	37.5	13.3	31.1	17.7	23.7	25.1
Last source of condom	Peer/ORW	81.6	79.5	50.0	59.8	NA	46.0	61.4	73.9	55.2
	Client	2.2	5.5	14.7	20.2	NA	10.0	14.5	8.4	11.6
	Others	13.5	8.3	21.5	18.3	NA	14.2	12.7	16.6	13.9
	Never acquired condom	2.7	6.7	13.9	1.7	NA	29.7	11.4	1.0	19.2
Had the experience of condom break last one month		10.1	8.0	13.6	26.4	33.2	23.7	15.6	21.6	20.4
Had an occasion in the past one month wanted to use condom but did not		13.6	16.7	30.8	32.0	72.3	37.9	28.8	24.1	32.7
Condom use by the last client		88.5	85.6	70.0	85.0	64.8	80.6	77.7	87.1	80.2
Condom use by the last occasional client		98.1	82.8	73.7	91.2	NA	90.6	82.1	96.7	87.8
Condom use at last sex with regular client		85.2	77.5	63.3	74.8	51.7	67.6	71.5	82.9	71.0
Condom use in last sex with main partner		56.2	55.0	36.7	20.1	6.5	22.4	36.2	36.4	29.6
Condom use everytime with occasional client		93.0	73.5	53.1	77.9	NA	75.9	69.4	90.7	75.2
Condom use everytime with regular client		79.6	69.0	48.1	61.8	20.0	50.4	60.3	71.5	56.9
Condom use in last sex with main partner		56.2	55.0	36.7	20.1	6.5	22.4	36.2	36.4	29.6
Consistent condom use with all partners		64.7	47.1	23.4	23.7	7.5	26.8	30.6	45.0	30.4
Consistent condom use with occasional clients		82.6	64.6	37.2	59.1	NA	46.0	51.7	70.9	51.2
Consistent condom use with main regular partner		39.9	41.6	17.1	10.3	1.7	12.5	22.4	24.1	17.8
Heard of STI		89.6	77.6	64.2	82.7	NA	78.6	78.5	87.5	79.8
Experienced any STI in the past 12 months		29.8	44.0	38.2	51.7	34.7	44.4	44.5	34.0	43.2
Currently experiences any STI		23.8	33.5	30.3	39.1	30.1	35.7	33.9	25.2	33.8
Ever heard of HIV/AIDS		97.6	96.2	91.7	98.2	NA	95.4	96.8	97.6	96.3
Know VCTC		34.4	37.3	35.6	43.0	NA	33.3	32.8	36.9	33.5
Ever taken HIV test		35.5	20.0	19.8	37.8	20.7	32.1	23.5	38.0	29.5
Received any service from program		95.1	93.0	72.3	88.4	65.7	83.0	83.3	90.0	84.0
Have seen condom demonstration		92.7	87.7	62.8	81.4	38.0	69.3	76.2	87.5	74.1
Received education on STI/HIV/AIDS from NGO		88.6	87.7	67.0	87.5	64.1	80.5	79.9	83.6	80.6
Ever visited the clinic		85.8	81.4	48.0	69.0	52.0	67.0	66.5	74.8	67.7
Ever received grey pack		76.6	72.6	33.0	55.1	45.0	55.7	54.4	67.9	56.7

Table 3: Prevalence of HIV by socio-demographic characteristics and by district and typology: IBBA-FSW

	HIV prevalence		Active syphilis		High titre syphilis		Chlamidia		Gonorrhea		HSV2	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	2277	16.6	2205	10.6	2205	6.5	2278	6.4	2277	3.3	2209	67.2
District												
Belgaum	363	34.3	360.0	7.7	360.0	2.3	366.0	5.3	365	2.7	361	80.7
Bellary	422	16.5	416.0	4.7	416.0	1.6	423.0	4.2	423	1.5	416	72.1
Shimoga	390	9.5	386.0	3.1	386.0	1.7	393.0	5.3	393	1.7	386	58.1
Bangalore Urban	673	11.1	654.0	11.1	654.0	8.1	669.0	6.3	669	3.5	653	65.8
Mysore	429	26.1	389.0	24.9	389.0	14.7	427.0	10.8	427	5.4	393	64.4
Typology												
Public places	1294	18.6	1239	15.6	1239	9.8	1288	6.6	1288	3.8	1243	68.2
Home	782	11.5	769	5.0	769	3.2	786	5.6	786	1.9	770	64.7
Brothel	201	26.2	197	8.4	197	3.1	204	8.4	203	6.1	196	71.5

Table 4.1: Prevalence of HIV by socio-demographic characteristics and by district and typology: IBBA-FSW

		District name										Typology						Total	
		Belgaum		Bellary		Shimoga		Bangalore Urban		Mysore		Public places		Home		Brothel			
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total		363	34.3	422	16.5	390	9.5	673	11.1	429	26.1	1294	18.6	782	11.5	201	26.2	2277	16.6
Age group	<25 years	65	30.5	101	27.7	71	9.0	148	11.5	84	26.2	265	17.8	133	14.4	71	25.0	469	17.9
	25-34 years	157	40.1	192	12.4	166	6.3	290	12.1	213	26.8	597	19.3	335	11.5	86	26.5	1018	17.0
	35-44 years	121	30.8	110	15.4	128	12.4	207	10.8	118	24.6	377	18.8	267	10.5	40	24.1	684	15.7
	45+ years	20	27.3	19	15.3	25	18.0	28	0.0	14	28.6	55	13.0	47	8.9	4	53.8	106	13.2
Educational status of respondents	Illiterate	295	33.9	300	18.3	234	11.3	312	11.4	324	27.8	850	20.9	491	12.7	124	32.5	1465	19.1
	Literate	67	35.0	120	13.9	154	7.2	347	10.3	104	21.2	433	14.9	286	9.8	73	13.9	792	12.6
Marital status	Never married	80	23.7	86	14.4	31	6.6	43	10.7	22	40.9	105	15.6	110	12.6	47	26.4	262	16.2
	Currently married	58	30.2	115	14.3	173	6.6	305	7.3	178	23.6	488	14.1	283	6.9	58	16.6	829	11.5
	Marital dissolution	153	39.3	174	17.6	185	12.9	323	14.4	218	27.1	655	22.4	329	12.6	69	27.6	1053	19.5
	Others	72	39.6	47	23.3	1	0.0	2	50.0	11	18.2	46	17.3	60	28.0	27	43.4	133	29.7
Type of cohabiting partner	Cohabiting with husband/lover/main partner	96	26.3	141	14.7	161	9.6	301	7.5	NA	NA	347	11.2	287	8.8	65	10.5	699	10.0
	Has husband/lover/boyfriend but not cohabiting	111	31.8	141	14.4	118	11.8	184	9.4	NA	NA	250	14.9	246	12.7	58	22.1	554	14.6
	Others	156	38.9	140	20.7	111	6.9	188	17.2	NA	NA	697	23.3	249	13.5	78	40.4	1024	22.3
Has source of income other than sex work	Yes	224	35.0	287	13.6	310	10.8	379	10.9	192	23.4	758	18.1	538	10.5	96	23.1	1392	15.4
	No	139	33.4	135	23.7	80	4.7	294	11.3	237	28.3	536	19.2	244	13.3	105	29.9	885	18.5
Locality	Localite	117	32.8	189	15.6	263	9.1	322	10.5	275	23.6	653	18.1	442	10.6	71	20.9	1166	15.1
	Non localite	246	35.1	233	17.6	127	10.6	351	11.7	154	30.5	641	19.1	340	12.7	130	29.2	1111	18.3
Ever worked in Mumbai	Yes	28	35.7	4	51.4	2	0.0	12	10.9	2	0.0	19	38.5	17	17.7	12	15.7	48	24.2
	No	335	34.2	418	16.2	386	9.6	661	11.1	427	26.2	1274	18.3	765	11.4	188	26.9	2227	16.5
Ever done sex work outside city	Yes	111	44.6	86	15.2	57	15.6	72	15.1	40	30.0	198	25.0	108	17.5	60	32.3	366	23.8
	No	252	29.9	336	16.8	333	8.5	601	10.6	389	25.7	1096	17.7	674	10.6	141	23.9	1911	15.4

Table 4.2: Prevalence of HIV by sex work details and condom use by district and typology: IBBA-FSW

		District name										Typology						Total	
		Belgaum		Bellary		Shimoga		Bangalore Urban		Mysore		Public places		Home		Brothel			
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total		363	34.3	422	16.5	390	9.5	673	11.1	429	26.1	1294	18.6	782	11.5	201	26.2	2277	16.6
Age at first sex	<=14	194	36.2	206	14.3	118	7.5	153	15.9	131	33.6	438	21.4	303	16.0	61	35.4	802	20.5
	15-19	158	32.0	196	19.5	220	10.7	396	9.4	243	21.0	688	17.2	405	9.9	120	21.3	1213	14.9
	20+	11	37.0	19	5.9	52	9.1	123	10.1	55	30.9	167	17.8	73	3.5	20	26.5	260	14.0
	DK/No Answer	0	0.0	1	0.0	0	0.0	1	0.0	0	0.0	1	0.0	1	0.0	0	0.0	2	0.0
Age at start of sex work	<=19	150	35.7	165	18.6	63	9.4	98	11.9	64	28.1	273	18.6	195	17.8	72	29.8	540	19.9
	20-24	104	32.7	104	18.7	114	7.0	162	14.4	135	27.4	361	22.2	195	9.9	63	27.5	619	18.4
	25-29	62	27.6	83	14.6	95	11.9	183	11.6	126	23.0	327	17.8	184	12.1	38	17.3	549	15.6
	30-34	27	31.6	44	10.8	75	9.4	138	8.3	63	22.2	206	13.3	119	7.8	22	20.3	347	11.9
	35+	19	73.6	25	6.6	43	12.1	92	7.5	41	34.1	126	19.7	88	5.5	6	61.5	220	14.8
Sex work duration	< 2 year	53	10.8	62	10.9	79	6.5	225	3.5	109	19.3	312	11.2	163	3.9	53	5.0	528	7.8
	2-4 years	81	45.2	131	22.3	132	5.8	246	11.9	173	30.1	479	19.0	219	11.0	65	35.0	763	17.8
	5+ years	229	37.4	228	15.6	179	13.4	202	18.4	147	26.5	502	23.2	400	15.1	83	36.6	985	20.8
Number of clients per week	<5	48	35.9	91	12.2	199	7.1	142	9.4	123	27.6	311	22.6	273	7.4	19	3.1	603	14.3
	5-9	101	20.6	117	17.4	128	10.9	249	11.0	172	21.5	474	16.8	256	10.3	37	14.9	767	14.3
	10-14	69	47.8	84	26.7	41	14.0	145	10.1	64	31.3	241	17.3	124	17.7	38	30.5	403	19.1
	15+	145	35.5	130	13.7	21	21.1	137	14.2	70	30.0	268	18.2	128	15.7	107	35.0	503	21.2
Number of regular clients for every 10 clients	<3 clients	163	37.3	145	16.5	116	9.3	347	10.8	124	26.6	528	19.3	283	10.7	84	23.5	895	16.5

Ever had anal sex	3-6 clients	148	36.6	185	17.0	170	12.4	278	11.4	144	28.5	525	16.1	295	14.5	105	28.1	925	17.2
	6+ clients	52	19.2	92	15.7	104	6.2	46	11.2	161	23.6	239	22.5	204	8.1	12	27.8	455	15.6
	Yes	35	28.7	73	16.1	60	13.7	70	16.2	31	25.8	145	16.4	99	12.9	25	39.8	269	17.3
	No	328	34.9	349	16.6	330	8.8	603	10.5	398	26.1	1149	18.8	683	11.3	176	24.4	2008	16.5
Partner type	Has no main regular partner	156	38.9	140	20.7	111	6.9	188	17.2	137	33.6	438	23.1	218	13.5	76	40.3	732	22.3
	Has main partner but not stay with him	111	31.8	141	14.4	118	11.8	184	9.4	292	22.6	509	19.3	277	12.7	60	22.8	846	17.0
	Stays with the main regular partner	96	26.3	141	14.7	161	9.6	301	7.5	0	0.0	347	11.2	287	8.8	65	10.5	699	10.0
	Yes	38	18.3	67	19.9	72	11.3	72	14.7	NA	NA	125	12.3	89	13.5	35	32.2	249	16.0
Ever forced to sex	No	325	35.4	354	15.8	316	9.2	601	10.7	NA	NA	791	15.4	641	11.3	164	24.8	1596	14.7
	Missing	0	0.0	0	0.0	2	0.0	0	0.0	NA	NA	0	0.0	2	0.0	0	0.0	2	0.0
	Yes	360	34.5	403	16.2	361	9.7	669	11.0	NA	NA	897	14.7	697	11.8	199	26.0	1793	14.9
	No	3	23.2	19	25.7	27	8.6	3	0.0	NA	NA	18	24.4	34	4.5	0	0.0	52	11.3
Can identify condom	No Answer	0	0.0	0	0.0	1	0.0	0	0.0	NA	NA	0	0.0	1	0.0	0	0.0	1	0.0
	Yes	82	37.9	102	17.6	62	11.4	244	12.3	57	22.8	366	16.1	131	11.0	50	26.2	547	15.8
	No	281	33.6	320	16.3	328	9.2	429	10.4	372	26.6	928	19.7	651	11.6	151	26.2	1730	16.9
	Had the experience of condom break last time	50	39.6	41	7.7	46	10.3	174	11.7	134	30.6	292	21.4	106	11.0	47	14.4	445	17.5
Had an occasion in the past one month	Yes	309	33.9	352	16.5	309	9.9	489	11.1	270	25.2	955	17.5	621	12.2	153	29.9	1729	16.7
	No	1	0.0	10	32.3	7	0.0	7	0.0	0	0.0	12	27.5	12	0.0	1	0.0	25	12.1
	DK/No answer	72	37.6	84	17.7	111	11.4	217	12.8	310	24.5	505	21.8	238	11.0	51	19.6	794	18.0
	Yes	291	33.7	338	16.3	279	8.7	456	10.3	119	30.3	789	16.5	544	11.7	150	28.7	1483	15.9
Condom use by the last client	No	329	33.4	348	15.8	276	9.8	578	11.2	278	29.9	1046	18.5	582	11.6	181	27.7	1809	16.9
	Yes	34	41.2	74	20.9	114	9.0	95	10.6	151	19.2	248	19.1	200	10.9	20	16.0	468	15.3
	No	349	35.1	355	17.4	289	9.5	617	11.1	NA	NA	831	14.6	585	12.7	194	27.1	1610	15.5
	Yes	14	0.2	63	12.3	95	9.3	48	7.6	NA	NA	77	14.9	138	6.8	5	0.0	220	9.1
Condom use by the last occasional client	Missing	0	0.0	4	0.0	4	24.9	8	24.2	NA	NA	8	40.3	8	0.0	0	0.0	16	19.7
	No	65	12.5	114	20.9	137	11.9	151	11.4	207	22.7	402	19.1	243	11.5	29	8.1	674	15.4
	Yes	295	37.5	304	15.6	249	8.5	451	10.6	222	29.3	843	17.9	512	12.4	166	30.5	1521	17.3
	No	95	29.2	138	14.5	105	8.0	99	6.5	19	21.1	213	17.8	205	10.8	38	17.5	456	14.0
Condom use in last sex with main partner	Yes	107	29.1	143	14.6	170	11.7	380	8.8	273	22.7	632	15.4	355	10.6	86	15.5	1073	13.6
	No	156	38.9	140	20.7	111	6.9	188	17.2	137	33.6	438	23.1	218	13.5	76	40.3	732	22.3
	No main partner	95	29.2	138	14.5	105	8.0	99	6.5	19	21.1	213	17.8	205	10.8	38	17.5	456	14.0
	Yes	107	29.1	143	14.6	170	11.7	380	8.8	273	22.7	632	15.4	355	10.6	86	15.5	1073	13.6
Condom use in last sex with main partner	No	329	35.3	310	16.7	209	7.9	522	10.9	NA	NA	704	14.1	487	13.0	179	27.8	1370	15.7
	Yes	34	23.7	112	16.2	180	11.5	150	11.6	NA	NA	211	17.9	245	8.2	20	10.8	476	12.4
	No	271	35.9	272	16.6	199	8.1	368	11.7	86	32.6	632	17.2	419	13.3	145	32.0	1196	17.6
	Yes	92	28.7	150	16.4	191	10.9	230	9.1	343	24.5	616	19.3	336	10.3	54	14.9	1006	15.7
Condom use everytime with occasional client	No	59	25.3	98	12.4	56	10.2	58	6.3	2	0.0	130	17.7	119	11.2	24	8.2	273	13.2
	Yes	92	24.3	126	11.8	156	9.1	335	7.8	215	22.3	536	14.5	319	8.7	69	11.7	924	11.9
Condom use everytime with regular client	No	56	38.3	58	23.6	66	13.2	92	11.2	75	24.0	189	18.5	126	15.7	32	31.1	347	18.7
	Yes	95	29.2	138	14.5	105	8.0	99	6.5	19	21.1	213	17.8	205	10.8	38	17.5	456	14.0
	No	107	29.1	143	14.6	170	11.7	380	8.8	273	22.7	632	15.4	355	10.6	86	15.5	1073	13.6
	DK/No answer	5	53.3	1	0.0	4	27.7	6	0.0	0	0.0	11	13.8	4	14.8	1	0.0	16	13.5
Consistent condom use with all partners	Yes	189	37.8	176	17.8	97	7.1	153	11.6	32	50.0	345	20.8	224	13.7	78	39.8	647	20.5
	No	174	29.0	246	15.5	293	10.3	520	10.9	397	24.2	949	17.8	558	10.5	123	18.0	1630	15.0
	Yes	275	34.9	266	18.6	152	8.2	401	10.3	0	0.0	577	14.6	379	13.0	138	30.4	1094	16.2
	No	88	32.1	156	12.8	238	10.3	272	12.2	429	26.1	717	21.9	403	9.9	63	17.8	1183	17.1
Consistent condom use with main regular partner	Yes	67	26.1	98	15.5	52	11.1	54	3.7	5	20.0	131	16.9	122	13.0	23	16.7	276	14.7
	No	140	31.2	185	13.8	227	10.5	431	8.7	287	22.6	726	15.8	442	10.0	102	15.9	1270	13.5
Heard of STI	No	55	29.0	99	14.4	133	7.7	112	5.6	NA	NA	204	10.7	167	9.2	28	9.5	399	9.9
	Yes	308	35.0	322	17.2	257	10.5	561	12.2	NA	NA	712	16.2	565	12.2	171	28.6	1448	16.2

Experienced any STI in the past 12 months	Yes	130	36.4	202	20.9	154	8.8	363	11.0	149	30.2	584	18.5	342	14.0	72	18.9	998	16.8
	No	233	33.2	220	12.9	236	10.0	310	11.2	280	23.9	710	18.6	440	9.4	129	30.8	1279	16.5
Currently experiences any STI	Yes	100	36.2	164	24.4	118	7.0	276	10.6	129	27.1	466	17.8	269	15.0	52	17.2	787	16.7
	No	263	33.6	258	12.4	272	10.6	397	11.4	300	25.7	828	19.0	513	9.7	149	29.8	1490	16.6
Ever heard of HIV/AIDS	Yes	353	35.3	402	16.9	354	9.4	657	11.2	NA	NA	870	15.2	704	11.9	192	26.6	1766	15.2
	No	10	0.2	20	8.3	36	11.0	16	3.3	NA	NA	47	10.2	28	2.2	7	7.1	82	6.9
Ever taken HIV test	Yes	117	37.0	84	19.3	85	15.2	252	16.1	89	32.6	373	23.1	182	13.9	72	29.2	627	21.0
	No	246	32.9	338	15.8	305	8.1	421	8.1	340	24.4	921	16.4	600	10.7	129	24.5	1650	14.8
Received any service from program	Yes	346	35.8	371	16.4	287	9.9	589	11.4	282	29.8	1067	19.5	634	11.9	174	28.0	1875	17.5
	No	17	9.8	51	18.5	103	8.6	84	8.7	147	19.0	227	14.0	148	9.6	27	11.8	402	12.1
Have seen condom demonstration	Yes	331	36.3	334	16.4	250	10.1	547	10.8	163	28.8	888	18.4	571	11.8	166	27.8	1625	16.9
	No	32	13.4	88	17.7	140	8.6	126	12.3	266	24.4	406	19.0	211	10.3	35	16.4	652	15.8
Received education on STI/HIV/AIDS from	Yes	324	37.5	351	15.9	268	9.8	584	11.3	275	29.5	1031	19.5	605	11.8	166	29.0	1802	17.5
	No	39	7.9	71	22.6	122	9.1	89	9.2	154	20.1	263	14.9	177	10.4	35	10.5	475	12.7
Ever visited the clinic	Yes	303	36.2	315	15.8	201	8.1	463	11.6	223	27.8	869	19.4	497	11.6	139	29.0	1505	17.5
	No	60	24.7	107	19.8	189	10.9	210	9.8	206	24.3	425	16.9	285	11.3	62	18.7	772	14.8
Ever received grey pack	Yes	266	36.2	304	17.6	144	6.8	375	11.5	193	28.0	746	19.6	406	12.5	130	29.1	1282	18.1
	No	97	28.8	118	13.5	246	10.9	298	10.6	236	24.6	548	17.4	376	10.2	71	20.6	995	14.8

Table 5: Determinants of HIV prevalence

Variable	Category	Odds ratio	Sig.
Age	<25 years	1.00000	--
	25-34 years	0.71061	0.05184
	35-44 years	0.51330	0.00081
	45+ years	0.45787	0.02213
Duration in sex work	< 2 year	1.00000	--
	2-4 years	2.64721	0.00000
	5+ years	3.34353	0.00000
Marital status	Never married	1.00000	--
	Currently married	1.01215	0.96107
	Marital dissolution	1.18177	0.43364
	Others	1.45716	0.20154
Education	Illiterate	1.00000	--
	Literate	0.78535	0.07803
Residence	Localite	1.00000	--
	Non localite	1.30959	0.03383
Sex work outside city	Ever done sex work outside city	1.00000	--
	Never done sex work outside city	0.73526	0.06441
Typology	Home	1.00000	--
	Public places	1.35620	0.04534
	Brothel	2.09735	0.00047
Number of clients per week	<5	1.00000	--
	5-9	0.86971	0.41660
	10+	1.09478	0.59355
Source of income	Has other source of income	1.00000	--
	Only sex work	1.02177	0.87076
Consistent condom use	Consistent condom user	1.00000	--
	Inconsistent condom user	0.82933	0.19343
Anal sex	Ever had anal sex	1.00000	--
	Never had anal sex	0.95575	0.81543
Partner type	Has no main regular partner	1.00000	0.00594
	Has main partner but not stay with him	0.70018	0.01712
	Stays with the main regular partner	0.56076	0.00368
Forced sex	Ever forced to have sex	1.00000	--
	Never forced to have sex	1.11004	0.63232
STI prevalence	Has any STI	1.00000	--
	No STI	0.23512	0.00000
	Constant	0.16105	0.00002

Table 6: Determinants of consistent condom use

		Odds ratio	p
Age	<25 years	1.00000	--
	25-34 years	0.79011	0.08690
	35-44 years	0.76045	0.07134
	45+ years	1.25717	0.37218
Duration is sex work	< 2 year	1.00000	--
	2-4 years	1.06435	0.63470
	5+ years	0.93113	0.59637
Marital status	Never married	1.00000	--
	Currently married	0.68362	0.04123
	Marital dissolution	0.46845	0.00000
	Others	1.60405	0.07895
Education	Illiterate	1.00000	--
	Literate	0.92678	0.44910
Residence	Localite	1.00000	--
	Non localite	1.27725	0.01285
Sex work outside city	Ever done sex work outside city	1.00000	--
	Never done sex work outside city	0.81088	0.13765
Typology	Home	1.00000	--
	Public places	1.25600	0.03333
	Brothel	1.17222	0.32393
Number of clients per week	<5	1.00000	--
	5-9	0.71074	0.00820
	10+	0.79240	0.07504
Source of income	Has other source of income	1.00000	--
	Only sex work	1.24002	0.03566
Anal sex	Ever had anal sex	1.00000	--
	Never had anal sex	1.47423	0.01145
Partner type	Has no main regular partner	1.00000	--
	Has main partner but not stay with him	0.60518	0.00006
	Stays with the main regular partner	0.55129	0.00004
Forced sex	Ever forced to have sex	1.00000	--
	Never forced to have sex	1.70049	0.00068
Condom demonstration	Has seen condom demonstration	1.00000	--
	Never seen condom demonstrtation	0.51318	0.00000
	Constant	1.87384	0.04790

Table 7: Percent of FSWs who have received education on STI/HIV/AIDS from the project, seen a condom demo, received condom by characteristics and clinic visit

		Have seen condom demonstration		Received condom from program		on STI/HIV/AIDS from NGO		Ever visited the clinic	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total		2312	74.1	1883	77.4	2312	80.6	2312	67.7
District name	Belgaum	386	92.7	386	92.5	386	88.6	386	85.8
	Bellary	427	87.7	427	89.2	427	87.7	427	81.4
	Shimoga	394	62.8	394	55.0	394	67.0	394	48.0
	Bangalore Urban	676	81.4	676	76.5	676	87.5	676	69.0
	Mysore	429	38.0	0	0.0	429	64.1	429	52.0
Age group	<25 years	474	71.7	390	71.8	474	77.5	474	62.0
	25-34 years	1031	76.3	818	81.3	1031	83.2	1031	71.0
	35-44 years	698	72.7	580	75.7	698	79.9	698	66.4
	45+ years	109	73.4	95	78.3	109	75.5	109	70.4
Sex work duration	< 2 year	533	69.7	424	69.6	533	77.2	533	63.0
	2-4 years	769	71.5	596	75.8	769	79.3	769	63.6
	5+ years	1009	78.5	862	82.7	1009	83.6	1009	73.4
Marital status	Never married	271	80.1	249	82.7	271	82.4	271	75.2
	Currently married	837	73.2	659	75.7	837	80.5	837	63.3
	Marital dissolution	1061	71.3	843	74.9	1061	78.7	1061	66.5
	Others	143	88.7	132	93.8	143	93.2	143	89.1
Educational status of respondents	Illiterate	1492	71.4	1168	78.3	1492	79.0	1492	65.7
	Literate	800	78.0	696	76.3	800	83.1	800	70.6
Locality	Localite	1181	72.3	906	77.2	1181	79.4	1181	66.9
	Non localite	1131	76.0	977	77.7	1131	82.0	1131	68.7
Ever done sex work outside city	Yes	377	80.9	337	82.4	377	86.8	377	78.3
	No	1935	72.9	1546	76.5	1935	79.6	1935	65.9
Typology	Public places	1305	69.3	928	76.7	1305	80.5	1305	67.0
	Home	790	76.2	740	75.6	790	79.9	790	66.5
	Brothel	217	87.5	215	85.4	217	83.6	217	74.8
Number of clients per week	<5	609	64.7	486	65.4	609	72.4	609	59.2
	5-9	775	72.8	603	78.4	775	82.1	775	66.7
	10+	927	81.5	793	84.3	927	85.0	927	74.3
Has source of income other than sex work	Yes	1406	74.9	1214	76.7	1406	80.7	1406	67.8
	No	906	72.9	669	78.7	906	80.6	906	67.7
Consistent condom use with all partners	Yes	1022	85.0	1016	83.7	1022	87.6	1022	73.9
	No	1290	64.6	867	69.8	1290	74.5	1290	62.3
Ever had anal sex	Yes	271	73.0	240	73.2	271	79.6	271	68.5
	No	2041	74.2	1643	78.0	2041	80.8	2041	67.6
Partner type	Has no main regular partner	753	73.6	616	79.2	753	80.6	753	67.8
	Has main partner but not stay with him	851	68.7	559	76.3	851	78.2	851	66.8
	Stays with the main regular partner	708	80.6	708	76.6	708	83.4	708	68.6
Ever forced to sex	Yes	251	78.4	251	73.7	251	81.8	251	66.8
	No	1629	80.8	1629	77.9	1629	83.8	1629	71.0
	Missing	432	38.4	3	100.0	432	64.3	432	52.3
Any STI or HIV	Yes	1591	75.2	1298	79.9	1591	82.6	1591	68.7
	No	690	69.7	554	70.5	690	77.5	690	63.8

IBBA among MSMT in Bangalore: Key findings

Table 1: Distribution of Socio-demographic characteristics by personal identity

Characteristics	Kothis	DDs	Hijra	Others	Total	Number
Age group						
<24 years	42.8	40.6	50.4	38.1	44.3	131
25-29 years	35.5	29.4	23.4	22.5	27.8	92
30-39 years	12.1	21.3	14.4	23.6	16.8	64
40+ years	9.6	8.7	11.8	15.8	11.2	34
Age group						
< 25	42.8	40.6	50.4	38.1	44.3	131
25-34	41.0	40.8	30.5	36.0	36.4	126
35-44	12.0	14.8	15.1	11.9	13.7	44
45+	4.2	3.8	3.9	14.1	5.6	20
Age group						
<25 years	42.8	40.6	50.4	38.1	44.3	131
25-34 years	41.0	40.8	30.5	36.0	36.4	126
35+ years	16.1	18.6	19.0	26.0	19.3	64
Age group						
< 20	12.7	2.0	2.0	4.2	5.3	14
20-24	30.1	38.6	48.5	33.9	39.0	117
25-29	35.5	29.4	23.4	22.5	27.8	92
30-39	12.1	21.3	14.4	23.6	16.8	64
40+	9.6	8.7	11.8	15.8	11.2	34
Current marital status						
Never married	90.2	70.8	77.9	64.2	77.5	244
Ever married	9.2	22.3	22.1	35.0	20.8	73
Missing	0.6	6.9	0.0	0.9	1.8	4
Residential status						
Localite	98.4	97.5	94.4	94.7	96.2	309
Non localite	1.6	2.5	5.6	5.3	3.8	12
Duration of stay in the city						
<5 years	24.8	27.5	41.5	17.9	30.2	63
5-10 years	12.3	12.8	20.9	23.8	17.3	55
11+ years	11.8	15.3	16.0	9.3	13.6	43
Since birth	49.6	41.9	15.9	43.8	35.1	148
Do not stay in the city	1.6	2.5	5.6	5.3	3.8	12
Source of income						
Sex work	64.5	12.6	99.6	10.9	57.2	132
Others	35.5	87.4	0.4	89.1	42.8	189
With whom currently live						
Living alone	10.9	18.4	10.7	14.0	12.9	44
Living with spouse/other female partner/male partner	6.4	8.1	10.1	23.4	10.9	38
Living with friend/colleague	34.8	6.7	12.7	12.2	17.3	57
Living with Guru	16.9	3.3	63.4	6.3	28.8	46
Living with family	31.0	63.5	3.1	44.1	30.1	136
Frequency of travel						
Not at all	80.9	63.7	74.8	52.2	70.4	222
At least once a month	4.6	12.3	7.9	16.1	9.3	38
Not once a month, but at least once an year	14.5	24.0	14.9	31.7	19.5	59
No answer	0.0	0.0	2.4	0.0	0.8	2
Received injection from doctor/RMP/TMP						
No	77.4	75.5	47.4	55.4	62.7	207
Yes	22.6	24.5	52.6	44.6	37.3	114
N	107	86	56	72	321	321

Table 2: Sexual behaviour characteristics by personal identity

Characteristics	Kothis	DDs	Hijra	Others	Total	Number
Age at first anal sex						
< 20 years	77.0	62.0	90.9	69.7	77.5	237
20+ years	23.0	38.0	9.1	30.3	22.5	84
Age at first vaginal sex						
< 20 years	34.9	36.7	15.0	36.6	28.5	99
20+ years	20.9	31.9	1.0	46.1	20.3	93
Never had vaginal sex	40.8	29.3	76.2	17.3	47.0	119
DK/No answer	3.5	2.2	7.8	0.0	4.2	10
Place of solicitation						
Home	11.2	3.9	1.9	13.8	6.8	25
Public places	66.7	87.2	49.0	84.7	67.7	248
Hamam	14.9	0.0	40.6	0.0	18.4	25
Others	7.1	8.9	8.5	1.5	7.1	23
Sex work duration						
< 5 year	6.9	12.9	6.4	10.4	8.5	27
5-9 year	29.7	15.1	44.6	14.0	29.3	77
10+ year	30.0	15.0	42.5	16.5	29.0	84
Not in sex work	33.4	57.1	6.5	59.1	33.1	133
Engaged in sex work						
Engaged in sex work	66.6	42.9	93.5	40.9	66.9	188
Not in sex work	33.4	57.1	6.5	59.1	33.1	133
Type of sexual partner						
Only men	38.5	28.4	66.7	11.8	42.0	135
Men and women only	53.4	57.0	14.1	54.3	40.4	130
Men, women and Hijra	8.2	14.6	19.2	34.0	17.7	57
Number of anal sex partner in past one week prior to survey						
< 3	63.2	71.6	25.3	65.7	52.0	190
3+	33.6	26.2	60.1	29.4	40.8	117
Missing	3.2	2.1	14.6	4.9	7.3	14
Ever received cash/gift in return for anal sex						
Yes	66.6	42.9	93.5	40.9	66.9	188
No	33.4	57.1	6.5	59.1	33.1	133
Age when first sold sex						
<15 years	18.2	6.5	22.5	9.3	17.9	29
15-19 years	62.1	58.2	66.4	59.3	63.5	123
20-24 years	14.7	35.3	10.3	19.7	15.8	31
25+ years	4.9	0.0	0.7	3.9	2.1	5
DK/No answer	0.0	0.0	0.0	7.9	0.8	1
Consumption of drinks last one month						
Every Day	15.3	15.8	26.6	10.4	18.6	56
At least once a week	36.2	30.0	22.8	28.9	28.9	89
Monthly, but not at least once a week	33.4	22.5	9.1	22.2	20.7	79
Never	12.4	19.6	34.3	33.4	25.1	76
DK/No answer	2.6	12.0	7.3	5.1	6.6	21
Have a main (regular) male sexual partner						
Yes	53.4	29.5	39.8	39.6	41.3	131
No	46.6	70.5	60.2	60.4	58.7	190
Have regular non-paying partner other than main male partner						
Yes	78.8	88.7	73.5	78.3	78.9	252
No	21.2	11.3	26.5	21.7	21.1	69
Had anal intercourse with Hijra						
No	98.4	93.9	100.0	90.0	96.6	305
Yes	1.6	6.1	0.0	10.0	3.4	16
Ever paid to have sex with a female						
Yes	6.5	20.0	0.0	27.7	10.5	44
No	93.5	80.0	100.0	72.3	89.5	277
Have a main female sexual partner						
No	97.0	86.1	96.1	69.7	89.9	280
Yes	3.0	13.9	3.9	30.3	10.1	41
N	107	86	56	72	321	321
No of STI symptoms in the past 12 months						
None	94.7	92.7	97.9	86.5	94.0	291
One	4.0	4.9	2.1	7.6	4.1	19
Two or more	1.3	2.4	0.0	6.0	1.9	9
Total	106	86	55	72	319	319

Table 3: Condom use by personal identity

Characteristics	Kothis	DDs	Hijra	Others	Total	Number
Ever used condom						
Yes	83.6	77.5	98.0	77.7	86.5	267
No	16.4	22.5	2.0	22.3	13.5	54
Condom use in last anal intercourse						
No	18.6	24.4	2.0	25.5	15.1	62
Yes	81.4	75.6	98.0	74.5	84.9	259
Experience of condom break last 6 months						
Yes	22.9	8.4	17.3	17.9	17.0	58
No	77.1	91.6	82.7	82.1	83.0	263
Ever used lubricants						
Yes	32.5	45.5	28.9	45.4	36.1	126
No	67.5	54.5	71.1	54.6	63.9	195
N	107	86	56	72	321	321
Condom use at last sex with main male/hijra regular partner						
Yes	88.3	82.4	70.5	71.6	78.7	103
No	11.7	17.6	29.5	28.4	21.3	28
Total	58	20	26	27	131	131
Condom use everytime with male/hijra regular partners						
Yes	80.8	65.3	78.5	49.5	71.5	221
No	19.2	34.7	21.5	50.5	28.5	100
N	107	86	56	72	321	321
Condom use everytime with known (regular) male partner						
Yes	82.4	63.9	95.7	67.3	78.9	156
No	17.6	36.1	4.3	32.7	21.1	48
Total	73	64	29	38	204	204
Condom use in last sex with known (regular) male partner						
No	41.0	43.7	56.0	57.8	49.7	156
Yes	59.0	56.3	44.0	42.2	50.3	165
N	107	86	56	72	321	321
Condom use everytime with partner you dont know or recognize (new)						
Yes	83.9	57.2	98.0	65.2	80.3	178
No	16.1	42.8	2.0	34.8	19.7	60
Total	100.0	100.0	100.0	100.0	100.0	238
Condom use in last sex with unrecognised man						
No	26.2	42.0	33.2	51.3	36.2	116
Yes	73.8	58.0	66.8	48.7	63.8	205
N	107	86	56	72	321	321
Condom use everytime with female regular partner						
Yes	43.1	15.5	NA	19.3	20.7	11
No	56.9	84.5	NA	80.7	79.3	38
Total	7	16	NA	26	49	49
Condom use at last sex with main female regular partner						
Yes	43.1	15.5	NA	29.0	25.7	14
No	56.9	74.8	NA	68.5	69.4	33
DK/No answer	0.0	9.7	NA	2.5	4.9	2
Condom use at last sex with all partners (male and female)						
Yes	54.5	29.1	72.8	19.8	49.9	135
No	45.5	70.9	27.2	80.2	50.1	186
N	107	86	56	72	321	321
Consistent condom use with main male partner						
Yes	79.2	57.5	68.2	63.9	69.7	90
No	20.8	42.5	31.8	36.1	30.3	41
Total	58	20	26	27	131	131
Consistent condom use with all male partner						
Yes	74.9	56.9	75.1	45.0	66.3	203
No	25.1	43.1	24.9	55.0	33.7	118
N	107	86	56	72	321	321
Consistent condom use with female main partner						
Yes	43.1	15.5	NA	19.3	20.7	11
No	56.9	84.5	NA	80.7	79.3	38
Total	7	16	NA	26	49	49
Consistent condom use with all partners (maile and female)						
Yes	72.1	48.5	70.3	33.3	60.1	179
No	27.9	51.5	29.7	66.7	39.9	142
N	107	86	56	72	321	321

Table 4: Program exposure by personal identity

Characteristics	Kothis	DDs	Hijra	Others	Total	Number
Ever contacted by the NGO staff						
Yes	79.8	62.6	64.7	78.8	70.7	233
No	20.2	37.4	35.3	21.2	29.3	88
Ever given condom by NGO staff						
Yes	76.4	57.1	62.7	71.4	66.7	218
No	3.4	5.6	3.9	7.3	4.7	16
Never contacted by the NGO staff	20.2	37.4	33.3	21.2	28.6	87
Condom given						
Yes	76.4	57.1	62.7	71.4	66.7	218
No	23.6	42.9	37.3	28.6	33.3	103
Ever given lubricants by the NGO staff						
Yes	64.2	25.8	36.1	40.6	42.3	145
No	15.6	36.9	30.6	38.2	29.1	89
Never contacted by the NGO staff	20.2	37.4	33.3	21.2	28.6	87
Personal Identity						
Kothi	100.0	0.0	0.0	0.0	27.0	107
AC/DC/DD	0.0	100.0	0.0	0.0	21.1	86
Hijra	0.0	0.0	100.0	0.0	35.4	56
Others	0.0	0.0	0.0	100.0	16.5	72
Ever received a blue packets with 7 tablets at the clinic						
Yes	57.1	34.2	34.3	56.2	44.1	168
No	6.9	3.3	0.0	7.2	3.7	15
Contacted by staff, but never visited the clinic	15.8	25.2	30.4	15.4	22.9	50
Never contacted by the staff	20.2	37.4	35.3	21.2	29.3	88
Lubricant given						
Yes	64.2	25.8	36.1	40.6	42.3	145
No	35.8	74.2	63.9	59.4	57.7	176
N	107	86	56	72	321	321

Table 5: HIV prevalence by Socio-demographic characteristics and Personal identity

Characteristics	Kothis	DDs	Hijra	Other	Total	Number
Age of respondents						
<24 years	19.4	22.0	18.2	7.0	17.6	129
25-29 years	25.1	5.8	37.6	7.1	21.4	88
30-39 years	21.3	9.5	19.0	6.3	13.7	63
40+ years	12.0	43.1	20.2	57.2	30.4	30
Age group						
< 25	19.4	22.0	18.2	7.0	17.6	129
25-34	22.5	5.8	27.5	8.6	17.5	122
35+	21.1	27.5	27.6	31.9	27.2	59
Age group						
< 20	15.5	0.0	0.0	0.0	10.1	14
20-24	21.1	23.1	18.9	7.9	18.7	115
25-29	25.1	5.8	37.6	7.1	21.4	88
30-39	21.3	9.5	19.0	6.3	13.7	63
40+	12.0	43.1	20.2	57.2	30.4	30
Age group						
< 25	19.4	22.0	18.2	7.0	17.6	129
25-34	22.5	5.8	27.5	8.6	17.5	122
35-44	23.9	34.5	35.8	7.2	28.4	42
45+	14.0	0.0	0.0	58.2	24.2	17
Current marital status						
Never married	21.2	5.0	21.6	7.9	16.2	239
Ever married	20.0	33.7	26.4	25.1	27.0	67
Residential status						
Localite	21.3	15.0	20.7	14.3	18.6	298
Non localite	0.0	73.7	52.1	0.0	37.2	12
Duration of stay in the city						
<5 years	12.6	27.5	19.2	17.2	19.3	59
5-10 years	19.0	9.1	25.6	6.3	17.4	54
11+ years	8.1	23.0	21.7	30.5	19.7	40
Since birth	28.9	6.0	16.2	14.6	18.1	145
Do not stay in the city	0.0	73.7	52.1	0.0	37.2	12
Source of income						
Sex work	24.9	45.0	22.7	0.0	23.8	124
Others	14.1	12.3	0.0	15.0	13.6	186
With whom currently live						
Living alone	19.0	2.8	0.0	36.0	11.5	42
Living with a partner	0.0	27.2	27.2	15.9	18.6	37
Living with family	21.0	0.0	36.9	12.2	21.8	56
Living with friend/colleague	33.6	0.0	23.8	0.0	23.9	43
Other	20.0	22.0	0.0	6.7	17.4	132
Frequency of travel						
Not at all	22.4	24.3	29.1	6.8	23.3	215
At least once a month	15.9	6.7	0.0	0.0	4.1	37
Not once a month, but at least once an year	15.1	0.0	5.9	30.5	13.3	56
Received injection from medical doctor/ nurse/RMP/TMP in last one year						
No	18.2	20.9	17.9	5.8	17.0	199
Yes	30.0	3.3	26.9	23.1	23.2	111
Total	21.0	16.5	22.6	13.5	19.3	310

Table 6: HIV prevalence by sexual behaviour and Personal identity

Characteristics	Kothis	DDs	Hijra	Other	Total	Number
Age at first anal sex						
< 20 years	22.2	20.5	22.7	10.0	20.2	229
20+ years	17.0	10.1	21.6	22.5	16.3	81
Age at first vaginal sex						
< 20 years	24.9	24.6	0.0	12.9	17.4	96
20+ years	30.4	20.6	0.0	19.4	22.5	89
Never had vaginal sex	15.1	3.5	28.8	0.0	20.3	116
Place of solicitation						
Home	11.9	0.0	0.0	17.3	11.1	25
Public places	23.0	19.0	26.5	11.3	20.3	239
Hamam	15.8		12.3		12.9	24
Others	25.5	0.0	85.1	100.0	37.5	22
Engaged in sex work						
Engaged in sex work	24.6	23.8	23.3	16.6	23.0	179
Not in sex work	14.2	11.2	0.0	11.4	11.8	131
Type of sexula partners						
Only men	10.9	3.6	29.7	0.0	19.2	104
Men and women only	27.1	22.6	0.0	11.9	18.9	149
Men, women and Hijra	32.3	18.3	17.6	20.5	20.4	57
Number of anal sex partner in past one week prior to survey						
< 3	17.2	22.1	17.9	17.9	18.9	184
3+	27.5	2.1	22.7	0.0	18.4	113
Missing	25.6	0.0	31.7	32.7	28.5	13
Ever received cash/gift in return for anal sex						
Yes	24.6	23.8	23.3	16.6	23.0	179
No	14.2	11.2	0.0	11.4	11.8	131
Age when first sold sex						
<15 years	22.9	0.0	7.0	0.0	10.6	27
15-19 years	20.4	37.7	28.3	6.1	25.4	120
20-24 years	46.9	3.7	25.0	43.1	26.8	27
25+ years	15.5	0.0	0.0	100.0	28.7	5
Consumption of drinks last one month						
Every Day	37.0	17.3	25.1	26.2	26.5	52
At lease once a week	13.7	25.1	15.3	5.8	15.5	85
Monthly, but not at least once a week	25.1	15.8	43.6	10.3	23.2	79
Never	14.2	5.9	25.5	20.6	19.0	73
DK/No answer	0.0	12.9	0.0	0.0	4.9	21
Have a main (regular) male sexual partner						
Yes	28.0	33.1	22.9	7.8	23.9	125
No	13.1	9.5	22.5	17.2	16.3	185
Male sexual partner other than main partner						
Yes	18.2	14.0	21.1	15.1	17.7	246
No	31.2	36.1	28.6	7.4	26.4	64
Had anal intercourse with Hijra						
No	20.9	16.7	22.6	15.1	19.7	294
Yes	27.3	13.5	0.0	0.0	8.6	16
Ever paid to have sex with a female						
Yes	20.2	17.5	0.0	3.1	11.5	43
No	21.0	16.3	22.6	17.7	20.3	267
Have a main female sexual partner						
No	21.2	14.7	23.6	11.8	19.5	270
Yes	14.6	29.2	0.0	17.2	17.8	40
No of STI symptoms in the past 12 months						
None	21.0	16.7	24.0	13.0	19.9	281
One	29.6	16.7	0.0	29.1	21.0	19
Two or more	0.0	0.0		0.0	0.0	8
Number of Current STI symptoms						
None	18.8	0.0	0.0	8.5	10.1	21
One	0.0	0.0	0.0	100.0	8.6	8
Two or more	0.0	100.0		0.0	38.0	3
Total	21.0	16.5	22.6	13.5	19.3	310

Table 7: HIV prevalence by condom use and Personal identity

Characteristics	Kothis	DDs	Hijra	Other	Total	Number
Ever used condom						
Yes	23.2	20.1	23.1	12.8	21.0	257
No	9.8	4.6	0.0	16.0	9.2	53
Condom use in last anal intercourse						
No	8.6	4.2	0.0	18.4	9.4	61
Yes	23.9	20.5	23.1	11.8	21.1	249
Experience of condom break last 6 months						
Yes	19.5	0.0	22.7	8.3	16.4	57
No	21.4	18.1	22.6	14.7	19.9	253
Ever used lubricants						
Yes	15.2	13.0	11.0	27.5	15.9	123
No	23.9	19.3	27.9	1.9	21.3	187
Condom use at last sex with main male/hijra regular partner						
Yes	28.5	40.1	26.4	5.5	26.5	99
No	25.0	0.0	11.9	13.2	13.5	26
Condom use everytime with male/hijra regular partners						
Yes	23.1	23.4	23.2	5.0	21.2	215
No	12.2	3.1	19.2	21.3	14.0	95
Condom use everytime with known (regular) male partner						
Yes	24.7	25.7	7.9	4.5	16.9	151
No	12.5	3.9		18.1	9.8	46
Condom use in last sex with known (regular) male partner						
No	15.9	8.5	36.1	16.6	22.0	151
Yes	24.6	22.9	7.9	8.9	16.8	159
Condom use everytime with partner you dont know or recognize (new)						
Yes	20.4	12.6	22.7	2.5	18.4	175
No	20.3	3.4	57.9	27.1	15.2	58
Condom use in last sex with unrecognised man						
No	21.7	26.0	20.6	15.9	21.1	110
Yes	20.7	9.5	23.4	10.8	18.4	200
Condom use everytime with female regular partner						
Yes	19.3	60.9		0.0	24.4	10
No	16.0	24.8		15.4	19.0	37
Condom use at last sex with main female regular partner						
Yes	19.3	60.9		0.0	19.3	13
No	16.0	14.2		18.2	16.5	32
DK/No answer		100.0		0.0	73.7	2
Condom use at last sex with all partners (maile and female)						
Yes	26.2	19.5	21.4	19.0	22.4	130
No	15.1	15.3	27.1	12.2	16.1	180
Consistent condom use with main male partner						
Yes	23.7	57.6	23.5	0.0	24.7	87
No	44.5	0.0	21.3	20.8	22.1	38
Consistent condom use with all male partner						
Yes	23.8	23.6	19.8	5.6	20.2	197
No	12.7	6.9	35.2	19.6	17.5	113
Consistent condom use with female main partner						
Yes	19.3	60.9		0.0	24.4	10
No	16.0	24.8		15.4	19.0	37
Consistent condom use with all partners (maile and female)						
Yes	21.1	23.8	21.1	2.8	20.0	174
No	20.6	9.5	27.4	18.4	18.1	136
Total	21.0	16.5	22.6	13.5	19.3	310

Table 8: HIV prevalence by program exposure and personal identity

Characteristics	Kothis	DDs	Hijra	Other	Total	Number
Ever contacted by the NGO staff						
Yes	22.2	23.0	19.2	16.9	20.4	226
No	15.9	5.9	28.2	0.0	16.7	84
Ever given condom by NGO staff						
Yes	23.3	21.9	19.2	13.9	20.0	212
No	0.0	33.5	0.0	46.4	23.9	15
Never contacted by the NGO staff	15.9	5.9	29.8	0.0	17.1	83
Condom given						
Yes	23.3	21.9	19.2	13.9	20.0	212
No	13.5	9.5	28.2	12.6	17.9	98
Ever given lubricants by the NGO staff						
Yes	20.4	20.8	27.6	13.3	21.4	141
No	29.5	24.5	6.1	20.9	18.4	86
Never contacted by the NGO staff	15.9	5.9	29.8	0.0	17.1	83
Ever received a blue packets with 7 tablets at the clinic						
Yes	21.6	10.4	27.6	14.7	19.9	165
No	20.8	25.1		33.0	25.7	14
Contacted by staff, but never visited the clinic	25.7	39.3	8.1	17.4	20.6	47
Never contacted by the staff	15.9	5.9	28.2	0.0	16.7	84
Lubricant given						
Yes	20.4	20.8	27.6	13.3	21.4	141
No	22.0	15.1	19.7	13.6	17.8	169
Total	21.0	16.5	22.6	13.5	19.3	310

IBBA among Clients of FSWS: Key findings

Table 1: Profile of clients- Percent of clients according to background details by district and place from where they pick FSWs

		District				Place of solicitation			Total
		Belgaum	Bellary	Shimoga	Bangalore Urban	Public place	Brothel/ hotel/lodge/ Dhaba	Home	
	Number	410	424	426	684	823	343	778	1944
Age group	<25	32.5	41.4	22.8	24.9	29.7	34.8	26.1	29.3
	25-34	41.5	33.7	45.1	42.9	40.0	38.8	43.4	41.2
	35+	26.0	24.9	32.0	32.3	30.4	26.3	30.4	29.5
Age group	<20	7.1	6.8	3.3	2.6	4.3	7.9	3.0	4.5
	20-24	25.4	34.6	19.5	22.2	25.4	26.9	23.1	24.8
	25-29	26.7	20.4	23.9	25.0	25.8	25.3	22.7	24.4
	30-34	14.8	13.3	21.2	17.9	14.2	13.5	20.7	16.8
	35-39	11.0	11.9	12.4	15.1	13.8	12.8	12.8	13.2
	40-44	7.9	6.5	8.7	7.5	8.0	7.3	7.5	7.6
	45+	7.1	6.5	11.0	9.7	8.6	6.2	10.2	8.8
	Mean age	29.6	28.6	31.7	31.2	30.3	29.2	31.1	30.4
	Never married	36.3	33.6	37.9	38.4	35.7	42.0	36.0	37.2
	Currently married	60.3	65.0	60.7	60.1	62.1	56.4	62.2	60.9
Marital status	Separated/Divorced/Widowed	3.4	1.4	1.4	1.5	2.2	1.6	1.8	1.9
Currently cohabiting	Yes	67.9	69.8	66.4	65.4	67.7	64.4	67.2	66.8
	No	32.1	30.2	33.6	34.6	32.3	35.6	32.8	33.2
Is cohabiting with partner among never married	Yes	20.7	14.4	14.7	12.9	14.7	19.0	13.5	15.3
	No	79.3	85.6	85.3	87.1	85.3	81.0	86.5	84.7
Education status	Illiterate	24.1	30.4	24.1	19.4	27.8	20.5	20.3	23.1
	Primary complete	25.2	35.7	26.9	26.5	25.8	30.8	28.6	28.1
	Middle complete	12.3	10.1	17.7	16.1	14.6	12.5	15.7	14.6
	Secondary+	38.4	23.8	31.2	38.0	31.8	36.3	35.3	34.3
Main occupation	Transport worker	29.0	26.4	29.8	29.2	29.6	32.0	26.6	28.8
	Service (govt/pvt)	20.2	8.2	7.8	19.7	15.5	16.1	14.7	15.3
	Business/shop owner	10.0	8.0	14.3	13.2	8.5	13.5	13.7	11.8
	Labor	33.9	51.6	41.5	29.0	41.0	30.1	36.3	36.7
	Others	7.0	5.8	6.6	8.8	5.4	8.3	8.6	7.4
Place of interview and usual place of residence same	Localite	85.1	94.1	98.3	93.4	92.6	90.6	93.7	92.6
	Non localite	14.9	5.9	1.7	6.6	7.4	9.4	6.3	7.4
Location of spouse	Spouse lives with the respondent	65.7	68.4	65.8	62.6	65.7	61.3	65.8	64.8
	Spouse lives elsewhere	2.1	1.0	0.6	2.8	1.8	3.1	1.4	1.9
	Not currently married/cohabiting	32.2	30.2	33.6	34.6	32.3	35.6	32.8	33.2
	No answer	0.0	0.4	0.0	0.0	0.2	0.0	0.0	0.1
Frequency of travel outside	No at all	44.5	52.5	36.6	39.2	41.1	42.1	44.1	42.6
	At least once a month	7.4	15.0	7.6	9.6	9.0	12.5	9.2	9.8
	Once in 2-6 months	15.8	20.8	22.0	19.1	19.0	17.5	20.1	19.1
	Once or twice a year	32.4	11.6	33.8	31.9	30.9	27.5	26.7	28.4
	No answer	0.0	0.0	0.0	0.2	0.0	0.3	0.0	0.1
Sex while traveling in past one year	Travelled and had sex	23.7	35.7	28.4	28.4	29.4	29.3	27.5	28.6
	Travelled but not had sex	31.7	11.7	35.0	32.3	29.4	28.5	28.4	28.8
	Not travelled	44.5	52.5	36.6	39.4	41.2	42.3	44.1	42.6
Number travelled in the past one year		226	214	258	417	476	206	433	1115
Bought sex during travel in the past one year	Yes	42.8	75.3	44.7	46.8	50.0	50.7	49.2	49.8
	No	57.2	24.7	55.3	53.2	50.0	49.3	50.8	50.2
Number of places travelled in the past year	1	57.1	30.2	53.3	45.2	46.3	47.4	47.4	47.0
	2	33.3	28.8	35.3	30.9	34.5	27.9	31.9	32.0
	3+	9.6	40.9	11.4	23.8	19.1	24.8	20.7	21.0

Table 2: Sexual behaviour/sex work details - Sexual behaviour and sex work details

		District				Place of solicitation			Total
		Belgaum	Bellary	Shimoga	Bangalore Urban	Public place	Brothel/ hotel/lodge/ Dhaba	Home	
Number		410	424	426	684	823	343	778	1944
Age at first sex	<=15 years	5.8	2.5	2.4	4.1	4.6	2.3	4.0	3.8
	16-17 years	9.6	10.2	10.1	12.9	11.6	15.0	8.7	11.1
	18-19 years	33.6	34.7	25.1	26.8	32.7	27.3	27.9	29.5
	20-24 years	40.1	45.8	50.9	44.9	41.4	44.0	48.4	44.9
	25+ years	10.8	6.8	11.5	11.3	9.6	11.5	11.0	10.6
	Mean age at first sex	19.9	19.7	20.4	20.1	19.8	20.1	20.3	20.1
Age at first paid sex	<18 years	7.3	8.3	3.3	9.1	7.5	8.8	6.8	7.5
	18-19 years	25.8	34.0	21.5	19.3	27.9	23.3	20.9	24.0
	20-24 years	50.7	49.2	55.5	48.3	48.3	50.3	51.6	50.1
	25+ years	16.2	8.4	19.5	23.3	16.2	17.6	20.6	18.4
	DK/No answer	0.0	0.2	0.2	0.0	0.1	0.0	0.1	0.1
	Mean age at first paid sex	21.1	20.1	21.8	22.1	21.1	21.3	21.8	21.5
Duration since first paid sex	<5 years	33.0	40.6	29.9	25.1	29.7	36.4	28.9	30.8
	5-9 years	24.2	22.9	19.2	24.9	25.4	22.7	21.7	23.3
	10+ years	42.8	36.5	50.9	50.1	44.9	40.9	49.4	46.0
Mean duration since first paid sex		9.6	8.9	11.3	11.0	10.5	9.1	10.8	10.3
Number of different FSWs had sex in the past one month	1	63.6	47.2	77.2	58.0	57.2	60.6	64.3	60.9
	2	25.6	34.6	18.1	28.3	28.8	25.7	26.0	26.9
	3+	10.8	18.2	4.7	13.5	14.0	13.3	9.7	12.0
	No answer	0.0	0.0	0.0	0.2	0.0	0.4	0.0	0.1
Mean number of FSWs in the past one month		1.6	1.8	1.3	1.8	1.7	1.7	1.6	1.6
Number of different FSWs had sex in the past six month	1	22.5	5.1	21.7	13.0	12.5	14.9	18.0	15.4
	2	19.4	18.7	31.5	21.0	20.8	23.0	23.1	22.2
	3-4	36.4	45.3	32.6	35.3	40.1	33.9	35.4	36.8
	5+	21.8	30.9	14.2	30.7	26.6	28.3	23.5	25.6
Mean number of different FSWs in the past six month		3.6	4.2	2.9	4.7	4.3	4.0	3.8	4.0
Number of occasional FSW partner in the past 6 months	0	13.6	2.4	5.1	12.3	6.8	6.4	13.3	9.5
	1-2	32.6	39.6	50.4	32.5	35.8	39.5	37.1	37.1
	3-4	33.8	37.2	30.8	31.8	36.1	29.8	32.1	33.0
	5+	20.0	20.8	13.7	23.3	21.3	24.3	17.5	20.4
Number of regular FSW partner in the past 6 months	0	76.0	45.9	88.2	58.2	66.9	69.4	63.1	65.8
	1-2	22.7	49.8	11.5	36.7	29.2	28.1	34.1	31.0
	3+	1.3	4.2	0.3	5.1	4.0	2.6	2.8	3.2
Paid for sex with regular FSW	Yes	24.7	56.3	12.2	44.0	34.9	32.6	38.0	35.7
	No	75.3	43.7	87.8	56.0	65.1	67.4	62.0	64.3
Ever had anal sex with FSW	Yes	7.6	4.4	4.6	15.0	10.2	8.5	9.2	9.4
	No	92.4	95.6	95.4	85.0	89.8	91.5	90.8	90.6
Have a steady female sexual partner	Yes	68.1	70.0	66.9	67.9	69.3	65.5	68.0	68.0
	No	31.9	30.0	33.1	32.1	30.7	34.5	32.0	32.0
Had other non-regular, non-commercial partner in the past one year	Yes	17.5	8.0	24.8	24.8	19.8	14.4	23.2	20.1
	No	82.5	92.0	75.2	75.2	80.2	85.6	76.8	79.9
Number of other non-regular, non-commercial partners in the past year	None	82.5	92.0	75.2	75.6	80.2	85.6	77.1	80.1
	1-2	16.1	7.5	20.7	21.5	17.6	13.2	19.9	17.6
	3+	1.4	0.6	4.1	2.9	2.1	1.2	3.0	2.3
	No answer	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
Mean number of other non-regular, non-commercial partner last year		0.3	0.1	0.5	0.6	0.5	0.2	0.4	0.4

		District				Place of solicitation			Total
		Belgaum	Bellary	Shimoga	Bangalore Urban	Public place	Brothel/ hotel/lodge/ Dhaba	Home	
Had anal sex with a man or a hijra in the last six months	Yes	2.4	3.3	1.5	14.2	8.0	6.0	6.9	7.1
	No	97.6	96.7	98.5	85.8	92.0	94.0	93.1	92.9
Number of male/hijra partners in the past 6 months	None	97.6	96.9	98.5	85.8	92.0	94.0	93.2	92.9
	1-2	2.3	2.7	1.5	11.7	6.2	4.9	6.3	6.0
	3+	0.2	0.4	0.0	2.5	1.8	1.1	0.6	1.1
	Mean number of male/hijra partner last six months	0.0	0.1	0.0	0.3	0.2	0.1	0.1	0.1
Number of paid male/hijra partners in the past 6 months	None	97.6	96.9	99.0	86.3	92.4	94.0	93.5	93.2
	1-2	2.1	2.3	1.0	11.6	5.9	4.9	6.0	5.8
	3+	0.3	0.7	0.0	2.1	1.6	1.1	0.5	1.0
	No answer	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
	Mean number of paid male/hijra partner last six months	0.0	0.1	0.0	0.2	0.2	0.1	0.1	0.1
Number of times had anal sex with male/hijra partners in the past 6 months	None	97.6	96.7	98.5	85.8	92.0	94.0	93.1	92.9
	1-2	2.3	2.5	1.5	11.0	5.6	4.7	6.3	5.7
	3+	0.2	0.7	0.0	3.2	2.5	1.4	0.6	1.4
	Mean number of times had anal sex with male/hijra six months	0.0	0.1	0.0	0.4	0.2	0.1	0.1	0.2

Table 3: Condom use - Percent of distribution of clients by condom use with different partners

	District				Place of solicitation			Total
	Belgaum	Bellary	Shimoga	Bangalore Urban	Public place	Brothel/ hotel/lodge/ Dhaba	Home	
Number	356	412	402	593	770	320	673	1763
Condom use at last sex with occasional FSW	68.2	55.1	64.9	67.7	59.8	73.1	64.5	64.7
Condom use everytime with occasional FSW	49.7	40.6	40.6	48.0	39.1	56.4	45.6	45.5
Condom use at last sex with regular FSW	57.1	48.5	58.3	65.3	56.2	55.7	62.4	58.9
Number	101	227	52	293	284	105	284	673
Condom use everytime with regular FSW	43.6	32.8	42.2	51.3	37.2	42.3	50.7	44.3
Number	410	424	426	684	823	343	778	1944
Reason for not using condom last sex								
No available	9.6	15.4	7.4	18.9	17.2	13.9	11.7	14.1
Dont like using condom	35.0	42.4	44.2	24.3	35.9	30.5	33.2	33.6
Used condom everytime	46.4	39.9	39.9	45.3	37.3	51.3	45.3	43.7
Others	8.7	1.8	8.2	8.9	8.7	4.3	7.7	7.3
No answer	0.4	0.5	0.3	2.5	0.8	0.1	2.2	1.2
Number	34	19	20	104	82	29	66	177
Everytime condom use during anal sex with FSW	57.9	47.0	31.2	45.5	38.2	59.3	48.0	46.3
Number	410	424	426	684	823	343	778	1944
Never had an occasion in the past 6 months when not used condom	51.9	38.6	41.2	50.1	42.7	52.7	47.4	46.8
Number	280	304	281	456	578	223	520	1321
Everytime condom use with main regular partner	6.8	3.6	1.7	5.4	4.3	5.9	4.3	4.6
Number	72	35	101	159	150	48	169	367
Last time condom use with non-regular, non-commercial partner	39.8	20.8	37.8	25.5	24.9	38.5	33.0	30.9
Number	10	13	6	86	63	20	32	115
Used condom at last sex with male/hijra partner	39.5	41.0	24.9	64.7	58.3	68.0	56.0	59.1
Number	10	13	6	86	63	20	32	115
Everytime condom use with male/hijra partner	28.7	25.3	24.9	55.3	49.3	49.3	49.8	49.5
Number	410	424	426	684	823	343	778	1944
Carry condom at the time of interview	14.4	18.7	7.4	26.8	15.9	24.5	18.6	18.9
Consistent condom use with occasional FSW	49.7	40.5	40.6	48.0	39.0	56.4	45.6	45.5
Consistent condom use with regular FSW	43.6	32.5	42.2	51.3	37.2	42.3	50.5	44.2
Consistent condom use during anal sex	57.9	47.0	31.2	45.5	38.2	59.3	48.0	46.3
Consistent condom use with main regular partner	6.8	3.6	1.7	5.4	4.3	5.9	4.3	4.6
Consistent condom use with non-paid casual partner	39.8	20.8	37.8	25.5	24.9	38.5	33.0	30.9
Consistent condom use with all partners	21.3	16.0	19.1	19.8	16.3	25.9	19.6	19.4
Consistent condom use occasional/regular partner	46.7	37.2	39.6	45.6	37.5	53.8	45.1	43.3
Circumcised	12.7	12.0	10.9	12.7	14.5	10.2	11.7	12.4

Table 4. HIV and STI prevalence among clients of male sex workers

	Prevalence of HIV		Active syphilis		High Titre syphilis		Chlamidia		Gonorrhea	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	1938	3.9	1841	4.0	1841	1.4	1659	2.1	1659	0.5
Belgaum	408	6.2	388	4.2	388	1.9	407	1.4	407	0.0
Bellary	424	6.0	402	5.8	402	1.2	422	1.7	422	0.9
Shimoga	426	3.0	422	3.1	422	0.5	150	0.0	150	0.8
Bangalore Urban	680	2.4	629	3.8	629	1.7	680	3.0	680	0.6

Table 5.1: Profile of clients and HIV prevalence

prevalence		District								Place of solicitation								Total	
		Belgaum		Bellary		Shimoga		Bangalore Urban		Public place		Brothel/hotel/lodge/ Dhaba		Home					
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Total		408	6.2	424	6.0	426	3.0	678	2.4	818	4.0	340	5.2	778	3.3	1936	3.9		
Age group	<25	130	3.3	165	3.9	102	0.0	194	0.7	255	1.5	114	3.5	222	1.6	591	2.0		
	25-34	166	7.0	145	6.3	186	2.8	272	2.8	313	3.2	138	6.8	318	3.7	769	4.2		
	35+	112	8.5	114	9.1	138	5.4	212	3.2	250	7.4	88	5.1	238	4.0	576	5.5		
Marital status	Never married	144	6.1	134	4.8	167	0.5	282	2.9	288	2.3	143	7.1	296	2.2	727	3.4		
	Currently married	264	6.3	290	6.6	259	4.5	396	2.1	530	4.9	197	3.9	482	3.9	1209	4.3		
Currently cohabiting	Yes	277	5.4	298	6.2	278	4.2	434	2.6	557	4.4	218	4.2	512	3.8	1287	4.1		
	No	130	7.9	126	5.5	148	0.5	244	2.0	260	3.1	122	7.2	266	2.1	648	3.6		
Is cohabiting with partner among never married	Yes	26	2.9	14	10.0	26	0.0	45	7.9	42	4.1	26	9.9	43	2.2	111	5.2		
	No	118	6.9	120	3.9	141	0.6	237	2.1	246	2.0	117	6.4	253	2.2	616	3.1		
Education status	Illiterate	102	8.0	138	5.0	95	7.9	130	3.8	238	5.0	75	5.6	152	6.1	465	5.6		
	Primary complete	99	4.6	153	8.5	119	0.7	190	0.8	224	3.7	102	6.7	235	1.2	561	3.3		
	Middle complete	55	5.5	44	4.8	79	3.1	104	2.5	119	3.1	43	4.3	120	3.4	282	3.4		
	Secondary+	152	6.4	89	4.0	133	1.2	254	2.8	237	3.7	120	4.0	271	3.3	628	3.6		
Main occupation	Transport worker	119	7.4	103	3.7	129	0.0	205	1.3	224	3.3	114	3.5	218	2.0	556	2.8		
	Service (govt/pvt)	79	11.2	39	17.5	30	0.0	126	4.1	121	9.3	51	9.7	102	3.6	274	7.1		
	Business/shop owner	40	6.0	34	6.8	59	7.7	87	2.5	64	4.6	45	6.1	111	3.7	220	4.5		
	Labor	144	3.5	225	5.9	181	4.6	208	2.8	363	2.9	101	5.7	294	4.5	758	4.1		
	Others	26	0.0	23	0.0	27	0.0	52	0.9	46	0.0	29	0.0	53	0.9	128	0.4		
Place of interview and usual place of residence same	Localite	353	6.8	407	5.7	418	3.0	633	2.1	764	3.9	310	5.1	737	3.2	1811	3.8		
	Non localite	55	2.9	17	10.9	8	0.0	45	6.1	54	4.4	30	6.6	41	4.5	125	5.1		
Location of spouse	Spouse lives with the respondent	269	5.6	295	6.4	275	4.3	410	2.5	539	4.3	208	4.4	502	3.9	1249	4.1		
	Spouse lives elsewhere	8	0.0	2	0.0	3	0.0	24	5.5	17	9.5	10	0.0	10	0.0	37	3.2		
	Not currently married/cohabiting	131	7.9	126	5.5	148	0.5	244	2.0	261	3.1	122	7.2	266	2.1	649	3.6		
	No answer	0	0.0	1	0.0	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	1	0.0		
Frequency of travel outside	No at all	183	7.5	210	5.7	168	2.0	264	2.7	345	5.4	135	3.8	345	3.9	825	4.4		
	At least once a month	29	3.1	60	13.2	37	6.2	73	4.4	77	6.2	38	14.9	84	2.4	199	6.9		
	Once in 2-6 months	62	3.6	100	4.3	89	4.2	125	3.7	161	4.5	65	4.1	150	2.8	376	3.6		
	Once or twice a year	134	6.3	54	1.4	132	2.6	215	0.7	235	1.2	101	4.0	199	2.9	535	2.5		
	No answer	0	0.0	0	0.0	0	0.0	1	0.0	0	0.0	1	0.0	0	0.0	1	0.0		
Sex while traveling in past one year	Travelled and had sex	102	6.2	166	5.5	116	7.0	179	2.9	244	3.1	105	7.1	214	4.7	563	4.6		
	Travelled but not had sex	123	4.3	48	9.1	142	0.8	233	1.7	228	2.9	99	5.5	219	1.0	546	2.6		
	Not travelled	183	7.5	210	5.7	168	2.0	264	2.7	345	5.4	135	3.8	345	3.9	825	4.4		
Bought sex during travel in the past one year	Yes	102	6.2	166	5.5	116	7.0	179	2.9	244	3.1	105	7.1	214	4.7	563	4.6		
	No	123	4.3	48	9.1	142	0.8	233	1.7	228	2.9	99	5.5	219	1.0	546	2.6		
Number of places travelled in the past year	1	129	7.1	70	6.3	134	3.5	190	1.1	215	2.1	98	7.2	210	3.0	523	3.6		
	2	72	1.8	61	3.5	89	4.1	138	3.4	162	2.6	60	3.7	138	3.0	360	3.0		
	3+	24	4.3	83	8.4	35	2.6	84	2.9	95	6.0	46	7.5	85	1.9	226	4.6		
Age at first sex	<=15 years	22	3.7	13	0.0	10	0.0	34	0.0	37	0.0	9	0.0	33	2.8	79	1.2		
	16-17 years	40	5.6	47	1.8	40	8.0	79	1.3	92	2.1	49	2.8	65	4.6	206	3.1		
	18-19 years	138	4.7	147	6.1	112	2.2	190	3.9	272	4.6	95	3.8	220	4.3	587	4.3		
	20-24 years	164	7.9	191	7.4	208	2.1	295	1.9	337	3.9	152	7.6	369	2.6	858	4.1		
	25+ years	44	6.3	26	4.6	56	4.7	80	3.1	80	6.5	35	3.5	91	2.9	206	4.2		
Age at first paid sex	<18 years	30	7.4	37	0.0	16	0.0	53	1.9	62	0.0	24	4.9	50	3.5	136	2.5		
	18-19 years	110	3.1	145	4.5	98	0.9	141	5.0	234	5.4	80	0.0	180	3.7	494	3.7		
	20-24 years	201	7.9	207	7.5	224	3.1	327	1.4	391	3.2	177	8.0	391	2.9	959	4.1		
	25+ years	67	5.3	34	9.4	87	5.6	157	2.6	130	5.7	59	4.3	156	3.6	345	4.4		
	DK/No answer	0	0.0	1	0.0	1	0.0	0	0.0	1	0.0	0	0.0	1	0.0	2	0.0		

		District								Place of solicitation								Total	
		Belgaum		Bellary		Shimoga		Bangalore Urban		Public place		Brothel/hotel/lodge/ Dhaba		Home					
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Total		408	6.2	424	6.0	426	3.0	678	2.4	818	4.0	340	5.2	778	3.3	1936	3.9		
Duration since first paid sex	<5 years	132	4.3	155	4.3	134	0.0	199	1.5	250	1.6	121	5.0	249	1.8	620	2.5		
	5-9 years	98	5.7	99	6.8	83	0.0	170	2.1	202	4.0	81	5.9	167	1.6	450	3.4		
	10+ years	178	7.9	170	7.4	209	5.9	309	3.0	366	5.5	138	5.1	362	4.9	866	5.1		
Number of different FSWs had sex in the past one month	1	256	7.1	212	3.5	324	3.0	411	1.9	476	3.5	211	3.8	516	3.2	1203	3.4		
	2	105	4.3	135	9.3	81	2.9	186	2.2	234	3.4	88	7.4	185	3.9	507	4.4		
	3+	47	5.5	77	6.2	21	3.9	80	5.2	108	7.3	40	7.5	77	1.9	225	5.5		
Number of different FSWs had sex in the past six month	1	86	5.1	24	0.0	91	3.7	92	1.6	96	2.0	54	5.5	143	2.4	293	2.9		
	2	76	8.6	90	3.1	132	0.6	151	0.7	182	2.6	83	1.6	184	3.0	449	2.6		
	3-4	153	4.8	184	6.6	138	3.9	237	3.5	322	4.8	117	5.4	273	3.5	712	4.4		
	5+	93	7.6	126	8.0	65	5.0	198	2.7	218	4.7	86	7.9	178	3.9	482	5.1		
Number of occasional FSW partner in the past 6 months	0	54	4.0	12	0.0	24	0.0	91	1.7	53	0.0	23	6.0	105	2.1	181	2.1		
	1-2	127	6.9	172	4.8	208	2.0	228	1.4	305	3.7	137	3.1	293	2.8	735	3.2		
	3-4	142	5.2	153	5.4	131	4.2	203	4.0	286	5.4	104	4.7	239	3.2	629	4.4		
	5+	85	8.2	87	10.2	63	5.2	156	2.1	174	3.3	76	9.2	141	5.2	391	5.5		
Number of regular FSW partner in the past 6 months	0	310	6.9	206	6.3	376	3.4	402	1.4	548	2.7	243	5.4	503	3.9	1294	3.8		
	1-2	92	4.3	198	5.9	48	0.0	236	4.3	236	7.0	88	5.2	250	2.3	574	4.5		
	3+	6	0.0	20	4.6	2	0.0	40	0.0	34	2.5	9	0.0	25	0.0	68	1.1		
Ever had anal sex with FSW	Yes	33	3.6	19	4.5	20	0.0	103	1.1	81	2.8	28	0.0	66	1.5	175	1.7		
	No	375	6.4	405	6.1	406	3.1	575	2.6	737	4.1	312	5.7	712	3.5	1761	4.2		
Have a steady female sexual partner	Yes	279	5.0	304	6.2	281	4.2	452	2.8	575	4.3	221	4.7	520	3.6	1316	4.1		
	No	129	8.7	120	5.6	145	0.6	226	1.6	243	3.3	119	6.2	258	2.5	620	3.6		
Had other non-regular, non-commercial partner in the past one year	Yes	71	1.1	35	0.0	101	3.7	157	0.6	148	0.9	47	0.0	169	1.7	364	1.2		
	No	337	7.3	389	6.5	325	2.8	521	3.0	670	4.7	293	6.1	609	3.7	1572	4.6		
Number of other non-regular, non-commercial partners in the past year	None	337	7.3	389	6.5	325	2.8	523	3.0	670	4.7	293	6.1	611	3.7	1574	4.6		
	1-2	64	1.2	32	0.0	87	0.9	133	0.0	130	0.0	43	0.0	143	1.0	316	0.5		
	3+	7	0.0	3	0.0	14	18.2	21	5.4	17	8.1	4	0.0	24	6.7	45	6.5		
Condom use at last sex with occasional FSW	Yes	240	4.7	223	9.1	255	2.1	394	3.1	454	5.1	233	4.8	425	3.3	1112	4.3		
	No	114	10.4	189	2.6	147	5.2	193	1.3	311	3.1	84	6.3	248	3.7	643	3.8		
Condom use everytime with occasional FSW	Yes	168	4.3	160	7.7	166	1.4	279	2.6	295	4.5	175	4.4	303	2.6	773	3.7		
	No	186	8.8	252	5.1	236	4.3	308	2.5	470	4.1	142	6.2	370	4.1	982	4.5		
Condom use at last sex with regular FSW	Yes	55	4.5	111	7.8	32	0.0	177	5.5	151	9.6	61	5.7	163	2.6	375	5.5		
	No	46	3.3	116	3.5	20	0.0	115	1.0	132	2.8	44	2.8	121	1.3	297	2.2		
Condom use everytime with regular FSW	Yes	41	5.9	70	8.2	23	0.0	134	3.7	98	8.6	44	3.0	126	3.2	268	4.7		
	No	60	2.5	157	4.3	29	0.0	158	4.2	185	5.4	61	5.5	158	1.0	404	3.7		
Reason for not using condom last sex	No available	41	5.5	68	11.9	38	0.0	123	3.3	142	6.1	43	8.7	85	1.5	270	5.0		
	Don't like using condom	147	8.2	178	2.7	181	4.3	177	1.8	298	3.1	103	4.5	282	4.3	683	3.9		
	Used condom everytime	178	4.4	166	7.6	174	1.4	303	2.2	303	4.4	177	4.4	341	2.3	821	3.5		
	Others	40	8.6	10	0.0	32	6.7	67	4.0	69	2.2	16	9.0	64	7.9	149	5.6		
	No answer	2	0.0	2	0.0	1	0.0	8	0.0	6	0.0	1	0.0	6	0.0	13	0.0		
Everytime condom use during anal sex with FSW	Yes	19	0.0	9	0.0	6	0.0	38	2.6	30	5.0	16	0.0	26	0.0	72	1.6		
	No	14	8.1	10	8.4	14	0.0	65	0.0	51	1.6	12	0.0	40	2.8	103	1.8		
Everytime condom use with main regular partner	Yes	17	4.3	8	7.7	5	16.5	29	4.2	23	9.5	13	0.0	23	6.3	59	5.8		
	No	262	5.1	296	6.2	276	4.0	423	2.7	552	4.0	208	5.0	497	3.5	1257	4.0		
Carry condom at the time of interview	Yes	50	3.5	78	9.6	35	7.5	150	3.6	122	5.9	77	6.2	114	3.7	313	5.0		
	No	344	6.9	333	5.2	382	2.7	516	2.0	673	3.6	254	5.1	648	3.2	1575	3.7		
	Never seen or heard a condom be	14	0.0	13	5.6	9	0.0	9	0.0	22	4.8	8	0.0	15	0.0	45	1.9		
Consistent condom use with casual FSW	Yes	168	4.1	59	7.7	100	1.4	270	3.6	294	4.5	175	4.4	303	2.6	772	3.7		

		Belgaum		Bellary		Shimoga		Bangalore Urban		Public place		Place of solicitation Brother/hotel/roodge/ Dhaba		Home		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total		408	6.2	424	6.0	426	3.0	678	2.4	818	4.0	340	5.2	778	3.3	1936	3.9
	No	186	8.8	253	5.1	236	4.3	308	2.5	471	4.1	142	6.2	370	4.1	983	4.5
Consistent condom use with main regular partner	Yes	17	4.3	8	7.7	5	16.5	29	4.2	23	9.5	13	0.0	23	6.3	59	5.8
	No	262	5.1	296	6.2	276	4.0	423	2.7	552	4.0	208	5.0	497	3.5	1257	4.0

		District								Place of solicitation							
		Belgaum		Bellary		Shimoga		Bangalore Urban		Public place		Brothel/hotel/lodge/Dhaba		Home		Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total		408	6.2	424	6.0	426	3.0	678	2.4	818	4.0	340	5.2	778	3.3	1936	3.9
Consistent condom use with all partners	Yes	83	4.3	61	7.2	83	1.9	135	2.5	122	4.0	91	3.9	149	3.0	362	3.6
	No	325	6.7	363	5.8	343	3.3	545	2.4	696	4.0	249	5.7	629	3.3	1576	4.0
Consistent condom use occasional/regular partner	Yes	180	4.3	154	8.1	173	1.4	310	2.3	298	4.3	180	4.3	339	2.5	817	3.5
	No	228	7.8	270	4.8	253	4.1	370	2.5	520	3.8	160	6.3	439	3.9	1121	4.2
Circumcised	Yes	53	4.2	50	6.5	53	1.7	83	0.6	107	1.2	37	6.4	95	2.6	239	2.7
	No	355	6.5	374	6.0	373	3.2	595	2.7	711	4.5	303	5.1	683	3.4	1697	4.1
Had an STI in the past 12 months	Yes	114	6.3	87	4.7	74	3.4	234	2.4	245	5.4	71	3.0	193	2.3	509	3.8
	No	294	6.1	337	6.3	352	2.9	444	2.4	573	3.3	269	5.8	585	3.6	1427	4.0
Most recent STI symptoms in past 12 months	Urethral discharge	4	20.8	15	11.8	1	0.0	47	6.4	47	11.1	3	0.0	17	0.0	67	7.8
	Genital ulcers/Sores	19	5.0	15	0.0	12	0.0	39	1.6	38	0.0	13	0.0	34	4.7	85	1.9
	Swelling in groin area	3	0.0	17	4.9	3	0.0	35	0.0	33	2.2	6	0.0	19	0.0	58	1.1
	Burning pain on urination	80	6.9	39	4.3	51	4.8	106	1.6	119	5.6	43	4.7	114	2.6	276	4.1
	Can not retract foreskin	8	0.0	0	0.0	7	0.0	6	0.0	8	0.0	5	0.0	8	0.0	21	0.0
	Missing	0	0.0	1	0.0	0	0.0	1	0.0	0	0.0	1	0.0	1	0.0	2	0.0
Among those had an STI in the past year, visited the KEY clinic	Yes	2	0.0	3	0.0	1	0.0	21	6.2	17	7.9	4	0.0	6	0.0	27	5.0
	No	112	6.5	84	4.9	73	3.4	213	2.1	228	5.2	67	3.1	187	2.4	482	3.7
Ever heard of HIV/AIDS	Yes	367	6.2	406	5.6	401	3.0	605	2.4	744	3.7	319	5.1	716	3.3	1779	3.8
	No	41	6.6	18	16.7	25	3.8	73	2.8	74	6.8	21	6.4	62	3.1	157	5.1
Feels at risk of being infected with HIV/ AIDS	No	250	3.7	349	5.7	312	2.6	486	2.8	577	3.6	251	5.7	569	2.2	1397	3.5
	Yes	41	11.7	37	3.7	30	2.6	74	0.7	73	3.3	34	3.7	75	4.6	182	4.0
	Don't know	76	11.8	20	8.0	59	4.7	45	0.0	94	4.4	34	2.2	72	11.1	200	6.5
Ever taken an HIV/AIDS test	Yes	59	12.6	64	10.8	54	8.8	94	2.7	107	6.7	59	6.7	105	8.0	271	7.2
	No	349	5.1	360	5.1	372	2.2	584	2.4	711	3.5	281	4.9	673	2.5	1665	3.4

Table 6: Odds ratio of prevalence of HIV

		Odds ratio	p
Age	<25	1.0000	--
	25-34	2.2796	0.0791
	35+	2.6626	0.0987
Marital status	Currently married	1.0000	--
	Never married	1.6743	0.1495
Occupation	Transport worker	1.0000	--
	Service (govt/pvt)	2.2522	0.0269
	Business/shop owner	1.1340	0.7814
	Labor	1.0381	0.9137
	Others	0.1260	0.1146
Residence	Localite	1.0000	--
	Non localite	1.2162	0.6463
Education	Illiterate	1.0000	--
	Primary complete	0.6755	0.2557
	Middle complete	0.6231	0.2689
	Secondary+	0.5950	0.1448
Place where clients picks most FSWs	Home	1.0000	--
	Public place	1.1748	0.5894
	Brothel/hotel/lodge/Dhaba	1.6602	0.1137
Travel	Travelled and had sex	1.0000	--
	Travelled but not had sex	0.6430	0.2222
	Not travelled	0.8408	0.5620
Number of different FSWs in the last month	1	1.0000	--
	2	1.1845	0.5609
	3+	1.0871	0.8221
Duration since 1st paid sex	<5 years	1.0000	--
	5-9 years	0.9232	0.8611
	10+ years	1.2266	0.6898
Circumcision	Yes	1.0000	--
	No	1.5350	0.3521
Consistent condom use	Yes	1.0000	--
	No	1.2431	0.4199
Prevalence of any STI	Yes	1.0000	--
	No	0.2369	0.0000
	Constant	0.0380	0.0001

Table 7: Odds ratio of consistent condom use

		Odds ratio	p
Age	<25	1.0000	--
	25-34	1.2399	0.1724
	35+	0.9265	0.7229
Marital status	Currently married	1.0000	--
	Never married	1.7553	0.0000
Occupation	Transport worker	1.0000	--
	Service (govt/pvt)	1.3983	0.0304
	Business/shop owner	1.2143	0.2500
	Labor	0.9311	0.5647
	Others	1.9964	0.0006
Residence	Localite	1.0000	--
	Non localite	1.0463	0.8075
Education	Illiterate	1.0000	--
	Primary complete	1.0404	0.7785
	Middle complete	1.5174	0.0119
	Secondary+	1.3628	0.0310
Place where clients picks most clients	Home	1.0000	--
	Public place	0.7545	0.0117
	Brothel/hotel/lodge/Dhaba	1.3697	0.0136
	Travelled and had sex	1.0000	--
Travel	Travelled but not had sex	0.9492	0.6936
	Not travelled	0.7711	0.0313
Number of different FSWs in the last month	1	1.0000	--
	2	0.8467	0.1445
	3+	0.9093	0.5486
	<5 years	1.0000	--
Duration since 1st paid sex	5-9 years	1.0048	0.9757
	10+ years	0.6290	0.0129
Heard/seen/read messages on STI in the last 6 months	Yes	1.0000	--
	No	0.8367	0.1025
Heard/seen/read messages on Key clinics in the last 6 months	Yes	1.0000	--
	No	0.9082	0.3837
	Constant	0.7805	0.2893

Table 8: Programmatic issues

	Total	District				Place of solicitation		
		Belgaum	Bellary	Shimoga	Bangalore Urban	Public place	Brothel/ hotel/lodge/Dhaba	Home
Number	1944	410	424	426	684	823	343	778
Percent report condom not available	9.6	8.4	9.7	5.0	12.1	12.1	9.5	7.5
Percent don't like condom	33.6	35.0	42.4	44.2	24.3	35.9	30.5	33.2
Percent carry condom at the time of interview	18.9	14.4	18.7	7.4	26.8	15.9	24.5	18.6
Percent report condom breakage at last sex	12.5	10.7	8.3	8.5	17.1	10.6	16.9	12.4
Percent had an STI in the past 12 months	25.3	26.2	18.2	15.8	32.3	30.1	19.0	24.4
Number had an STI in the past 12 months	509	114	87	74	234	245	71	193
Among those had an STI in the past year, percent visited the KEY clinic	4.8	1.7	3.1	1.2	7.5	7.1	3.2	3.1
Percent ever heard of HIV/AIDS	92.0	90.9	96.1	95.2	89.6	91.4	93.6	91.8
Percent feels at risk of being infected with HIV/ AIDS	10.9	10.8	10.9	7.4	12.7	10.0	11.2	11.5
Percent heard/seen/read advertisement or message on condoms in the past six months	92.4	90.5	92.9	93.6	93.0	91.0	93.1	93.4
Percent heard/seen/read advertisements/messages on STI in the past six months	57.7	44.8	65.4	64.8	58.1	49.3	62.3	62.5
Percent heard/seen/read advertisements/messages on Key clinics in the past six months	36.1	22.1	40.8	39.1	40.0	32.2	36.9	39.1
Percent ever been to a Key clinic for getting treatment for any kind of ailment	2.2	1.1	1.2	1.3	3.5	1.4	1.8	3.1