



BSS RESEARCH DISSEMINATION: A STUDY WITH WOMEN EXCHANGING SEX IN MT HAGEN

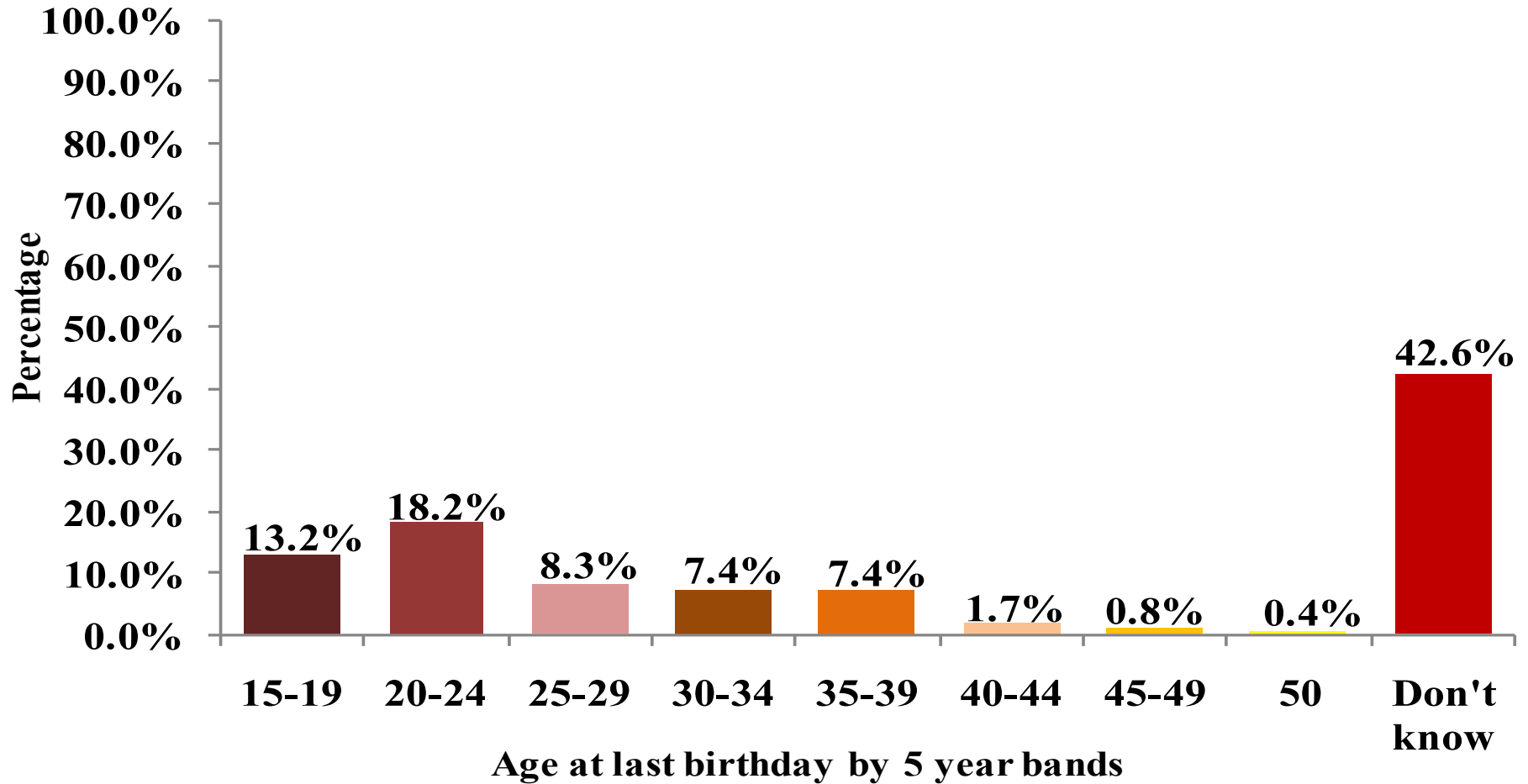
Presentation by: Dr. Holly Buchanan, Angelyn Amos and Kayleen Sapak

BSS Surveillance Unit, HIV and Public Health Program, National Research Institute

SAMPLE AND METHODS

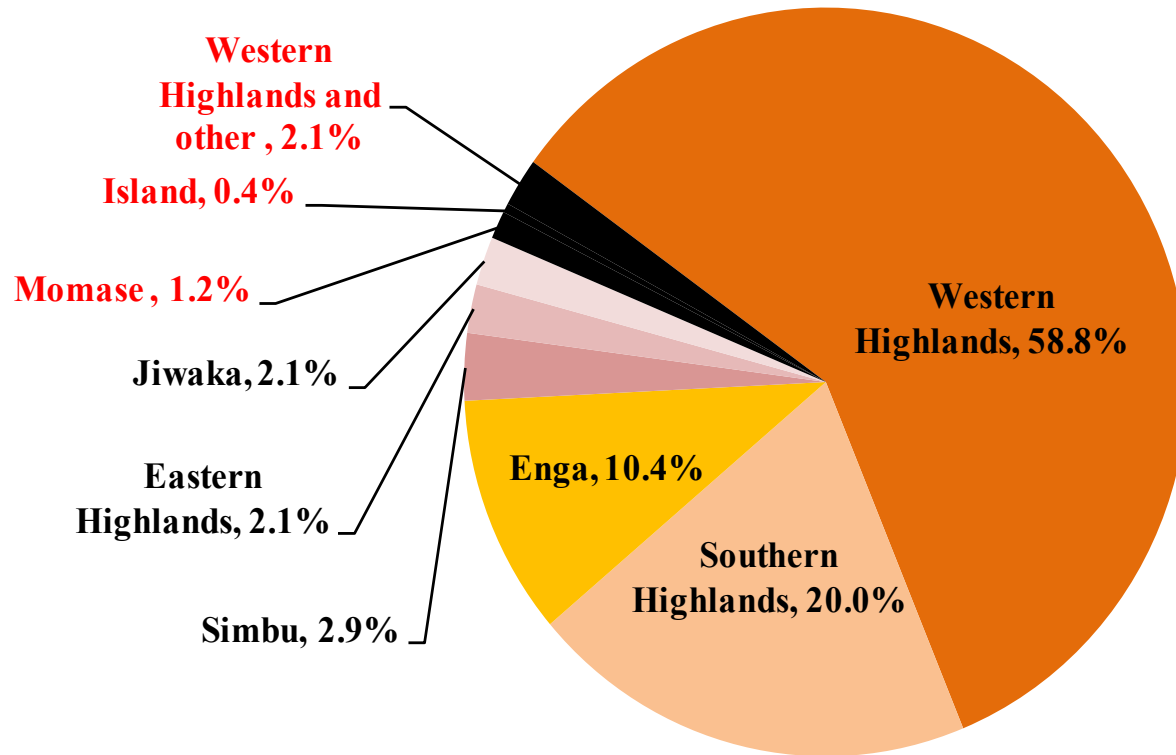
- ✘ **Sample Definition:** Women over 15 years of age who exchanged sex for money, good or services in the past 12 months
- ✘ **Method of sampling:** Used Respondent Driven Sampling (RDS)
- ✘ **Criteria for selection:** Over the age of 15; exchange sex for money, goods and or services in the past 12 months
- ✘ **Sample size:** 242 women
- ✘ **Interview method:** Face to Face interview / PDA

AGE



Over two fifths (42.6%; 103) of women exchanging sex did not know their age which causes great limitations for age related indicators. Of those who knew their age, the youngest of the women exchanging sex were three girls 15 years old and the oldest was 50 years old.

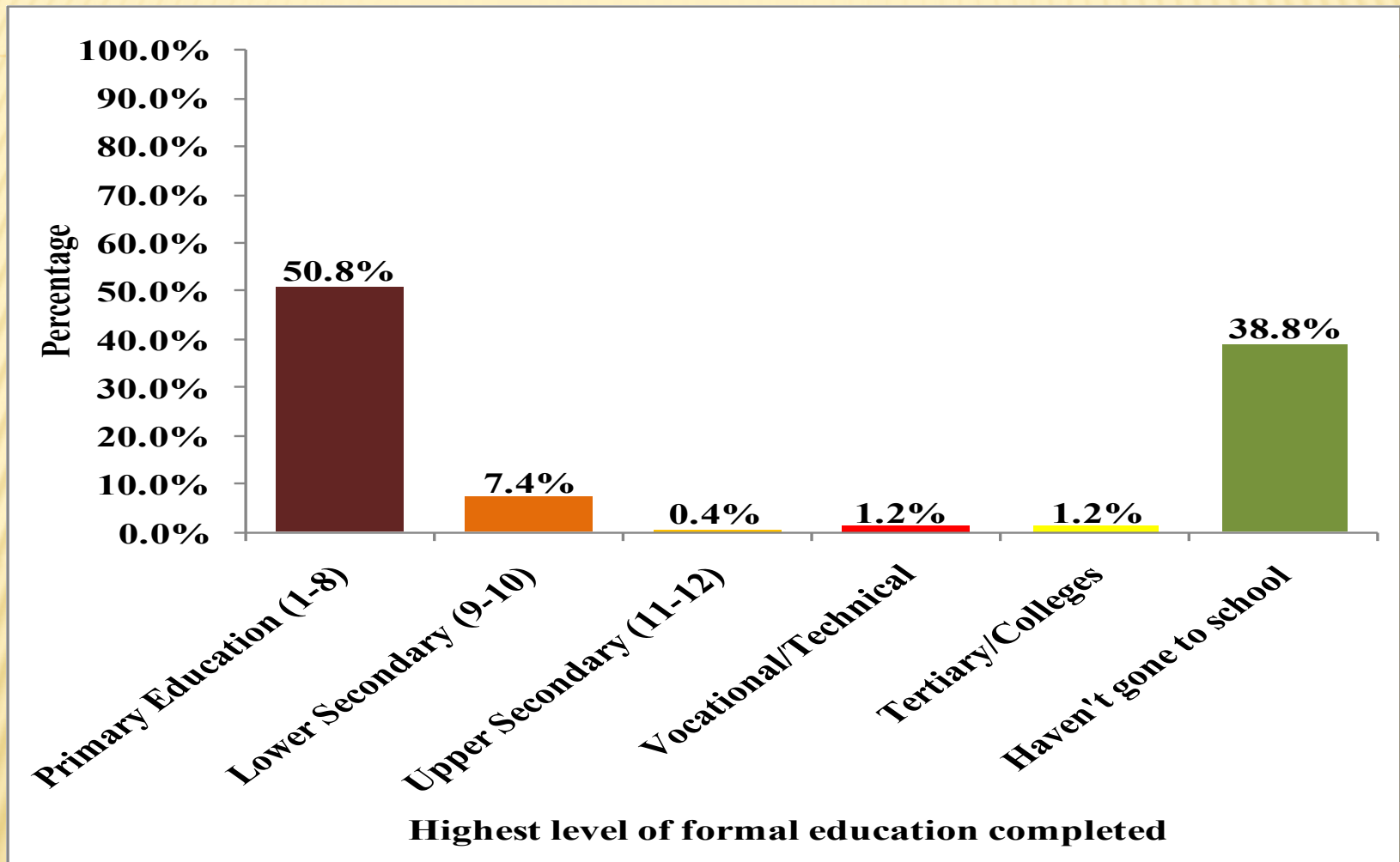
PLACE OF ORIGIN



<i>Highlands</i>	231	96.3%
<i>Momase</i>	3	1.2%
<i>Island</i>	1	0.4%

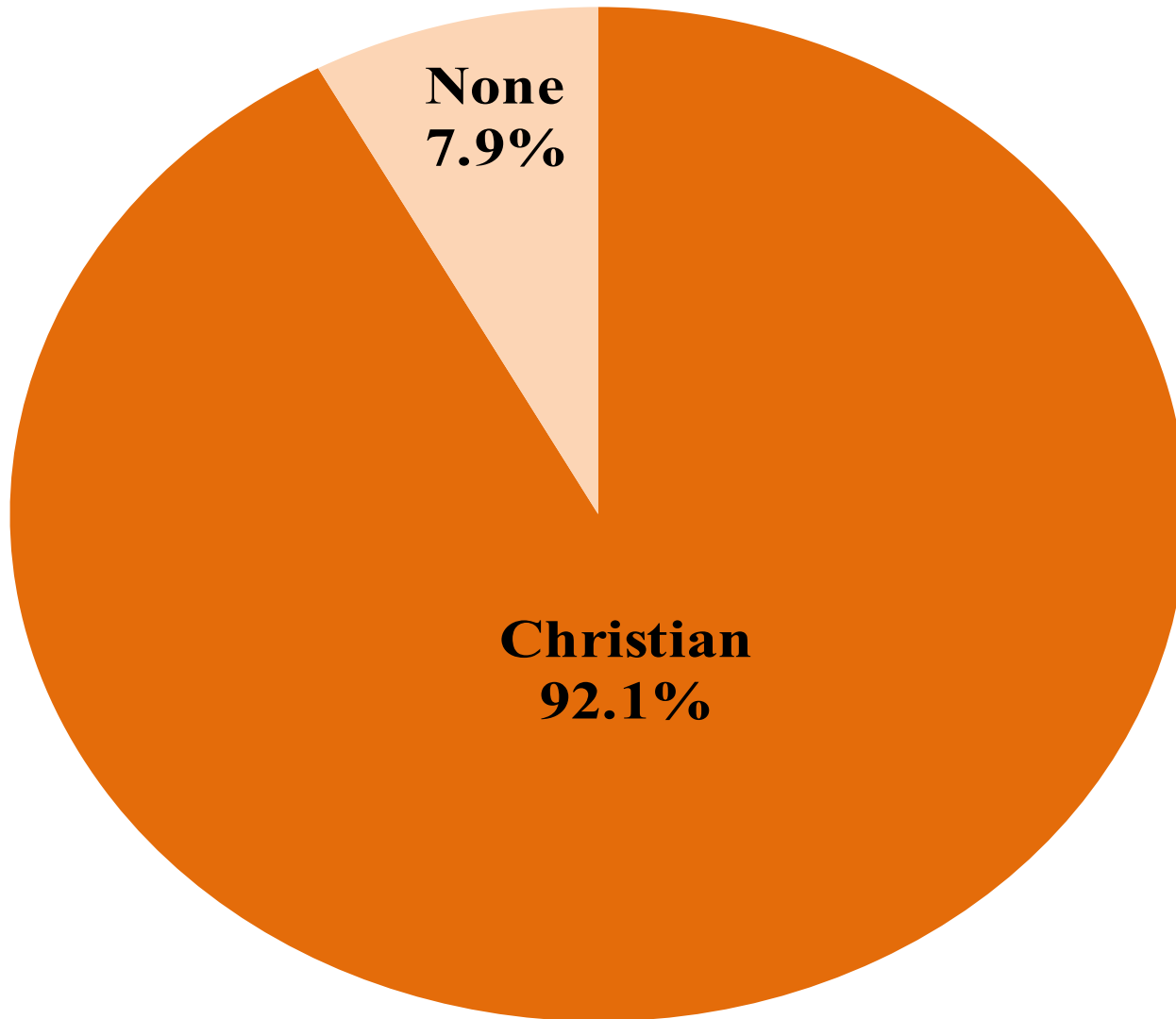
Over half (58.8%) were from Western Highlands Province, followed by Southern Highlands (20.0%) and Enga (10.4%)

HIGHEST LEVEL OF FORMAL EDUCATION

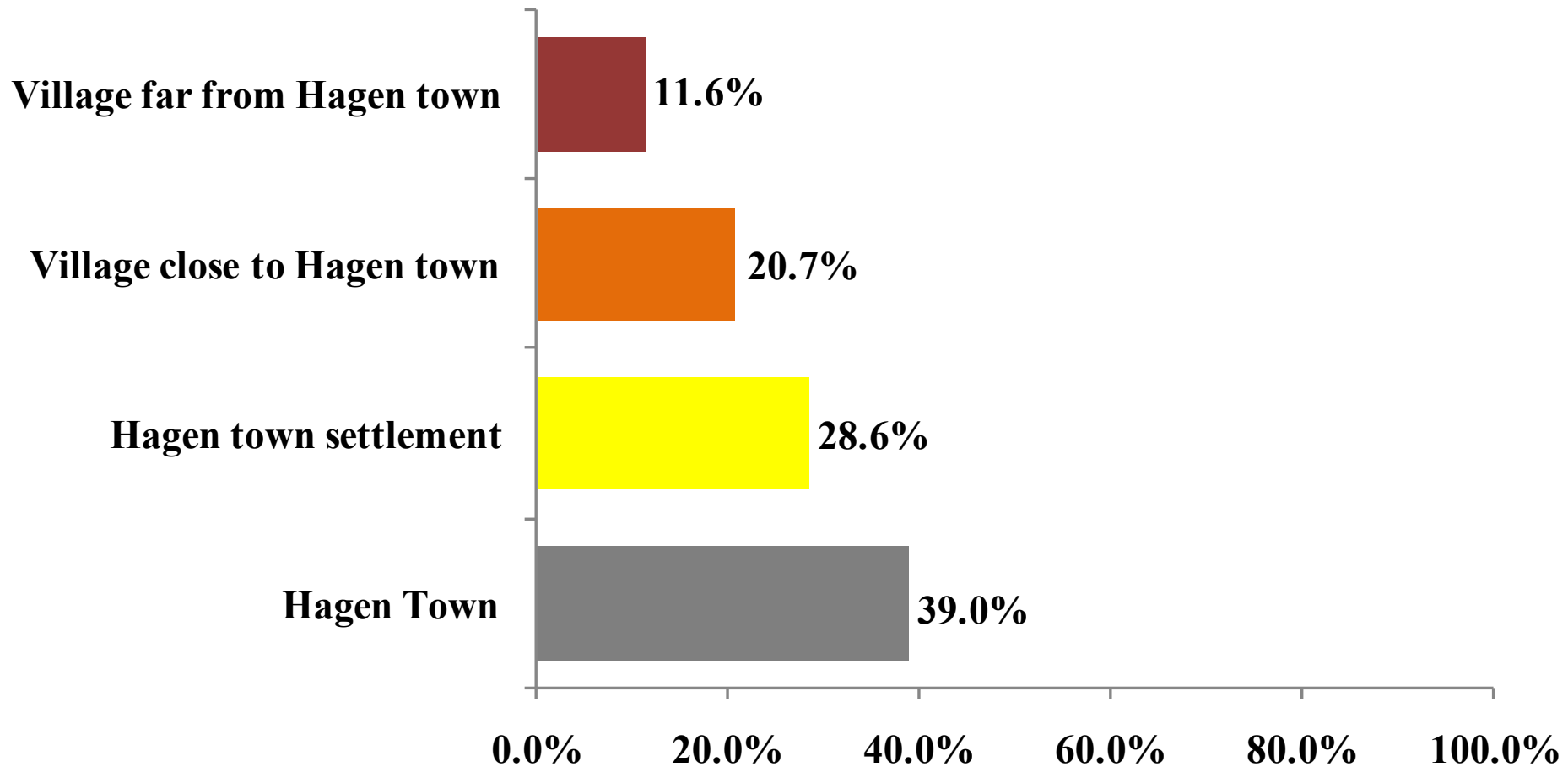


Close to two fifths (38.8%; 123) of the women had never been to school and among those who had been to some form of school, their educational levels were low with the majority only completing primary education.

RELIGION



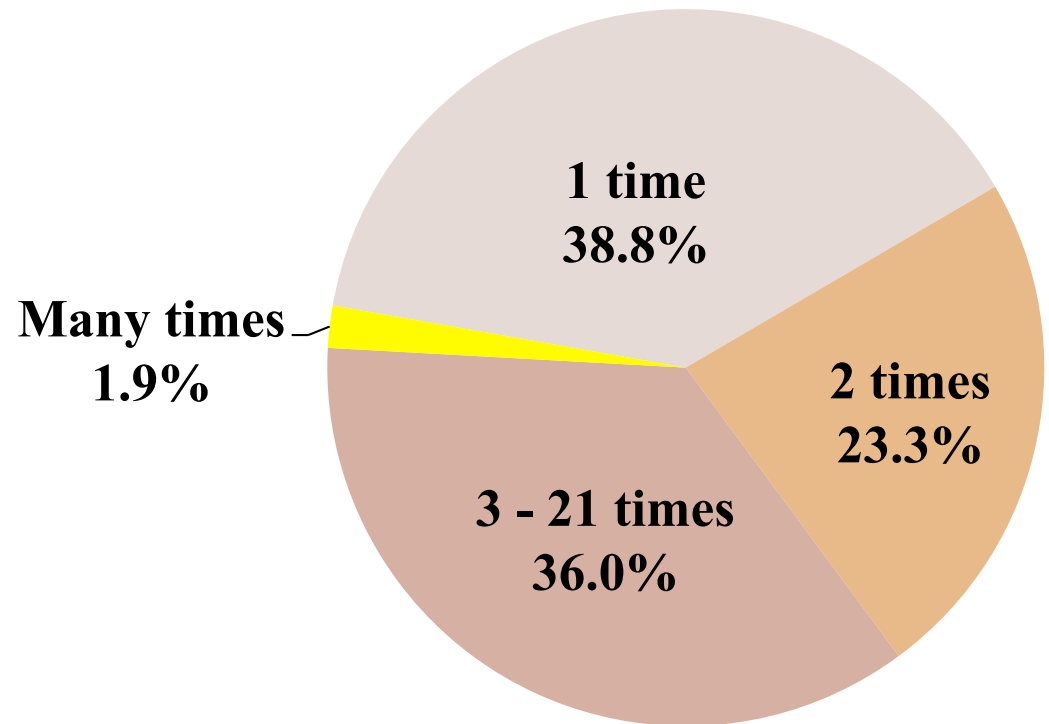
PLACE OF RESIDENCE



Most (67.6%; 163) of the women exchanging sex lived around Mt. Hagen Town, either in Hagen Town (39.0%;94) or in settlements around Hagen Town (28.6%; 69). The rest lived outside of Hagen in villages close to Hagen Town (20.7%; 50) or far from Hagen Town (11.6%; 28).

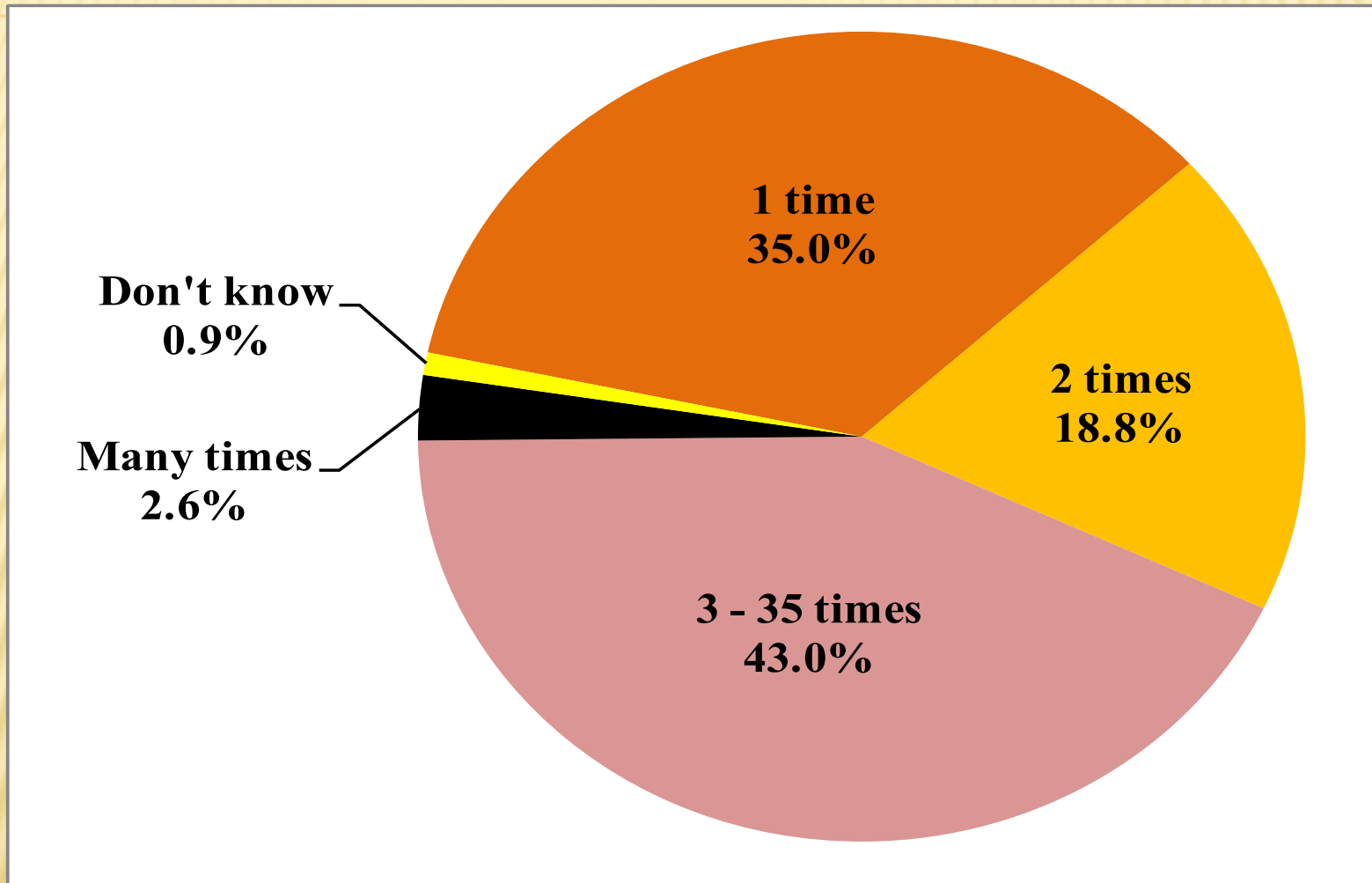
MOBILITY: NUMBER OF TIMES TRAVELLED OUT OF MT. HAGEN IN PAST MONTH

Ever travelled out of Mt. Hagen in the past month	n	% Total
Travelled out in the past month	103	42.7%
Did not travel out in the past month	138	57.3%
Total	241	100.0%



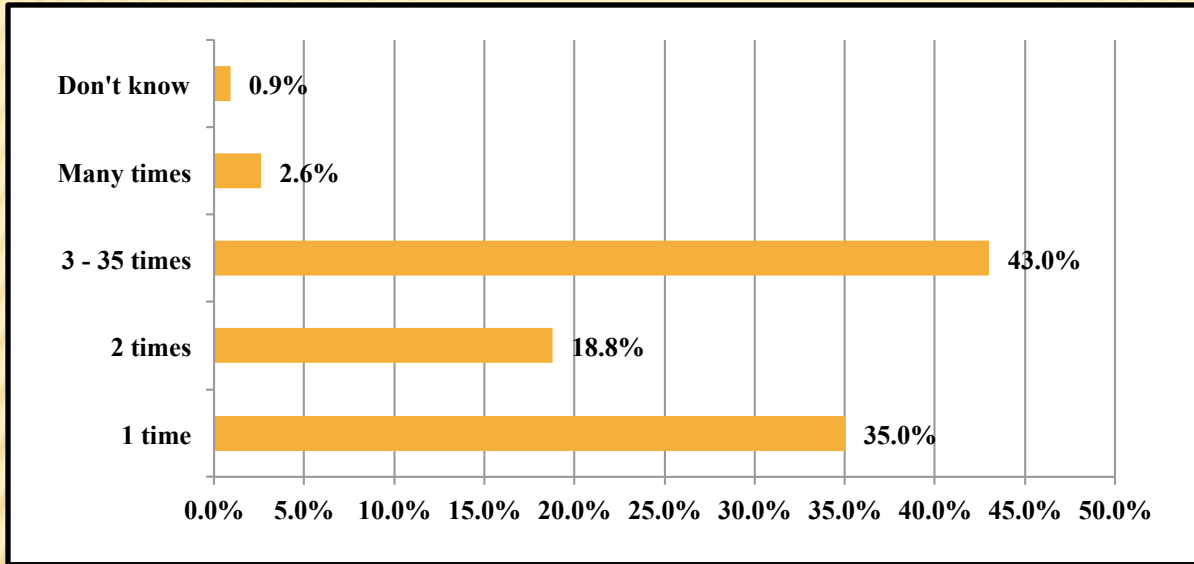
Overall, well over half (57.3%) had not travelled out of Mt Hagen in the past month. Of those (103) who had travelled out of Mt Hagen last month, almost two-fifths (38.8%; 40) travelled out once and one-fifth (23.3%; 24) travel out twice while over a third (36.0%; 37) travelled 3-21 times or 'many times' (1.9%; 2) out of Mt Hagen in the past month

NUMBER OF TIMES TRAVELLED OUT OF MT. HAGEN IN THE PAST 3 MONTHS

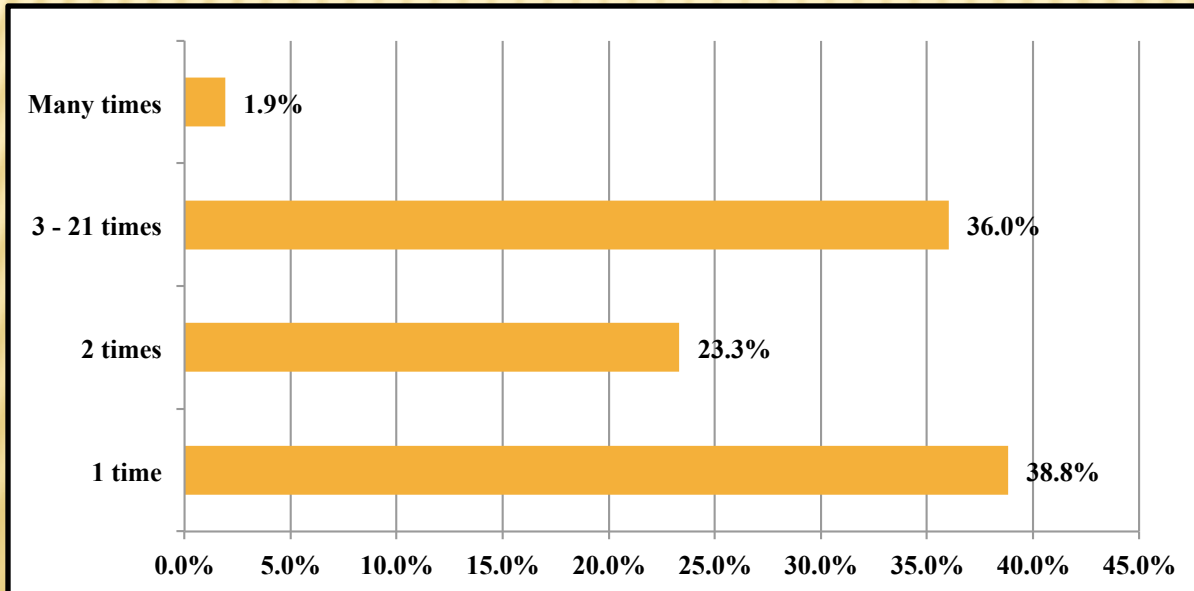


Over a third (35.0%; 41) of women reported that they travelled out of Mt. Hagen only once in the past three months. Close to a fifth (18.8%; 22) travelled out twice while over two fifths (43.0%; 50) travelled 3-35 times out of Mt Hagen in the past three months.

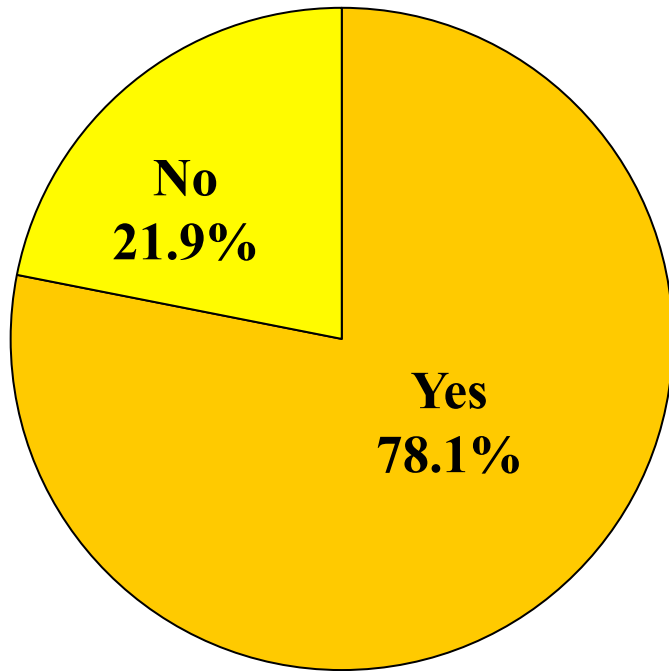
NUMBER OF TIMES TRAVELLED OUT OF MT. HAGEN IN THE PAST THREE MONTHS



NUMBER OF TIMES TRAVELLED OUT OF MT .HAGEN IN THE PAST MONTHS



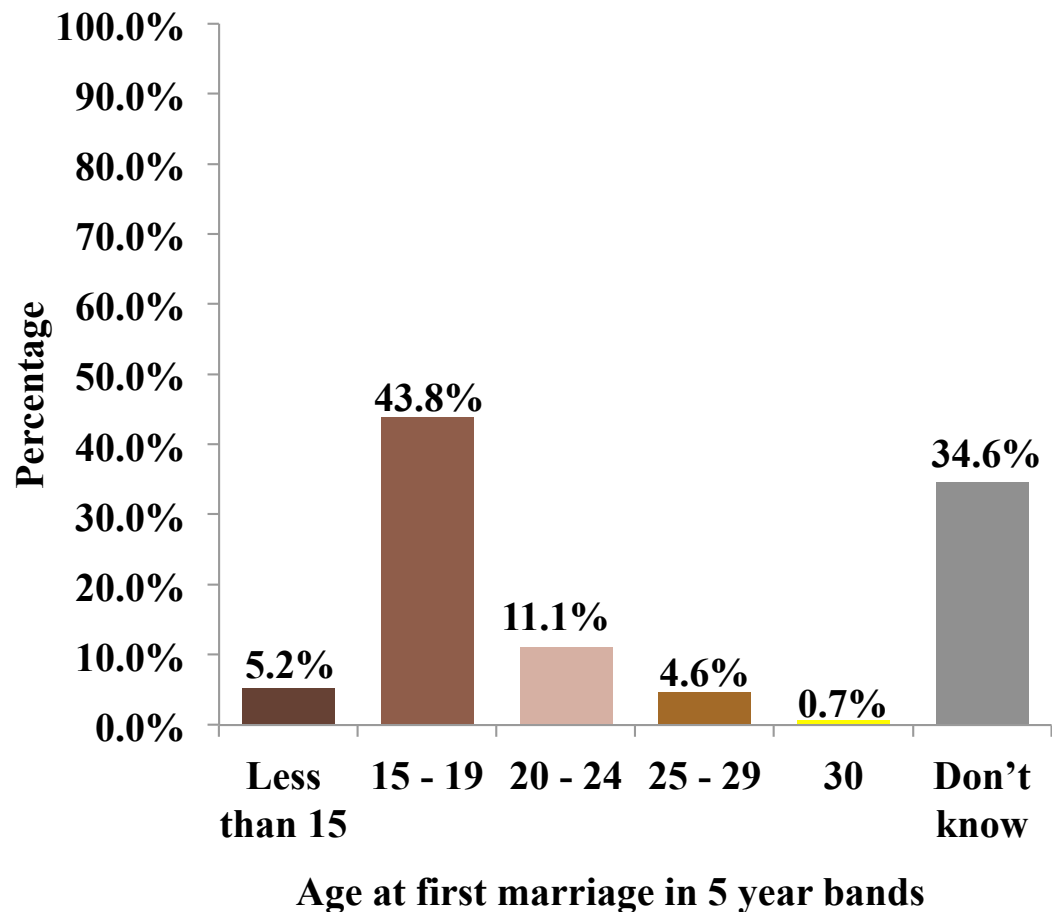
MARITAL STATUS



Currently married	2010		
	n	% Total	% of those ever married
Yes	8	3.3%	4.2%
No	181	74.8%	95.8%
Subtotal	189	78.1%	100.0%
Never married	53	21.9%	
Total	242	100.0%	

Over three quarters (78.1%; 189) of women said that they had been married at least once. Of those who had ever been married, 95.8% (181) were not currently married at the time of the interview.

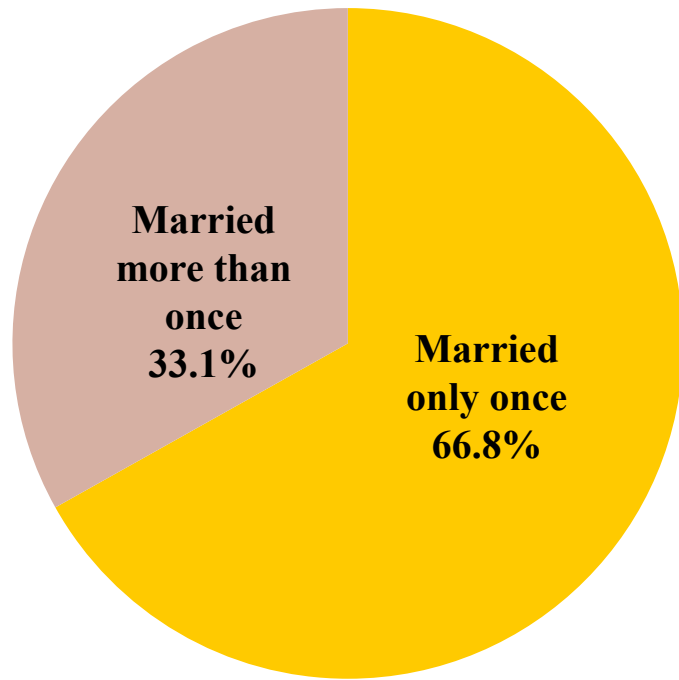
AGE AT FIRST MARRIAGE



Age at first marriage	2010	
	n	% ever married that knew their age
Less than 15	8	8.0%
15 - 19	67	67.0%
20 - 24	17	17.0%
25 - 29	7	7.0%
30	1	1.0%
Total	100	100.0%

Around a third (34.6%; 53) of women did not know their age at first marriage while around two thirds (65.4%; 100) did. Of those who knew their ages, most (84.0%; 84) had married between the ages of 15 and 24 and 8.0% (8) had married at the ages of 25 and over

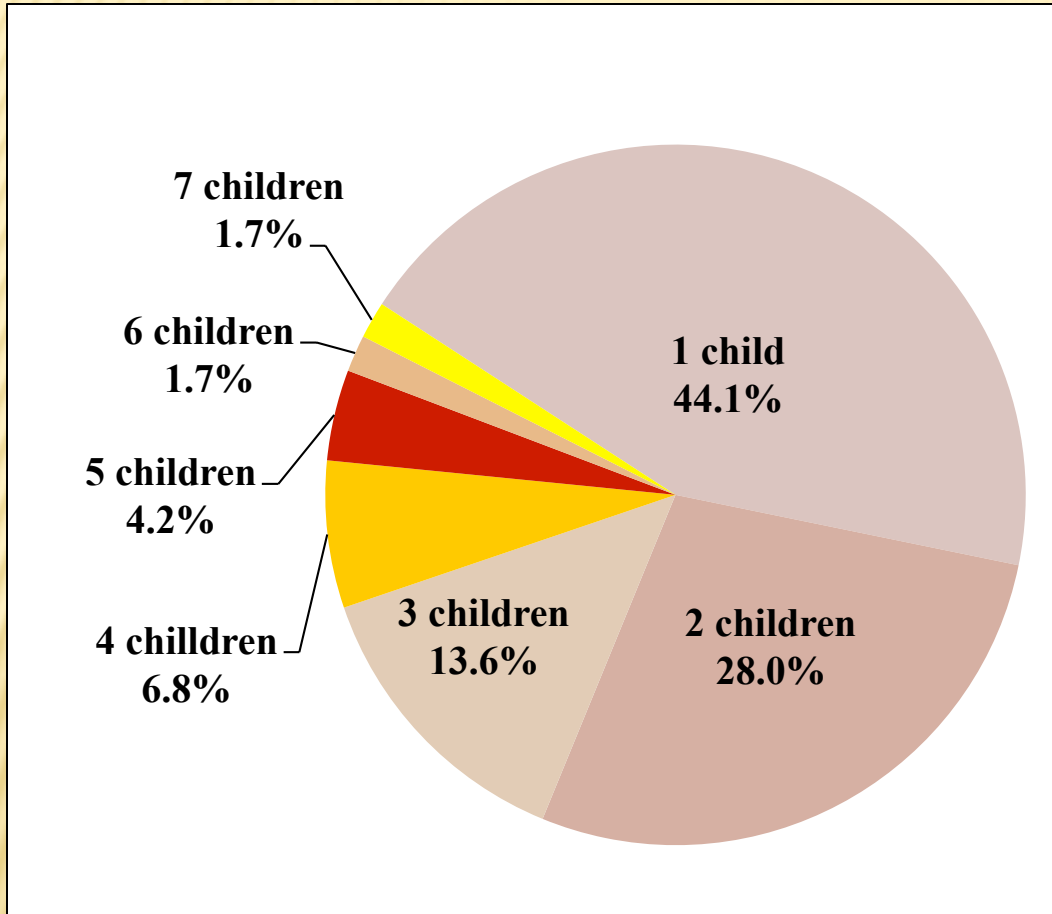
NUMBER OF TIMES MARRIED



Number of times married	2010	
	n	% of those ever married
1	123	66.8%
2	32	17.4%
3	11	6.0%
4	9	4.9%
5	6	3.3%
7	1	0.5%
9	1	0.5%
11	1	0.5%
Total	184	100.0%

A third (33.1%; 61) of those who had ever been married, had married more than once. Two thirds (66.8%; 123) had been married only once.

TOTAL NUMBER OF CHILDREN



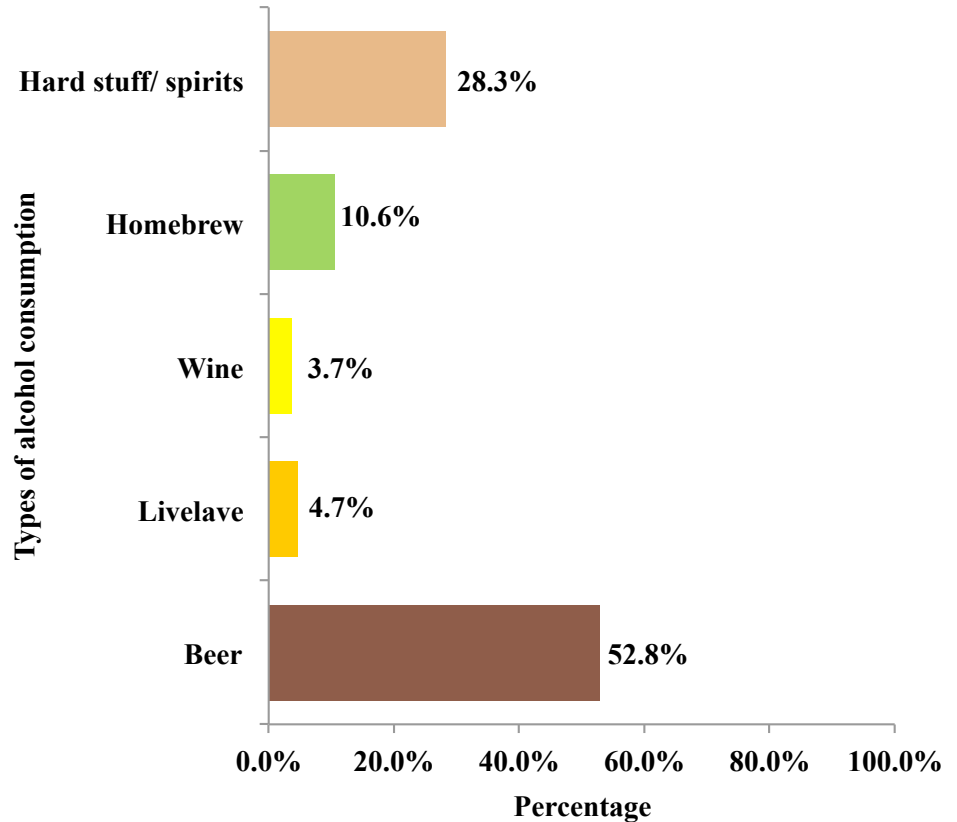
Overall number of children	2010		
	n	% Total	% in and out of marriage
1	52	21.7%	44.1%
2	33	13.8%	28.0%
3	16	6.7%	13.6%
4	8	3.3%	6.8%
5	5	2.1%	4.2%
6	2	0.8%	1.7%
7	2	0.8%	1.7%
Subtotal	118	49.2%	100.0%
Been pregnant but do not have children	5	2.1%	
Subtotal	123	51.3%	
Never been pregnant	117	48.8%	
Total	240	100.0%	

Number of children ranged between one to seven from both within and outside of marriage. Forty-four percent (52) of those women who had been in and out of marriage had only one child. While 41.6% (49) had two to three children while the rest had between four to seven children.

ALCOHOL: TYPE OF ALCOHOL

Drinks alcohol like beer, hard staff or home brew	2010	
	n	% Total
Yes	228	94.2%
No	14	5.8%
Total	242	100.0%

The great majority of the women exchanging sex (94.2%; 228) reported that they drank alcohol, only 5.8% say that they do not drink.



A total of 407 multiple responses were given by these 228 women on the type of alcohol they drink. Beer (52.8%; 215), followed by hard stuffs/spirits and livelave (33.0%; 134). Homebrew with (10.6%; 43) and wine (3.7%; 15).

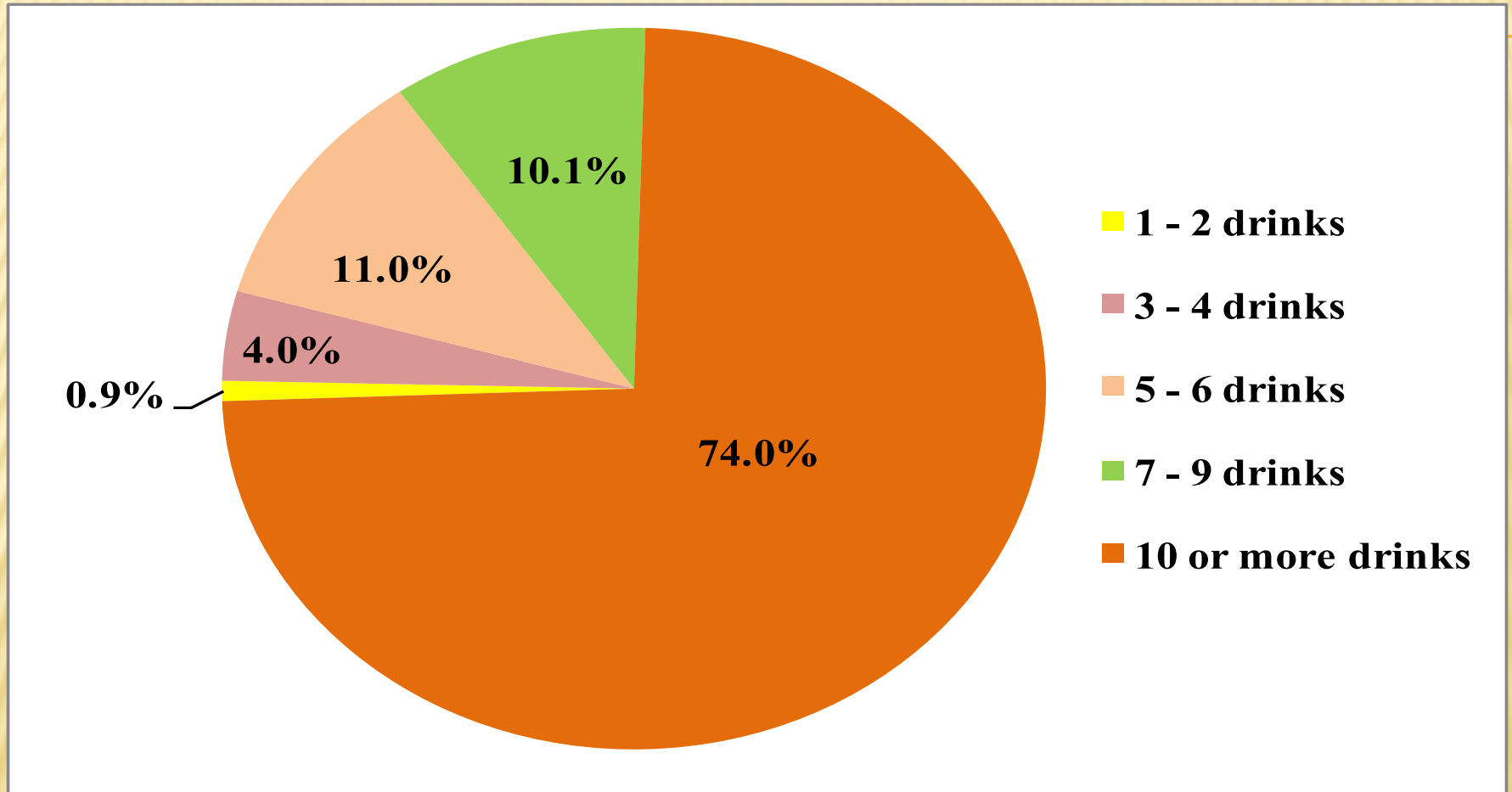
FREQUENCY OF DRINKING ALCOHOL

Frequency of alcohol consumption	2010	
	n	% who drink
Once/twice a week	85	36.8%
Three or more times a week	70	30.3%
Every day	17	7.4%
Once/twice a fortnight	14	6.1%
Once/twice a month	14	6.1%
Depends on client	7	3.0%
2-3 days	5	2.2%
Drink when there's an opportunity to drink	4	1.7%
Once in a while	3	1.3%
4-5 days	2	0.9%
When I feel like drinking	2	0.9%
2-3 days or when there's an opportunity	1	0.4%
3 days only	1	0.4%
4 or 5 times	1	0.4%
4 or something like that	1	0.4%
Drink a lot of times	1	0.4%
I don't drink anymore after got my status HIV positive	1	0.4%
One time only	1	0.4%
When I meet my boyfriends	1	0.4%
Total	231	100.0%

Of those who drink alcohol more (36.8%; 85) drank once or twice a week. Thirty percent drank 3 or more times a week. Seven percent (7.4%; 17) took alcohol every day. Twelve percent (12.2%; 28) drank alcohol once or twice a fortnight (14) and once or twice a month (14) respectively.

Other frequencies are listed on the table shown.

NUMBER OF DRINKS ON A TYPICAL DAY

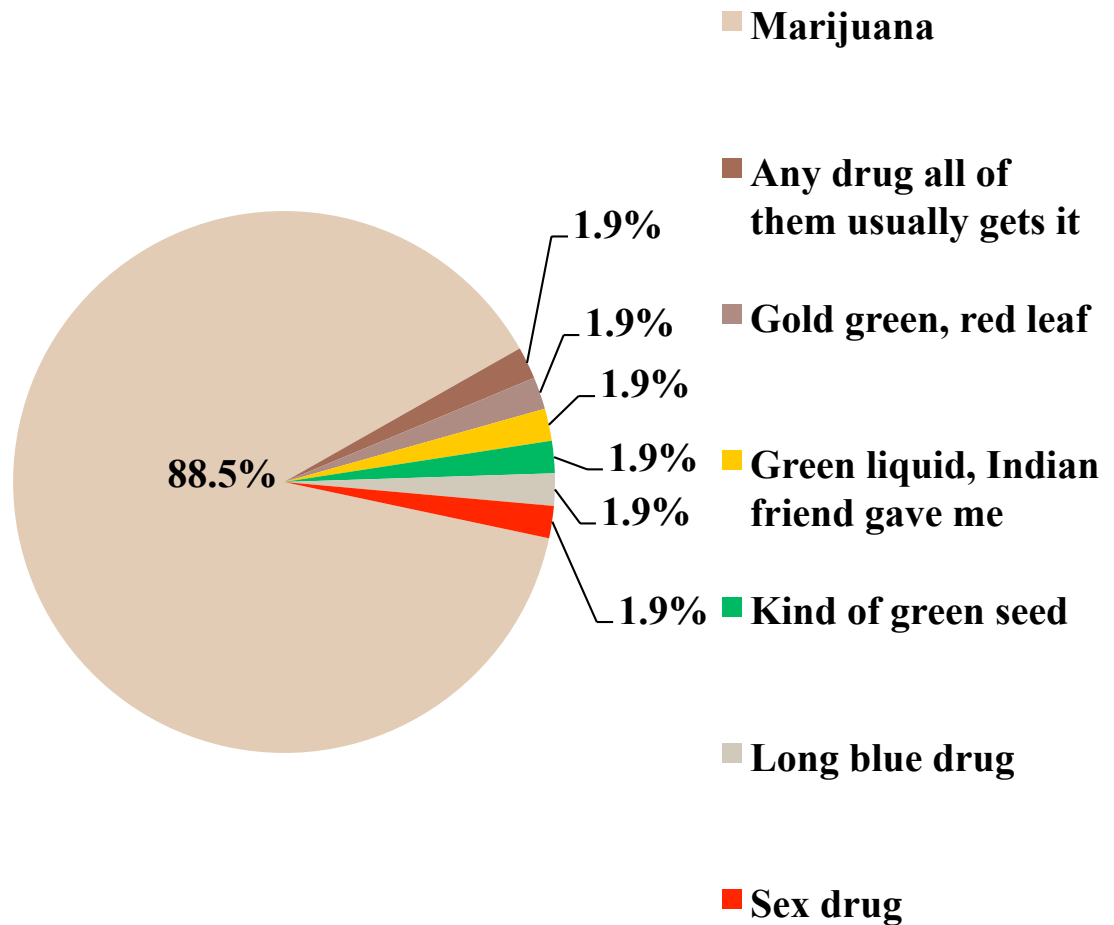


Close to three quarters of women exchanging sex who drank, had 10 or more drinks of alcohol on a typical day when drinking. Just over a quarter (26%) of women drank less than 10 alcoholic drinks on a typical day when drinking, with 4.9% having 1 to 4 drinks and 21.1% having 5 to 9 drinks.

DRUG USE

Ever taken drugs	2010	
	n	% Total
Yes	51	21.1%
No	191	78.9%
Total	242	100.0%

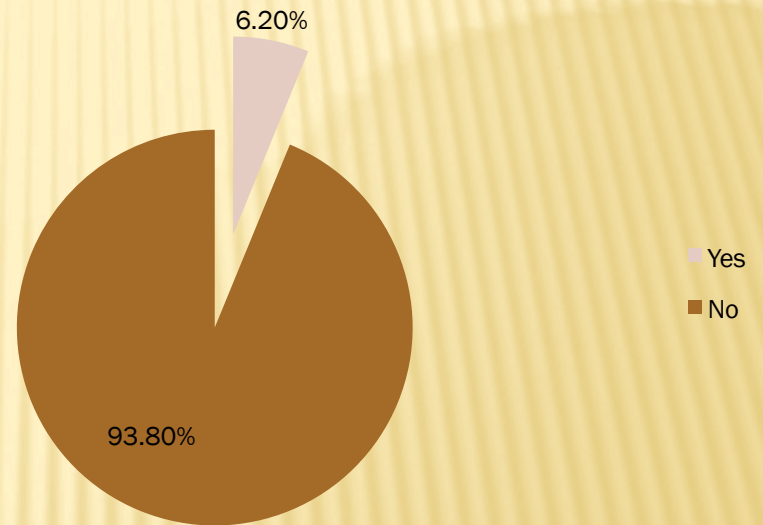
Out of those who have ever taken drugs, 50 had taken drugs in the past year. The pie chart shows the break down of the types of drugs taken in the last 12 months



INJECTING DRUG USE

✘ Ever injected

Inject drugs not prescribed by a doctor	2010	
	n	% Total
Yes	15	6.2%
No	227	93.8%
Total	242	100.0%



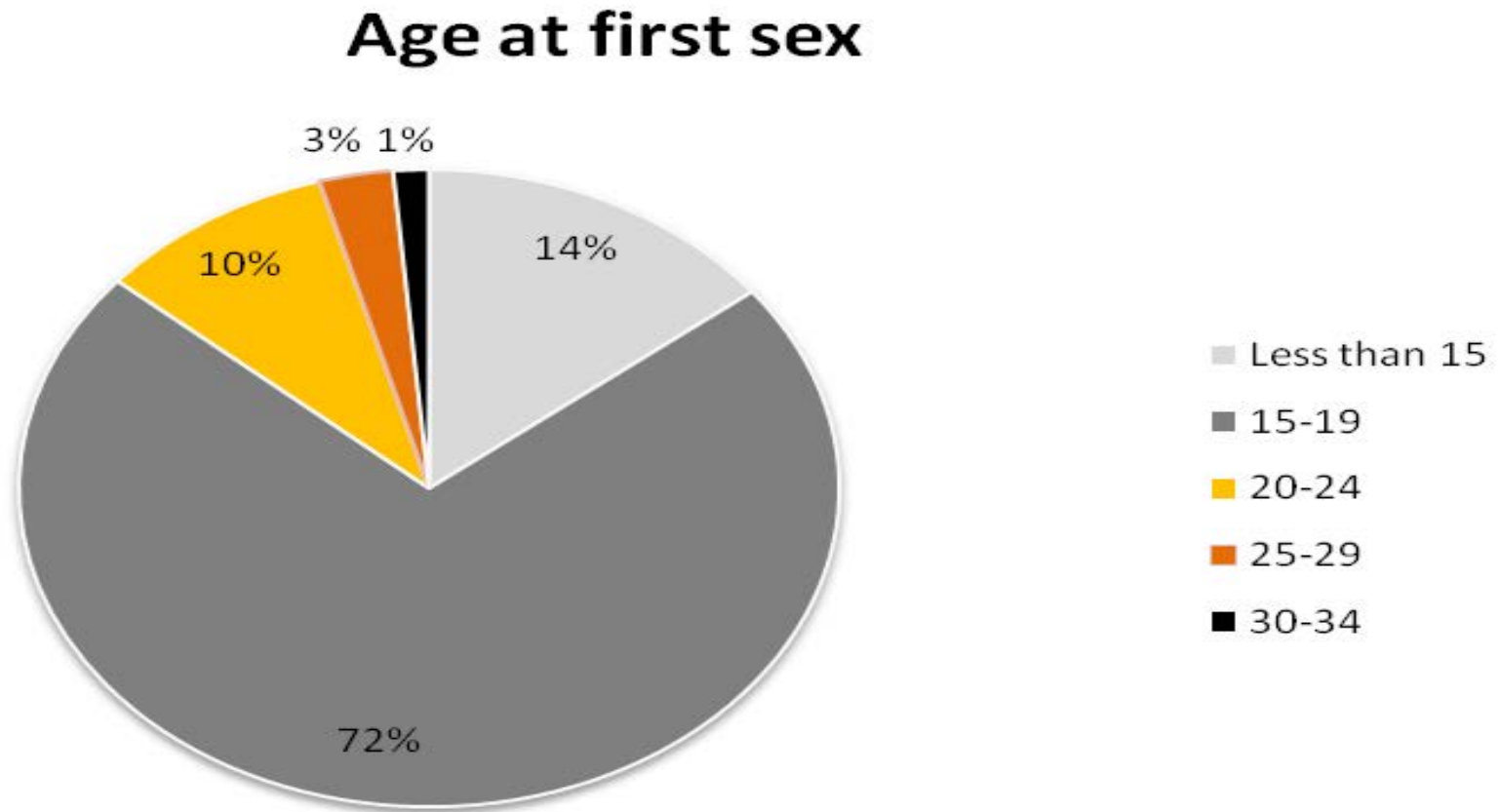
USED A NEEDLE AND SYRINGE USED BY SOMEONE ELSE AND NOT CLEANED LAST TIME INJECTED DRUGS

Used an unclean needle and syringe last time injected	2010		
	n	% Total	% ever injected
Yes	7	2.9%	50.0%
No	7	2.9%	50.0%
Subtotal	14	5.8%	100.0%
Does not inject drugs	227	94.2%	
Total	241	100.0%	

GIVEN NEEDLES OR SYRINGES PAST YEAR

Given syringes and needles past year	2010		
	n	% Total	% of those who injected in the past year
Yes	7	2.9%	50.0%
No	7	2.9%	50.0%
Subtotal	14	5.8%	100.0%
Does not inject drugs	227	94.2%	
Total	241	100.0%	

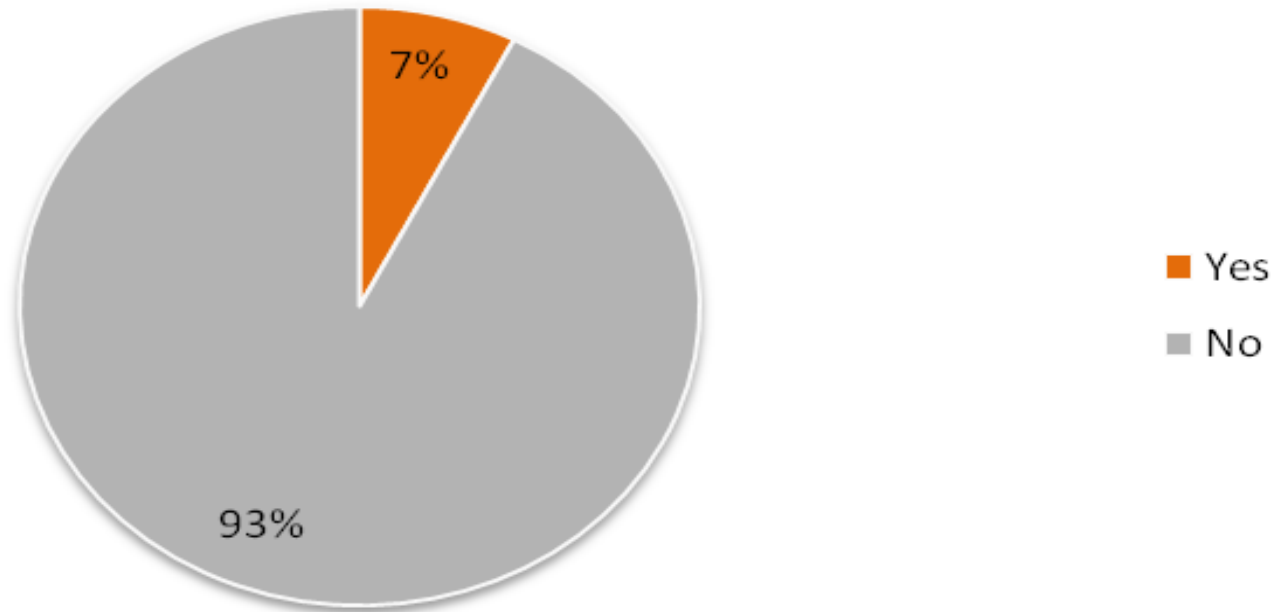
SEXUAL HISTORY: SEXUAL DEBUT



Nearly two fifths (41.8%) of women did not know their age at first sex. Among the women who knew their age, most (72%) had their first sex between 15-19 years,; however 14% had their first sex when they were less than 15 years of age. Some 14% of women had their sexual debut when they were 20 years old and over.

CONDOM USE WITH REGULAR PARTNERS: HUSBAND

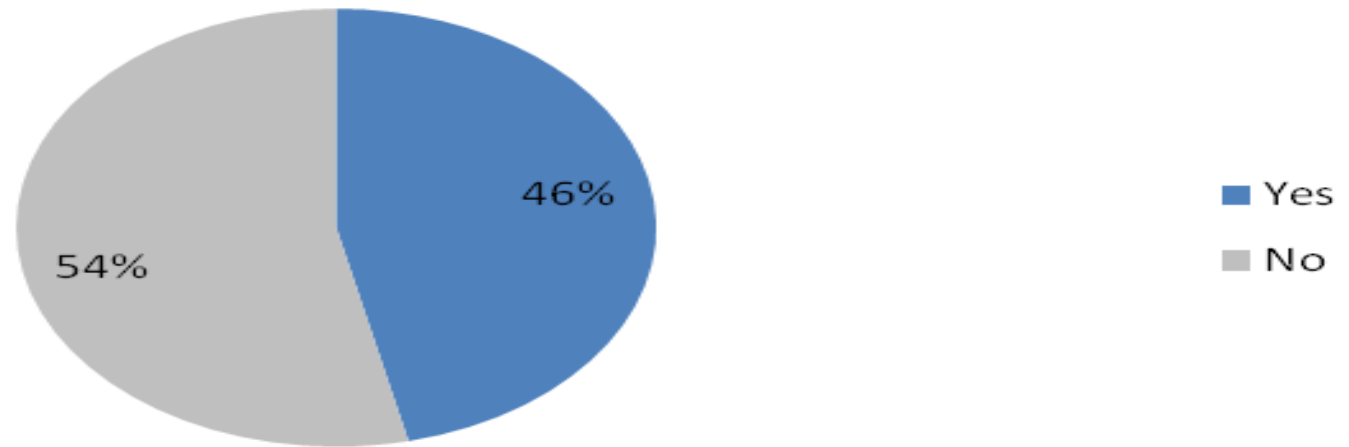
Condom use at last sex with husband



Most (92.5%; 106) of the women exchanging sex who were ever married did not use a condom with their husband at last sex. Only (7.0%) of women used a condom with their husband at last sex and six of these women reported that they initiated condom use with their husband.

CONDOM USE WITH REGULAR PARTNERS: STEADY PARTNERS

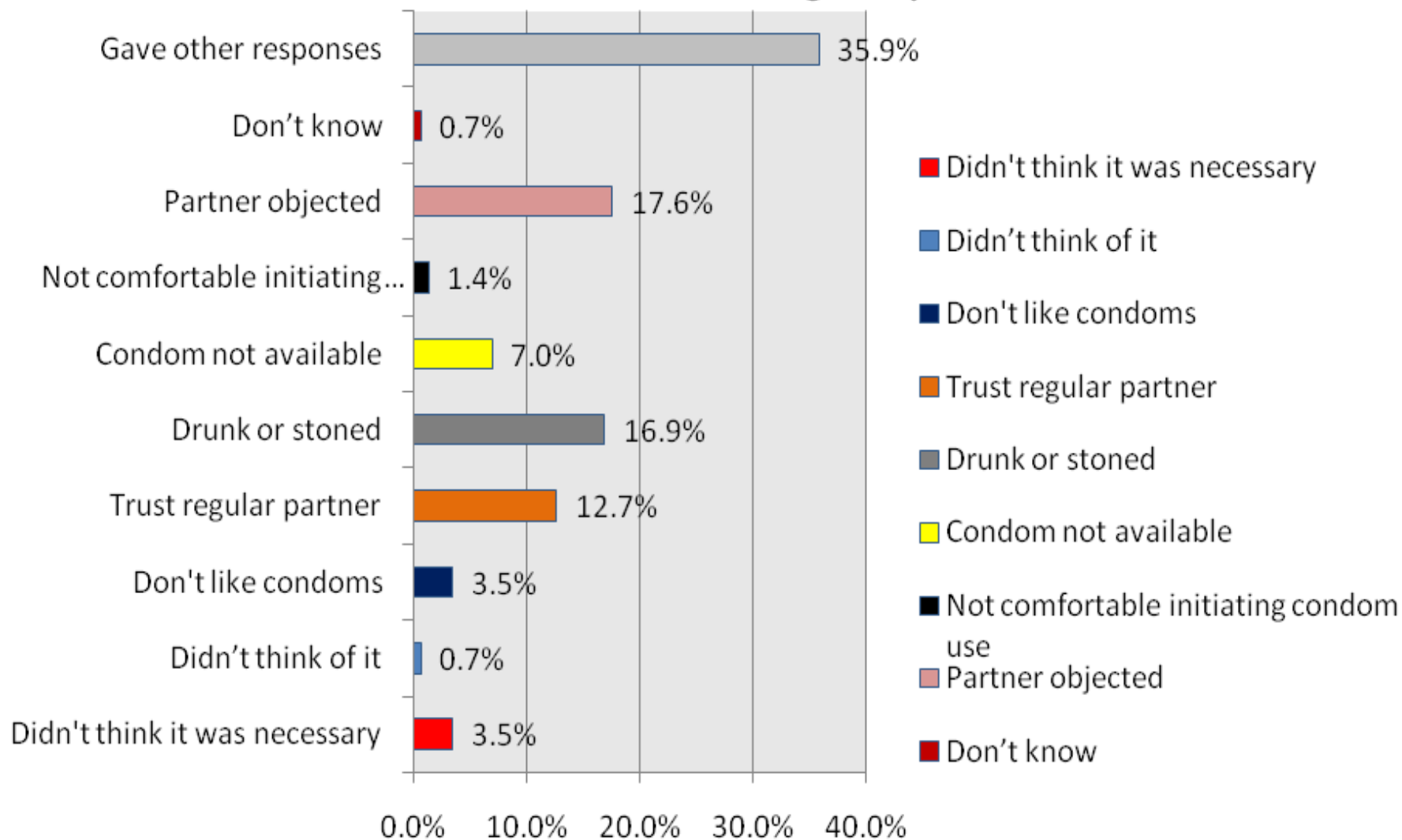
Condom use at last sex with steady partner



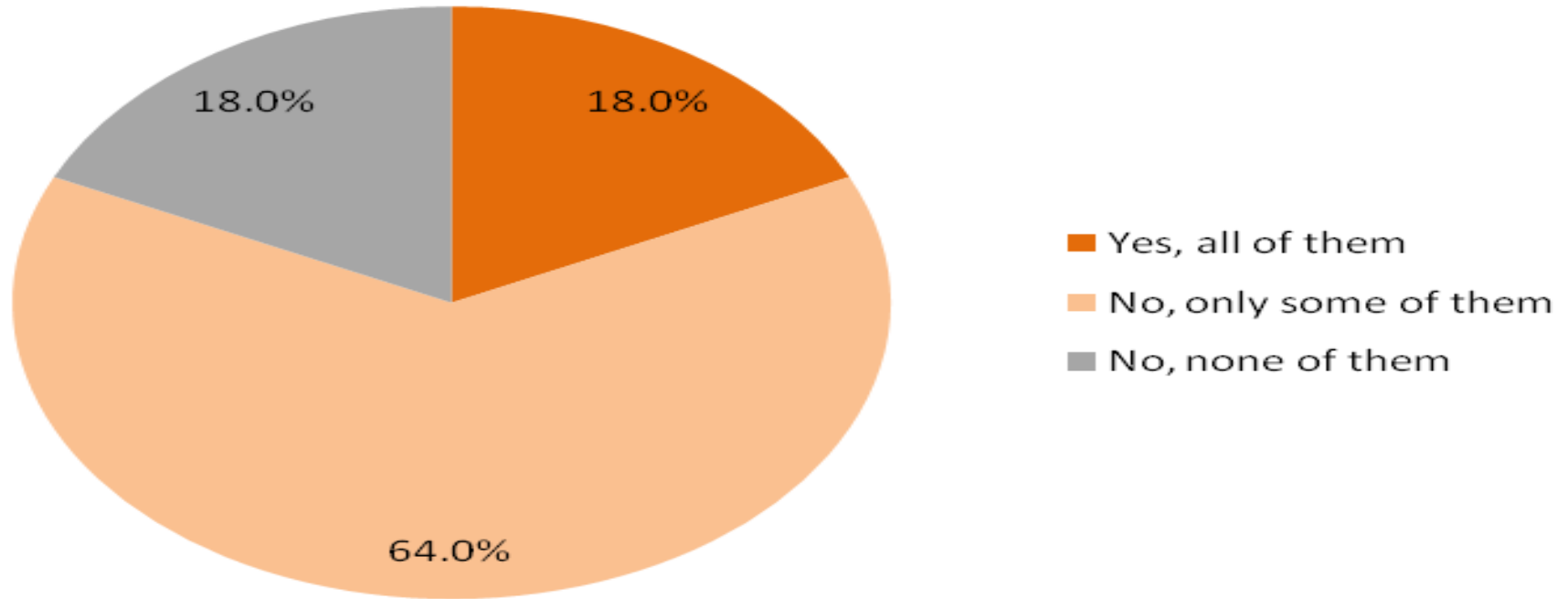
Just over half (53.6%; 91) of the women exchanging sex did not use a condom at last sex with their steady regular partners; while just under half (46.6%) did. Among those who responded (85) and who used a condom: most (58.8%; 50) reported that they initiated condom use; over a fifth (22.4%; 19) reported that it was their steady partner who initiated condom use; and close to a fifth (18.8%; 16) reported that both they and their partner initiated condom use.

REASON FOR NOT USING CONDOM WITH THEIR REGULAR PARTNER (HUSBAND AND OR STEADY BOYFRIEND) AT LAST SEX

Reason condom was not used with regular partner at last sex

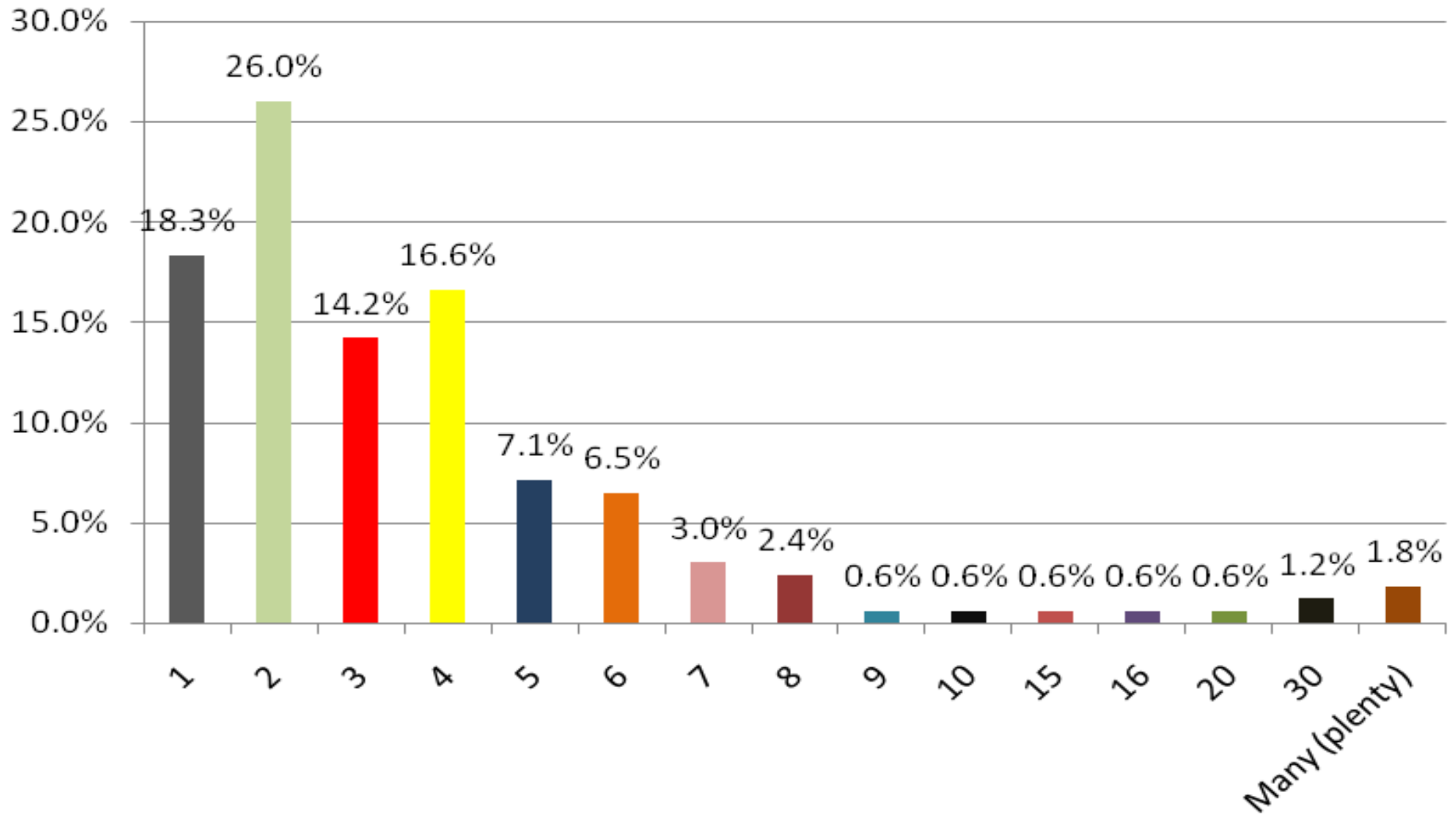


CONSISTENT CONDOM USE WITH REGULAR PARTNER

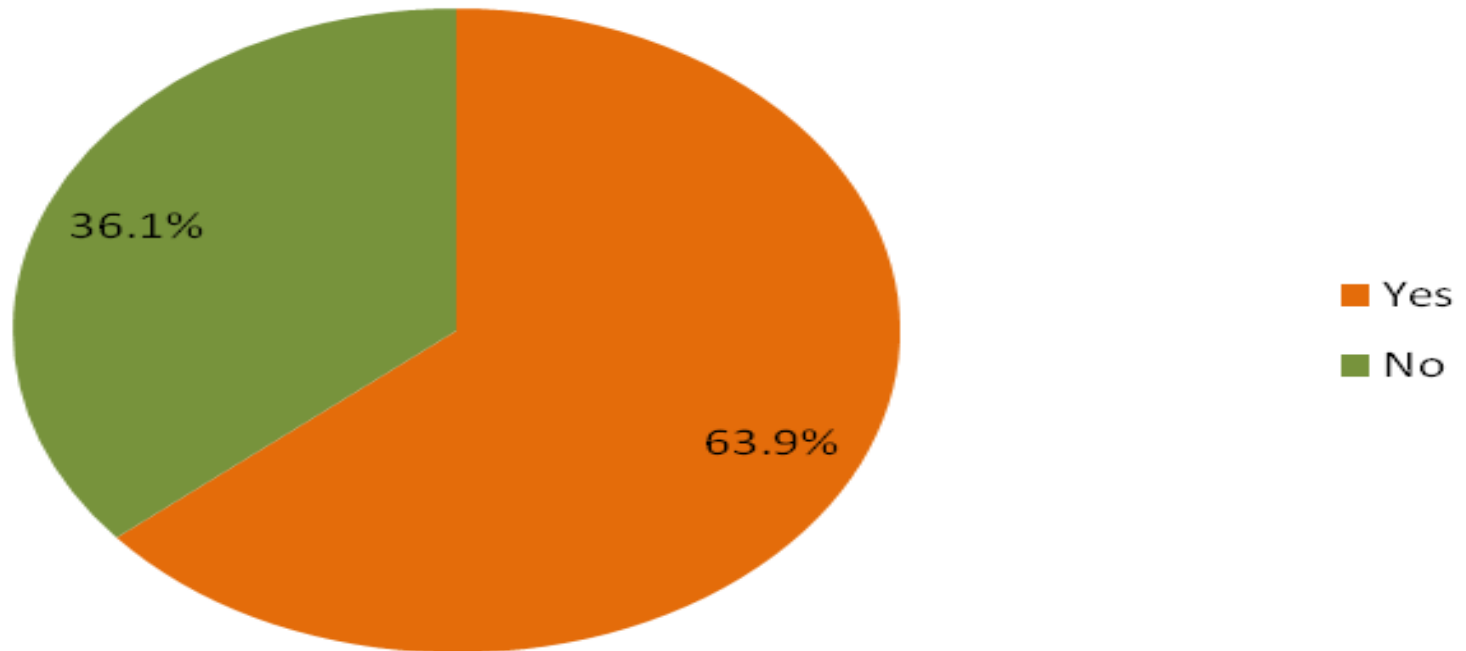


Only 18.0% consistently used condoms with their regular partner in the past 3 months while majority (82.0%) did not use condom consistently.

NUMBER OF NON REGULAR PARTNER IN THE PAST MONTH

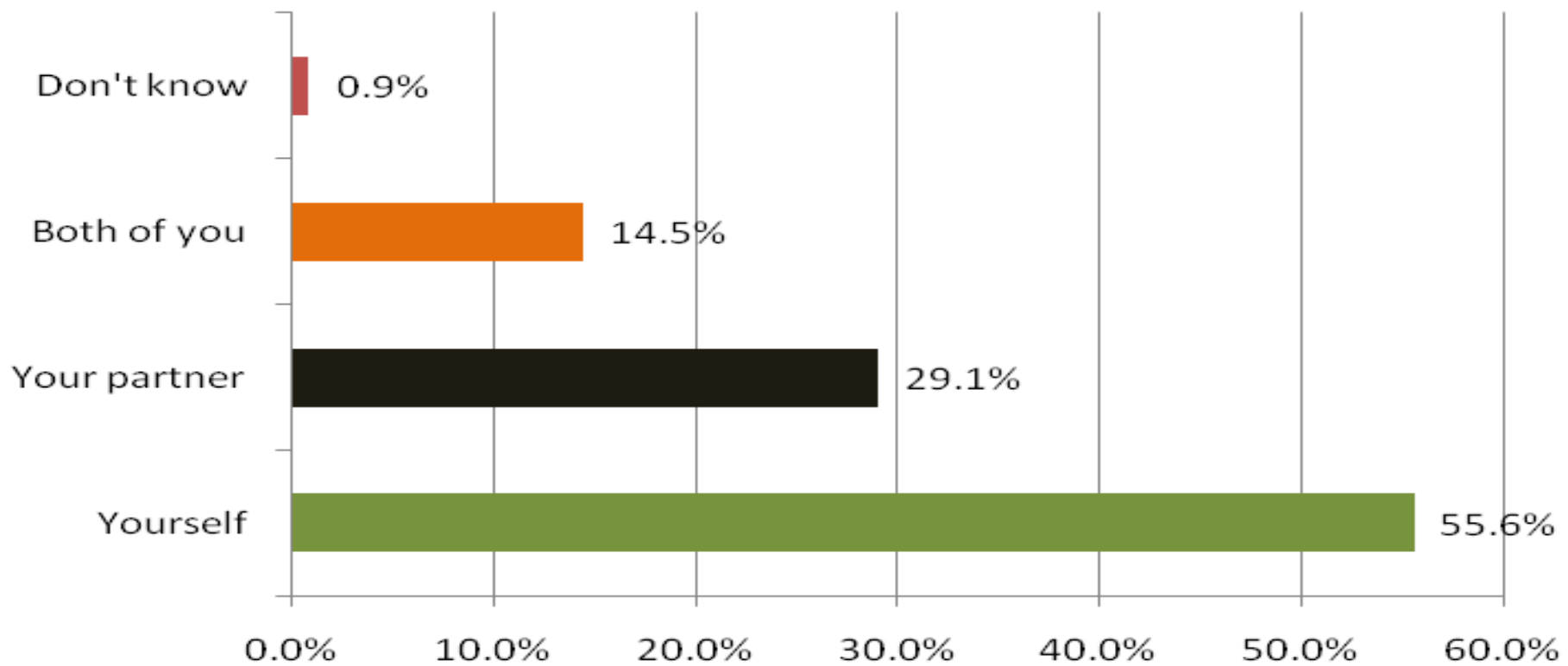


CONDOM USE AT LAST SEX WITH NON REGULAR PARTNER



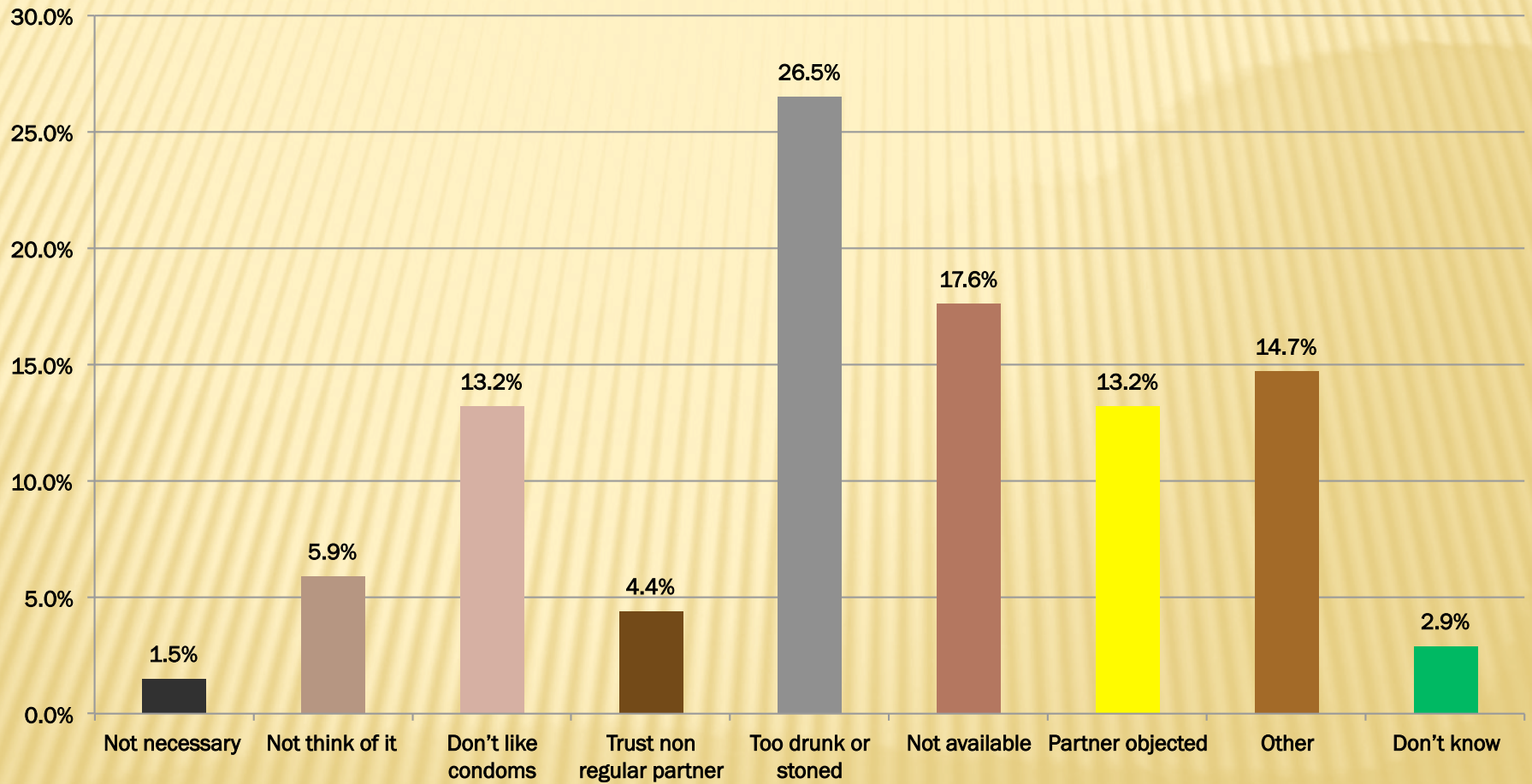
Most (63.9%; 117) women exchanging sex used a condom at last sex with their non-regular partners.

CONDOM INITIATION WITH NON REGULAR PARTNER

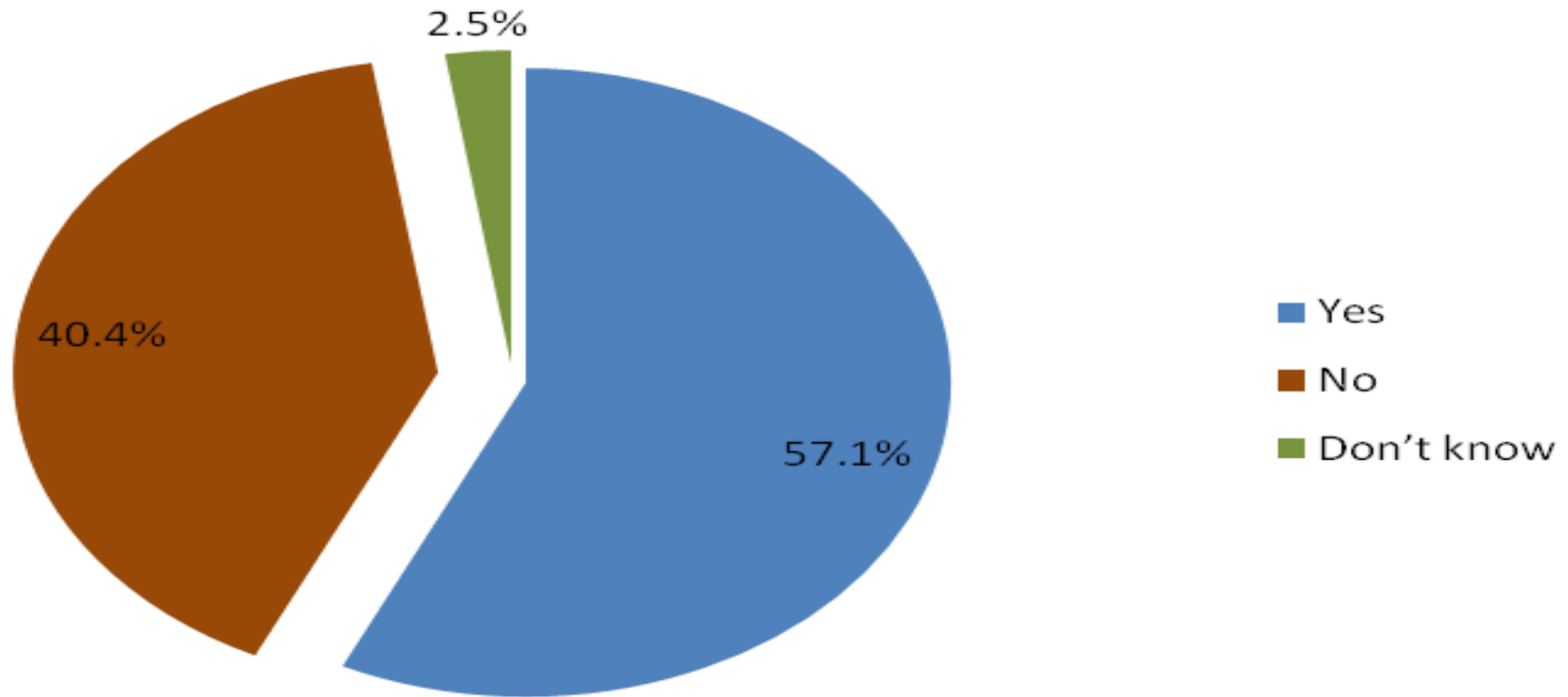


Among the women exchanging sex who used a condom with their non regular partner(s) (117), over half (55.6%; 65) of the women had suggested condom use to their non regular partner, 29.1% said it was their partner who initiated condom use and 14.5% said that it was a mutual consent between the partners to use a condom while 0.9% didn't know who suggested condom use.

REASONS DID NOT USE CONDOM WITH NON REGULAR PARTNER

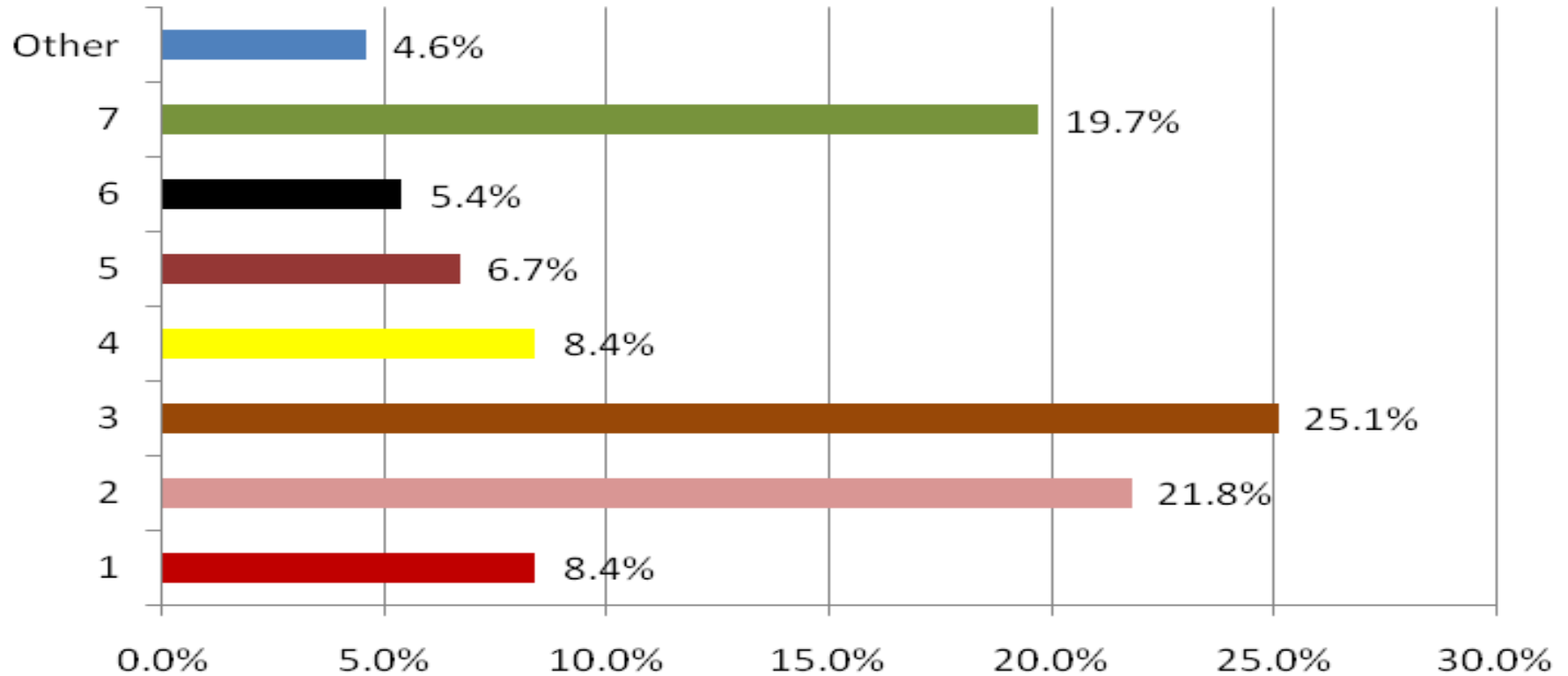


EVER USED WATER BASED LUBRICANT WHEN HAVING SEX WITH A REGULAR OR NON REGULAR PARTNER



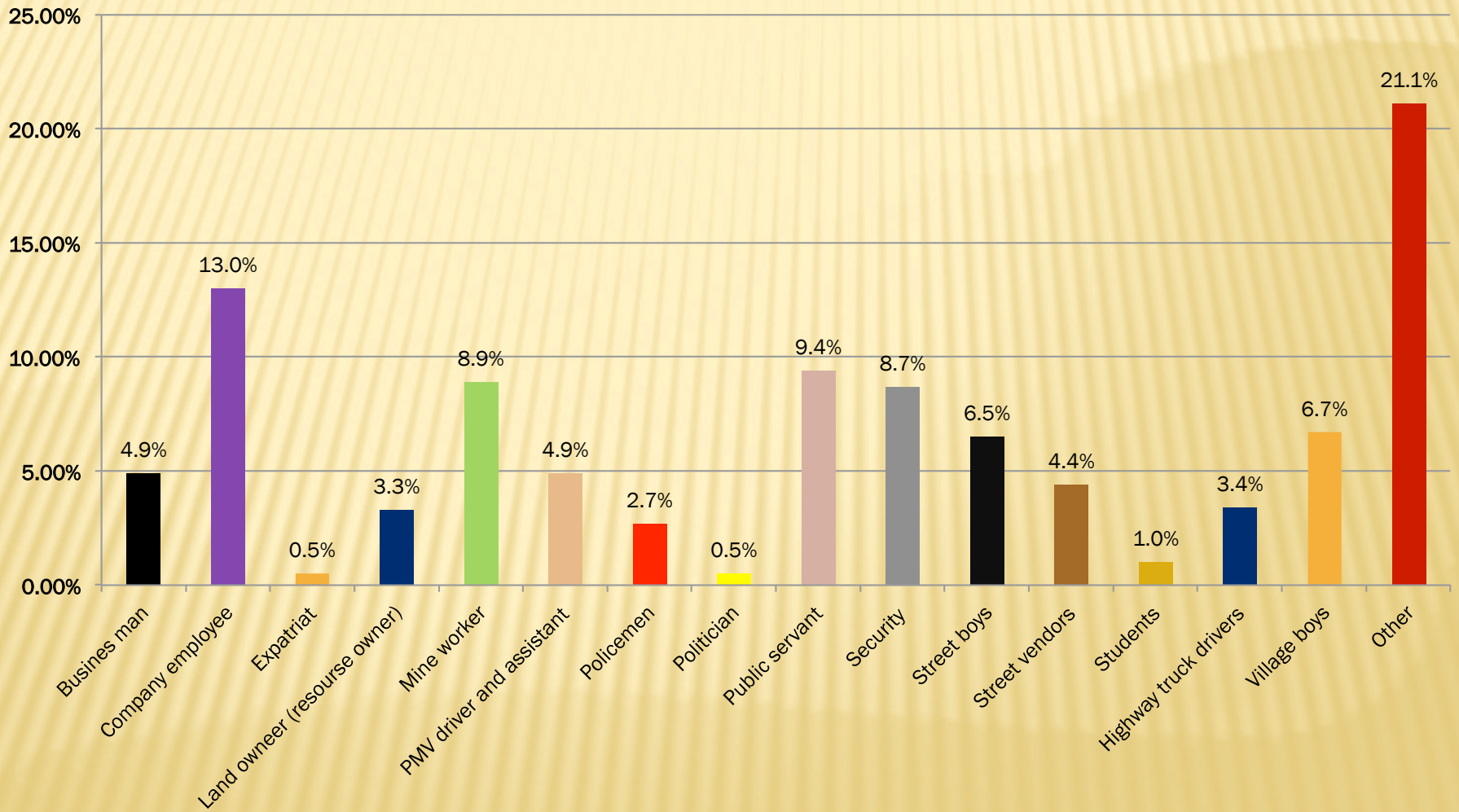
Over half (57.1%; 113) of women said at one point in their life they had used a water based lubricant when they had anal sex with their regular and or non regular partner while two fifth (40.4%; 80) they had not used a water based lubricant and 2.5% said they don't know. Among those women (113) who had used a water based lubricant, majority (84.4%; 92) had used a lubricant during their last anal sex with their regular and or non regular partner.

NUMBER OF DAYS IN A WEEK EXCHANGE SEX

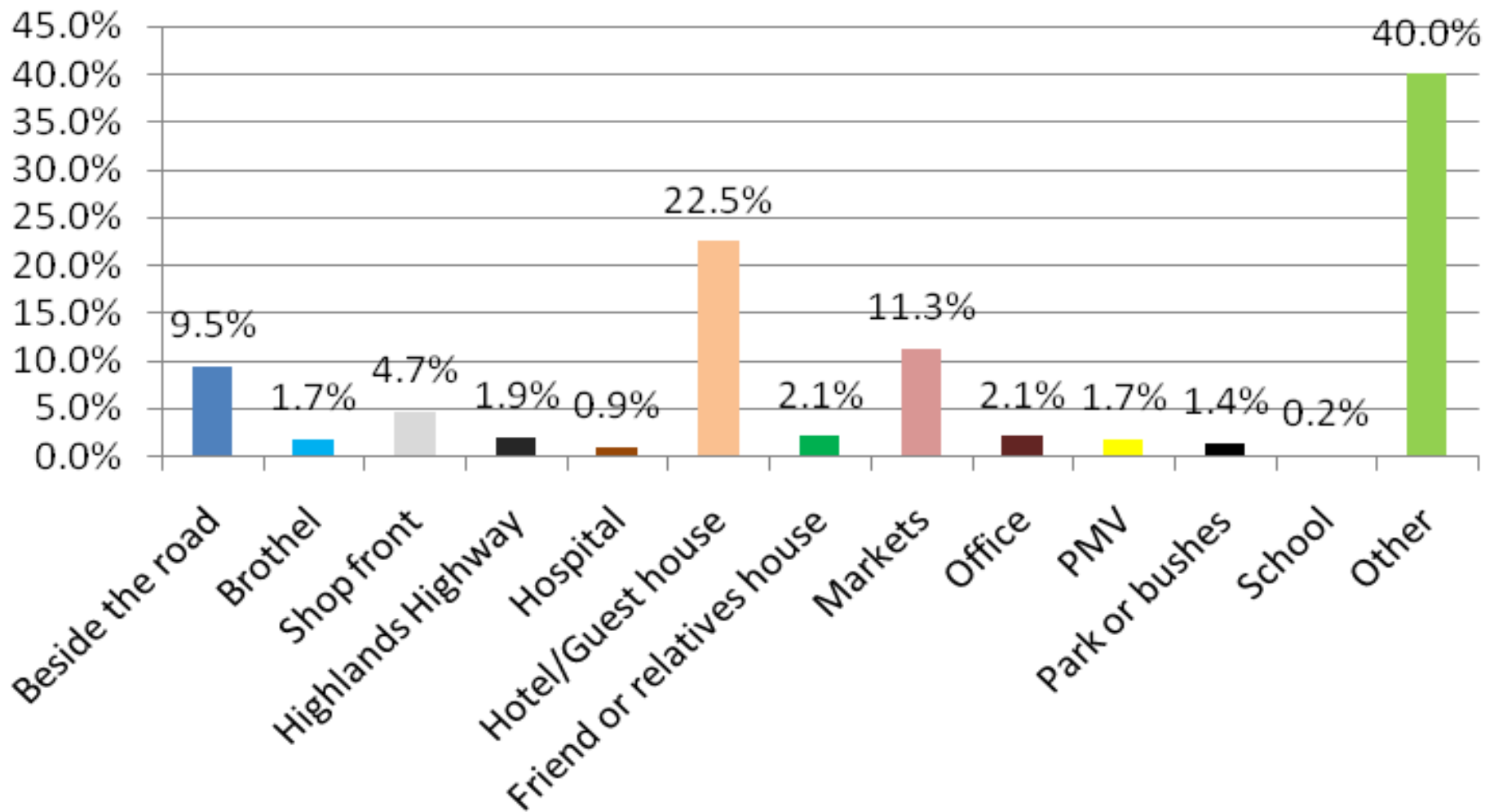


Close to a third (31.8%) exchange sex more regularly with a fifth (19.7%) who reported to exchange sex everyday, 5.4% exchange sex six of the seven days and 6.7% exchange sex five of the seven days. Close to two thirds (63.3%) exchanged less frequently.

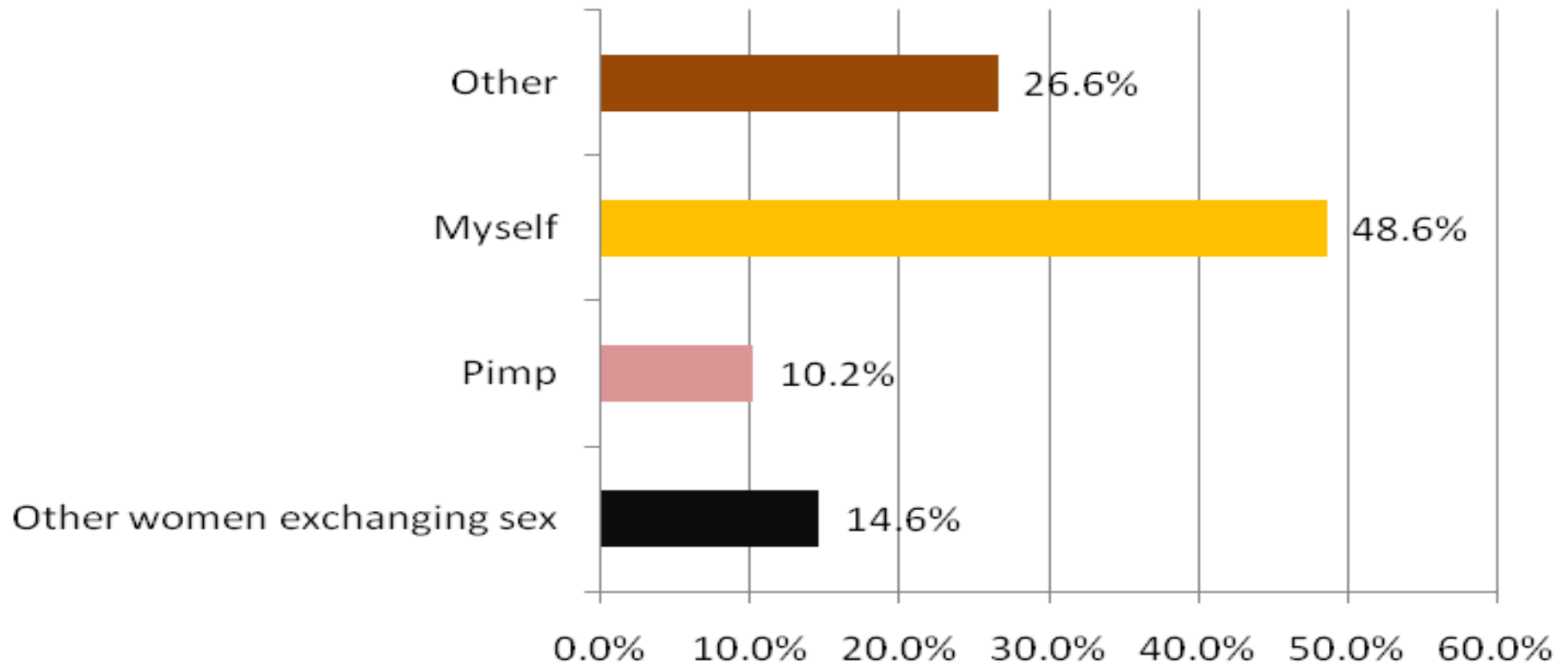
FIVE FREQUENT CLIENTS



PLACES WHERE CLIENTS ARE MET

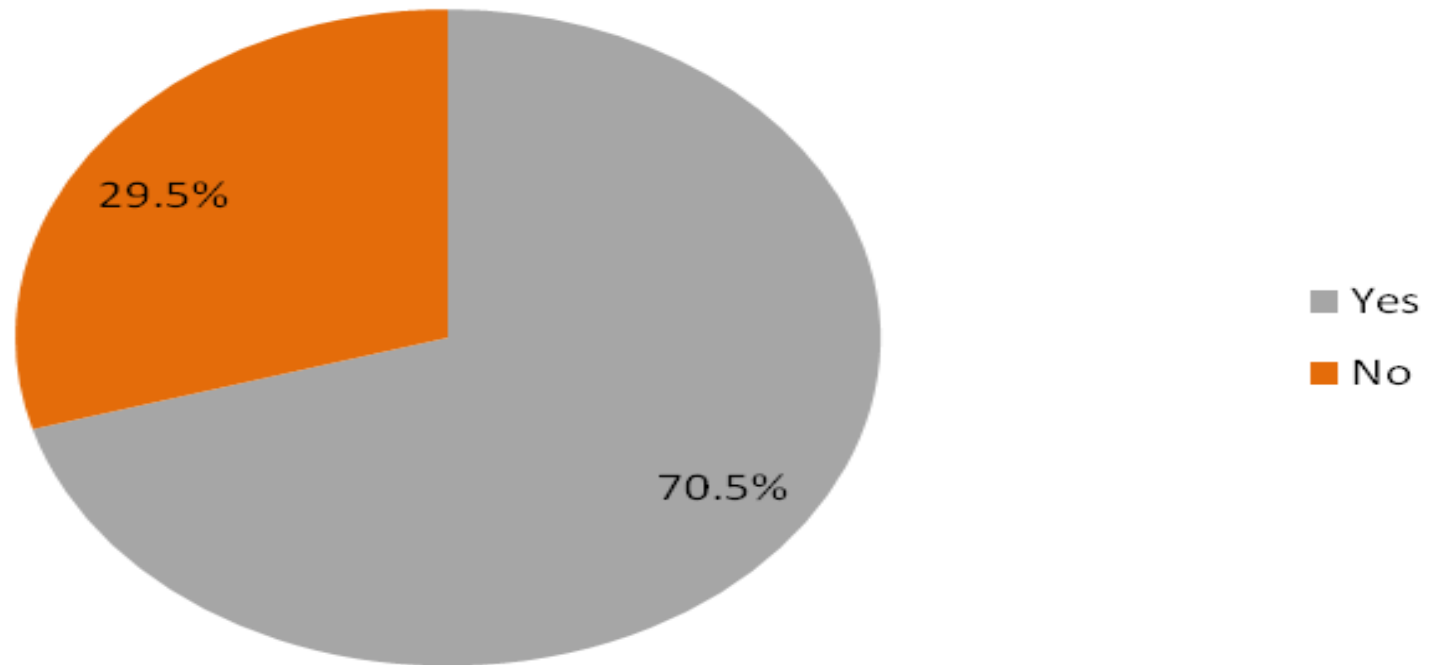


PERSON THAT ARRANGES CLIENTS



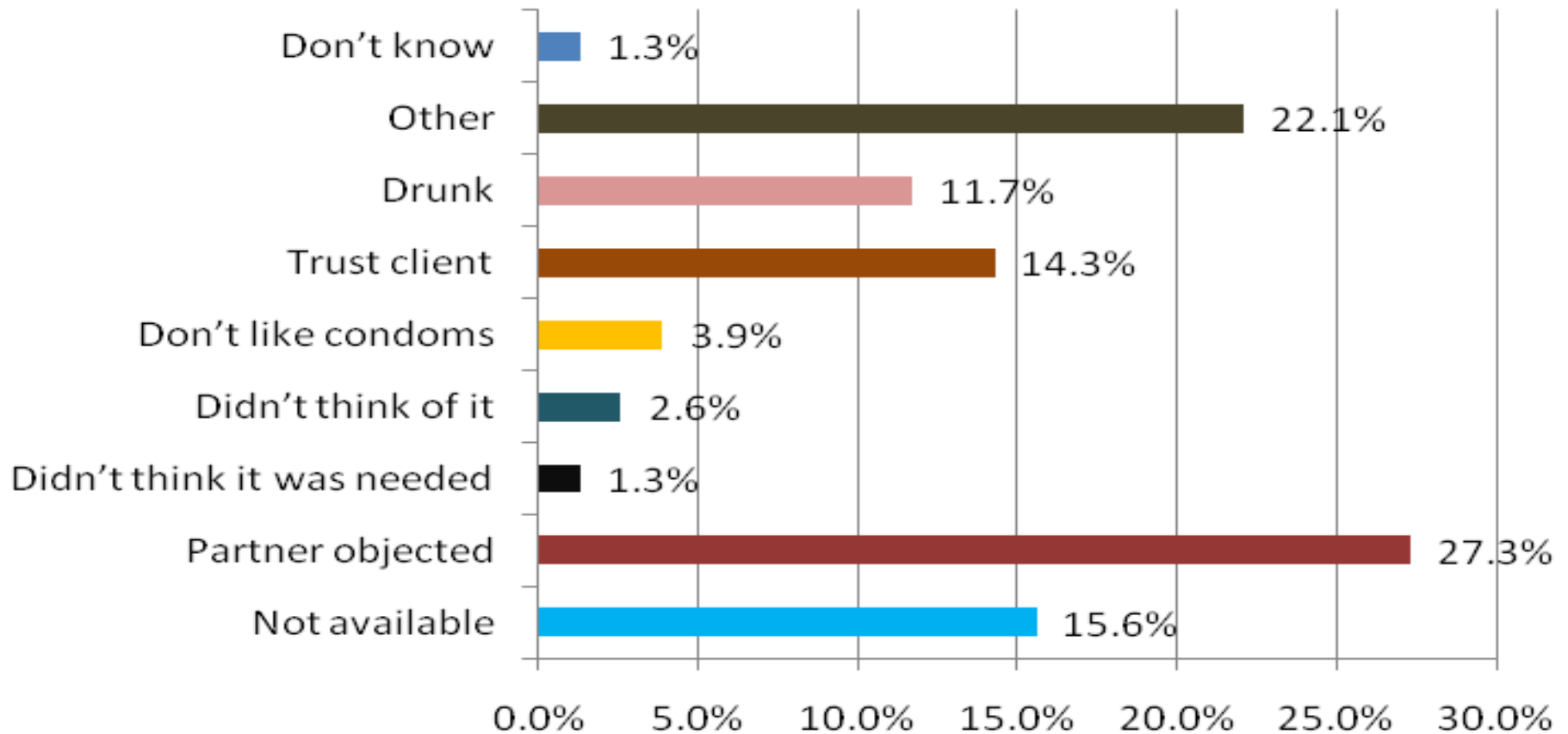
Close to half (48.6%) said they arrange their own clients, around 10.0% said it was their pimp and 14.6% said their clients were arranged by other women exchanging sex while over a quarter (26.6%) mentioned other.

CONDOM USE AT LAST SEX WITH CLIENT

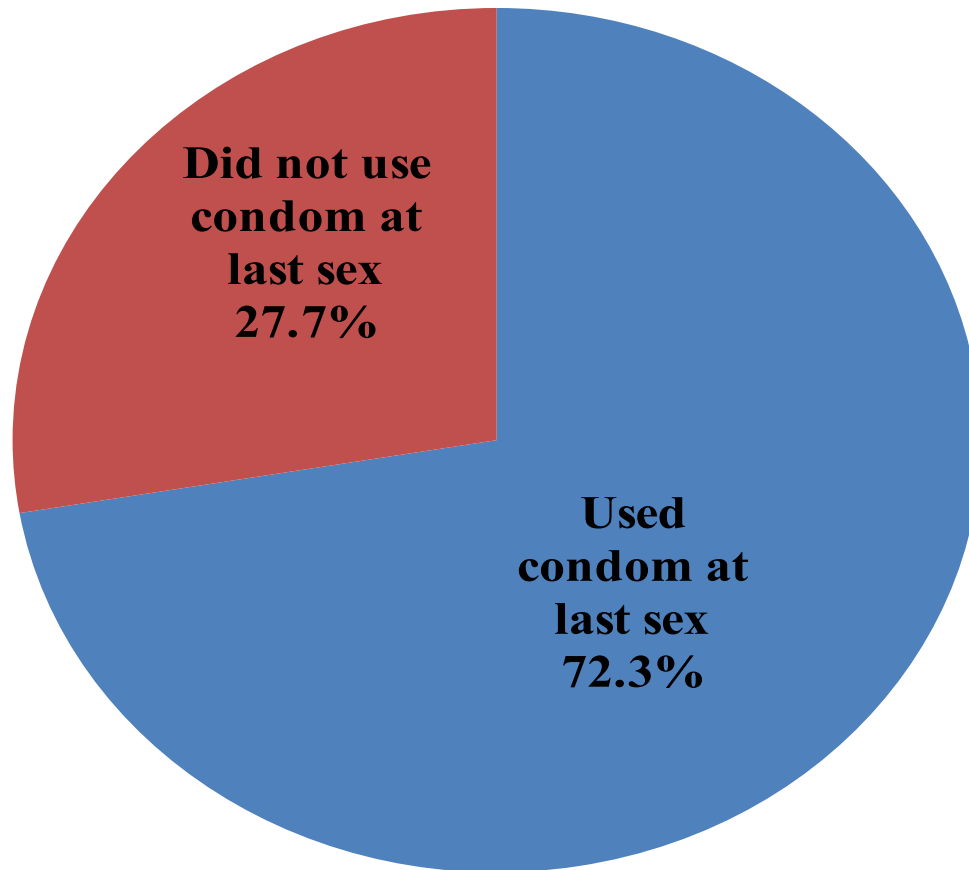


Majority (70.5%; 170) of the women exchanging sex used a condom at last sex with their client while 29.5% (71) did not.

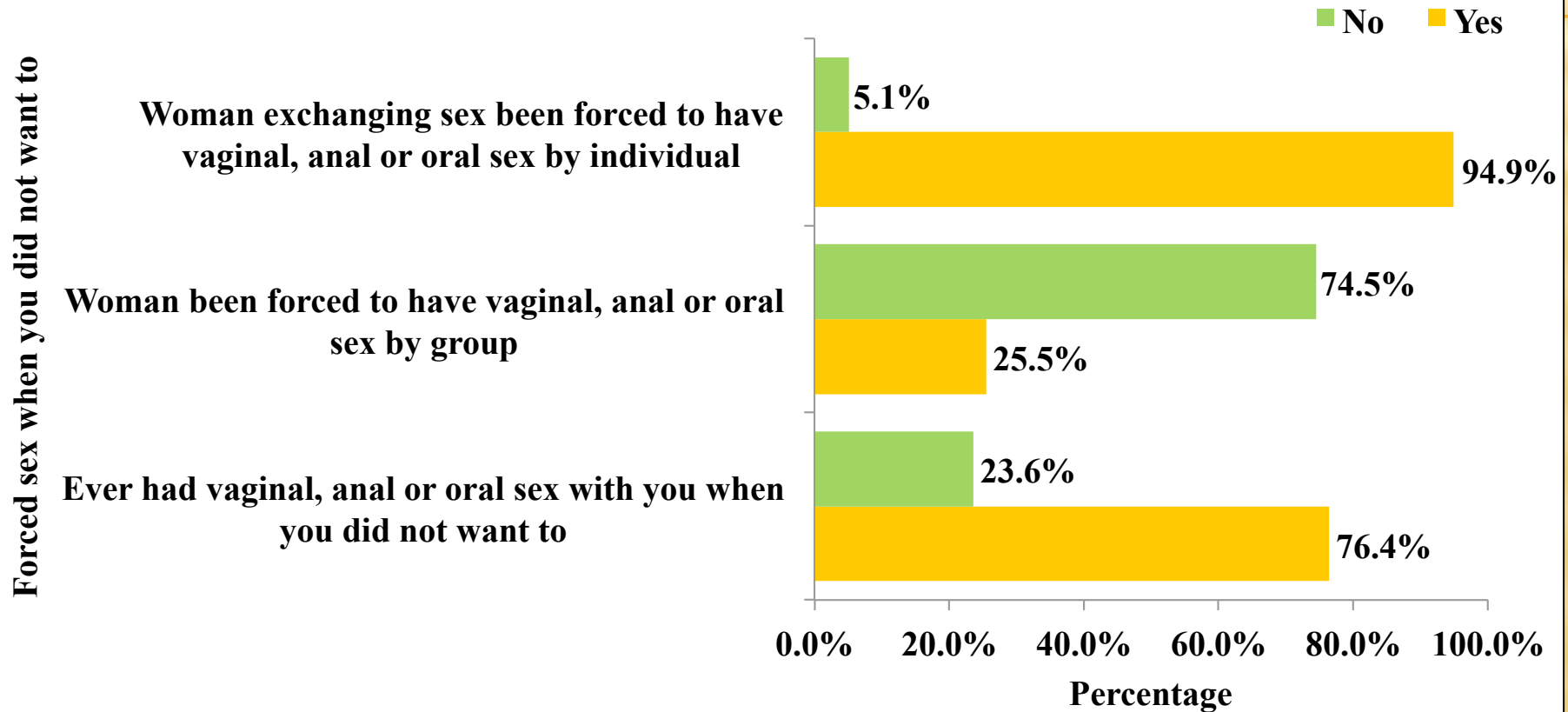
REASON DID NOT USE CONDOM AT LAST SEX WITH CLIENT



CONDOM USE AT LAST SEX DESPITE OF PARTNER TYPE

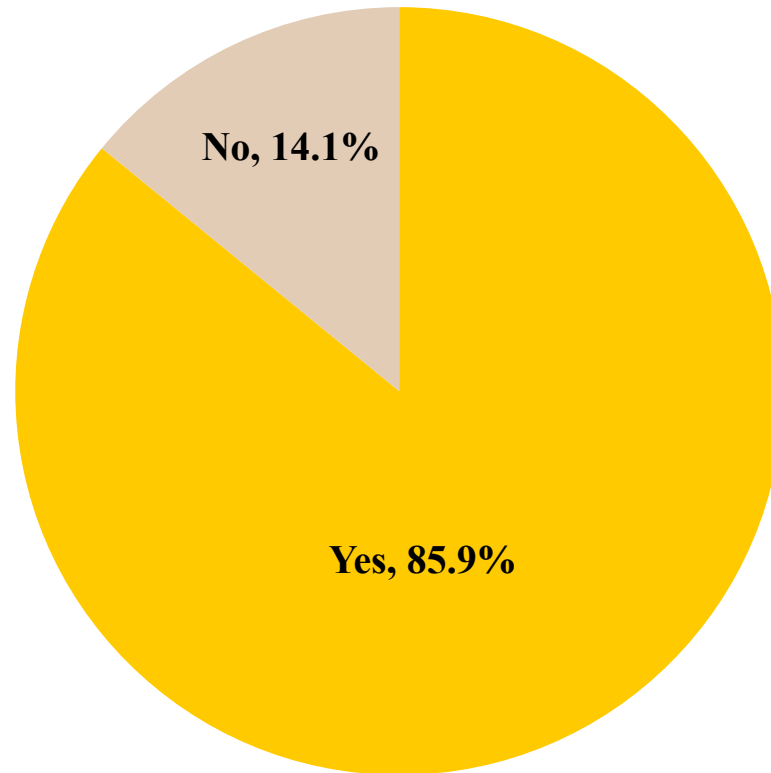


FORCED SEX



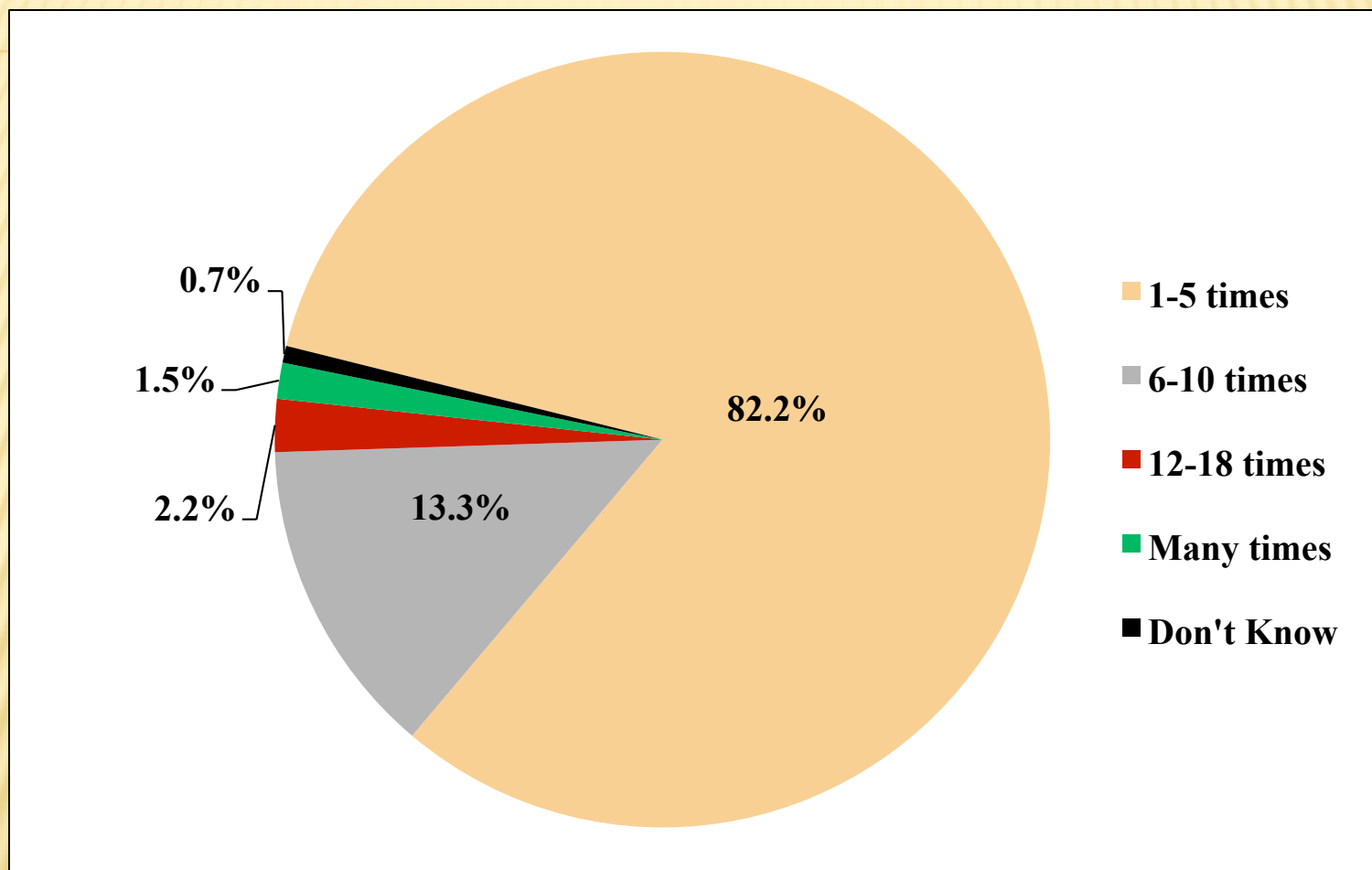
Women exchanging sex were asked if they had been forced to have sex (vaginal, anal or oral) with a man when they did not want to. Most (76.4%; 185) women had been forced to have sex, with more (94.9%; 168) reported been forced by an individual and over a quarter (25.5%; 41) said they have been forced by a group of men to have sex.

FORCED SEX IN THE LAST 12 MONTHS



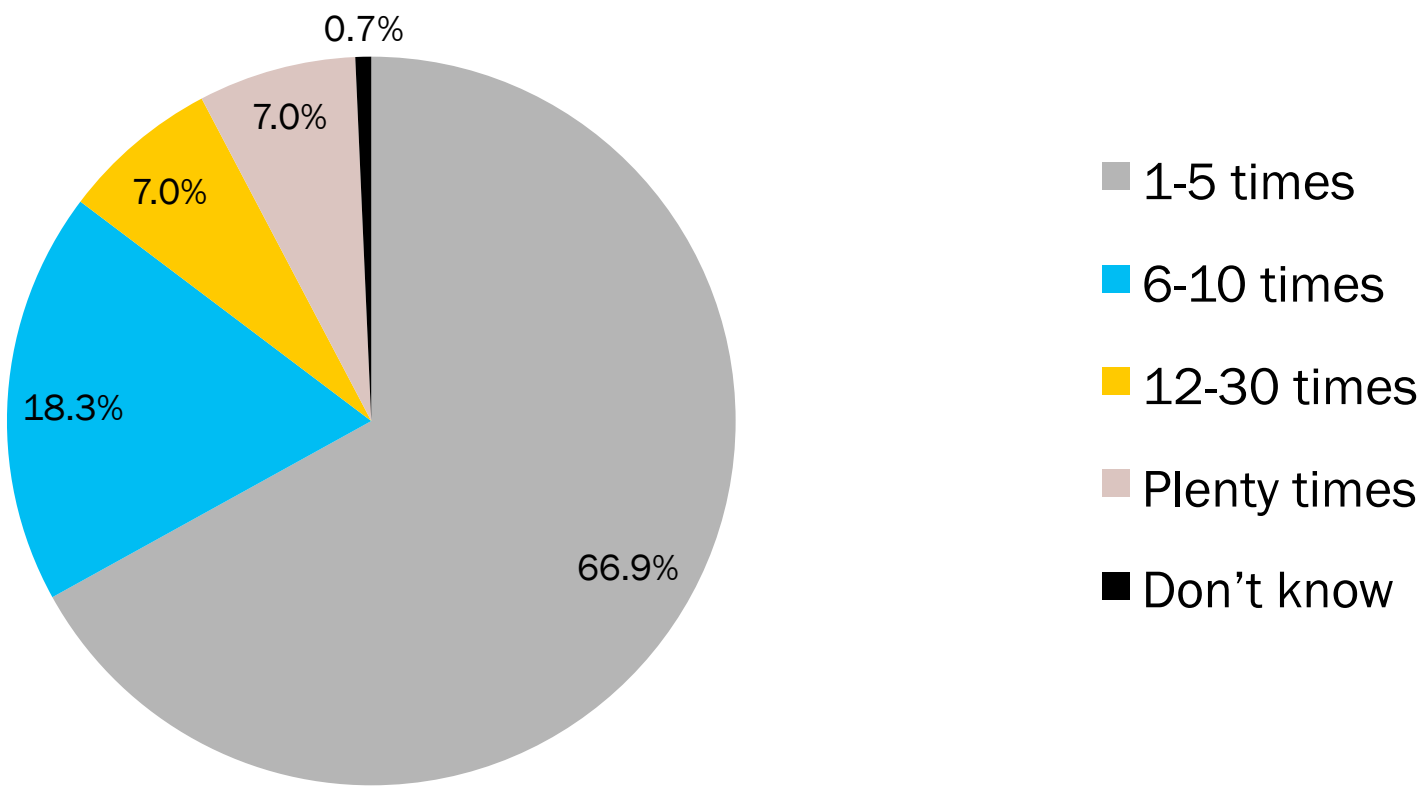
Of those women (76.4%; 185) who had ever been forced to have sex. Eighty-six percent (85.9%; 159) reported been forced and 14.1% (26) said they have not been forced to have sex in the last 12 months.

NUMBER OF TIMES FORCED IN THE LAST MONTH



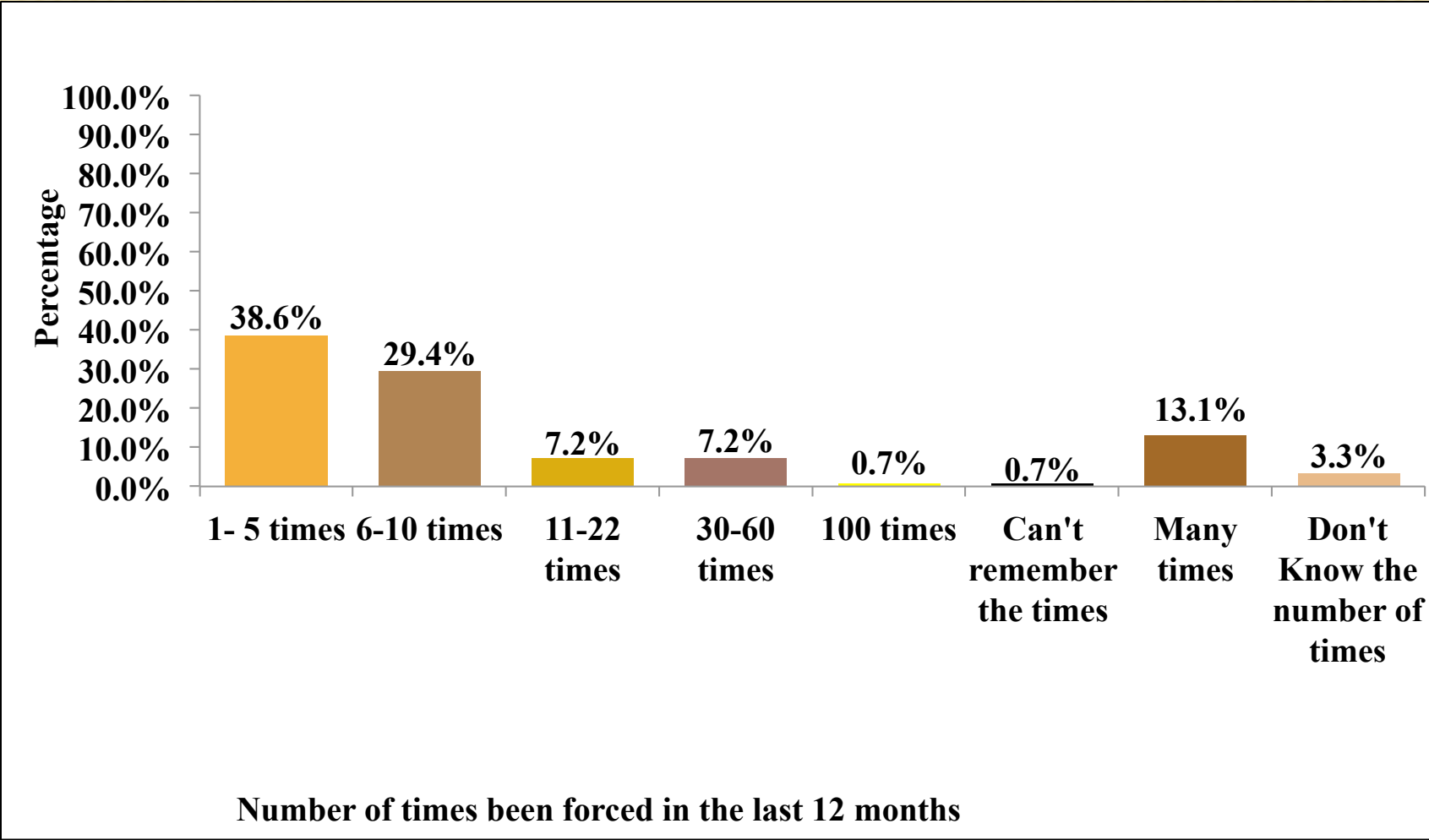
While numbers of times varied, of those 185 women who had had forced sex in the last 12 months; more (82.2%; 111) had been forced to have sex 1- 5 times and 13.3% (18) reported been forced 6 – 10 times in the last month. The rest either have been forced 12 – 18 times, many times or did not know the number of times have been forced in the last month.

NUMBER OF TIMES FORCED IN THE LAST 3 MONTHS



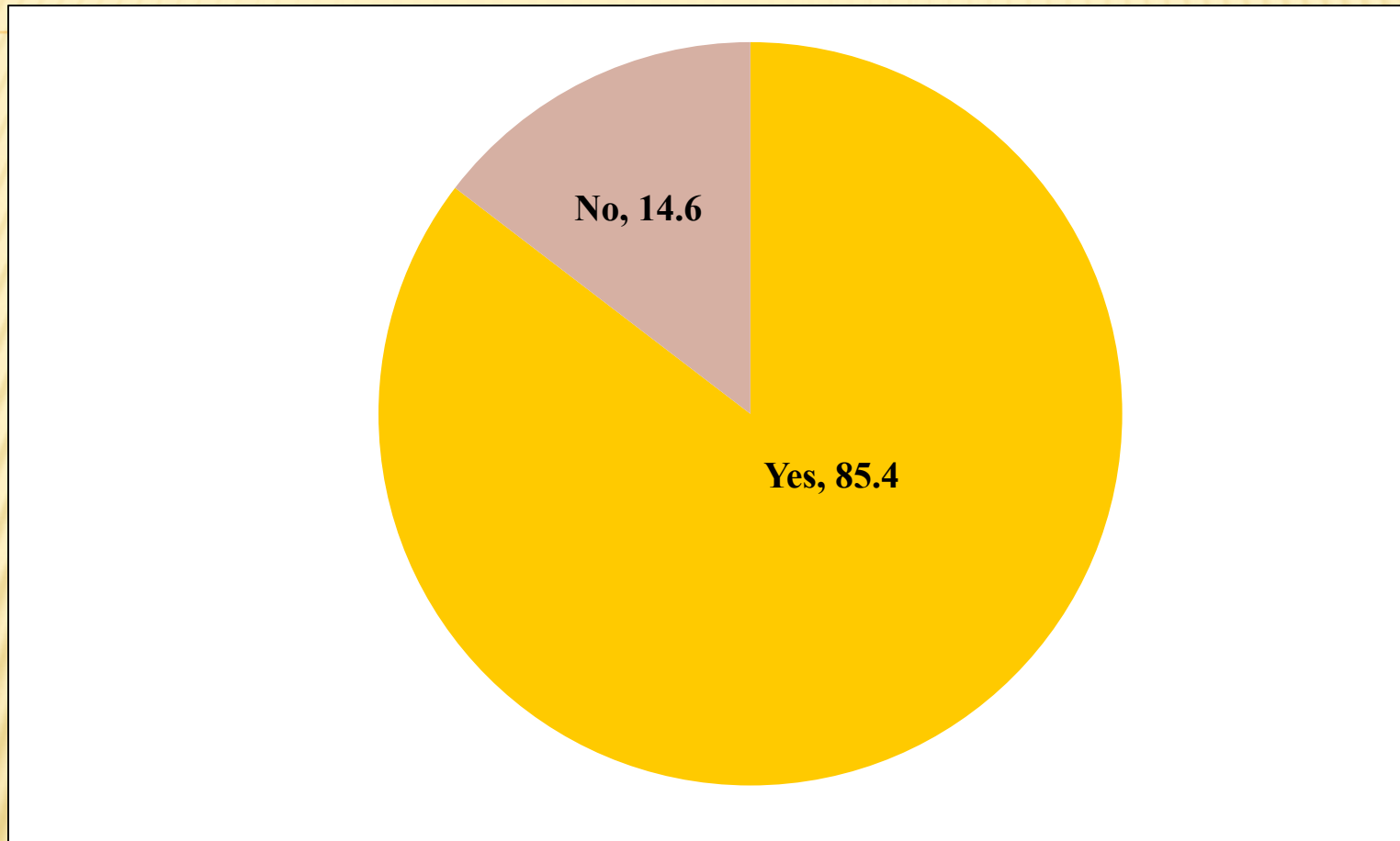
In the last 3 months most (35.2%; 95) women had been forced 1 – 5 times while 13.3% had been forced 6 – 30 times in the last 3 months. Only 3.0% (8) have been forced many times or they did not know the number of times that they have been forced in the last 3 months

NUMBER OF TIMES BEEN FORCED IN THE LAST 12 MONTHS



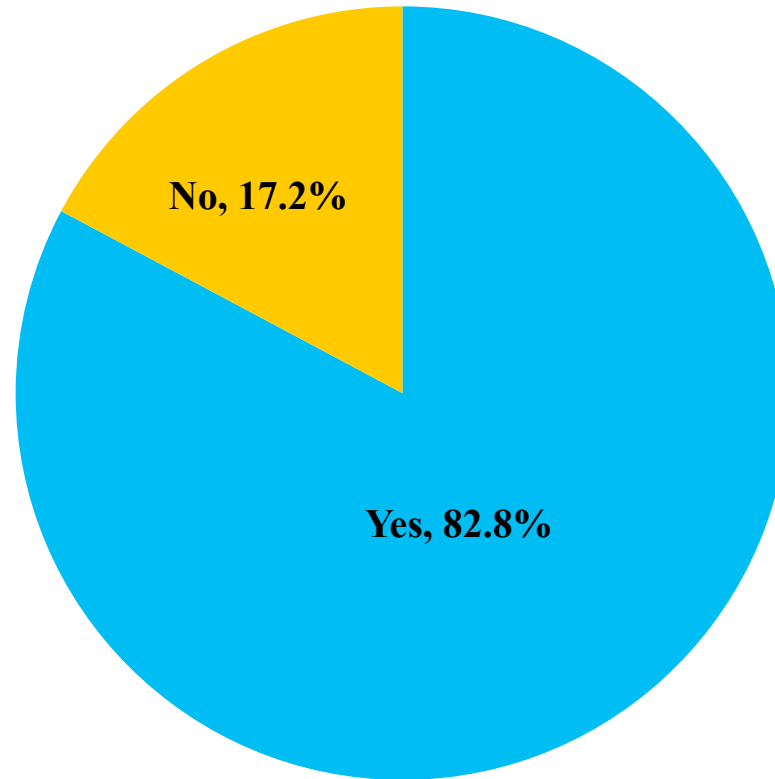
Over three-fifths (68.0%; 104) of women had been forced 1-10 times while 13.1% (20) have been forced many times in the last 12 months. While the rest is shown in the column chart above.

THREATENED



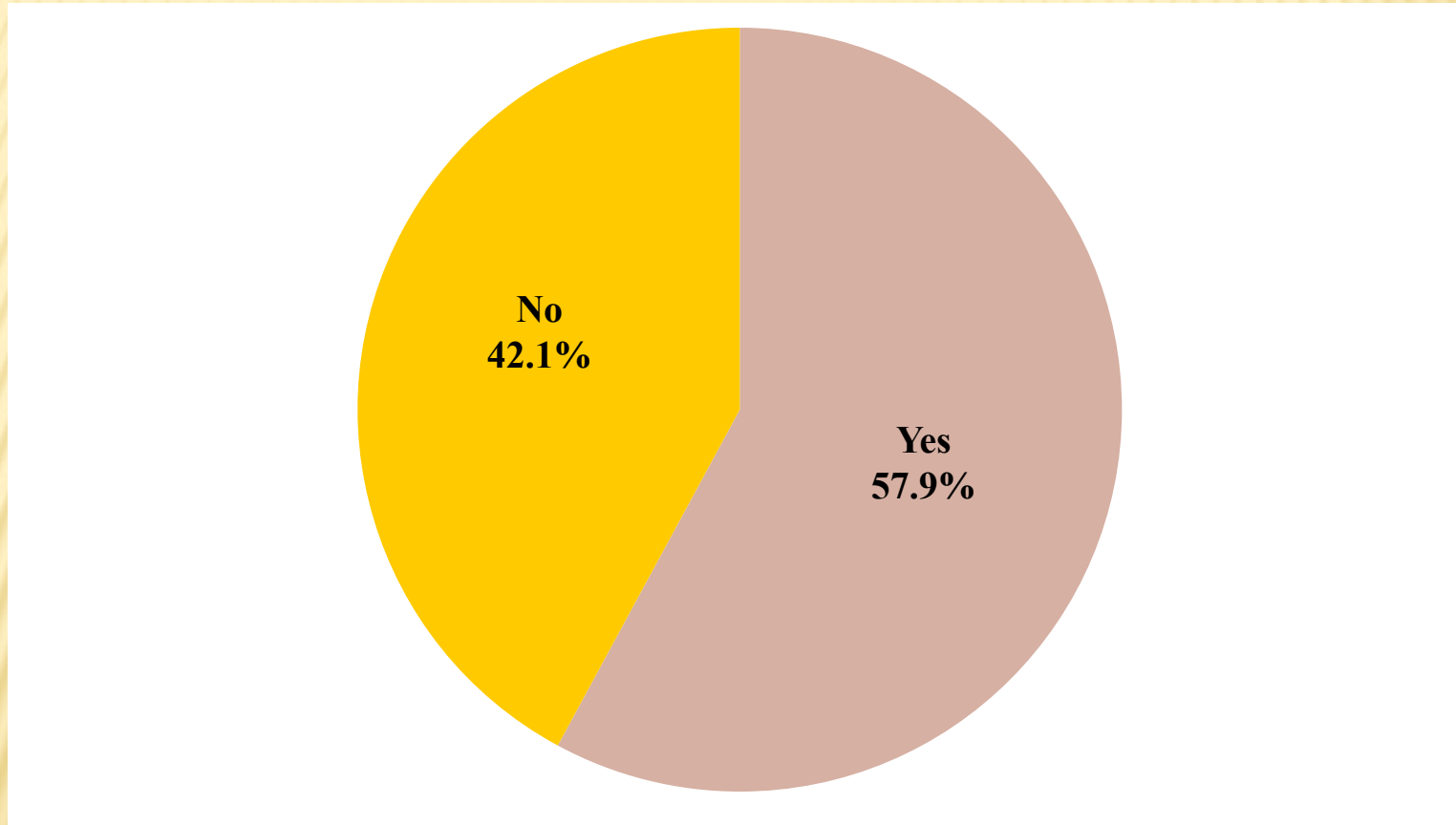
Over four-fifths (85.4%; 135) of women said that they have been threatened.

WEAPONS USED TO THREATENED



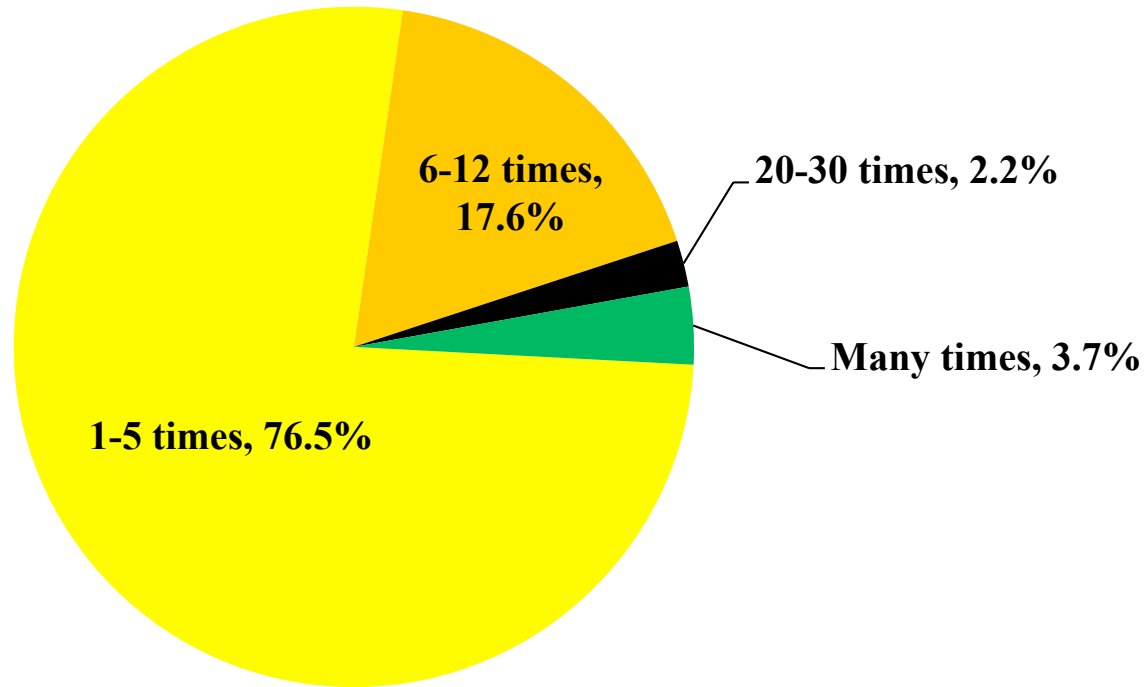
Over four-fifths (82.8%; 111) of women reported that weapons were used to threaten them.

PHYSICAL VIOLENCE DUE TO EXCHANGING THE LAST 12 MONTHS



Over a half (57.9%; 140) women were physically attacked due to exchanging sex in the last 12 months

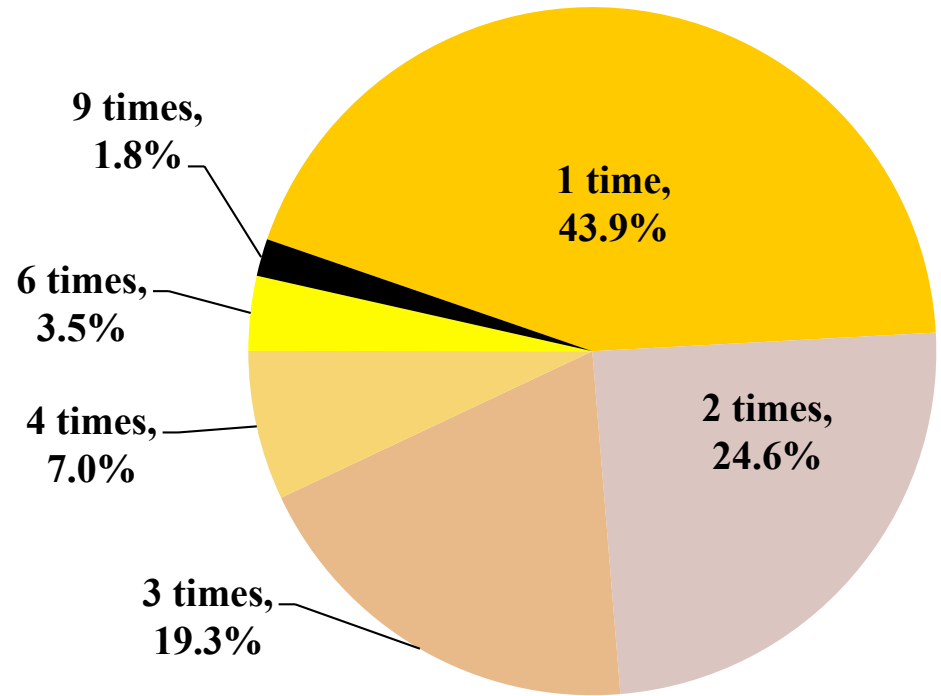
NUMBER OF TIMES PHYSICAL VIOLENCE DUE TO EXCHANGING THE LAST 12 MONTHS



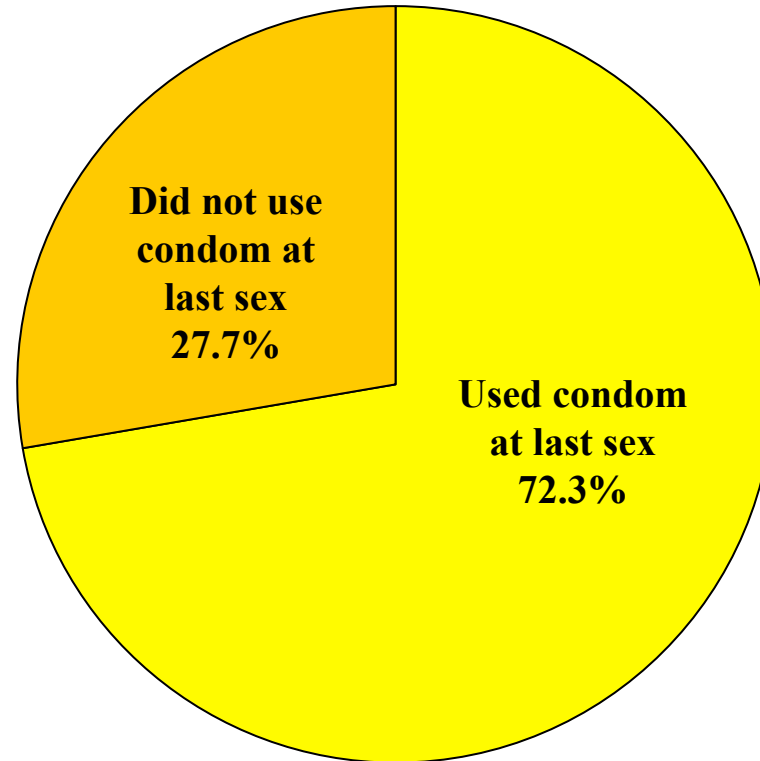
Over a three quarters (76.5%;104) women were physically attacked between 1-5 times, with close to a fifth (17.6%; 24) had been attacked between 6-12 times due to exchanging sex in the last 12 months. Only a few (5.9%; 8) had been attacked between 20-30 times or many times in the last 12 months.

JAILED BY POLICE AS A RESULT OF EXCHANGING SEX

Ever been put in jail for exchanging sex	2010	
	n	% Total
Yes	64	26.6
No	177	73.4
Total	241	100.0

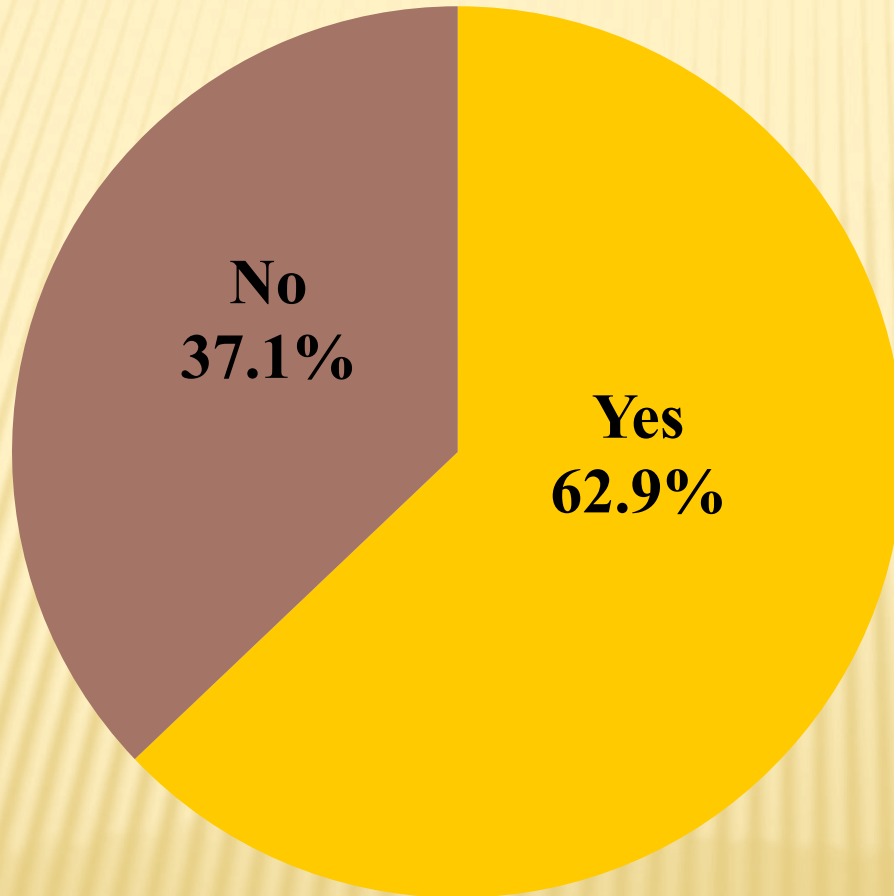


CONDOM USE AT LAST SEXUAL INTERCOURSE

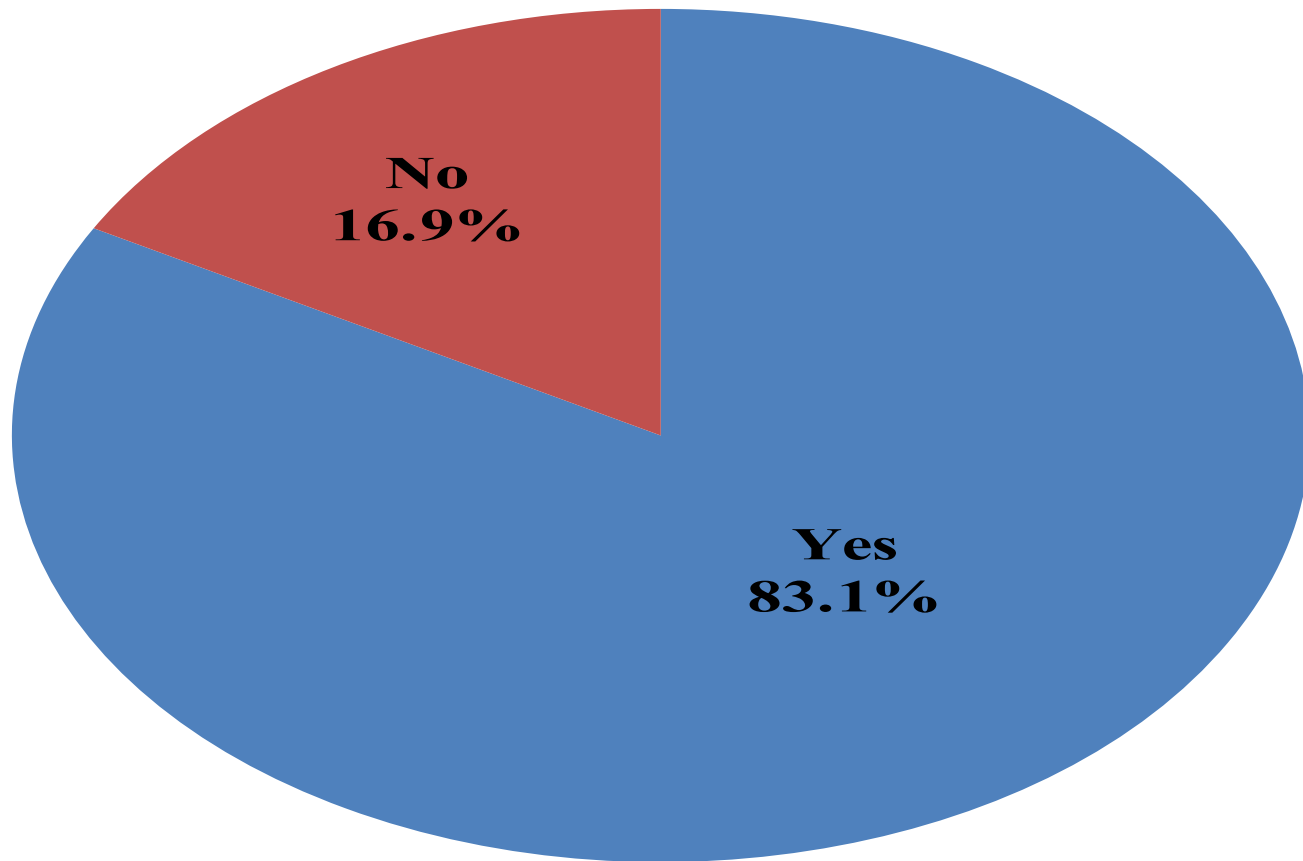


Condom use at last sex with women exchanging sex was high (72.3%; 175) had used condom the last time they had sex while (27.7%; 67) had not use condom at last sex

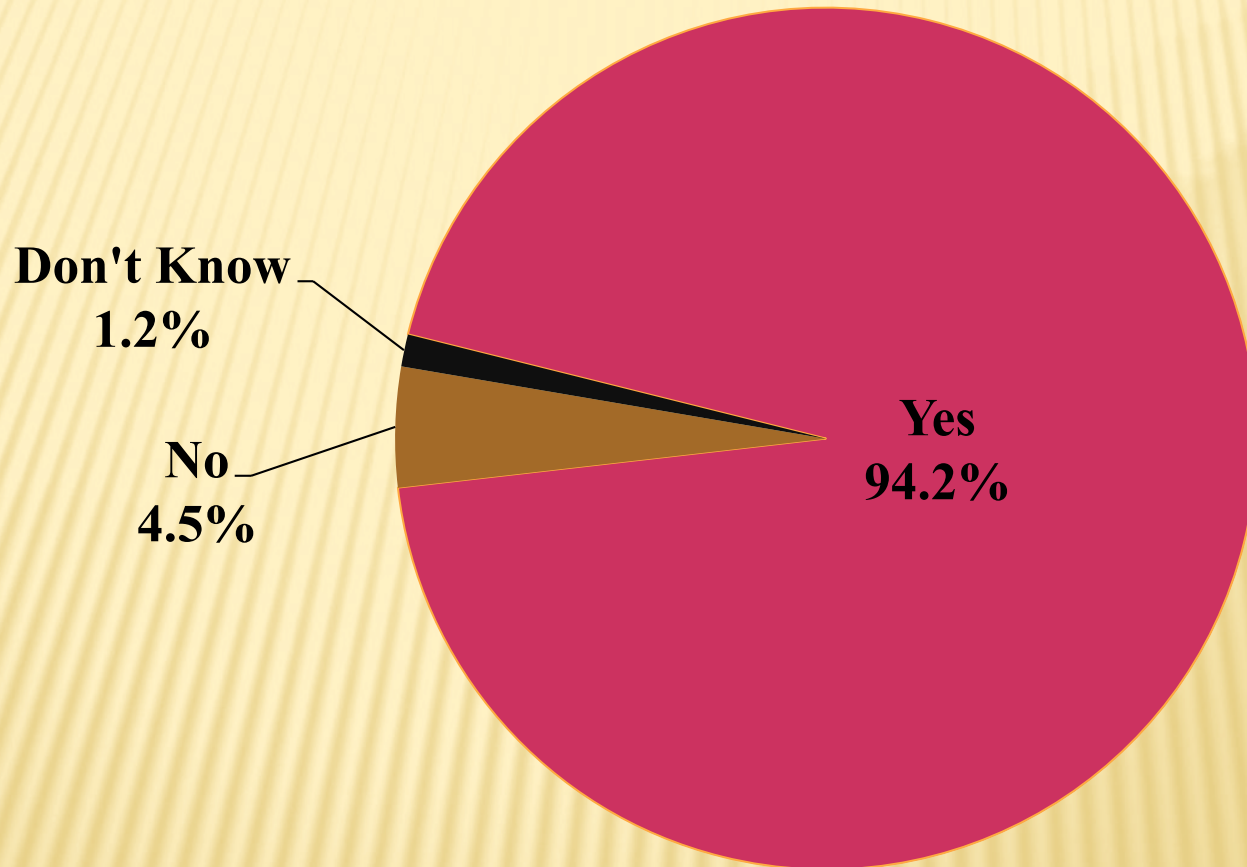
GIVEN CONDOMS BY PAC, TINGIM LAIP, FRIENDS FRANGIPANI, OUT REACH WORKERS OR CLINIC IN THE PAST YEAR



OBTAIN CONDOM EVERY TIME WHEN NEEDED

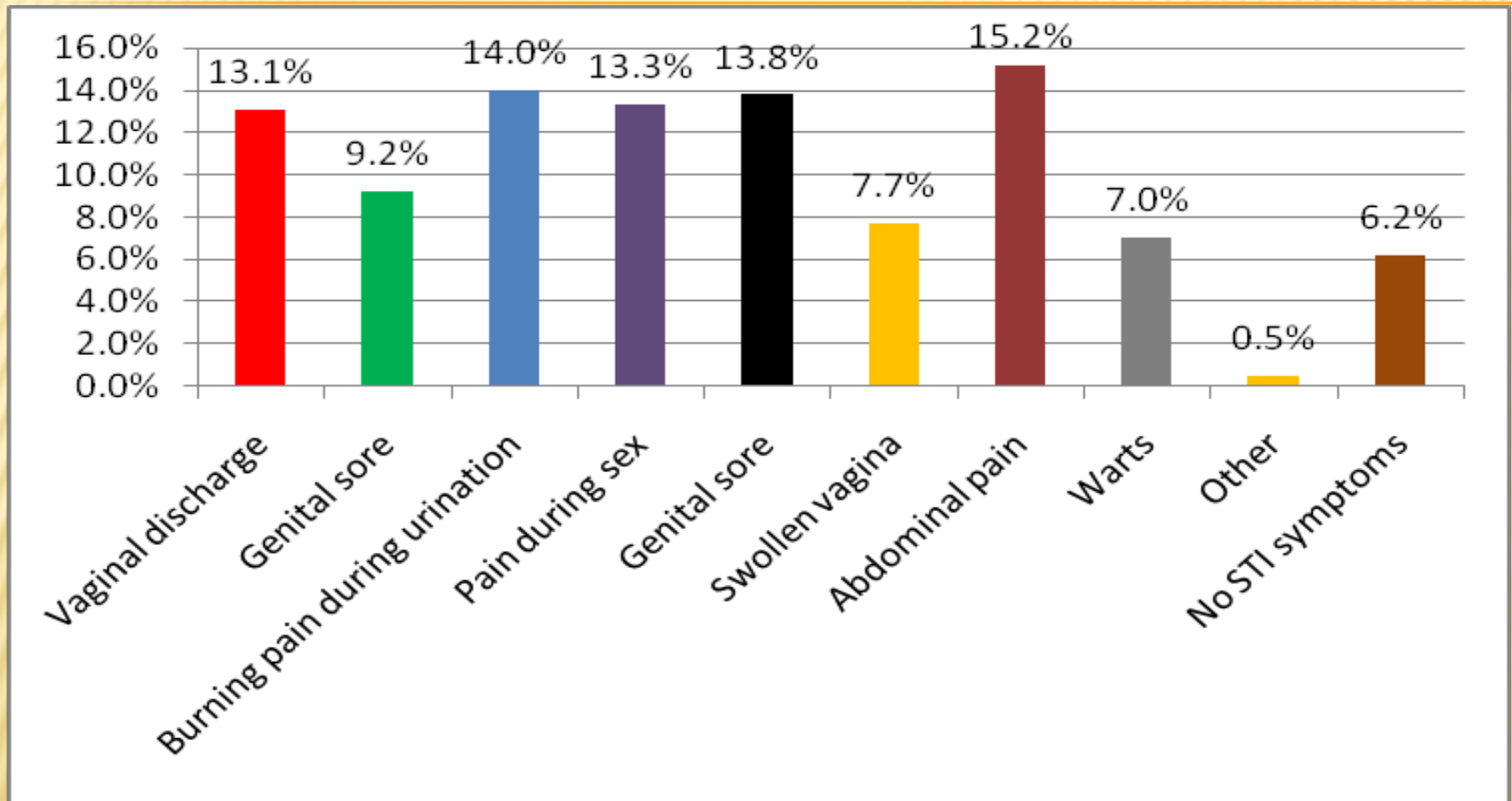


ARE CONDOM USEFUL



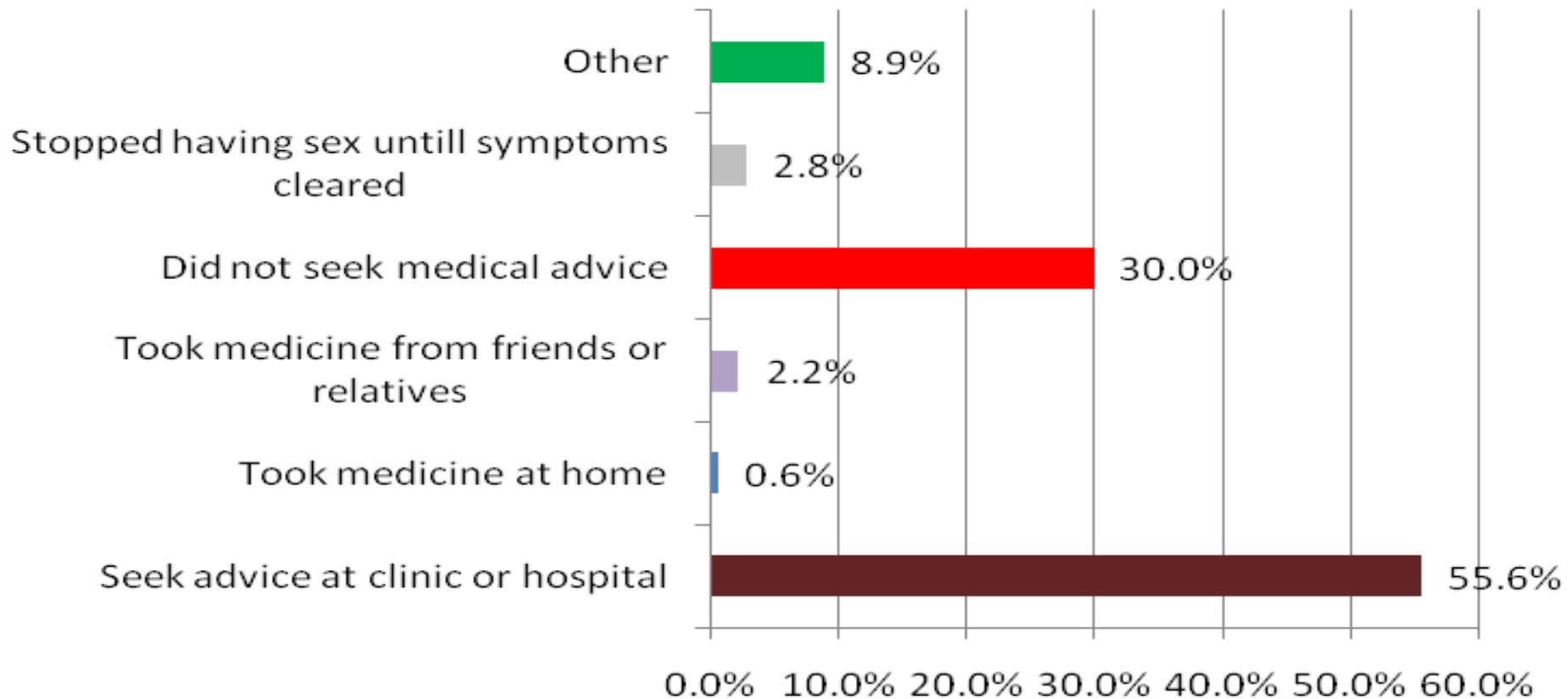
Close to all (94.2%) reported that condoms are useful

STI SYMPTOMS IN THE PAST 12 MONTHS



- 203 (84.2%) have heard of sexually transmitted infections
- 38 (15.8) have not heard of STI
- Symptoms experienced in the past 12 months

ACTION TAKEN WHEN HAD STI



HIV TESTING

-Of the total women sampled 79.5% (190) know where to go for a HIV test

Know where to go for a HIV test	% Total
Yes	79.5%
No	20.5%
Total	100.0%

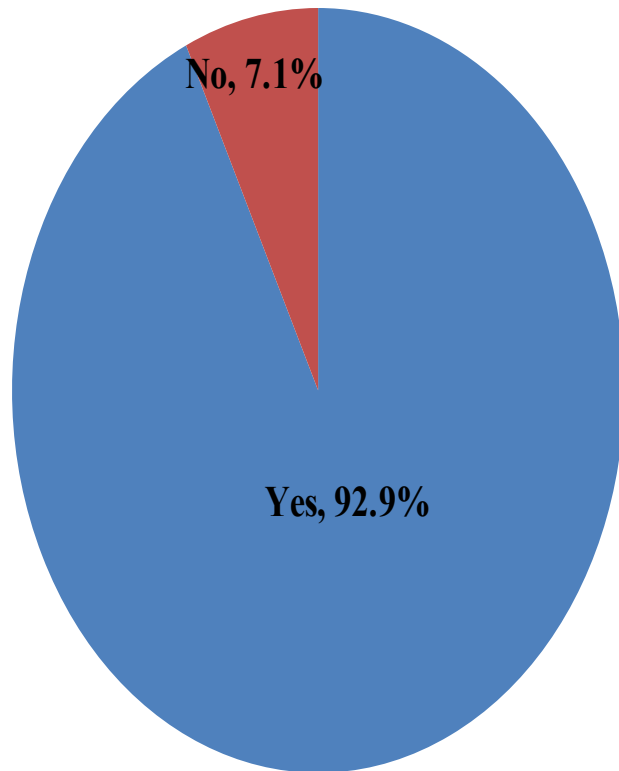
-Of the total women sampled 45.0% (108) had done HIV testing in past 12 months

Ever had HIV testing done in the past 12 months	% Total
Yes	45.0%
No	55.0%
Total	100.0%

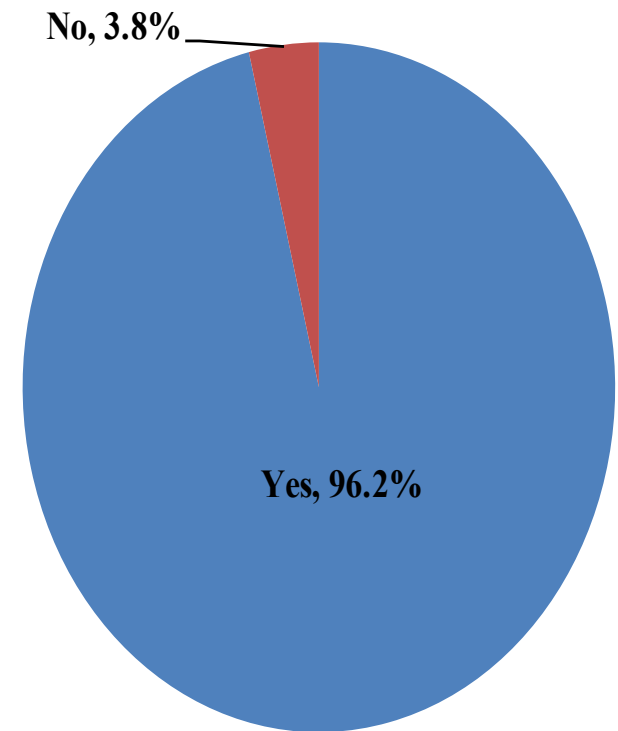
-Of the women who done HIV testing in past 12 months, 92.6% (100) had received their results

Ever had HIV testing done in the past 12 months and received your results	% Total
Yes	92.6%
No	7.4%
Total	100.0%

KNOW SOMEONE LIVING WITH HIV

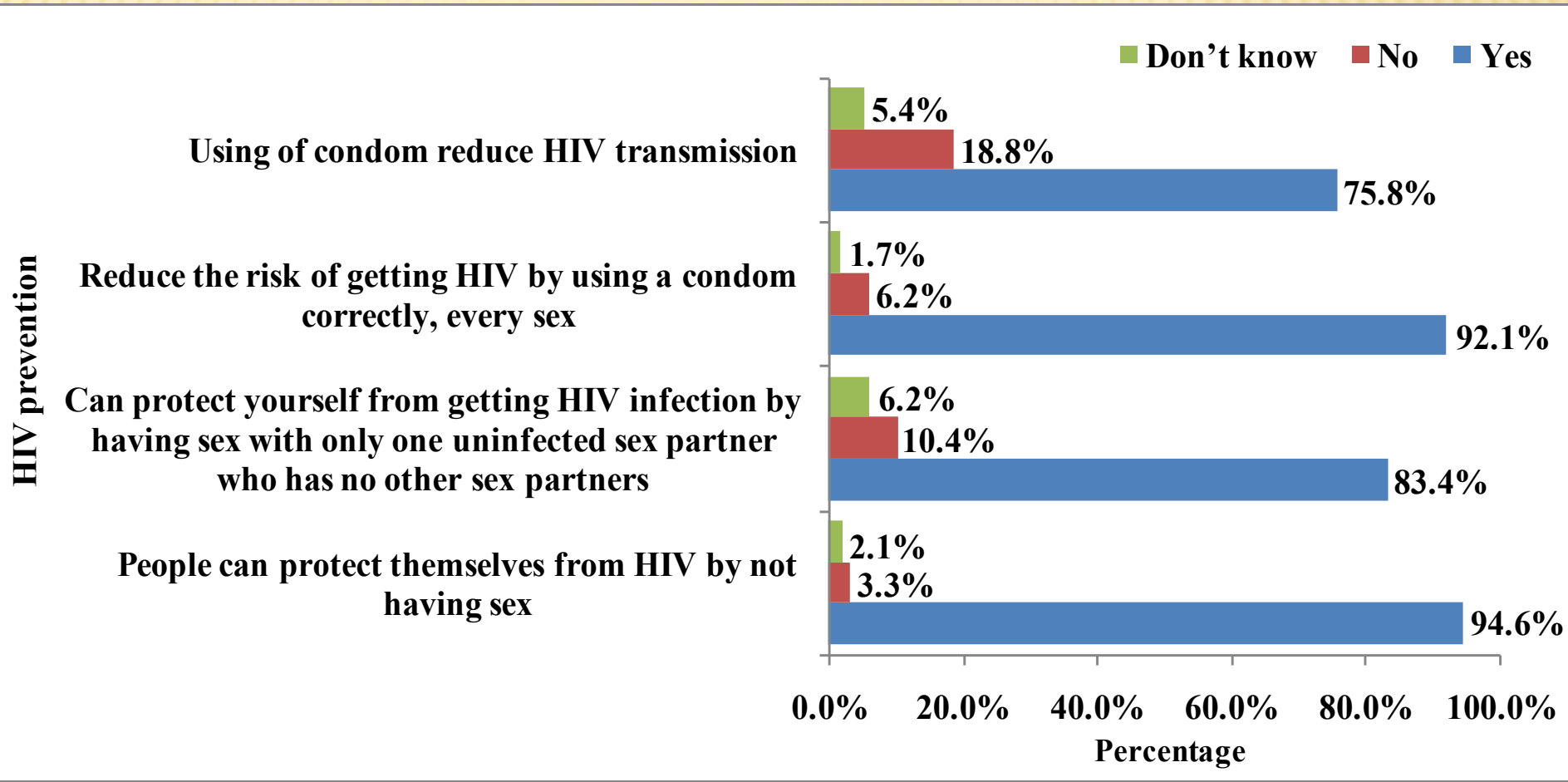


KNOW SOMEONE WHO HAS DIED OF AIDS

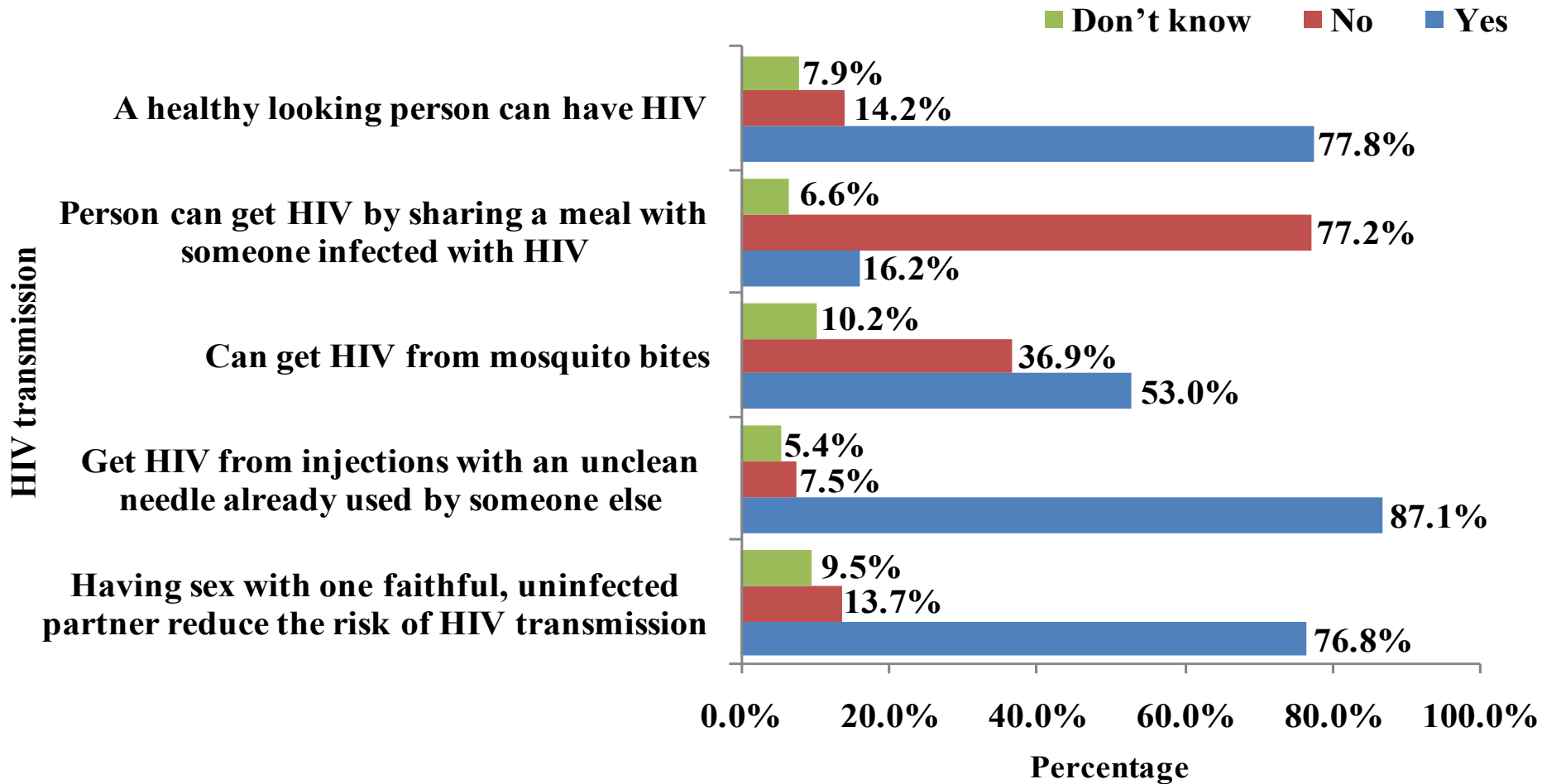


Close to all (92.9%; 224) of women knew someone living with HIV or someone who has died of AIDS (96.2%; 231).

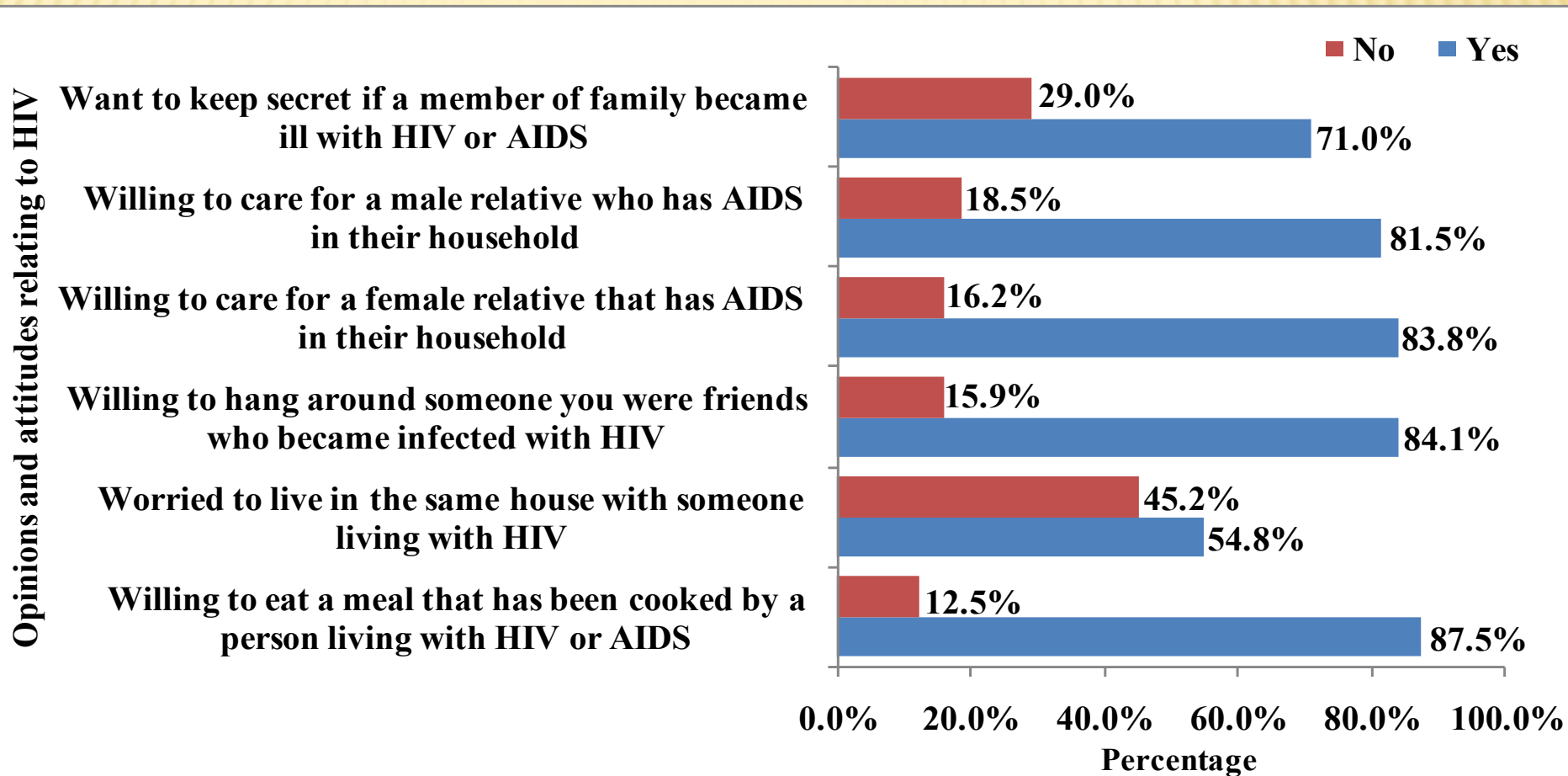
HIV PREVENTION KNOWLEDGE



HIV TRANSMISSION KNOWLEDGE

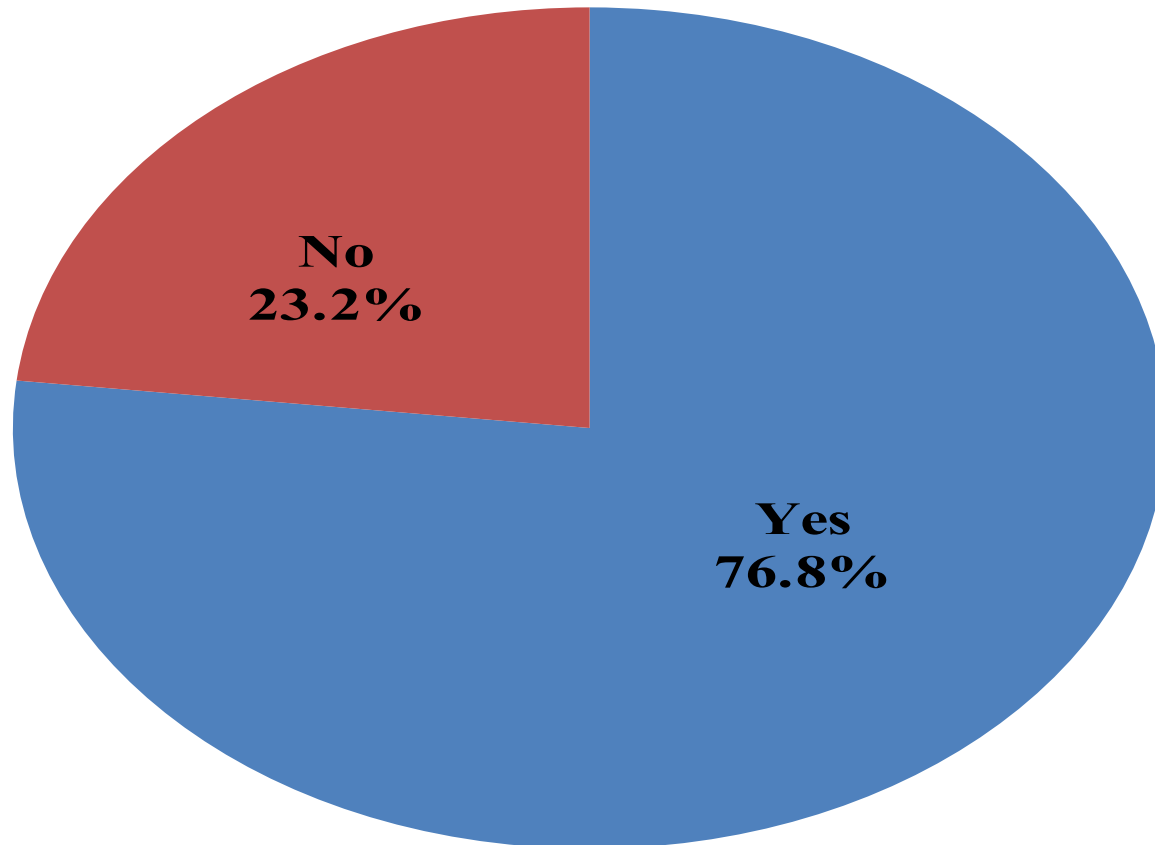


OPINIONS AND ATTITUDES TOWARDS HIV



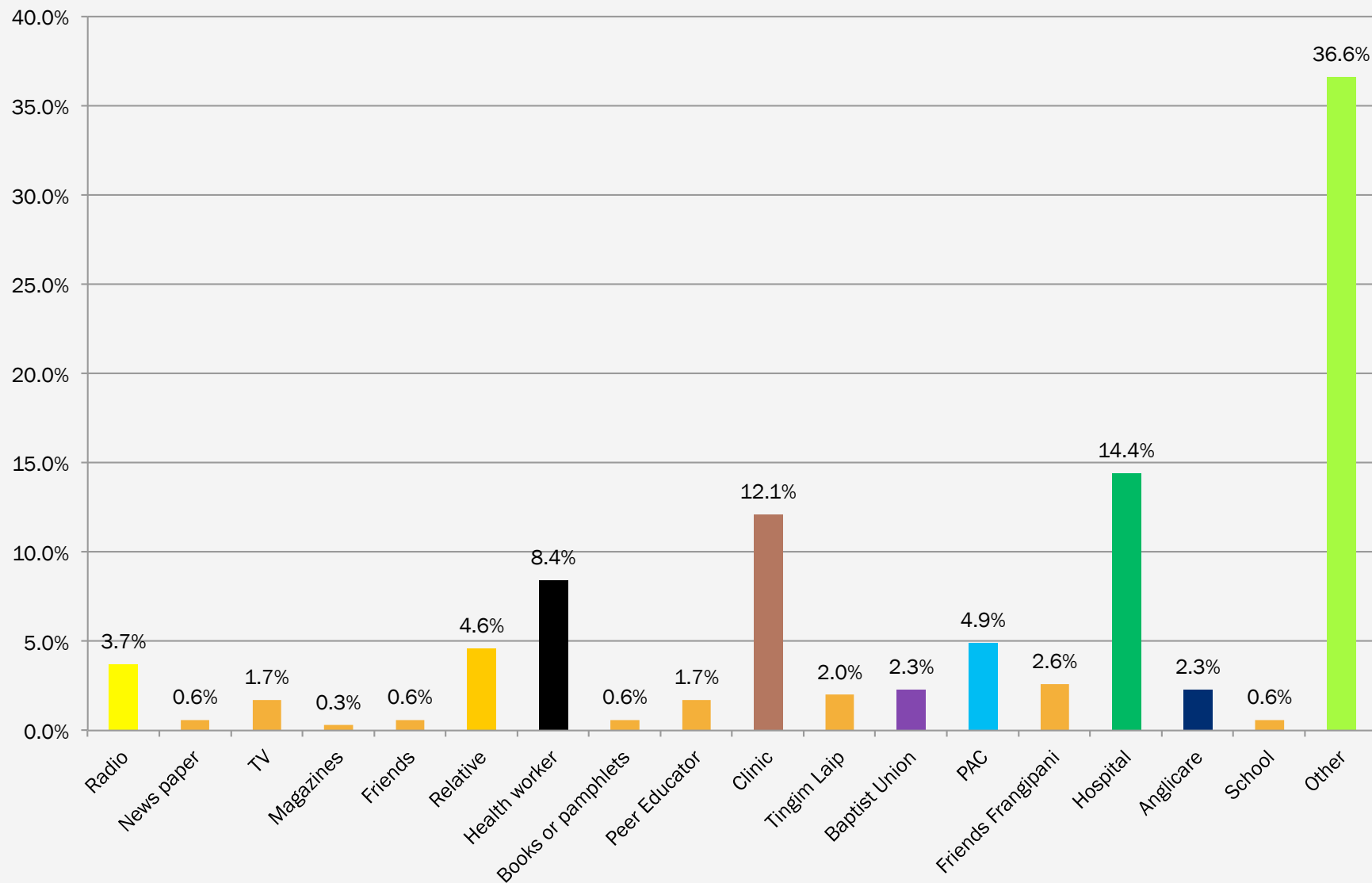
In general, women exchanging sex had positive opinion and attitudes towards People Living with HIV.

EXPOSURE TO PROJECT INTERVENTION: PEOPLE COMING TO TALK TO COMMUNITY



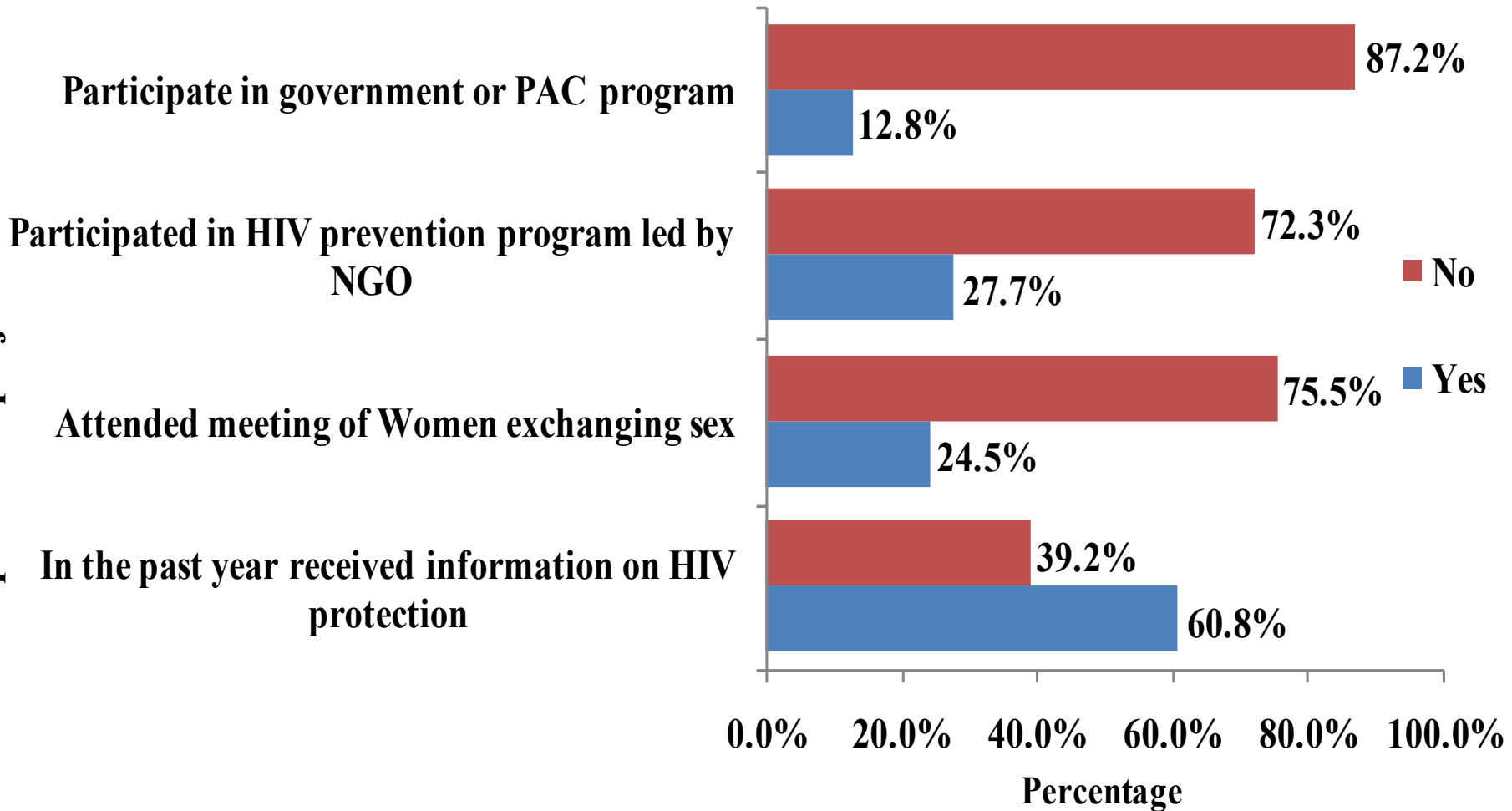
Over three quarters (76.8%) said people came to their community to talk about HIV and AIDS

PLACES OR PEOPLE HIV INFORMATION IS RECEIVED



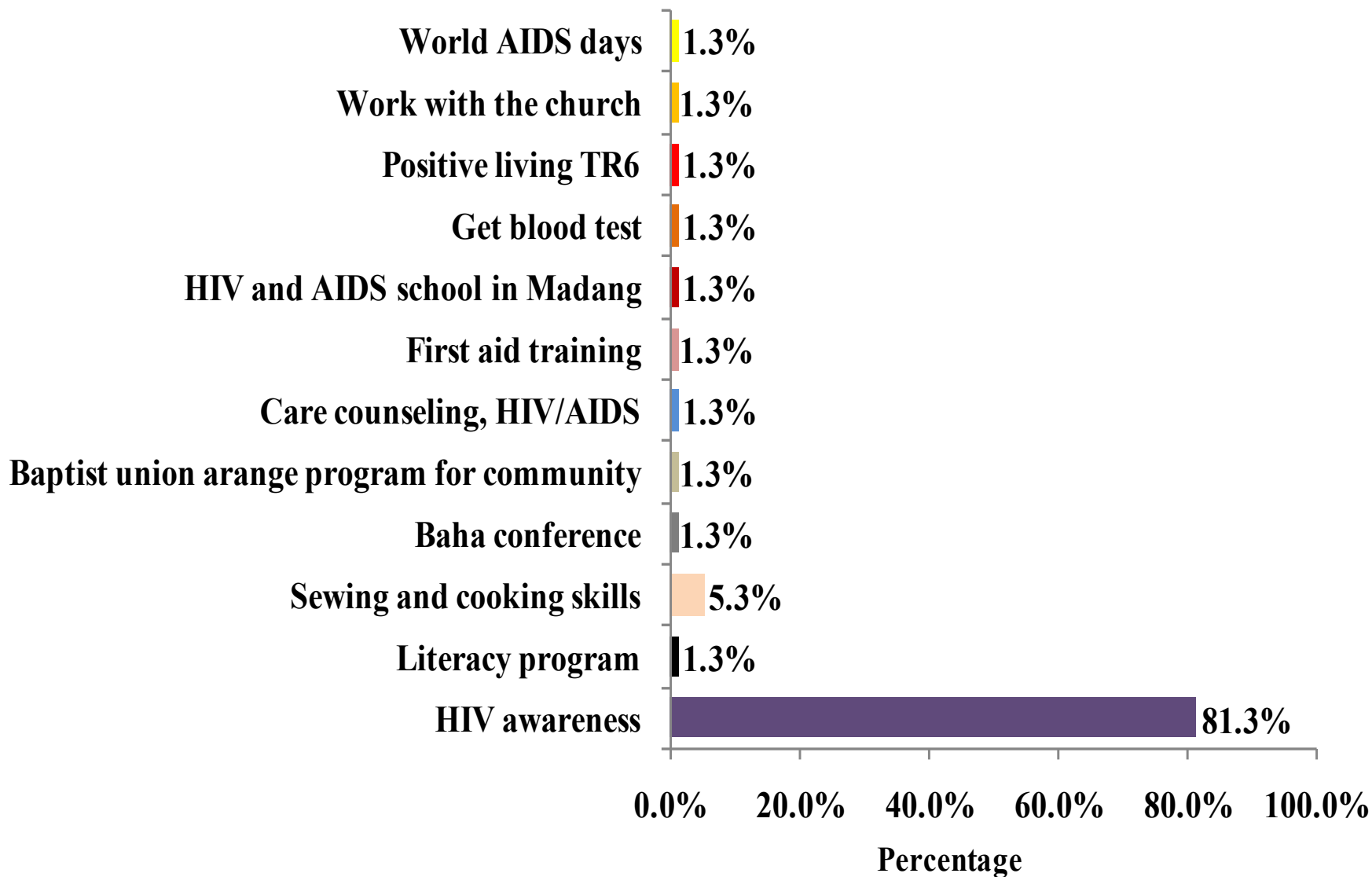
PARTICIPATION IN PROJECT INTERVENTIONS

Participation on project intervention



TYPES OF NGO PROGRAMS PARTICIPATED IN

Types of programs participated in led by
NGO



TYPES OF PAC PROGRAMS PARTICIPATED IN

**Types of programs participated in led
by Government or PAC**

