INTEGRATED BIOLOGICAL AND BEHAVIORAL SURVEILLANCE SURVEY (IBBS) AMONG FEMALE SEX WORKERS IN 22 TERAI HIGHWAY DISTRICTS OF NEPAL

In Collaboration with

STD/AIDS Counseling and Training Services
Pyukha, Kathmandu, Nepal

And

National Reference Laboratory
Rara Complex, New Baneshwor

ACNielsen Nepal Pvt. Ltd.
(The Nielsen Company)
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<td>CT</td>
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Executive Summary

Background

The Integrated Biological and Behavioral Surveillance Survey among Female Sex Workers (IBBS 2009) was launched on February 20, 2009. A total of 600 female sex workers (FSW) were recruited for the study, out of whom 400 were recruited from six study sites representing 16 districts between Jhapa in the eastern region and Rupandehi in the western region along the highway in the terai. Another 200 were recruited from three sites representing six districts between Kapilvastu in the western region and Kanchanpur in the far western region. Data for the study were collected from February 28, 2009 to April 25, 2009. The survey measured the prevalence of HIV and sexually transmitted infections (STI) among the FSWs as well as variables which are associated with the risk of HIV infection, such as condom use, sexual behaviors, knowledge of HIV/AIDS, reported cases of sexually transmitted infections, STI treatment behaviors, exposure to HIV/AIDS messages, and alcohol and drug habits. A section on family planning and the female condom, which was not part of the earlier rounds of the IBBS, was one of the vital components of the 2009 round. One of the major purposes of the study was also to compare differences in behavior between 2003, 2006 and 2009.

Study Objective

The primary objective of the study was to determine the prevalence of HIV and sexually transmitted infections in the 22 terai highway districts among the female sex workers and to assess their HIV/STI-related knowledge and risk behaviors.

Study Methodology

The eligibility criterion for recruiting the FSWs in the study was “women reporting having been paid in cash or kind for sex within the last six months”.

The first process in the sampling was a mapping exercise conducted in the study area prior to the main survey by a team of qualified and trained research staff of ACNielsen Nepal. The main purpose of the mapping exercise was to visit the study sites, and in consultation with local key informants - NGOs running HIV programs targeting FSWs and their clients, local authorities directly or indirectly involved with the HIV programs and the local police - develop a list of locations where the sex workers gather and solicit clients. Moreover, estimate the tentative size of the FSWs in those locations. Later, this information was used for defining clusters and drawing a two-stage cluster sampling.

The number of clusters (sites where FSWs solicit or practice sex) was included in the sampling frame along with the measure of size for each of the clusters. Separate sampling frames were prepared for the ‘16-district domain’ and ‘6-district domain’. A two-stage cluster sampling was followed in the sampling design, i.e., Stage 1 - Selection of clusters and Stage 2 - Selection of respondents. Locations with at least 30 sex workers were defined as a cluster. Locations with less than 30 FSWs were merged with the neighboring locations to form a cluster. At least 30 clusters were selected in each domain to ensure proper representation of the survey population. The FSWs were selected randomly for the interview from the selected clusters.
**Biological Component**

For collecting blood and urine samples, clinics were set up at nine different locations to cover the area as prescribed by the sampling procedure. After obtaining informed consent, blood and urine samples were collected, and syndromic treatment was provided for the STI problems after examination by a staff nurse. All study participants were also provided pre-test counseling for HIV. Lab analysis included testing for HIV, Neisseria gonorrhoeae, Chlamydia trachomatis and syphilis among the FSWs. The sex workers, who returned with the proper ID card provided to them, were given the test results, and treatment was given to those who tested positive for STIs.

**Key Findings**

- The mean age of the FSWs within a range of 16 to 50 years was 27.7 years in the six districts and 25.8 years in the 16 districts.

- About 52 percent of the FSWs were illiterate or had no formal schooling, and only 6 percent had completed their education up to SLC or above.

- More than half (57.8%) of the FSWs were married, 23.8 percent were never married, 12.8 percent were separated and 6.2 percent were widowed.

- The average age at their first sexual experience was 15.5 years.

- The number of paying clients that a FSW serves per day in general ranges from one to four or more, with a mean of 1.9 clients per day. Majority of the FSWs (96.8 %) reported that they entertained one to four clients per day.

- It was reported that 33.5 percent of the sex workers in the 6 districts and 19.5 percent in the 16 districts had been subjected to forced sex by their clients in the past year.

- Some of the sex workers reported performing sex other than vaginal with their different partners in the year preceding the survey. A total of 158 (26.2%) sex workers replied positively. It was also revealed that masturbation (44.3% or 70/158) followed by oral sex (24.1% or 38/158) and anal sex (23.4% or 37/158) were reported as types of sexual acts that they were forced to perform, despite their unwillingness to do so, in the past one year.

- An overriding majority (84.8%) of the respondents said condoms were used in their last sexual encounter with a client. Three-quarters (77.8%) of them had themselves suggested the use of condoms during sex.

- Majority (67.3%) of the respondents mentioned that they could get condoms within five minutes from their place of work. Almost 19 percent from the 6 districts and 3.5 percent from the 16 districts reported that they had to spend more than 15 minutes to get a condom from where they worked.

- The survey results revealed that almost half (49.8%) of the FSWs had heard about the female condom. The proportion of sex workers who had heard about the female condom in the 6-district domain and 16-district domain was 49 percent and 50.3 percent respectively. It was also observed that the sources of knowledge about the female condom in the 6-district domain and 16-district domain were almost the same. Majority of the respondents (77.9%)
who had heard about the female condom reported NGO staff as the major source of their knowledge. Among the FSWs who had heard about the female condom, only 4.1 percent in the 6 districts and 5.5 percent in the 16 districts had ever used one.

- When the sex workers were asked about the methods of family planning adopted, almost all respondents across the board (99.2 percent) reported condoms and injectables.

- Among the FSWs who were currently using a family planning method, 50.9 percent (36% in the 6 districts and 61.5% in the 16 districts) were using condoms, 22 percent (21.1% in the 6 districts and 22.6% in the 16 districts) injections while 22 percent (24.8% in the 6 districts and 19.9% in the 16 districts) had undergone a laparoscopy operation.

- Nearly all (99.7%) of the sex workers had heard about HIV/AIDS. The radio was the major source of information about HIV/AIDS for 92 percent of the sex workers. A large proportion of them (87.1%) also stated their friends/relatives, people from the NGOs (87.1%) and television (78.9%) as their sources of information about HIV/AIDS.

- In total, only 26.7 percent of the respondents had comprehensive knowledge about HIV (that means were aware of UNGASS indicators of HIV transmission). No major differences were observed in the knowledge of major ways to avoid HIV/AIDS in the 6 vs 16-district samples.

- Altogether 2.3 percent of the respondents had been experiencing at least one STI symptom during the survey.

- In total, 69.4 percent of the respondents had not sought treatment for the STI symptom/s that they were experiencing.

- Majority (87.2%) of the respondents had at least once met or interacted with the OEs/PEs from the HIV/AIDS-related programs, and 50.5 percent had visited the DICs (Drop-in centers). The proportion of respondents paying a visit to a STI clinic and Voluntary Counseling and Testing (VCT) center during the past year was 45.3 percent and 65.2 percent respectively.

- Only 33.7 percent of the sex workers reported participating in awareness raising programs on HIV/AIDS in the 12 months preceding the survey. Thagali had conducted most of these activities in the 6 districts while in the 16 districts, GWP had done so.

- In total, 2.3 percent (14/600) of the respondents were found to be HIV positive.

- The prevalence of HIV was significantly higher (6.3% or 4/14) at the Dhangadhi site, one of the nine sites included in the study.

- The prevalence rate of syphilis, gonorrhea and Chlamydia has decreased to 3.5 percent, 1.5 percent and 8.3 percent from 4.7 percent, 7.7 percent and 14.0 percent respectively reported in the IBBS study of 2006.
**Recommendations**

✓ Many young girls are entering the sex trade every year. So the HIV/AIDS awareness campaigns should target the youth and adolescent groups. Programs might include visits by peer educators and outreach workers to raise awareness about HIV and STI and to promote condom use. Sex education at the school level would also help to a great extent in creating general awareness.

✓ The sex workers do not use condoms consistently with their non-paying partners such as husbands and boyfriends. Prevention programs should focus more on the need for consistent condom use with all kinds of partners because in spite of the many efforts by the Ministry of Health and donor agencies, HIV prevalence has gone up in this round of survey.

✓ To enable the sex workers to access condoms easily, free condom distribution programs through NGOs/health workers/volunteers should be expanded to cover a larger group of the target population.

✓ The mobilization of peer and outreach educators to educate the target groups has been quite successful in meeting its objectives. This should be continued on a larger scale to cover more sex workers. However, comparatively fewer sex workers had ever visited the existing DICs, STI clinics and VCT centers. Such facilities should be extended to facilitate convenient access to the sex workers.
1.1 Background

In Nepal, the HIV epidemic is related to behaviors that expose individuals to the virus, thus increasing the risk of infection. Information on knowledge about HIV and the level and frequency of risk behaviors related to the transmission of HIV is important in identifying and better understanding populations most at risk of HIV.

Recent estimation shows that 70,000 people in Nepal are living with HIV (UNAIDS/WHO, 2008). This factsheet also further indicates that 17,000 women in the age group 15 years and above are living with HIV in Nepal.

The first ever HIV and STI prevalence survey, which covered 16 districts in the terai along the East-West Highway, was conducted in 1999 by Family Health International (FHI). The survey showed that 3.9 percent of the FSWs and 1.5 percent of the truckers were HIV-positive. Behavioral surveillance surveys conducted among the FSWs and their clients on the terai highway and in the Kathmandu Valley revealed that the sex trade was on an increasing trend and that a greater number of younger FSWs were entering the business (New ERA/SACTS/FHI2005). Interventions targeting the FSWs and their clients have been intensified over the years, primarily by different INGOs and NGOs. These programs basically aim at bringing about behavioral change among the sex workers and their clients. Promotion of condom use as a safer sex practice is one of the chief components of these activities. The integrated bio-behavioral survey (IBBS) conducted in 2003 by FHI among the FSWs in the 22 terai highway districts revealed that 22.7 percent of the sex workers had used condoms consistently with their clients in the past year. The third round of the IBBS was undertaken in 2006 to compare condom use practices and other knowledge and risk behaviors of the sex workers in the 22 terai highway districts with those of previous study findings. Altogether 600 female sex workers participated in both rounds of the IBBS study. Among them, 12 (or 3.0%) FSWs in 2003 and 6 (or 1.5%) FSWs in 2006 were found to be HIV positive.

Previous studies carried out by FHI on the main highway of the terai in Nepal have shown that majority of the clients of the sex workers are transport workers, migrant workers, policemen/army personnel and businessmen. Most of these people are mobile and frequently come in contact with the sex workers, and they could carry the HIV virus to their unsuspecting families.

Many studies have identified sexual transmission as the predominant route of HIV transmission in Nepal. Sex workers, their clients, labour migrants, IDUs and MSM are identified as the primary sub-populations driving the epidemic (NCASC, 2007).

In January 2009, FHI commissioned the fourth round of the IBBS among the FSWs in the same 22 terai highway districts for ACNielsen Nepal in collaboration with STD/AIDS Counseling and Training Services (SACTS) and the National Reference Laboratory (NRL).

1.2 Objectives of the Study

The primary objective of the study is to determine the prevalence of HIV and sexually transmitted infections in the 22 terai highway districts among the FSWs and to assess their HIV/STI-related knowledge and risk behaviors.
The specific objectives of the study were to collect information related to the socio-demographic characteristics, sexual behaviors, knowledge of HIV/AIDS and STIs, treatment of STI problems, knowledge about family planning and the use of condoms, exposure to available HIV/STI services for female sex workers and to relate them with HIV and STIs.

The data obtained from this fourth round have been compared with those of the second and third rounds of the survey to understand whether there has been any improvement in the key variables between the two rounds of surveys.
Chapter 2: Methodology

2.1  Study Population

This IBBS study was conducted among female sex workers. The eligibility criterion for recruiting female sex workers in the study was: “women reporting having been paid in cash or kind for sex within the last 6 months”. Such sex workers residing in the 22 terai highway districts between Jhapa in the eastern region to Kanchanpur in the far western region (i.e., Jhapa, Morang, Sunsari, Saptari, Siraha, Dhanusha, Mahottari, Sarlahi, Dhading, Makwanpur, Rautahat, Bara, Parsa, Chitwan, Nawalparasi, Rupandehi, Kapilvastu, Dang, Banke, Bardiya, Kailali and Kanchanpur) were eligible for the sample.

2.2  Sample Design

The number of clusters (sites where FSWs solicit or practice sex) was included in the sampling frame along with the measure of size for each of the clusters. Separate sampling frames were prepared for the ‘16-district domain’ and ‘6-district domain’. A two-stage cluster sampling was followed in the sampling design, i.e., Stage 1 - Selection of clusters and Stage 2 - Selection of respondents.

Locations with at least 30 sex workers were defined as a cluster. Locations with less than 30 FSWs were merged with the neighboring locations to form a cluster. At least 30 clusters were selected in each domain to ensure proper representation of the survey population. As evinced in the ToR, 30 clusters were selected from the ‘6-district domain’ and 40 clusters from the ‘16-district domain’.

To make the sampling smooth, a mapping of the study area was done prior to the survey by a team of qualified and trained research staff of ACNielsen. The main purpose of the mapping was to visit the study sites, and in consultation with local key informants - NGOs running HIV programs targeting FSWs and their clients, local authorities directly or indirectly involved with HIV programs and the local police - develop a list of locations where sex workers gather and solicit clients. Moreover, estimate the tentative size of the FSWs in those locations. Later, this information was used for defining the clusters and drawing a two-stage cluster sampling.

During the selection of the clusters, Primary Sampling Units (PSUs) were arranged in geographical order with the corresponding measure of size (MoS). Starting at the top of the list, the cumulative measure of size was calculated, and these figures were entered in a column next to the measure of size for each unit. Sampling interval (SI) was calculated by dividing the total cumulative measure of size further domain (M) by the number of units to be selected (a), that is, SI=M/a. Random start number (RS) was selected between 1 and sampling interval (SI). The required number of clusters in the first stage of the sampling were selected using the probability proportional to size (PPS) method.

The required number of respondents in the clusters selected in the first stage were selected through a systematic random sampling technique. A list of respondents was prepared using their personal characteristic codes as their ID (for example, FSW in this place/shop and with such and such a physical look, etc). All the eligible respondents selected randomly were approached for consent and were recruited. Screening was carried out among the respondents based on the eligibility criteria with respect to age and frequency of having had sex within the last six months prior to the survey.
Randomly selected FSWs were approached up to three times if they were not available at their place during the first visit. If not available or if the randomly selected FSWs refused to give consent, they were replaced by the next FSW in the list.

2.3 Sample Size

The sample size was as in the previous rounds. To make the results comparable to the previous rounds of the IBBS, two separate samples of 400 and 200 FSWs were drawn from the 16 districts in the east and six in the west and far west terai respectively. Sample size for each study population and biological sample to be collected from them are shown in the table below. STD/AIDS Counseling and Training Services (SACTS) and National Reference Laboratory (NRL) in coordination with ACNielsen collected the biological samples.

<table>
<thead>
<tr>
<th>Study Area - Districts</th>
<th>Sample Size</th>
<th>Biological Samples</th>
<th>Lab Tests</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 Terai highway districts</td>
<td>400</td>
<td>Blood and Urine</td>
<td>HIV, Syphilis, GC</td>
</tr>
<tr>
<td>(Jhapa, Morang, Sunsari, Saptari, Siraha,</td>
<td></td>
<td></td>
<td>and CT</td>
</tr>
<tr>
<td>Dhanusha, Mahottari, Sarlahi, Dhading,</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Makwanpur, Rautahat, Bara, Parsa, Chitwan,</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nawalparasi and Rupandehi)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6 Terai highway districts</td>
<td>200</td>
<td>Blood and Urine</td>
<td>HIV, Syphilis, GC</td>
</tr>
<tr>
<td>(Kapilvastu, Dang, Banke, Bardiya, Kailali</td>
<td></td>
<td></td>
<td>and Kanchanpur)</td>
</tr>
<tr>
<td>and Kanchanpur)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>600</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2.4 Implementation of the Study

This study was planned in the second-generation surveillance work plan of the National Center for AIDS and STD Control (NCASC). The NCASC was the lead organization conducting the study with technical assistance from FHI and USAID/Nepal. Study implementation was monitored by the NCASC staff as well.

The study protocol for the FSWs was approved by the Protection of Human Subject Committee (PHSC), an ethical committee of FHI. The proposal was approved by the Nepal Health Research Council (NHRC) also. Field work began only after obtaining ethical approval from both the NHRC and PHSC.

ACNielsen was responsible for carrying out the overall study in close coordination with SACTS and the National Reference Laboratory. ACNielsen finalized the research methodology including the sampling plan, reviewed and updated the study tools developed for the previous rounds of the IBBS studies and distributed syphilis
and HIV test results to the study participants with pre/post test counseling and managed the entire study. ACNielsen was also responsible for disseminating the study results to the target population as well as to a wider audience in meetings organized by FHI under the leadership of the NCASC.

SACTS was responsible for the laboratory work (setting up mobile labs in the field sites), providing training to the lab technicians, supervising, collecting blood samples and conducting HIV and syphilis tests at their Kathmandu-based laboratory. NRL was responsible for providing training to the staff nurses, supervising the collection of urine samples and conducting Chlamydia trachomatis (CT) and Neisseria gonorrhoeae (GC) testing at the Kathmandu lab.

Using the list of local partner NGOs provided by FHI, ACNielsen’s field team contacted those NGOs in the study districts. Peer Educators (PEs), Outreach Educators (OEs) and Community Immobilizers (CMs) from the local NGOs provided the support needed to the field research team during the mapping exercise prior to the main survey and during the recruitment of the FSWs in the sample.

2.5 Identification and Recruitment of Study Participants

As per the requirement, the study sites were set up at nine different locations (i.e., at Birgunj, Birtamod, Butwal, Dhangadhi, Itahari, Lahan, Mahendranagar, Narayanghat and Nepalgunj). As evinced in the ToR, the sampling frame included the number of clusters (sites where FSWs solicit or practice sex) along with the measure of size for each of the clusters. Separate sampling frames were prepared for the ‘16-district domain’ and ‘6-district domain’.

Commercial sex work has no legal support in the country and carries a huge social stigma, therefore, it is carried out secretly. It was difficult identifying the sex workers randomly selected in the different clusters and to convince them to participate in this study. However, field team members of ACNielsen were pre informed about the working place and behavior of the sex workers during the training before conducting these interviews. This helped them to build relations with the local people and key informants and then approach and find out the randomly selected FSWs. Experience of the team members in other similar studies also helped develop good rapport with the study population community.

Before initiating the actual fieldwork, the study team visited different local organizations and apprised the different stakeholders about the study objectives and methodology. Meetings were also conducted with the staff of different organizations that had been mobilizing their peer educators, drop-in center (DIC) operators and outreach educators among the sex workers in the selected study sites. These meetings were conducted to acquaint themselves with the working areas of the different organizations and also to know the names of the staff members interacting with the target groups. It was considered necessary to collect such information since the study also sought to find out the exposure of the study participants to various HIV/AIDS-related programs, including peer/outreach education and their visit to the DICs, VCT centers and STI clinics located in the district.

In order to achieve the desired sample size for the study and to facilitate their participation, the study team was mobilized along the major terai highway districts. The study team used their established contacts with the pimps (dalals), outreach and peer educators of various organizations and FSWs (past and current) in the proposed study areas to facilitate the recruitment of the study population. The sex workers were recruited from various locations within the selected clusters such as...
streets, hotels, restaurants, cabin restaurants, tea shops and other settlements. After careful observation of these establishments/sites, team members started approaching the study population using various techniques like building good rapport with their employers, visiting the site, taking the help of brokers and key informants, observing the activities of women at major gathering areas for the FSWs, chatting with other staff of the establishments and approaching familiar sex workers.

In order to confirm the identity of the study participants, the sex workers were asked several screening questions. The questions were related to their sexual experience and behavior; the type of sex partners they had; their involvement in the sex trade; the number of clients; the period of their involvement in the profession; their knowledge about family planning methods; and their knowledge about HIV/AIDS awareness/prevention activities. They were interviewed only after the interviewers found their answers convincing enough to establish their identity as sex workers. The respondents were screened at least twice (at the first contact in the field and at the study centre) and sometimes thrice during the process.

Respondents giving satisfying answers to all the screening questions were briefed about the purposes, objectives and methodology of the study and how they had been randomly selected for the study. Only those sex workers who agreed to participate in the study were taken to the clinic.

An informed consent form was administered by the interviewers in a private setting and witnessed by another staff to ensure that the study participants understood the questions well and knew about the services that would be provided to them and that they were participating in the study on their own will. Both the interviewer and the witness were required to sign the consent form and date it. The interviewer administered the standard questionnaire in a private room.

A laminated ID card with a unique number was also issued to each respondent. The same number was used in the questionnaire, medical records, and blood and urine specimens of the particular respondent. The names and detailed addresses of the respondents were not recorded anywhere. A clinician did pre-test counseling on HIV/AIDS and STIs and asked them if they were currently suffering from any STI symptom. A urine specimen was also collected from each respondent to test for Chlamydia trachomatis and Neisseria gonorrhoeae. They were also examined physically for any evidence of STI symptoms, and in case of any such sign, they were treated and counseled accordingly. They were provided free medicines for the syndromic treatment of STIs in accordance with the “National STI Case Management Guidelines 2007”. A lab technician drew a venous blood sample for HIV and syphilis testing. Additionally, a one-month supply of vitamins and iron capsules and Rs. 100 in cash for their transportation expenses were also provided to the FSWs.

Fieldwork for the study started on February 28, 2009 and lasted till April 25, 2009
Refusal

All the respondents participated voluntarily in the study. Their refusal to participate in the survey was carefully documented. Refusals were recorded at two stages: (1) at the time of approaching the sex workers at different locations and (2) after arriving at the study site, i.e., during the final stage of recruitment. Altogether 212 sex workers refused to take part in the study, and 41 were considered clinically unfit for participation as they were menstruating/bleeding. Among the sex workers who refused to take part in the study, 171 expressed their unwillingness to take part in the survey when they were approached by the study team members themselves or through pimps and peer educators.

As only randomly selected FSWs were approached for their consent to take part in the study, the participants who refused had to be replaced. Those who refused at the time of approaching the sex workers at different locations were replaced by another FSW from the same location. Those who refused to participate after arriving at the study site were replaced by another FSW, first from the same location, and if this was not forthcoming, then from the same cluster. The replacing FSWs were also selected from the same list used in randomly selecting FSWs in the second stage.

2.6 Research Instrument

A structured questionnaire, similar to the previous rounds of the IBBS, was used with some additional questions. New sections were added to draw information on issues like awareness of family planning and female condoms. Inputs received from the researchers during the mock interview sessions conducted prior to the survey were also duly considered for giving final shape to the questionnaire. The questionnaire included questions on demographic characteristics and sexual behaviors - sexual history, use of condoms, risk perception, awareness of HIV/AIDS/STIs, incidence of STI symptoms, participation in HIV/AIDS awareness programs and alcohol/drug use. Individual interviews were conducted with each sex worker using the structured questionnaire. Apart from the structured questionnaire, questions related to STI symptoms were asked to the sex workers by a staff nurse to check for the presence of such symptoms in the past or during the survey. The study participants were provided syndromic treatment for STI problems. Blood samples for HIV and syphilis testing and urine sample for Chlamydia trachomatis and Neisseria gonorrhoeae testing were also collected by the clinician and lab technician. Strict confidentiality was maintained throughout the process.

2.7 Study Personnel

The study team comprised of a study advisor, a research coordinator, two core team members, one data analyst, two senior operations executives and field teams.

Three field teams were formed to complete the survey in nine different locations, each team comprising of one supervisor, five interviewers, one staff nurse, one lab technician and one runner.

2.8 Recruitment and Training of Research Team

ACNielsen’s research professionals, in association with the field executives, were responsible for the recruitment of supervisors and interviewers. The recruitment was made from the existing panel of supervisors and interviewers. Candidates having prior experience in similar issues were given preference. A total of three supervisors, 15 interviewers, three staff nurses, three lab technicians and three runners were hired for
the survey. Altogether three field teams were formed, each comprised of one supervisor, five interviewers, one staff nurse, one lab technician and one runner.

A week-long training was organized for all the field researchers/staff. The training focused on introduction to the study, administration of the questionnaire including characteristics of the target groups, methods of approaching the study population, rapport-building techniques and sharing of previous experiences (problems and solutions). Field teams were briefed on the sampling design used in the study and were trained in randomly selecting the FSWs from the selected first stage clusters and ways to replace them should they refuse to participate in the study. In addition, the training session also involved mock interviews, role-plays and class lectures. Role-play practices were carried out to assume the actual field situation. Possible problems that could be faced while approaching the sex workers and ways to overcome such problems were discussed. The training also focused on providing to the research team a clear concept about informed consent, how and whose consent to take, what is a witness and his role in the consent-taking process, pre-test counseling and basic knowledge of HIV/AIDS and STIs.

2.9 Field Operation Procedures

Clinic Set-up

Clinics were set up at nine different locations at Itahari, Lahan, Birtamod, Birgunj, Narayanghat, Butwal, Nepalgunj, Dhangadhi and Mahendranagar in order to cover those areas as outlined by the sampling procedure. These nine centrally located sites were purposely selected, considering the convenience in meeting the study population selected randomly in the sample and in bringing them to the study clinic. Moreover, to assess the changes over the years, seven study clinics were set up at the same sites as in the previous round of the study (2006), while Birtamod and Birgunj sites were added in this round. Each clinic had a lab facility for drawing blood and centrifuging it for separating the serum. There was a separate room for each activity, including administration of the questionnaire.

There were five to six rooms in each clinic. There were refrigerators at all the sites to maintain the cold chain. It was also ensured that all the sites had power backup facility. However, in case there were still power problems, the samples were transported to the local VCT for storage. The ACNielsen field staff had already built a relationship with all the concerned VCTs and had communicated to them about the help and support solicited from their side while carrying out the study.

Clinical Procedures

All the participants were offered clinical examination as an incentive to participate in the study. The clinical examination included a simple health check-up such as measurement of the blood pressure, body temperature, weight, pulse, and symptomatic examination for STI with syndromic treatment. The participants were asked whether they had STI symptoms such as genital discharge, ulcers or lower abdominal pain, and those who had were given syndromic treatment according to the national guidelines. Other over-the-counter medicines such as para-cetamol, alkalizing agents and vitamins were given as required. Urine specimens were collected to test for Chlamydia trachomatis and Neisseria gonorrhoeae. Furthermore, external genital examination was complemented with a speculum examination.
Laboratory Methods

Screening for HIV antibodies:
HIV antibody screening was performed using the serial testing approach. All the serum samples were tested using Determine HIV-1/2 as the first test. All the negative samples by the first test were recorded as negative. All serum samples that tested positive in the first test were retested using Uni-Gold as a second test. If the second test was also positive, the test was recorded as positive. If the test result was positive by the first test and negative by the second test, the sample was retested by a third tie-breaker test SD-Bioline. If the third test was positive, the test result was recorded as positive, and if negative, it was recorded as negative. The testing protocol is based on the National VCT Guidelines of Nepal revised by the NCASC in 2007.

Screening for syphilis:
All the serum samples were tested for syphilis infection using the BD.. Micro-Vue RPR card test. All the samples that tested negative for RPR were recorded as negative. All the positive samples for RPR were retested with serial serum dilution up to 64 times, and the test result was recorded with the dilution factor. All the RPR positive serums were also tested by the Treponema Pallidum Particle Agglutination (TPPA) test using Serodia TPPA as a confirmatory test. On the basis of the titre of RPR, all the specimens with RPR/TPHA positive results were divided into two categories.

- TPPA positive with RPR-ve or RPR +ve with titre < 1:8 were categorized as “history of syphilis or past syphilis”.
- TPPA positive with RPR+ve with titre 1:8 or greater were categorized as “current syphilis” requiring immediate treatment.

PCR was performed for the detection of Neisseria gonorrhoeae and Chlamydia trachomatis among the study population. The urine specimen was tested at the National Reference Laboratory in Kathmandu.

Storage and Transportation of Samples

Blood samples for the HIV/syphilis test were collected from each of the study participants using a 5ml disposable syringe. Serum samples were separated from the collected blood samples and stored in a fridge in the field. The specimens were handed over to the SACTS lab in Kathmandu twice a week in a cold box. The serum samples were stored in the SACTS laboratory at a temperature of -12 to -20°C. The urine samples were handed over to the National Reference Laboratory in Kathmandu twice a week where they were stored at room temperature. Two separate cold boxes were used to transport blood and urine samples from the field to Kathmandu.

2.10 Quality Control
Quality control was maintained throughout the stages of collecting the specimen, its handling and testing. All the tests were performed using internal controls. These controls were recorded with all the laboratory data. Of the total serum collected, 10 percent of the sample was submitted for quality control assurance to the National Public Health Laboratory (NPHL) for conducting the EQA test. The same test kit and testing principles were used for the EQA test also. The quality control samples were given a separate code number to ensure that the person who performed the quality control had no access to the test results.
2.11 Coordination and Monitoring

This IBBS was conducted under the National HIV Surveillance Plan of the National Center for AIDS and STD Control. The study was approved by the NCASC as a surveillance study. ACNielsen was responsible for the overall coordination in implementing the study. SACTS was responsible for setting up the field clinic and performing the laboratory and clinical part of the study, including collecting, storing and testing samples for HIV and syphilis. Similarly, NRL conducted tests for GC and CT from the urine samples collected from the study participants.

The key research team member did the monitoring and supervision of the field activities. ACNielsen study team members visited the field at least once a week to monitor the fieldwork and coordinated with various concerned organizations. Research assistants and field supervisors were responsible on a day-to-day basis to ensure that the study was implemented according to the protocol in the field. Team meetings were held every week to plan ahead and solve any problems in the field. The field supervisors reported to the field executives, core team members or the project coordinator in Kathmandu by telephone whenever necessary. ACNielsen coordinated with FHI to send an appropriate person to the field to deal with any problems reported from the field as and when necessary. In addition, the key research team member made periodic site visits throughout the fieldwork. The key research team members, in conjunction with the regional social research team in Delhi, India were responsible for the overall monitoring. Occasional field visits were made by FHI as well.

2.12 Ethical Issues

Ethical approval was obtained from the Nepal Health Research Council (NHRC), the government's ethical clearance body for health research, which reviewed and approved the protocol, consent forms and questionnaires. Additionally the Protection of Human Subject Committee (PHSC) of Family Health International also reviewed the protocol and consent forms and approved the study.

The participants involved in the in-depth interviews and sample surveys were fully informed about the nature of the study. They knew that their participation was voluntary and that they were free to refuse to answer any question or to withdraw from the interview at any time they wanted. Further, they were also briefed that such withdrawal or refusal would not affect the services they would normally receive from the study sites and other service delivery points. A consent format describing the objectives of the study, the nature of the participant's involvement, the benefits and confidentiality issues was clearly read out to them.

Since names and addresses of the study participants were not mentioned in any document, form and questionnaire, only the ID cards that were provided to the study participants with a unique/specific number identified them. HIV test results were provided to the individual participants in strict confidence if they approached personally with the proper ID issued at the time of study. The study team also maintained the confidentiality of the data collected through the survey.

2.13 HIV/STI Pre- and Post-Test Counseling and Follow-up

After the blood samples were collected, all the study participants were informed about the date, location and place where they could collect the test results. They were also informed that they would be able to collect their test results only after showing the ID card bearing their study number. Pre- and post-HIV/STI test
counseling was provided to the study participants when they returned for the test results. They were briefed about the importance of having the test results for HIV and STI and when and where they could get them with post-test counseling. For follow-up services, the study participants were referred to the Nepal National Social Welfare Association (Mahendranagar), IHS (Dhangadhi), Nepal STD and AIDS Research Center (Nepalgunj), General Welfare Pratisthan (Birgunj), Indreni Sewa Samaj (Lahan), Dang Plus (Dang), Rural Development Foundation (Janakpur), Sahara Nepal (Birtamod), Social Improvement Development Center (Itahari), Women Acting Together for Change (Butwal) and Sahabhagi (Narayanghat) counseling centers. Trained HIV/STI counselors distributed the test results.

The study participants had the choice of receiving either the HIV result or the syphilis result or both in written report format. They were well informed about their option during the pre-test counseling.

Post-test counseling and individual report dissemination were completed between March 22, 2009 and May 20, 2009. The respondents were requested to collect their test results within the specified period. Test results were provided by trained counselors at different VCT centers and the study centers at the study sites. Test results were provided by the same organizations assigned for follow-up service.

2.14 Control of Duplication

As the respondents were selected randomly from the clusters selected in the first stage, principally there was little chance of duplication in the sample. However, to avoid repeated interviews, if any, with the same respondent, several questions were asked to the participant to see if it was the first time she was participating in the study. Such questions included queries relating to her experience of undergoing any blood test, part of the body from where the blood was taken, her experience of undergoing the HIV test or test for other diseases, meeting with the peer educators for the blood test, and possession of an ID card with a study number.

2.15 Data Processing and Analysis

All filled-in questionnaires were brought to ACNielsen's Kathmandu Office for scrutiny and coding before data compilation and analyses. Before data entry, the schedules were edited for consistency, accuracy and logic. In order to complete the data scrutiny of filled-in quantitative forms, coding personnel and coding supervisors were recruited. All coders and supervisors were trained on the study objectives. The core research team members supervised the entire scrutiny operation to ensure quality output, and, accordingly, the tables were generated using Quantum software.

The entire data management and analysis operations were conducted using ACNielsen's in-house hardware and software facilities. A data entry program was prepared using CSPro with built-in checks (range checks, consistency checks and validation checks). There was also a double data entry system for each schedule to oversee correct data entry.

Statistical package, SPSS, was used to generate the univariate and bivariate tables. Appropriate analysis and tables were generated after finalizing with FHI. Confidence intervals were also generated with frequency distribution.
Altogether 600 female sex workers (FSWs) participated in the study. Among them, 400 were recruited from six sites representing 16 districts between Jhapa in the eastern region and Rupandehi in the western region along the highway in the terai, while 200 were recruited from three sites representing six districts between Kapilvastu in the western and Kanchanpur in the far western regions.

Of the 600 FSWs randomly selected for the sample, 79.4% were approached/contacted directly by the research team members, 3% through known FSWs of the locality, 17.1% through Peer Educators of various organizations and 0.5% through the outreach educator from the Red Cross.

This chapter describes the background characteristics, sexual behavior of the FSWs and condom use behavior among them. Moreover, knowledge about HIV and STI, symptoms of STIs and exposure to the HIV programs are also analyzed. For all the key study parameters, the analysis is presented separately for the FSWs in the 16 districts between Jhapa and Rupandehi and six districts between Kapilvastu and Kanchanpur.

3.1 Socio-Demographic Characteristics

The FSWs recruited for the study are from the terai belt spanning all the five development regions of Nepal (Eastern, Central, Western, Mid-Western and Far-Western). Out of the 600 FSWs in the sample, 30.8 percent were from eastern terai, 24.2 percent from central terai, 16 percent from western terai, 17.2 percent from mid-western terai and 13.8 percent from far western terai (Table 1).

<table>
<thead>
<tr>
<th>Current Places of Residence of Female Sex Workers</th>
<th>Percentage (N=600)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eastern Terai</td>
<td>30.8</td>
</tr>
<tr>
<td>Central Terai</td>
<td>24.2</td>
</tr>
<tr>
<td>Western Terai</td>
<td>14</td>
</tr>
<tr>
<td>Mid-western Terai</td>
<td>17.2</td>
</tr>
<tr>
<td>Far-western Terai</td>
<td>13.8</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100.0</strong></td>
</tr>
</tbody>
</table>

The mean age of the FSWs, within a range of 16 to 50 years, was 27.7 years in the 6 districts and 25.8 years in the 16 districts, whereas the mean age of the FSWs was 26.5 years in all the 22 districts. Almost 22 percent of the FSWs reported to be less than 20 years. About 52 percent of the FSWs were illiterate or had no formal schooling and only 6 percent had completed their education up to SLC or above. More than half (57.8%) of the FSWs were married, 23.8 percent were never married, 12.8 percent were separated and 6.2 percent were widowed. Among the married ones, 28.9 percent said that their husbands had a co-wife (second wife), whereas 63.2 percent were currently living with their husbands or male friends (Table 2).

More than half (58.8%) of the FSWs reported having economically dependent members in the family, with the mean number of dependents being 2.5.

In terms of ethnic/caste group, all major ethnic/caste groups were found to be engaged in this profession. As unveiled by the study population, ethnicity/caste of the sex workers in the 6 districts were as follows: Damai/Sarki/Kami/Sunar:27.5, Chhetri/Thakuri 22.0 percent and Tharu 21.5 percent. Likewise, ethnicity/caste of the FSWs in the 16 districts were as follows: Chhetri/Thakuri 18.3 percent, Magar 12.3 percent and Brahmin 9.3 percent. Other ethnicities/castes of the FSWs are mentioned in Table 2.
Table 2: Socio-Demographic Characteristics of Female Sex Workers

<table>
<thead>
<tr>
<th>Demographic Characteristics</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N = 200</td>
<td>N = 400</td>
<td>N = 600</td>
</tr>
<tr>
<td></td>
<td>%</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>Age of respondent</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15-19 yrs</td>
<td>33</td>
<td>16.5</td>
<td>98</td>
</tr>
<tr>
<td>20-24 yrs</td>
<td>44</td>
<td>22.0</td>
<td>86</td>
</tr>
<tr>
<td>25-29 yrs</td>
<td>43</td>
<td>21.5</td>
<td>101</td>
</tr>
<tr>
<td>30-34 yrs</td>
<td>41</td>
<td>20.5</td>
<td>49</td>
</tr>
<tr>
<td>35-39 yrs</td>
<td>19</td>
<td>9.5</td>
<td>45</td>
</tr>
<tr>
<td>40 yrs and above</td>
<td>20</td>
<td>10.0</td>
<td>21</td>
</tr>
<tr>
<td>Mean Age</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Age</td>
<td>200</td>
<td>100.0</td>
<td>400</td>
</tr>
<tr>
<td>Education</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Illiterate</td>
<td>79</td>
<td>39.5</td>
<td>147</td>
</tr>
<tr>
<td>Literate, no schooling</td>
<td>32</td>
<td>16.0</td>
<td>52</td>
</tr>
<tr>
<td>Grade 1-5</td>
<td>38</td>
<td>19.0</td>
<td>85</td>
</tr>
<tr>
<td>Grade 6-9</td>
<td>43</td>
<td>21.5</td>
<td>88</td>
</tr>
<tr>
<td>SLC and Above</td>
<td>8</td>
<td>4.0</td>
<td>28</td>
</tr>
<tr>
<td>Total Education</td>
<td>200</td>
<td>100.0</td>
<td>400</td>
</tr>
<tr>
<td>Ethnic/Caste Group</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chhetri/Thakuri</td>
<td>44</td>
<td>22.0</td>
<td>73</td>
</tr>
<tr>
<td>Tharu</td>
<td>43</td>
<td>21.5</td>
<td>16</td>
</tr>
<tr>
<td>Terai Castes</td>
<td>4</td>
<td>2.0</td>
<td>31</td>
</tr>
<tr>
<td>Damai/Sarki/Kami/Sunar</td>
<td>55</td>
<td>27.5</td>
<td>30</td>
</tr>
<tr>
<td>Magar</td>
<td>12</td>
<td>6.0</td>
<td>49</td>
</tr>
<tr>
<td>Brahmin</td>
<td>17</td>
<td>8.5</td>
<td>37</td>
</tr>
<tr>
<td>Tamang</td>
<td>1</td>
<td>0.5</td>
<td>27</td>
</tr>
<tr>
<td>Newar</td>
<td>1</td>
<td>0.5</td>
<td>26</td>
</tr>
<tr>
<td>Rai/Limbu</td>
<td>0</td>
<td>0.0</td>
<td>32</td>
</tr>
<tr>
<td>Gurung</td>
<td>4</td>
<td>2.0</td>
<td>13</td>
</tr>
<tr>
<td>Others* (Dalit, Teli, Majhi, Sunuwar, etc.)</td>
<td>6</td>
<td>3.0</td>
<td>33</td>
</tr>
<tr>
<td>Total Ethnic/Caste Group</td>
<td>200</td>
<td>100.0</td>
<td>400</td>
</tr>
<tr>
<td>Marital Status</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Married</td>
<td>109</td>
<td>54.5</td>
<td>231</td>
</tr>
<tr>
<td>Divorced/Separated</td>
<td>51</td>
<td>25.5</td>
<td>51</td>
</tr>
<tr>
<td>Widowed</td>
<td>14</td>
<td>7.0</td>
<td>23</td>
</tr>
<tr>
<td>Never Married</td>
<td>26</td>
<td>13.0</td>
<td>95</td>
</tr>
<tr>
<td>Husband Has Co-wife</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>16</td>
<td>14.7</td>
<td>62</td>
</tr>
<tr>
<td>No</td>
<td>93</td>
<td>85.3</td>
<td>169</td>
</tr>
<tr>
<td>Total</td>
<td>109</td>
<td>100.0</td>
<td>231</td>
</tr>
</tbody>
</table>
Table 2: Con'td…

<table>
<thead>
<tr>
<th>Demographic Characteristics</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
</table>
|                                                            | N = 200     | N = 400      | N = 600               |%
|                                                            |             | %            | %                     |
| Living Status of FSW                                      |             |              |                       |
| Currently married FSWs living with husband/male friend     | 82          | 161          | 230                   | 67          | 63.2   | 64.4  |
| Unmarried sex workers living with male friend             | 7           | 15           | 24                    | 7.1         | 5.8    | 6.3   |
| Dependents on Sex Workers’ Income                         |             |              |                       |
| Yes                                                        | 160         | 235          | 395                   | 80.0        | 58.8   | 65.8  |
| No                                                         | 40          | 165          | 205                   | 20.0        | 41.3   | 34.2  |
| Total                                                      | 200         | 400          | 600                   | 100.0       | 100.0  | 100.0 |
| Total Number of Dependents (Adults + Children)            |             |              |                       |
| One                                                       | 28          | 55           | 83                    | 17.5        | 23.4   | 21.0  |
| 2 - 3                                                     | 93          | 133          | 226                   | 58.1        | 56.6   | 57.2  |
| 4 and more                                                | 39          | 47           | 86                    | 24.4        | 20.0   | 21.8  |
| Total                                                     | 160         | 235          | 395                   | 100.0       | 100.0  | 100.0 |

More than half (56.7%) of the study population was married (Table 2). The proportion of divorced/separated FSWs was high in the 6 districts as compared to the 16 districts. Altogether 25.5 percent of the sex workers in the 6 districts were divorced/separated, whereas only 12.8 percent of the sex workers were divorced/separated in the 16 districts (Table 2).

The average age at which the FSWs were married for the first time was 16 years while majority of the female sex workers (91.6 percent) were married before the age of 20. Almost 32 percent of the sex workers were married when they were less than 14 years.

Sex at an early age is the prevalent practice among the FSWs. In the study population, 94.5 percent had sex for the first time before they had reached 20 years. Among them, 31.7 percent reported having their first sexual intercourse at age 9-14. The average age of their first sexual experience was 15.5 years.

The study population has been engaged in selling sex for money or other things for a period ranging from four months to four or more years. The average number of months for which they were exchanging sex for money or other things was 40 months, with 25.7 percent of them carrying out sex work for less than a year, indicating a high turnover of sex workers in this profession. Among the respondents, 21 percent from the 6 districts and 28 percent from the 16 districts had joined the profession in the last six to 12 months only (Table 3). As per the study criteria set for the study population, those sex workers involved in the profession for less than six months were not interviewed.

The study revealed that the FSWs moved from one place to another in the course of their work. They moved for various reasons, such as to hide their identity as sex
workers, to find a better sex market and to avoid being apprehended by the police during raids. Slightly less than one-fourth of the sex workers said that they had been living there for four or more years. Among the respondents, 25.2 percent had been working as sex workers in and around the interview sites since the last 7-12 months (Table 3).

Almost 18 percent of the sex workers said that they had worked as sex workers elsewhere while 4.2 percent of the sex workers (25/600) reported having worked for some time in India as sex workers (Table 3). Out of the 25 who had worked as sex workers in India, three reported being coerced into going there. Eighty-eight percent of them had worked there for less than a year while the rest had worked longer (Table 3).

Table 3: Sexual Behavior of Female Sex Workers

<table>
<thead>
<tr>
<th>Sexual Behavior</th>
<th>6 Districts N = 200</th>
<th>16 Districts N = 400</th>
<th>Total 22 (Districts) N = 600</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>%</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td><strong>Age at First Marriage</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6 - 14</td>
<td>66 37.9</td>
<td>87 28.5</td>
<td>153 31.9</td>
</tr>
<tr>
<td>15 - 19</td>
<td>97 55.7</td>
<td>189 62.0</td>
<td>286 59.7</td>
</tr>
<tr>
<td>20 - 24</td>
<td>9 5.2</td>
<td>23 7.5</td>
<td>32 6.7</td>
</tr>
<tr>
<td>25 - 33</td>
<td>2 1.1</td>
<td>5 1.6</td>
<td>7 1.5</td>
</tr>
<tr>
<td>33 +</td>
<td>-</td>
<td>1 0.3</td>
<td>1 0.2</td>
</tr>
<tr>
<td>Mean/median age at first marriage</td>
<td>- 15.4</td>
<td>- 16.3</td>
<td>- 16</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>174 100.0</td>
<td>305 100.0</td>
<td>479 100.0</td>
</tr>
<tr>
<td><strong>Age at First Sexual Intercourse</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9 - 14</td>
<td>73 36.5</td>
<td>117 29.3</td>
<td>190 31.7</td>
</tr>
<tr>
<td>15 - 19</td>
<td>116 58.0</td>
<td>261 65.3</td>
<td>377 62.8</td>
</tr>
<tr>
<td>20 - 24</td>
<td>10 5.0</td>
<td>19 4.8</td>
<td>29 4.8</td>
</tr>
<tr>
<td>25 - 28</td>
<td>1 0.5</td>
<td>3 0.8</td>
<td>4 0.7</td>
</tr>
<tr>
<td>Mean/median age at first sex</td>
<td>- 15.3</td>
<td>- 15.6</td>
<td>- 15.5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>200 100.0</td>
<td>400 100.0</td>
<td>600 100.0</td>
</tr>
<tr>
<td><strong>Duration of Sexual Exchange for Money</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6 - 12 months</td>
<td>42 21.0</td>
<td>112 28.0</td>
<td>154 25.7</td>
</tr>
<tr>
<td>13 - 24 months</td>
<td>43 21.5</td>
<td>114 28.5</td>
<td>157 26.2</td>
</tr>
<tr>
<td>25 - 36 months</td>
<td>37 18.5</td>
<td>64 16.0</td>
<td>101 16.8</td>
</tr>
<tr>
<td>37- 48 months</td>
<td>20 10.0</td>
<td>21 5.3</td>
<td>41 6.8</td>
</tr>
<tr>
<td>More than 48 months</td>
<td>58 29.0</td>
<td>89 22.3</td>
<td>147 24.5</td>
</tr>
<tr>
<td>Mean months</td>
<td>- 48.46</td>
<td>- 36.33</td>
<td>- 40.36</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>200 100.0</td>
<td>400 100.0</td>
<td>600 100.0</td>
</tr>
<tr>
<td><strong>Working as a Sex Worker from the Interview Location</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Up to 6 months</td>
<td>5 2.5</td>
<td>26 6.5</td>
<td>31 5.2</td>
</tr>
<tr>
<td>7 - 12 months</td>
<td>43 21.5</td>
<td>108 27.0</td>
<td>151 25.2</td>
</tr>
<tr>
<td>13 - 24 months</td>
<td>44 22.0</td>
<td>111 27.8</td>
<td>155 25.8</td>
</tr>
<tr>
<td>25 - 36 months</td>
<td>36 18.0</td>
<td>56 14.0</td>
<td>92 15.3</td>
</tr>
<tr>
<td>37 - 48 months</td>
<td>17 8.5</td>
<td>15 3.8</td>
<td>32 5.3</td>
</tr>
<tr>
<td>More than 48 months</td>
<td>55 27.5</td>
<td>84 21.0</td>
<td>139 23.2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>200 100.0</td>
<td>400 100.0</td>
<td>600 100.0</td>
</tr>
</tbody>
</table>
### Table 3: Cont’d…

<table>
<thead>
<tr>
<th>Sexual Behavior</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N = 200 %</td>
<td>N = 400 %</td>
<td>N = 600 %</td>
</tr>
<tr>
<td>Ever Worked as a Sex Worker in Other Places</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>45 22.5</td>
<td>62 15.5</td>
<td>107 17.8</td>
</tr>
<tr>
<td>No</td>
<td>155 77.5</td>
<td>338 84.5</td>
<td>493 82.2</td>
</tr>
<tr>
<td>Total</td>
<td>200 100.0</td>
<td>400 100.0</td>
<td>600 100.0</td>
</tr>
<tr>
<td>Worked in India as a Sex Worker</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>18 9.0</td>
<td>7 1.8</td>
<td>25 4.2</td>
</tr>
<tr>
<td>No</td>
<td>182 91.0</td>
<td>393 98.3</td>
<td>575 95.8</td>
</tr>
<tr>
<td>Total</td>
<td>200 100.0</td>
<td>400 100.0</td>
<td>600 100.0</td>
</tr>
<tr>
<td>Coerced or Voluntarily Went to India</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coerced</td>
<td>1 0.5</td>
<td>2 0.5</td>
<td>3 0.5</td>
</tr>
<tr>
<td>Went on one’s own</td>
<td>17 8.5</td>
<td>5 1.3</td>
<td>22 3.7</td>
</tr>
<tr>
<td>Total</td>
<td>200 100.0</td>
<td>400 100.0</td>
<td>600 100.0</td>
</tr>
<tr>
<td>Duration of Sexual Exchange for Money in India</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Up to 6 months</td>
<td>12 66.7</td>
<td>4 57.1</td>
<td>16 64.0</td>
</tr>
<tr>
<td>7-12 months</td>
<td>4 22.2</td>
<td>2 28.6</td>
<td>6 24.0</td>
</tr>
<tr>
<td>13-24 months</td>
<td>2 11.1</td>
<td>-</td>
<td>2 8.0</td>
</tr>
<tr>
<td>More than 24 months</td>
<td>-</td>
<td>1 14.3</td>
<td>1 4.0</td>
</tr>
<tr>
<td>Total</td>
<td>18 100.0</td>
<td>7 100.0</td>
<td>25 100.0</td>
</tr>
</tbody>
</table>

### 3.2 HIV/STI Prevalence among Female Sex Workers

Among the 600 FSWs who participated in the study by providing blood and urine samples, 2.3 percent (14/600) were found to be HIV positive. They comprised 3 percent (6/400) of the respondents in the 6 districts and 2 percent (8/400) in the 16 districts. Overall, 3.5 percent (22/600) of the FSWs were found to be currently infected with syphilis. There is also no statistical difference in the current prevalence of syphilis between the FSWs in the 16- and 6-district samples. Altogether 1.8 percent of the respondents had a history of syphilis. The prevalence of gonorrhea among the FSWs was 1.5 percent (9/600) and a slightly higher percentage (8.3% or 50/600) had chlamydia. The prevalence of gonorrhea and chlamydia in the 6 districts was 1 percent and 5.5 percent respectively, whereas in the 16 districts, the figures were 1.8 percent and 9.8 percent respectively.

### Table 4: HIV and STI Prevalence among Female Sex Workers

<table>
<thead>
<tr>
<th>HIV/STI Prevalence</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N = 200 %</td>
<td>N = 400 %</td>
<td>N = 600 %</td>
</tr>
<tr>
<td>HIV</td>
<td>6 3.0</td>
<td>8 2.0</td>
<td>14 2.3</td>
</tr>
<tr>
<td>Current syphilis</td>
<td>6 3.0</td>
<td>15 3.8</td>
<td>21 3.5</td>
</tr>
<tr>
<td>Syphilis history</td>
<td>3 1.5</td>
<td>11 2.8</td>
<td>14 2.3</td>
</tr>
<tr>
<td>Gonorrhea</td>
<td>2 1.0</td>
<td>7 1.8</td>
<td>9 1.5</td>
</tr>
<tr>
<td>Chlamydia</td>
<td>11 5.5</td>
<td>39 9.8</td>
<td>50 8.3</td>
</tr>
<tr>
<td>Any of the above STI</td>
<td>24 12.0</td>
<td>65 16.3</td>
<td>89 14.8</td>
</tr>
</tbody>
</table>

*Note: Syphilis history is not included in any of the above STIs.

* denotes the significant difference (p < .05) between the values of the 6 districts and the 16 districts.*
3.3 Sex Workers, their Clients and Other Sex Partners

3.2.1 Sex Workers and their Clients

The number of paying clients that a FSW serves per day in general ranges from one to four or more, with a mean of 1.9 clients per day. Majority of the FSWs (96.8%) reported that they entertained 1 to 4 clients per day (Table 5).

The FSWs were also asked about the number of clients they served on the previous day of the interview, during the one week preceding the survey and on the last day that they had sexual contact. The number of clients served by them on the previous day of the interview ranged from zero to more than four. It was found that majority (53.2%) of the study population had provided services to one or two clients, and 10 percent had sexual contact with three or more clients on the previous day of the interview. It was also reported that almost 37 percent of the FSWs had not seen any client on the previous day of the interview. The mean number of clients served on the previous day of the interview was 1.7.

Altogether 33.7 percent of the sex workers had provided sexual services to 3-4 clients in the past one week of this study, while 29.3 percent had entertained 5-10 clients in the week preceding the survey. The mean number of clients entertained by the sex workers in the past one week was 6.4 (Table 5).

An overwhelming majority of the FSWs (81.8) reported that they worked four to seven days a week as a sex worker (table 5). The FSWs carried out their profession for 5.3 days on average a week.

Table 5: Number of Clients Reported by Female Sex Workers

<table>
<thead>
<tr>
<th>Number of Clients of Sex Workers</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N = 200</td>
<td>%</td>
<td>N = 400</td>
</tr>
<tr>
<td><strong>Average Number of Clients Per Day</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 - 2</td>
<td>161</td>
<td>80.5</td>
<td>300</td>
</tr>
<tr>
<td>3 - 4</td>
<td>34</td>
<td>17.0</td>
<td>86</td>
</tr>
<tr>
<td>More than 4</td>
<td>5</td>
<td>2.5</td>
<td>14</td>
</tr>
<tr>
<td>Mean clients per day</td>
<td>1.8</td>
<td></td>
<td>2.0</td>
</tr>
<tr>
<td><strong>Number of Clients on the Previous Day</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>None</td>
<td>113</td>
<td>56.5</td>
<td>108</td>
</tr>
<tr>
<td>1 - 2</td>
<td>68</td>
<td>34.0</td>
<td>251</td>
</tr>
<tr>
<td>3 - 4</td>
<td>16</td>
<td>8.0</td>
<td>33</td>
</tr>
<tr>
<td>More than 4</td>
<td>3</td>
<td>1.5</td>
<td>8</td>
</tr>
<tr>
<td>Mean number of clients on the previous day</td>
<td>2.0</td>
<td></td>
<td>1.6</td>
</tr>
<tr>
<td><strong>Number of Clients in the Past Week</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>None</td>
<td>11</td>
<td>5.5</td>
<td>-</td>
</tr>
<tr>
<td>1 - 2</td>
<td>61</td>
<td>30.5</td>
<td>70</td>
</tr>
<tr>
<td>3 - 4</td>
<td>36</td>
<td>18.0</td>
<td>166</td>
</tr>
<tr>
<td>5 -10</td>
<td>66</td>
<td>33.0</td>
<td>110</td>
</tr>
<tr>
<td>More than 10</td>
<td>26</td>
<td>13.0</td>
<td>54</td>
</tr>
<tr>
<td>Mean number of clients in the past week</td>
<td>6.2</td>
<td></td>
<td>6.4</td>
</tr>
</tbody>
</table>
Table 5: Con’td…

<table>
<thead>
<tr>
<th>Number of Clients of Sex Workers</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N = 200</td>
<td>%</td>
<td>N = 400</td>
</tr>
<tr>
<td>Time of Last Sexual Contact</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>On the day of interview</td>
<td>7</td>
<td>3.5</td>
<td>19</td>
</tr>
<tr>
<td>1 - 2 days before</td>
<td>121</td>
<td>60.5</td>
<td>343</td>
</tr>
<tr>
<td>3 - 5 days before</td>
<td>56</td>
<td>28.0</td>
<td>38</td>
</tr>
<tr>
<td>6 and more days before</td>
<td>16</td>
<td>8.0</td>
<td>-</td>
</tr>
<tr>
<td>Number of Clients on the Day</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>of Last Sexual Contact</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>118</td>
<td>59.0</td>
<td>302</td>
</tr>
<tr>
<td>2</td>
<td>58</td>
<td>29.0</td>
<td>59</td>
</tr>
<tr>
<td>3</td>
<td>17</td>
<td>8.5</td>
<td>24</td>
</tr>
<tr>
<td>4 and more</td>
<td>7</td>
<td>3.5</td>
<td>15</td>
</tr>
<tr>
<td>Mean number of clients on that</td>
<td>1.6</td>
<td></td>
<td>1.4</td>
</tr>
<tr>
<td>day</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Average Number of Days Worked</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>in a Week</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>16</td>
<td>1</td>
<td>17</td>
</tr>
<tr>
<td>2</td>
<td>25</td>
<td>17</td>
<td>42</td>
</tr>
<tr>
<td>3</td>
<td>18</td>
<td>32</td>
<td>50</td>
</tr>
<tr>
<td>4 - 7 days</td>
<td>141</td>
<td>350</td>
<td>491</td>
</tr>
<tr>
<td>Mean number of days worked in</td>
<td>4.5</td>
<td></td>
<td>5.6</td>
</tr>
<tr>
<td>a week</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3.2.2 Types of Clients

Professionwise, the six most cited clients of the sex workers were transport workers/drivers, businessmen, service holders, policemen, industrial/wage workers and soldiers/army personnel. Among them, transport workers were reported to be the most frequent clients - 57.7 percent. Likewise, businessmen, service holders, policemen, industrial/wage workers and soldiers/army men were reported to be 33%, 29.3%, 27%, 22% and 21.5% of the total clientele, respectively.

When asked about the occupation of the last client, the FSWs named the familiar list of frequenting clients, although their ranking varied slightly. For instance, “transport workers/drivers” topped their list of last client, but the position of the other occupations differed (Table 6).
### Table 6: Types of Clients Reported by Female Sex Workers

<table>
<thead>
<tr>
<th>Types of Clients</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N = 200</td>
<td>N = 400</td>
<td>N = 600</td>
</tr>
<tr>
<td><strong>Occupation of Most Frequent Clients</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transport worker</td>
<td>84</td>
<td>262</td>
<td>346</td>
</tr>
<tr>
<td>Businessman</td>
<td>53</td>
<td>145</td>
<td>198</td>
</tr>
<tr>
<td>Service holder</td>
<td>66</td>
<td>110</td>
<td>176</td>
</tr>
<tr>
<td>Police</td>
<td>50</td>
<td>111</td>
<td>161</td>
</tr>
<tr>
<td>Industrial/wage worker</td>
<td>48</td>
<td>84</td>
<td>132</td>
</tr>
<tr>
<td>Soldier/army personnel</td>
<td>53</td>
<td>76</td>
<td>129</td>
</tr>
<tr>
<td>Contractor</td>
<td>24</td>
<td>68</td>
<td>92</td>
</tr>
<tr>
<td>Foreigner (Indian and other nationals)</td>
<td>19</td>
<td>73</td>
<td>92</td>
</tr>
<tr>
<td>Rickshawala</td>
<td>12</td>
<td>64</td>
<td>76</td>
</tr>
<tr>
<td>Farmer</td>
<td>25</td>
<td>21</td>
<td>46</td>
</tr>
<tr>
<td>Mobile businessman</td>
<td>10</td>
<td>31</td>
<td>41</td>
</tr>
<tr>
<td>Student</td>
<td>13</td>
<td>22</td>
<td>35</td>
</tr>
<tr>
<td>Others</td>
<td>9</td>
<td>34</td>
<td>43</td>
</tr>
<tr>
<td><strong>Occupation of Last Client</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transport worker</td>
<td>31</td>
<td>103</td>
<td>134</td>
</tr>
<tr>
<td>Businessman</td>
<td>27</td>
<td>65</td>
<td>92</td>
</tr>
<tr>
<td>Service holder</td>
<td>23</td>
<td>40</td>
<td>63</td>
</tr>
<tr>
<td>Soldier/army personnel</td>
<td>19</td>
<td>21</td>
<td>40</td>
</tr>
<tr>
<td>Police</td>
<td>15</td>
<td>24</td>
<td>39</td>
</tr>
<tr>
<td>Industrial/wage worker</td>
<td>13</td>
<td>26</td>
<td>39</td>
</tr>
<tr>
<td>Foreigner (Indian and other nationals)</td>
<td>7</td>
<td>26</td>
<td>33</td>
</tr>
<tr>
<td>Rickshawala</td>
<td>3</td>
<td>27</td>
<td>30</td>
</tr>
<tr>
<td>Contractor</td>
<td>10</td>
<td>18</td>
<td>28</td>
</tr>
<tr>
<td>Mobile businessman</td>
<td>11</td>
<td>13</td>
<td>24</td>
</tr>
<tr>
<td>Farmer</td>
<td>13</td>
<td>10</td>
<td>23</td>
</tr>
<tr>
<td>Student</td>
<td>8</td>
<td>6</td>
<td>14</td>
</tr>
<tr>
<td>Others</td>
<td>7</td>
<td>13</td>
<td>20</td>
</tr>
<tr>
<td>Don’t know</td>
<td>13</td>
<td>8</td>
<td>21</td>
</tr>
</tbody>
</table>

*Note: The percentages add up to more than 100 because of multiple responses.

#### 3.2.3 Sex Workers and their Paying/Non-paying Sex Partners

The risk of transmission of sexual infection depends largely on the number of sex partners. This section provides additional information on the number of paying and non-paying partners of the FSWs. Non-paying partners included the husband, boyfriends and regular partners who did not pay them for sex. Some 32.8 percent of the sex workers had 3-4 paying sex partners in the week preceding the survey. About 13 percent of the sex workers had more than 10 paying sex partners during the week preceding the survey. The mean number of paying partners in the past week was 5.82.

About 49 percent of the sex workers had non-paying sex partners with a minimum of one to a maximum of five or more. The mean number of non-paying partners entertained by the sex workers in the week preceding the survey was 1.24 (Table 7).
The mean number of both paying and non-paying sex partners in the previous week was 6.35 with 36.2 percent of the sex workers serving 3-4 clients during the period.

### Table 7: Sex Partners of Female Sex Workers

<table>
<thead>
<tr>
<th>Sex Partners of Sex Workers</th>
<th>2009</th>
<th>2009</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Districts</td>
<td>Districts</td>
<td>(Districts)</td>
</tr>
<tr>
<td></td>
<td>N =</td>
<td>N =</td>
<td>N =</td>
</tr>
<tr>
<td></td>
<td>200</td>
<td>400</td>
<td>600</td>
</tr>
<tr>
<td>No. of Paying Sex Partners in the Past Week</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>None</td>
<td>15</td>
<td>-</td>
<td>15</td>
</tr>
<tr>
<td>1 - 2</td>
<td>64</td>
<td>76</td>
<td>19</td>
</tr>
<tr>
<td>3 - 4</td>
<td>34</td>
<td>163</td>
<td>40.8</td>
</tr>
<tr>
<td>5 - 6</td>
<td>33</td>
<td>63</td>
<td>15.8</td>
</tr>
<tr>
<td>7 - 10</td>
<td>30</td>
<td>46</td>
<td>11.5</td>
</tr>
<tr>
<td>More than 10</td>
<td>24</td>
<td>52</td>
<td>13</td>
</tr>
<tr>
<td>Mean (paying partners in the past week)</td>
<td>5.8</td>
<td>5.8</td>
<td>5.8</td>
</tr>
<tr>
<td>No. of Non-paying Sex Partners in the Past Week</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>None</td>
<td>103</td>
<td>203</td>
<td>306</td>
</tr>
<tr>
<td>1 - 2</td>
<td>88</td>
<td>190</td>
<td>47.5</td>
</tr>
<tr>
<td>3 - 4</td>
<td>8</td>
<td>6</td>
<td>1.5</td>
</tr>
<tr>
<td>More than five</td>
<td>1</td>
<td>1</td>
<td>0.3</td>
</tr>
<tr>
<td>Mean (non-paying partners in the past week):</td>
<td>1.39</td>
<td>1.17</td>
<td>1.24</td>
</tr>
<tr>
<td>No. of Paying and Non-paying Sex Partners in the Past Week</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>None</td>
<td>6</td>
<td>-</td>
<td>6</td>
</tr>
<tr>
<td>1 – 2</td>
<td>57</td>
<td>31</td>
<td>7.8</td>
</tr>
<tr>
<td>3 – 4</td>
<td>41</td>
<td>176</td>
<td>44.0</td>
</tr>
<tr>
<td>5 – 10</td>
<td>66</td>
<td>131</td>
<td>32.8</td>
</tr>
<tr>
<td>More than 10</td>
<td>30</td>
<td>62</td>
<td>15.5</td>
</tr>
<tr>
<td>Mean (paying and non-paying sex partners in the past week)</td>
<td>-</td>
<td>6.21</td>
<td>-</td>
</tr>
</tbody>
</table>

### 3.4 Types of Sex Practiced by Sex Workers

Different types of violence against sex workers are common in the society. Such violence, including forced sex, puts sex workers at higher risk of contracting STIs/HIV. In this study, the sex workers were asked if they ever faced situations such as forced sex or demand for sexual acts in which they were unwilling to participate. It was reported that 33.5 percent of the sex workers in the 6 districts and 19.5 percent in the 16 districts had been subjected to forced sex by their clients in the past year. Some of the sex workers reported having performed sex other than vaginal with the different partners in the year preceding the survey. One-fourth (26.3%) of the respondents also reported that they had encountered clients who refused to pay for sexual services on at least one occasion (Table 7). Such cases were reported to be higher in the 6 districts (37.5 %) as compared to the other 16 districts (20.8%). The mean number of such incidents in the past six months for the entire survey group was 4.8.
The sex workers were further asked if they had been forced by their clients to perform any sexual acts that they disliked in the past one year. A total of 158 (26.2%) sex workers replied positively. It was also revealed that masturbation (44.3% or 70/158) followed by oral sex (24.1% or 38/158) and anal sex (23.4% or 37/158) were reported as types of sexual acts that they were forced to perform despite their unwillingness to do so in the past one year. Also, 42.4 percent of the sex workers reported that their clients ran away without paying in the past one year. Majority of the sex workers (62.3%) in the 6 districts reported clients running away without paying as the activity they disliked most. Almost 28 percent of the entire survey group had also been subjected to physical assault in the past one year (Table 8).

<table>
<thead>
<tr>
<th>Table 8: Types of Sex Practiced by Female Sex Workers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of Sex</td>
</tr>
<tr>
<td>6 Districts</td>
</tr>
<tr>
<td>16 Districts</td>
</tr>
<tr>
<td>Total 22 (Districts)</td>
</tr>
<tr>
<td>N = 200</td>
</tr>
<tr>
<td>------------------------------------------------------</td>
</tr>
<tr>
<td>Any Partner Forcibly Demanded Sex in the Past Year</td>
</tr>
<tr>
<td>Yes 67 33.5 78 19.5 145 24.2</td>
</tr>
<tr>
<td>No 133 66.5 322 80.5 455 75.8</td>
</tr>
<tr>
<td>Total 200 100.0 400 100.0 600 100.0</td>
</tr>
<tr>
<td>Types of Sex Acts in the Past Year</td>
</tr>
<tr>
<td>Oral Sex 30 15.0 41 10.3 71 11.8</td>
</tr>
<tr>
<td>Anal Sex 22 11.0 44 11.0 66 11.0</td>
</tr>
<tr>
<td>Masturbation 54 27.0 177 44.3 231 38.5</td>
</tr>
<tr>
<td>Only Vaginal 138 69.0 211 52.8 349 58.2</td>
</tr>
<tr>
<td>Total 200 * 400 * 600 *</td>
</tr>
<tr>
<td>Clients Refusing to Pay for Sexual Services</td>
</tr>
<tr>
<td>Yes 75 37.5 83 20.8 158 26.3</td>
</tr>
<tr>
<td>No 125 62.5 317 79.3 442 73.7</td>
</tr>
<tr>
<td>Mean No. of such incidences in past six months</td>
</tr>
<tr>
<td>3.8 5.7 4.8</td>
</tr>
<tr>
<td>Total 200 100.0 400 100.0 600 100.0</td>
</tr>
<tr>
<td>Clients Performing Activities that FSWs Disliked in the Past Year</td>
</tr>
<tr>
<td>Yes 69 34.5 89 22.3 158 26.3</td>
</tr>
<tr>
<td>No 131 65.5 311 77.8 442 73.7</td>
</tr>
<tr>
<td>Total 200 100.0 400 100.0 600 100.0</td>
</tr>
<tr>
<td>Types of Activities Performed by Clients Which FSWs Disliked</td>
</tr>
<tr>
<td>Masturbation 25 36.2 45 50.6 70 44.3</td>
</tr>
<tr>
<td>Ran away without paying 43 62.3 24 27.0 67 42.4</td>
</tr>
<tr>
<td>Forced to have sex after drinking alcohol 21 30.4 35 39.3 56 35.4</td>
</tr>
<tr>
<td>Beaten up 15 21.7 29 32.6 44 27.8</td>
</tr>
<tr>
<td>Used abusive language (bhalu etc.) 15 21.7 26 29.2 41 25.9</td>
</tr>
<tr>
<td>Oral sex 15 21.7 23 25.8 38 24.1</td>
</tr>
<tr>
<td>Anal sex 14 20.3 23 25.8 37 23.4</td>
</tr>
<tr>
<td>Snatched /stole money 3 4.3 11 12.4 14 8.9</td>
</tr>
<tr>
<td>Others 1 1.4 1 1.1 2 1.3</td>
</tr>
<tr>
<td>Total 69 * 89 * 158 *</td>
</tr>
</tbody>
</table>
### Table 8: Cont'd...

<table>
<thead>
<tr>
<th>Type of Sex with Last Client</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N = 200</td>
<td>N = 400</td>
<td>N = 600</td>
</tr>
<tr>
<td></td>
<td>%</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>Masturbation</td>
<td>61</td>
<td>185</td>
<td>246</td>
</tr>
<tr>
<td></td>
<td>30.5</td>
<td>46.3</td>
<td>41.0</td>
</tr>
<tr>
<td>Anal Sex</td>
<td>27</td>
<td>140</td>
<td>169</td>
</tr>
<tr>
<td></td>
<td>13.5</td>
<td>35.0</td>
<td>28.2</td>
</tr>
<tr>
<td>Oral Sex</td>
<td>8</td>
<td>20</td>
<td>28</td>
</tr>
<tr>
<td></td>
<td>4.0</td>
<td>5.0</td>
<td>4.7</td>
</tr>
<tr>
<td>Vaginal Sex</td>
<td>200</td>
<td>400</td>
<td>600</td>
</tr>
<tr>
<td></td>
<td>100.0</td>
<td>100.0</td>
<td>100.0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>200</strong></td>
<td><strong>400</strong></td>
<td><strong>600</strong></td>
</tr>
<tr>
<td>Physically Assaulted by any</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Person for any Reason in the</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Past Year</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>36</td>
<td>61</td>
<td>97</td>
</tr>
<tr>
<td></td>
<td>18.0</td>
<td>15.3</td>
<td>13.1</td>
</tr>
<tr>
<td>No</td>
<td>164</td>
<td>339</td>
<td>503</td>
</tr>
<tr>
<td></td>
<td>82.0</td>
<td>84.8</td>
<td>86.9</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>200</strong></td>
<td><strong>400</strong></td>
<td><strong>600</strong></td>
</tr>
<tr>
<td></td>
<td><strong>100.0</strong></td>
<td><strong>100.0</strong></td>
<td><strong>100.0</strong></td>
</tr>
</tbody>
</table>

*Note: The percentages add up to more than 100 because of multiple responses.*

### 3.5 Income of Sex Workers

The mean income of the sex workers from the last sex with a client was Rs. 482 (among all sex workers) with a minimum of less than Rs. 100 per sex act to a maximum of above Rs. 2000 (Table 9). For the 6 districts, this mean income was reported to be significantly higher as compared to the 16 districts. Such variations in their income could be due to the varying rates of the sex acts charged by the different categories of sex workers (such as street based, restaurant based, disco based, etc.) in the study population. Other reasons could be different rates for married and uneducated sex workers compared to their educated and unmarried counterparts. Both cash and gifts received by the sex workers have been taken into account when calculating the total income from sex work. However, the weekly mean income was reportedly similar for the FSWs in both the 6 and 16-district samples, with an average of Rs. 2534.

The sex workers were also asked if they were engaged in any other job besides sex work. Majority of the sex workers (63.4 %) reported being involved in other jobs as well. Among them, 48 percent in the 6 districts and 71 percent in the 16 districts had other jobs. Among the sex workers, majority of the respondents (27.3%) were working as wage laborers. Although most of the respondents (33.8 %) were working as waitresses in different hotels/restaurants in the 16 districts, only one respondent in the 6 districts was reported to be working as a waitress (Table 9). Other types of jobs performed by the respondents are shown in the table below. The sex workers were earning substantial income from such jobs. The weekly income of the respondents from jobs other than sex work ranged from Rs. 50 to above Rs. 2000 with an average of Rs. 766. Average weekly income from other works is also much higher among the FSWs in the 6 districts compared to the 16_district sample (Rs. 1136 vs Rs. 640).
Table 9: Income from Sex Work and Other Jobs

<table>
<thead>
<tr>
<th>Income from Sex Work and Other Jobs</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td>N = 200</td>
<td>%</td>
<td>N = 400</td>
<td>%</td>
</tr>
<tr>
<td><strong>Income from Last Sex with Client</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Up to Rs. 100</td>
<td>46</td>
<td>23.0</td>
<td>29</td>
</tr>
<tr>
<td>Rs. 101 - Rs. 500</td>
<td>89</td>
<td>44.5</td>
<td>239</td>
</tr>
<tr>
<td>Rs. 501 - Rs. 1,000</td>
<td>31</td>
<td>15.5</td>
<td>91</td>
</tr>
<tr>
<td>Rs. 1001 - Rs. 1,500</td>
<td>14</td>
<td>7.0</td>
<td>28</td>
</tr>
<tr>
<td>Rs. 1501 - Rs. 2,000</td>
<td>8</td>
<td>4.0</td>
<td>11</td>
</tr>
<tr>
<td>Rs. 2000 and above</td>
<td>12</td>
<td>6.0</td>
<td>2</td>
</tr>
<tr>
<td>Mean income from last client: Rs.</td>
<td>-</td>
<td>649</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>200</td>
<td>100.0</td>
<td>400</td>
</tr>
<tr>
<td><strong>Weekly Income from Sex Work</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Up to Rs. 100</td>
<td>1</td>
<td>0.5</td>
<td>1</td>
</tr>
<tr>
<td>Rs. 101 - Rs. 500</td>
<td>32</td>
<td>16.0</td>
<td>43</td>
</tr>
<tr>
<td>Rs. 501 - Rs. 1,000</td>
<td>29</td>
<td>14.5</td>
<td>84</td>
</tr>
<tr>
<td>Rs. 1001 - Rs. 1,500</td>
<td>22</td>
<td>11.0</td>
<td>56</td>
</tr>
<tr>
<td>Rs. 1501 - Rs. 2,000</td>
<td>31</td>
<td>15.5</td>
<td>59</td>
</tr>
<tr>
<td>Rs. 2000 and above</td>
<td>85</td>
<td>42.5</td>
<td>157</td>
</tr>
<tr>
<td>Mean weekly income from sex work (Cash): Rs.</td>
<td>-</td>
<td>2998</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>200</td>
<td>100.0</td>
<td>400</td>
</tr>
<tr>
<td><strong>Have Other Jobs besides Sex Work</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>96</td>
<td>48.0</td>
<td>284</td>
</tr>
<tr>
<td>No</td>
<td>104</td>
<td>52.0</td>
<td>116</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>200</td>
<td>100.0</td>
<td>400</td>
</tr>
<tr>
<td>Wage laborer</td>
<td>32</td>
<td>33.3</td>
<td>72</td>
</tr>
<tr>
<td>Waitress</td>
<td>1</td>
<td>1.0</td>
<td>96</td>
</tr>
<tr>
<td>Owner of Bhatti Pasal/restaurant</td>
<td>15</td>
<td>15.6</td>
<td>38</td>
</tr>
<tr>
<td>Retail shops/business</td>
<td>21</td>
<td>21.9</td>
<td>25</td>
</tr>
<tr>
<td>Housemaid/restaurant employee (dish cleaner, cook, washerwoman, etc.)</td>
<td>4</td>
<td>4.2</td>
<td>41</td>
</tr>
<tr>
<td>Peer educator</td>
<td>12</td>
<td>12.5</td>
<td>3</td>
</tr>
<tr>
<td>Knitting/tailoring</td>
<td>6</td>
<td>6.3</td>
<td>5</td>
</tr>
<tr>
<td>Job (teacher, peon, etc.)</td>
<td>5</td>
<td>5.2</td>
<td>4</td>
</tr>
<tr>
<td>Others</td>
<td>6</td>
<td>6.3</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>96</td>
<td>*</td>
<td>284</td>
</tr>
<tr>
<td><strong>Average Weekly Income from Other Sources Besides Sex Work</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0 (No Other Source)</td>
<td>104</td>
<td>52.0</td>
<td>116</td>
</tr>
<tr>
<td>Up to Rs. 500</td>
<td>52</td>
<td>26.0</td>
<td>169</td>
</tr>
<tr>
<td>Rs. 501 - Rs. 1,000</td>
<td>24</td>
<td>12.0</td>
<td>88</td>
</tr>
<tr>
<td>Rs. 1001 - Rs. 1,500</td>
<td>7</td>
<td>3.5</td>
<td>16</td>
</tr>
<tr>
<td>Rs. 1501 - Rs. 2,000</td>
<td>4</td>
<td>2.0</td>
<td>6</td>
</tr>
<tr>
<td>Rs. 2000 and above</td>
<td>9</td>
<td>4.5</td>
<td>5</td>
</tr>
<tr>
<td>Mean weekly income Rs.</td>
<td>-</td>
<td>1136.0</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>200</td>
<td>100.0</td>
<td>400</td>
</tr>
</tbody>
</table>

*Note: The percentages add up to more than 100 because of multiple responses.

3.6 Knowledge of Condoms among Sex Workers

The study result revealed that the radio, friends/neighbors, NGOs, TV and pharmacy were the top five sources of information on condoms among the sex workers. Some other important sources of information were the Health Post/Health Center, hospital, bill board/sign board and newspapers/posters. A significant proportion of the
respondents from both the 6-district (69.5%) and 16-district (74 %) samples reported that they had heard about condoms from the health workers/volunteers.

<table>
<thead>
<tr>
<th>Source of Knowledge of Condoms</th>
<th>6 Districts N = 200</th>
<th>16 Districts N = 400</th>
<th>Total 22 Districts N = 600</th>
</tr>
</thead>
<tbody>
<tr>
<td>Radio</td>
<td>192 (96.0%)</td>
<td>371 (92.8%)</td>
<td>564 (94.0%)</td>
</tr>
<tr>
<td>Friends/neighbors</td>
<td>182 (91.0%)</td>
<td>366 (91.5%)</td>
<td>548 (91.3%)</td>
</tr>
<tr>
<td>NGOs</td>
<td>168 (84.0%)</td>
<td>369 (92.3%)</td>
<td>538 (89.7%)</td>
</tr>
<tr>
<td>TV</td>
<td>145 (72.5%)</td>
<td>342 (85.5%)</td>
<td>487 (81.2%)</td>
</tr>
<tr>
<td>Pharmacy</td>
<td>154 (77.0%)</td>
<td>330 (82.5%)</td>
<td>484 (80.7%)</td>
</tr>
<tr>
<td>Health Post/Health Center</td>
<td>148 (74.0%)</td>
<td>310 (77.5%)</td>
<td>458 (76.3%)</td>
</tr>
<tr>
<td>Health workers/volunteers</td>
<td>139 (69.5%)</td>
<td>296 (74.0%)</td>
<td>435 (72.5%)</td>
</tr>
<tr>
<td>Hospital</td>
<td>130 (65.0%)</td>
<td>292 (73.0%)</td>
<td>422 (70.3%)</td>
</tr>
<tr>
<td>Newspapers/posters</td>
<td>161 (80.5%)</td>
<td>226 (56.5%)</td>
<td>387 (64.5%)</td>
</tr>
<tr>
<td>Bill board/sign board</td>
<td>151 (75.5%)</td>
<td>221 (55.3%)</td>
<td>373 (62.2%)</td>
</tr>
<tr>
<td>Community workers</td>
<td>99 (49.5%)</td>
<td>180 (45.0%)</td>
<td>279 (46.5%)</td>
</tr>
<tr>
<td>Community event/training</td>
<td>116 (58.0%)</td>
<td>144 (36.0%)</td>
<td>260 (43.3%)</td>
</tr>
<tr>
<td>Street drama</td>
<td>107 (53.5%)</td>
<td>115 (28.8%)</td>
<td>222 (37.0%)</td>
</tr>
<tr>
<td>Cinema hall</td>
<td>52 (26.0%)</td>
<td>117 (29.3%)</td>
<td>169 (28.2%)</td>
</tr>
<tr>
<td>Video van</td>
<td>25 (12.5%)</td>
<td>58 (14.5%)</td>
<td>83 (13.8%)</td>
</tr>
<tr>
<td>Comic book</td>
<td>41 (20.5%)</td>
<td>38 (9.5%)</td>
<td>79 (13.2%)</td>
</tr>
<tr>
<td>Others</td>
<td>3 (1.5%)</td>
<td>-</td>
<td>3 (0.5%)</td>
</tr>
</tbody>
</table>

*Note: The percentages add up to more than 100 because of multiple responses.

3.7 Condom Use with Different Sex Partners

As mentioned earlier, the FSWs reported having two different types of sex partners: (i) paying partners, i.e., clients, both regular and occasional, and (ii) non-paying partners, i.e., husband, boyfriends and cohabiting male friends. It was also revealed that the consistent use of condoms with non-paying partners was much lower than with regular partners and clients. The sex workers also reported that in most of the cases they had suggested their partners to use a condom during sex.

3.7.1 Condom use with Client

An overriding majority (84.8%) of the respondents said a condom had been used in their last sexual encounter with a client. Of them, three-quarters (77.8%) had themselves suggested the use of a condom in these sexual encounters. A significantly higher proportion of the respondents (69.8%) mentioned the use of condoms during sex with their clients in the past year (Table 11).

3.7.2 Condom use with Regular Client

Altogether 74 percent of the sex workers reported having regular clients in the past year. More than three-fourths (77.9%) said a condom had been used in the last sexual contact with a regular client. Condom use was mostly (80.3%) suggested by the respondents themselves (Table 11). More than three-fourths of the sex workers mentioned the use of a condom during each sexual act with their regular clients in the past year.
### 3.7.3 Condom use with Non-paying Partners

Near about half (47.2%) of the sex workers had non-paying sex partners in the past year. These non-paying partners were mostly known persons, such as a boyfriend, a husband or cohabiting sex partner. The infrequent use of condoms during sex with a non-paying partner is the prevalent practice among the sex workers as only 9.3 percent said a condom was consistently used in the past year during sex with their non-paying partners.

#### Table 11: Condom Use with Clients, Regular Clients and Non-paying Sex Partners

<table>
<thead>
<tr>
<th>Condom Use by Female Sex Workers</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Use of Condom with Client in the Last Sex</strong></td>
<td>N = 200</td>
<td>N = 400</td>
<td>N = 600</td>
</tr>
<tr>
<td>Yes</td>
<td>161</td>
<td>348</td>
<td>509</td>
</tr>
<tr>
<td>% 80.5</td>
<td>87.0</td>
<td>84.8</td>
<td></td>
</tr>
<tr>
<td>No</td>
<td>39</td>
<td>52</td>
<td>91</td>
</tr>
<tr>
<td>% 19.5</td>
<td>13.0</td>
<td>15.2</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>200</td>
<td>400</td>
<td>600</td>
</tr>
<tr>
<td><strong>Condom Use Suggested in the Last Sex by</strong></td>
<td>N = 161</td>
<td>N = 348</td>
<td>N = 509</td>
</tr>
<tr>
<td>Myself</td>
<td>100</td>
<td>296</td>
<td>396</td>
</tr>
<tr>
<td>% 62.1</td>
<td>85.1</td>
<td>77.8</td>
<td></td>
</tr>
<tr>
<td>My partner</td>
<td>61</td>
<td>52</td>
<td>113</td>
</tr>
<tr>
<td>% 37.9</td>
<td>14.9</td>
<td>22.2</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>161</td>
<td>348</td>
<td>509</td>
</tr>
<tr>
<td><strong>Consistent Use of Condom with the Client in the Past Year</strong></td>
<td>N = 200</td>
<td>N = 400</td>
<td>N = 600</td>
</tr>
<tr>
<td>All of the time*</td>
<td>131</td>
<td>288</td>
<td>419</td>
</tr>
<tr>
<td>% 65.5</td>
<td>72.0</td>
<td>69.8</td>
<td></td>
</tr>
<tr>
<td>Most of the time</td>
<td>35</td>
<td>51</td>
<td>86</td>
</tr>
<tr>
<td>% 17.5</td>
<td>12.8</td>
<td>14.3</td>
<td></td>
</tr>
<tr>
<td>Sometimes</td>
<td>16</td>
<td>41</td>
<td>57</td>
</tr>
<tr>
<td>% 8.0</td>
<td>10.3</td>
<td>9.5</td>
<td></td>
</tr>
<tr>
<td>Rarely</td>
<td>3</td>
<td>17</td>
<td>20</td>
</tr>
<tr>
<td>% 1.5</td>
<td>4.3</td>
<td>3.3</td>
<td></td>
</tr>
<tr>
<td>Never</td>
<td>15</td>
<td>3</td>
<td>18</td>
</tr>
<tr>
<td>% 7.5</td>
<td>0.8</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>200</td>
<td>400</td>
<td>600</td>
</tr>
<tr>
<td><strong>Have Regular Client in the Past Year</strong></td>
<td>N = 134</td>
<td>N = 310</td>
<td>N = 444</td>
</tr>
<tr>
<td>Yes</td>
<td>134</td>
<td>310</td>
<td>444</td>
</tr>
<tr>
<td>% 67.0</td>
<td>77.5</td>
<td>74.0</td>
<td></td>
</tr>
<tr>
<td>No</td>
<td>66</td>
<td>90</td>
<td>156</td>
</tr>
<tr>
<td>% 33.0</td>
<td>22.5</td>
<td>26.0</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>200</td>
<td>400</td>
<td>600</td>
</tr>
<tr>
<td><strong>Use of Condom with Regular Client in the Last Sex</strong></td>
<td>N = 135</td>
<td>N = 310</td>
<td>N = 444</td>
</tr>
<tr>
<td>Yes</td>
<td>97</td>
<td>249</td>
<td>346</td>
</tr>
<tr>
<td>% 72.4</td>
<td>80.3</td>
<td>77.9</td>
<td></td>
</tr>
<tr>
<td>No</td>
<td>37</td>
<td>61</td>
<td>98</td>
</tr>
<tr>
<td>% 27.6</td>
<td>19.7</td>
<td>22.1</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>135</td>
<td>310</td>
<td>444</td>
</tr>
<tr>
<td><strong>Condom Use Suggested By</strong></td>
<td>N = 67</td>
<td>N = 212</td>
<td>N = 279</td>
</tr>
<tr>
<td>Myself</td>
<td>67</td>
<td>212</td>
<td>279</td>
</tr>
<tr>
<td>% 69.1</td>
<td>85.1</td>
<td>80.6</td>
<td></td>
</tr>
<tr>
<td>My partner</td>
<td>30</td>
<td>37</td>
<td>67</td>
</tr>
<tr>
<td>% 30.9</td>
<td>14.9</td>
<td>19.4</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>97</td>
<td>249</td>
<td>346</td>
</tr>
</tbody>
</table>
### Table 11: Con'td.

<table>
<thead>
<tr>
<th>Condom Use by Female Sex Workers</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N = 200 %</td>
<td>N = 400 %</td>
<td>N = 600 %</td>
</tr>
<tr>
<td><strong>Consistent Use of Condom with Regular Clients in the Past Year</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All of the time *</td>
<td>75 56.0</td>
<td>216 69.7</td>
<td>291 65.5</td>
</tr>
<tr>
<td>Most of the time</td>
<td>20 14.9</td>
<td>46 14.8</td>
<td>66 14.9</td>
</tr>
<tr>
<td>Sometimes</td>
<td>14 10.4</td>
<td>28 9.0</td>
<td>42 9.5</td>
</tr>
<tr>
<td>Rarely</td>
<td>4 3.0</td>
<td>8 2.6</td>
<td>12 2.7</td>
</tr>
<tr>
<td>Never</td>
<td>21 15.7</td>
<td>12 3.9</td>
<td>33 7.4</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>134 100.0</td>
<td>310 100.0</td>
<td>444 100.0</td>
</tr>
<tr>
<td><strong>Have Non-paying Partner during Past Year</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>89 44.5</td>
<td>194 48.5</td>
<td>283 47.2</td>
</tr>
<tr>
<td>No</td>
<td>111 55.5</td>
<td>206 51.5</td>
<td>317 52.8</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>200 100.0</td>
<td>400 100.0</td>
<td>600 100.0</td>
</tr>
<tr>
<td><strong>Use of Condom with Non-paying Partner in the Last Sex</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>20 22.5</td>
<td>53 27.3</td>
<td>73 25.8</td>
</tr>
<tr>
<td>No</td>
<td>69 77.5</td>
<td>141 72.7</td>
<td>210 74.2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>89 100.0</td>
<td>194 100.0</td>
<td>283 100.0</td>
</tr>
<tr>
<td><strong>Consistent Use of Condom with Non-paying Partner in the Past Year</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All of the time *</td>
<td>15 7.5</td>
<td>41 10.3</td>
<td>56 9.3</td>
</tr>
<tr>
<td>Most of the time</td>
<td>9 4.5</td>
<td>13 3.3</td>
<td>22 3.7</td>
</tr>
<tr>
<td>Sometimes</td>
<td>13 6.5</td>
<td>29 7.3</td>
<td>42 7.0</td>
</tr>
<tr>
<td>Rarely</td>
<td>11 5.5</td>
<td>40 10.0</td>
<td>51 8.5</td>
</tr>
<tr>
<td>Never</td>
<td>52 26.0</td>
<td>80 20.0</td>
<td>132 22.0</td>
</tr>
<tr>
<td>Did not have sexual intercourse with non-paying partner in the last 12 months</td>
<td>100 50.0</td>
<td>197 49.3</td>
<td>297 49.5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>200 100.0</td>
<td>400 100.0</td>
<td>600 100.0</td>
</tr>
</tbody>
</table>

3.7.4 Condom use with Partners Other Than Client, Husband and Male Friend

More than half (66%) of the respondents reportedly were engaged in sexual acts with people other than their clients, husband or male friend in the past year. However, the proportion of FSWs having sexual encounters with occasional sex partners in the past year in the 6 districts was relatively lower (23.5%) than in the 16 districts (87.3%). An overwhelming majority (90.4%) of the FSWs surveyed in this category said a condom had been used in the last sexual act with such partners, and in maximum number of cases (86%), the sex workers themselves had suggested using a condom (Table 12).

The sex workers were more likely to use condoms consistently (76%) with unknown occasional partners than with familiar partners.
### Table 12: Condom Use with Partners Other than Client, Husband and Male Friend

<table>
<thead>
<tr>
<th>Condom Use by Female Sex Workers</th>
<th>6 Districts N = 200</th>
<th>%</th>
<th>16 Districts N = 400</th>
<th>%</th>
<th>Total 22 (Districts) N = 600</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Have Sex with Partners Other than Client, Husband, Male Friend in the Past Year</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>47</td>
<td>23.5</td>
<td>349</td>
<td>87.3</td>
<td>396</td>
<td>66.0</td>
</tr>
<tr>
<td>No</td>
<td>153</td>
<td>76.5</td>
<td>51</td>
<td>12.8</td>
<td>204</td>
<td>34.0</td>
</tr>
<tr>
<td>Total</td>
<td>200</td>
<td>100.0</td>
<td>400</td>
<td>100.0</td>
<td>600</td>
<td>100.0</td>
</tr>
<tr>
<td>Use of Condom with Partners Other than Client, Husband, Male Friend in the Last Sex</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>41</td>
<td>87.2</td>
<td>317</td>
<td>90.8</td>
<td>358</td>
<td>90.4</td>
</tr>
<tr>
<td>No</td>
<td>6</td>
<td>12.8</td>
<td>32</td>
<td>9.2</td>
<td>38</td>
<td>9.6</td>
</tr>
<tr>
<td>Total</td>
<td>47</td>
<td>100.0</td>
<td>349</td>
<td>100.0</td>
<td>396</td>
<td>100.0</td>
</tr>
<tr>
<td>Condom Use Suggested by Myself</td>
<td>38</td>
<td>92.7</td>
<td>270</td>
<td>85.2</td>
<td>308</td>
<td>86.0</td>
</tr>
<tr>
<td>My Partner</td>
<td>3</td>
<td>7.3</td>
<td>47</td>
<td>14.8</td>
<td>50</td>
<td>14.0</td>
</tr>
<tr>
<td>Total</td>
<td>41</td>
<td>100.0</td>
<td>317</td>
<td>100.0</td>
<td>358</td>
<td>100.0</td>
</tr>
<tr>
<td>Consistent Use of Condom with Partners Other than Client, Husband, Male Friend in the Past Year</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All of the time</td>
<td>36</td>
<td>76.6</td>
<td>265</td>
<td>75.9</td>
<td>301</td>
<td>76.0</td>
</tr>
<tr>
<td>Most of the time</td>
<td>6</td>
<td>12.8</td>
<td>48</td>
<td>13.8</td>
<td>54</td>
<td>13.6</td>
</tr>
<tr>
<td>Sometimes</td>
<td>1</td>
<td>2.1</td>
<td>22</td>
<td>6.3</td>
<td>23</td>
<td>5.8</td>
</tr>
<tr>
<td>Rarely</td>
<td>2</td>
<td>4.3</td>
<td>10</td>
<td>2.9</td>
<td>12</td>
<td>3.0</td>
</tr>
<tr>
<td>Never</td>
<td>2</td>
<td>4.3</td>
<td>4</td>
<td>1.1</td>
<td>6</td>
<td>1.5</td>
</tr>
<tr>
<td>Total</td>
<td>47</td>
<td>100.0</td>
<td>349</td>
<td>100.0</td>
<td>396</td>
<td>100.0</td>
</tr>
</tbody>
</table>

#### 3.8 Availability of Condoms and Their Brand Names

Altogether 47 percent of the sex workers in the 6 districts reported they usually carried a condom with them, whereas only 9.5 percent of the sex workers in the 16 districts reported carrying the contraceptive. Overall 22 percent of the FSWs were reported to be regular condom carriers. However, majority (68.9%) of those who reported usually carrying a condom did not have one with them at the time of interview (Table 13).

An overriding majority (67.3%) of the respondents mentioned that they could get a condom within five minutes from their place of work. Almost 19 percent from the 6 districts and 3.5 percent from the 16 districts reported having to spend more than 15 minutes to get a condom from their place of work.

Majority of the FSWs (82.2%) reported that they could obtain condoms from the pharmacies. NGOs/health workers/volunteers (81%) were their second most important source of condoms. Other important places where they could reportedly get condoms were the general retail stores (58%) and the Health Post/Health Center (46.7%).

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27
The female sex workers were also asked about the brand names of the most used condoms. Among the condoms available in the place where they worked, condoms provided by the Ministry of Health were the most used brand (76%). The FSWs and their sex partners could get these condoms free of cost from the different hospitals, Health Posts/Health Centers, health workers/volunteer, etc. So this could be the reason behind the heavy use of this brand. Among the commercial brands, “Number One” was used by 45.8 percent of the sex workers. The other most used brands mentioned by them were the Dhaal (26.3%), Panther (24%) and Jodi (25%).

### Table 13: Condom Available Places and Brand Name of Most Used Condom Reported by Female Sex Workers

<table>
<thead>
<tr>
<th>Condom Acquisition</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N = 200</td>
<td>N = 400</td>
<td>N = 600</td>
</tr>
<tr>
<td>Usually Carry Condoms</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>94 (47.0%)</td>
<td>38 (9.5%)</td>
<td>132 (22.0%)</td>
</tr>
<tr>
<td>No</td>
<td>106 (53.0%)</td>
<td>362 (90.5%)</td>
<td>468 (78.0%)</td>
</tr>
<tr>
<td>Total</td>
<td>200 (100.0%)</td>
<td>400 (100.0%)</td>
<td>600 (100.0%)</td>
</tr>
<tr>
<td>No. of Condoms Carried</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>1 (1.1%)</td>
<td>2 (5.3%)</td>
<td>3 (2.3%)</td>
</tr>
<tr>
<td>2</td>
<td>4 (4.3%)</td>
<td>10 (26.3%)</td>
<td>14 (10.6%)</td>
</tr>
<tr>
<td>3 - 5</td>
<td>5 (5.3%)</td>
<td>11 (28.9%)</td>
<td>16 (12.1%)</td>
</tr>
<tr>
<td>6 - 10</td>
<td>2 (2.1%)</td>
<td>1 (2.6%)</td>
<td>3 (2.3%)</td>
</tr>
<tr>
<td>More than 10</td>
<td>2 (2.1%)</td>
<td>3 (7.9%)</td>
<td>5 (3.8%)</td>
</tr>
<tr>
<td>Not carrying right now</td>
<td>80 (85.1%)</td>
<td>11 (28.9%)</td>
<td>91 (68.9%)</td>
</tr>
<tr>
<td>Total</td>
<td>94 (100.0%)</td>
<td>38 (100.0%)</td>
<td>132 (100.0%)</td>
</tr>
<tr>
<td>Time Needed to Obtain Condoms from Nearest Place</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Up to 5 minutes**</td>
<td>83 (41.5%)</td>
<td>321 (80.3%)</td>
<td>404 (67.3%)</td>
</tr>
<tr>
<td>6 - 10 minutes</td>
<td>54 (27.0%)</td>
<td>49 (12.3%)</td>
<td>103 (17.2%)</td>
</tr>
<tr>
<td>11 - 15 minutes</td>
<td>25 (12.5%)</td>
<td>16 (4.0%)</td>
<td>41 (6.8%)</td>
</tr>
<tr>
<td>16 - 20 minutes</td>
<td>16 (8.0%)</td>
<td>3 (0.8%)</td>
<td>19 (3.2%)</td>
</tr>
<tr>
<td>21 and more minutes</td>
<td>22 (11.0%)</td>
<td>11 (2.8%)</td>
<td>33 (5.5%)</td>
</tr>
<tr>
<td>Total</td>
<td>200 (100.0%)</td>
<td>400 (100.0%)</td>
<td>600 (100.0%)</td>
</tr>
<tr>
<td>Places Where Condoms are Available</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pharmacy</td>
<td>156 (78.0%)</td>
<td>337 (84.3%)</td>
<td>493 (82.2%)</td>
</tr>
<tr>
<td>NGOs/health workers/volunteers</td>
<td>163 (81.5%)</td>
<td>323 (80.8%)</td>
<td>486 (81.0%)</td>
</tr>
<tr>
<td>General retail store (Kirana Pasal)</td>
<td>117 (58.5%)</td>
<td>231 (57.8%)</td>
<td>348 (58.0%)</td>
</tr>
<tr>
<td>Health Post/ Health Center</td>
<td>101 (50.5%)</td>
<td>179 (44.8%)</td>
<td>280 (46.7%)</td>
</tr>
<tr>
<td>Client/other sex partner</td>
<td>48 (24.0%)</td>
<td>166 (41.5%)</td>
<td>214 (35.7%)</td>
</tr>
<tr>
<td>Hospital</td>
<td>91 (45.5%)</td>
<td>114 (28.5%)</td>
<td>205 (34.2%)</td>
</tr>
<tr>
<td>Private clinic</td>
<td>56 (28.0%)</td>
<td>132 (33.0%)</td>
<td>188 (31.3%)</td>
</tr>
<tr>
<td>Paan shop</td>
<td>37 (18.5%)</td>
<td>137 (34.3%)</td>
<td>174 (29.0%)</td>
</tr>
<tr>
<td>Hotel/lodge</td>
<td>18 (9.0%)</td>
<td>105 (26.3%)</td>
<td>123 (20.5%)</td>
</tr>
<tr>
<td>Peer/friends</td>
<td>18 (9.0%)</td>
<td>82 (20.5%)</td>
<td>100 (16.7%)</td>
</tr>
<tr>
<td>FPAN clinic</td>
<td>38 (19.0%)</td>
<td>52 (13.0%)</td>
<td>90 (15.0%)</td>
</tr>
<tr>
<td>Bhatti Pasal</td>
<td>1 (0.5%)</td>
<td>28 (7.0%)</td>
<td>29 (4.8%)</td>
</tr>
<tr>
<td>Cabin restaurant</td>
<td>- (-)</td>
<td>19 (4.8%)</td>
<td>19 (3.2%)</td>
</tr>
<tr>
<td>Mobile shop</td>
<td>8 (4.0%)</td>
<td>- (-)</td>
<td>8 (1.3%)</td>
</tr>
<tr>
<td>Tea Shop</td>
<td>2 (1.0%)</td>
<td>- (-)</td>
<td>2 (0.3%)</td>
</tr>
<tr>
<td>GWP</td>
<td>1 (0.5%)</td>
<td>1 (0.3%)</td>
<td>2 (0.3%)</td>
</tr>
<tr>
<td>Others</td>
<td>3 (1.5%)</td>
<td>2 (0.5%)</td>
<td>5 (0.8%)</td>
</tr>
<tr>
<td>Don’t know</td>
<td>1 (0.5%)</td>
<td>- (-)</td>
<td>1 (0.2%)</td>
</tr>
<tr>
<td>Total</td>
<td>200 *</td>
<td>400 *</td>
<td>600 *</td>
</tr>
</tbody>
</table>
Table 13: Con'td…

<table>
<thead>
<tr>
<th>Condom Acquisition</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N = 200 %</td>
<td>N = 400 %</td>
<td>N = 600 %</td>
</tr>
<tr>
<td><strong>Brand Names of Condoms Used Most in Past One Year</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Condom with no brand name (MOH white, red)</td>
<td>134 67.0</td>
<td>322 80.5</td>
<td>456 76.0</td>
</tr>
<tr>
<td>Number One</td>
<td>68 34.0</td>
<td>207 51.8</td>
<td>275 45.8</td>
</tr>
<tr>
<td>Dhaal</td>
<td>45 22.5</td>
<td>113 28.3</td>
<td>158 26.3</td>
</tr>
<tr>
<td>Panther</td>
<td>56 28.0</td>
<td>94 23.5</td>
<td>150 25.0</td>
</tr>
<tr>
<td>Jodi</td>
<td>52 26.0</td>
<td>92 23.0</td>
<td>144 24.0</td>
</tr>
<tr>
<td>Black Cobra</td>
<td>28 14.0</td>
<td>49 12.3</td>
<td>77 12.8</td>
</tr>
<tr>
<td>Skinless</td>
<td>21 10.5</td>
<td>16 4.0</td>
<td>37 6.2</td>
</tr>
<tr>
<td>Kamasutra</td>
<td>3 1.5</td>
<td>30 7.5</td>
<td>33 5.5</td>
</tr>
<tr>
<td>Never used condom</td>
<td>12 6.0</td>
<td>-</td>
<td>12 2.0</td>
</tr>
<tr>
<td>Trishna</td>
<td>-</td>
<td>4 1.0</td>
<td>4 0.7</td>
</tr>
<tr>
<td>Did not use in the past 12 months</td>
<td>1 0.5</td>
<td>2 0.5</td>
<td>3 0.5</td>
</tr>
<tr>
<td>Health Care</td>
<td>2 1.0</td>
<td>-</td>
<td>2 0.3</td>
</tr>
<tr>
<td>Double Mazza</td>
<td>1 0.5</td>
<td>-</td>
<td>1 0.2</td>
</tr>
<tr>
<td>Puma</td>
<td>-</td>
<td>1 0.3</td>
<td>1 0.2</td>
</tr>
<tr>
<td>Josh</td>
<td>-</td>
<td>1 0.3</td>
<td>1 0.2</td>
</tr>
<tr>
<td>Moods</td>
<td>-</td>
<td>1 0.3</td>
<td>1 0.2</td>
</tr>
<tr>
<td>Female condom</td>
<td>-</td>
<td>1 0.3</td>
<td>1 0.2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>200 *</td>
<td>400 *</td>
<td>600 *</td>
</tr>
</tbody>
</table>

*Note: The percentages add up to more than 100 because of multiple responses*

The respondents were further asked about the mode of availability and the places from where they could get the condoms. More than half (58.3%) of the sex workers reported obtaining free condoms all the time while 7 percent purchased them. As shown in Table 14, a large proportion (88.7%) of the respondents said that NGOs/health workers/volunteers provided condoms free of cost to them. Nearly half of them (47.2%) reported that their clients brought condoms with them. Peers/friends were reported as the next important source by 15.1 percent of the sex workers. Other reported sources are shown in Table 14.

A clear majority of the sex workers (81.5 %) maintained that free condoms should be available with the NGOs/health workers/volunteers for easy access. Another section of the sex workers (48.9 %) said that they felt comfortable when the clients themselves brought condoms with them. Altogether 17.3 percent of the respondents said that they could comfortably approach their peers/friends for condoms (Table 14).

The respondents mentioned that they felt comfortable purchasing condoms from the pharmacies (75.2%), general stores (kirana shop) (33.8%), hotels/lodges (21.4%) and private clinics (20.9%) respectively (Table 14).
Table 14: Reported Places for Obtaining Condoms by Female Sex Workers (Those buying condoms)

<table>
<thead>
<tr>
<th>Condom Acquisition</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N = 200</td>
<td>N = 400</td>
<td>N = 600</td>
</tr>
<tr>
<td></td>
<td>%</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>FSWs Obtain Condoms Usually</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Free of cost</td>
<td>120</td>
<td>230</td>
<td>350</td>
</tr>
<tr>
<td>Purchase</td>
<td>14</td>
<td>28</td>
<td>42</td>
</tr>
<tr>
<td>Obtain both ways</td>
<td>52</td>
<td>140</td>
<td>192</td>
</tr>
<tr>
<td>Condom never used</td>
<td>14</td>
<td>2</td>
<td>16</td>
</tr>
<tr>
<td>Total</td>
<td>200</td>
<td>400</td>
<td>600</td>
</tr>
<tr>
<td>Usually Obtain Free Condoms From</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NGO/Health Workers/Volunteers</td>
<td>148</td>
<td>333</td>
<td>481</td>
</tr>
<tr>
<td>Clients/other sex partners</td>
<td>69</td>
<td>187</td>
<td>256</td>
</tr>
<tr>
<td>Peers/friends</td>
<td>12</td>
<td>70</td>
<td>82</td>
</tr>
<tr>
<td>Hotel/lodge/restaurant</td>
<td>2</td>
<td>75</td>
<td>77</td>
</tr>
<tr>
<td>Health Post/Health Center</td>
<td>35</td>
<td>26</td>
<td>61</td>
</tr>
<tr>
<td>FPAN clinics</td>
<td>16</td>
<td>27</td>
<td>43</td>
</tr>
<tr>
<td>Community events</td>
<td>2</td>
<td>30</td>
<td>32</td>
</tr>
<tr>
<td>Hospital</td>
<td>9</td>
<td>8</td>
<td>17</td>
</tr>
<tr>
<td>Bhatti Pasal</td>
<td>1</td>
<td>9</td>
<td>10</td>
</tr>
<tr>
<td>GWP</td>
<td>-</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td>172</td>
<td>*</td>
<td>542</td>
</tr>
<tr>
<td>Most Convenient Place to Obtain Free Condoms From</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NGO/health workers/volunteers</td>
<td>135</td>
<td>307</td>
<td>442</td>
</tr>
<tr>
<td>Client/other sex partners</td>
<td>70</td>
<td>195</td>
<td>265</td>
</tr>
<tr>
<td>Hotel/lodge/restaurant</td>
<td>12</td>
<td>82</td>
<td>94</td>
</tr>
<tr>
<td>Peers/friends</td>
<td>6</td>
<td>88</td>
<td>94</td>
</tr>
<tr>
<td>Health Post/Health Center</td>
<td>27</td>
<td>42</td>
<td>69</td>
</tr>
<tr>
<td>Community events</td>
<td>2</td>
<td>18</td>
<td>20</td>
</tr>
<tr>
<td>FPAN clinics</td>
<td>8</td>
<td>11</td>
<td>19</td>
</tr>
<tr>
<td>Hospital</td>
<td>6</td>
<td>10</td>
<td>16</td>
</tr>
<tr>
<td>Bhatti Pasal</td>
<td>1</td>
<td>10</td>
<td>11</td>
</tr>
<tr>
<td>GWP</td>
<td>-</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Beauty parlor</td>
<td>-</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Massage parlor</td>
<td>-</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Pan Pasal</td>
<td>-</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Medical shop</td>
<td>-</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Total</td>
<td>172</td>
<td>*</td>
<td>542</td>
</tr>
</tbody>
</table>
Table 14: Con'td..

<table>
<thead>
<tr>
<th>Condom Acquisition</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N = 200</td>
<td>N = 400</td>
<td>N = 600</td>
</tr>
<tr>
<td></td>
<td>%</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>Places for Purchasing Condoms</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pharmacy</td>
<td>48</td>
<td>137</td>
<td>185</td>
</tr>
<tr>
<td></td>
<td>72.7</td>
<td>81.5</td>
<td>79.1</td>
</tr>
<tr>
<td>General retail store (Kirana Pasal)</td>
<td>20</td>
<td>69</td>
<td>89</td>
</tr>
<tr>
<td></td>
<td>30.3</td>
<td>41.1</td>
<td>38.0</td>
</tr>
<tr>
<td>Private clinic</td>
<td>16</td>
<td>29</td>
<td>45</td>
</tr>
<tr>
<td></td>
<td>24.2</td>
<td>17.3</td>
<td>19.2</td>
</tr>
<tr>
<td>Pan Pasal</td>
<td>5</td>
<td>33</td>
<td>38</td>
</tr>
<tr>
<td></td>
<td>7.6</td>
<td>19.6</td>
<td>16.2</td>
</tr>
<tr>
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<td>33</td>
<td>34</td>
</tr>
<tr>
<td></td>
<td>1.5</td>
<td>19.6</td>
<td>14.5</td>
</tr>
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<td>4</td>
</tr>
<tr>
<td></td>
<td>-</td>
<td>2.4</td>
<td>1.7</td>
</tr>
<tr>
<td>Mobile shop</td>
<td>3</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>4.5</td>
<td>-</td>
<td>1.3</td>
</tr>
<tr>
<td>Client themselves bring condoms</td>
<td>-</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>-</td>
<td>1.8</td>
<td>1.3</td>
</tr>
<tr>
<td>Others</td>
<td>3</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>4.5</td>
<td>-</td>
<td>1.3</td>
</tr>
<tr>
<td>Total</td>
<td>66</td>
<td>168</td>
<td>234</td>
</tr>
</tbody>
</table>
*Note: The percentages add up to more than 100 because of multiple responses

3.9 Knowledge and Use of Female Condom

The survey results revealed that almost half (49.8%) of the FSWs had heard about the female condom. The proportion of sex workers who had heard about it in the 6 districts and 16 districts was 49 percent and 50.3 percent respectively. It was also observed that the sources of knowledge about the female condom in the 6-district and 16- district samples were almost the same. Majority of the respondents (77.9%) who had heard about the female condom reported NGO staff as the major source of knowledge. Other sources of knowledge mentioned by the FSWs were friends/relatives/neighbors: 27.1 percent and health workers/volunteers: 12 percent (Table 15). Among the FSWs who had heard about the female condom, only 4.1 percent in the 6 districts and 5.5 percent in the 16 districts had ever used one. Among the FSWs who had ever used a female condom, 50 percent (2/4) in the 6
districts and 63.6 percent (7/11) in the 16 districts had used one within a month preceding this survey (Table 15).

### Table 15: Knowledge and Use of Female Condom

<table>
<thead>
<tr>
<th>Knowledge and Use of Female Condoms</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N = 200</td>
<td>N = 400</td>
<td>N = 600</td>
</tr>
<tr>
<td>Have Heard About Female Condoms</td>
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<td></td>
</tr>
<tr>
<td>Yes</td>
<td>98</td>
<td>201</td>
<td>299</td>
</tr>
<tr>
<td></td>
<td>49.0%</td>
<td>50.3%</td>
<td>49.8%</td>
</tr>
<tr>
<td>No</td>
<td>102</td>
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<td>301</td>
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<tr>
<td></td>
<td>51.0%</td>
<td>49.8%</td>
<td>50.2%</td>
</tr>
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<td>600</td>
</tr>
<tr>
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<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sources of Knowledge of Female Condom</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NGO staff</td>
<td>77</td>
<td>156</td>
<td>233</td>
</tr>
<tr>
<td></td>
<td>78.6%</td>
<td>77.6%</td>
<td>77.9%</td>
</tr>
<tr>
<td>Friends/relatives/neighbors</td>
<td>25</td>
<td>56</td>
<td>81</td>
</tr>
<tr>
<td></td>
<td>25.5%</td>
<td>27.9%</td>
<td>27.1%</td>
</tr>
<tr>
<td>Health workers/volunteers</td>
<td>7</td>
<td>29</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>7.1%</td>
<td>14.4%</td>
<td>12.0%</td>
</tr>
<tr>
<td>Community interaction/training</td>
<td>7</td>
<td>10</td>
<td>17</td>
</tr>
<tr>
<td></td>
<td>7.1%</td>
<td>5.0%</td>
<td>5.7%</td>
</tr>
<tr>
<td>Radio</td>
<td>6</td>
<td>9</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>6.1%</td>
<td>4.5%</td>
<td>5.0%</td>
</tr>
<tr>
<td>Community workers</td>
<td>4</td>
<td>5</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>4.1%</td>
<td>2.5%</td>
<td>3.0%</td>
</tr>
<tr>
<td>Newspapers/posters</td>
<td>-</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>-</td>
<td>3.5%</td>
<td>2.3%</td>
</tr>
<tr>
<td>Pharmacy</td>
<td>-</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>-</td>
<td>2.5%</td>
<td>1.7%</td>
</tr>
<tr>
<td>TV</td>
<td>-</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>-</td>
<td>1.5%</td>
<td>1.0%</td>
</tr>
<tr>
<td>Health Post/Health Center</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>2.0%</td>
<td>0.5%</td>
<td>1.0%</td>
</tr>
<tr>
<td>Hospital</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>1.0%</td>
<td>1.0%</td>
<td>1.0%</td>
</tr>
<tr>
<td>Other</td>
<td>6</td>
<td>9</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>6.1%</td>
<td>4.5%</td>
<td>5.0%</td>
</tr>
<tr>
<td>Total</td>
<td>98</td>
<td>201</td>
<td>299</td>
</tr>
</tbody>
</table>

| Ever Used a Female Condom            |            |             |                      |
|                                      |            |             |                      |
| Yes                                  | 4          | 11          | 15                   |
|                                      | 4.1%       | 5.5%        | 5.0%                 |
| No                                   | 94         | 190         | 284                  |
|                                      | 95.9%      | 94.5%       | 95.0%                |
| Total                                | 98         | 201         | 299                  |

| Female Condom Used the Last Time     |            |             |                      |
|                                      |            |             |                      |
| Within a month                       | 2          | 7           | 9                    |
|                                      | 50.0%      | 63.6%       | 60.0%                |
| 1 - 5 months before                  | 2          | 4           | 6                    |
|                                      | 50.0%      | 36.4%       | 40.0%                |
| Total                                | 4          | 11          | 15                   |
|                                      | 100.0%     | 100.0%      | 100.0%               |

*Note: The percentages add up to more than 100 because of multiple responses (Others = Client, Friends, Female Empowerment, Husband, etc.)*

### 3.10 Knowledge and Use of Family Planning Methods

Among the married sex workers, 85.8 percent had children, and 9.6 percent of the sex workers were willing to have a child in the next two years. The proportion of FSWs willing to have a child in the next two years was higher in the 16 districts than in the 6 districts (11.1 percent vs. 6.9 percent). When the sex workers were asked about the methods of family planning adopted, almost all respondents across the board (99.2 percent) reported the condom and injection as important methods. Other reported methods of family planning heard by the FSWs are shown in Table 16. A higher number of FSWs from the 16 districts had heard about IUDs as a method of
family planning as compared to their counterparts in the 6 districts (82.3 percent against 69 percent). An overwhelming majority of the married sex workers (92.5%) in the 6 districts were currently using a family planning method to delay/avoid pregnancy, whereas only 74.1 percent of the FSWs in the 16 districts were using any family planning method. Among the FSWs who were currently adopting a family planning method, 50.9 percent (36% in the 6 districts and 61.5% in the 16 districts) were using condoms, 22 percent (21.1% in the 6 districts and 22.6% in the 16 districts) injections while 22 percent (24.8% in the 6 districts and 19.9 in the 16 districts) had undergone a laparoscopy operation (Table 16).

**Table 16: Knowledge and Use of Family Planning Methods**

<table>
<thead>
<tr>
<th>Knowledge and Use of Family Planning Methods</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N = 200</td>
<td>%</td>
<td>N = 400</td>
</tr>
<tr>
<td>Have Given Birth to Children</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>152</td>
<td>87.4</td>
<td>259</td>
</tr>
<tr>
<td>No</td>
<td>22</td>
<td>12.6</td>
<td>46</td>
</tr>
<tr>
<td>Total</td>
<td>174</td>
<td>100.0</td>
<td>305</td>
</tr>
<tr>
<td>Willing to Have a Child in the Next Two Years</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>12</td>
<td>6.9</td>
<td>34</td>
</tr>
<tr>
<td>No</td>
<td>162</td>
<td>93.1</td>
<td>271</td>
</tr>
<tr>
<td>Total</td>
<td>174</td>
<td>100.0</td>
<td>305</td>
</tr>
<tr>
<td>Ways/Method of Family Planning Ever Heard</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Female sterilization</td>
<td>170</td>
<td>97.7</td>
<td>303</td>
</tr>
<tr>
<td>Male sterilization</td>
<td>170</td>
<td>97.7</td>
<td>300</td>
</tr>
<tr>
<td>Pill</td>
<td>171</td>
<td>98.3</td>
<td>288</td>
</tr>
<tr>
<td>IDU</td>
<td>120</td>
<td>69.0</td>
<td>251</td>
</tr>
<tr>
<td>Injectables</td>
<td>174</td>
<td>100.0</td>
<td>301</td>
</tr>
<tr>
<td>Implants</td>
<td>162</td>
<td>93.1</td>
<td>267</td>
</tr>
<tr>
<td>Condom</td>
<td>172</td>
<td>98.9</td>
<td>303</td>
</tr>
<tr>
<td>Rhythm method</td>
<td>78</td>
<td>44.8</td>
<td>174</td>
</tr>
<tr>
<td>Withdrawal</td>
<td>138</td>
<td>79.3</td>
<td>219</td>
</tr>
<tr>
<td>Others</td>
<td>6</td>
<td>3.4</td>
<td>1</td>
</tr>
<tr>
<td>Total</td>
<td>174</td>
<td>*</td>
<td>305</td>
</tr>
<tr>
<td>Currently Using any Method to Delay/Avoid Getting Pregnant</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>161</td>
<td>92.5</td>
<td>226</td>
</tr>
<tr>
<td>No</td>
<td>13</td>
<td>7.5</td>
<td>79</td>
</tr>
<tr>
<td>Total</td>
<td>174</td>
<td>100.0</td>
<td>305</td>
</tr>
<tr>
<td>Family Planning Method Currently Used</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Female sterilization</td>
<td>40</td>
<td>24.8</td>
<td>45</td>
</tr>
<tr>
<td>Male sterilization</td>
<td>1</td>
<td>0.6</td>
<td>5</td>
</tr>
<tr>
<td>Pill</td>
<td>15</td>
<td>9.3</td>
<td>15</td>
</tr>
<tr>
<td>IDU</td>
<td>3</td>
<td>1.9</td>
<td>2</td>
</tr>
<tr>
<td>Injectables</td>
<td>34</td>
<td>21.1</td>
<td>51</td>
</tr>
<tr>
<td>Implants</td>
<td>9</td>
<td>5.6</td>
<td>7</td>
</tr>
<tr>
<td>Condom</td>
<td>58</td>
<td>36.0</td>
<td>139</td>
</tr>
<tr>
<td>Rhythm method</td>
<td>5</td>
<td>3.1</td>
<td>16</td>
</tr>
<tr>
<td>Withdrawal</td>
<td>7</td>
<td>4.3</td>
<td>30</td>
</tr>
<tr>
<td>Others</td>
<td>1</td>
<td>0.6</td>
<td>1</td>
</tr>
<tr>
<td>Total</td>
<td>161</td>
<td>*</td>
<td>226</td>
</tr>
</tbody>
</table>

*Note: The percentages add up to more than 100 because of multiple responses*
3.11 Knowledge of HIV/AIDS

Almost all (99.7%) of the sex workers had heard about HIV/AIDS. Only two respondents from the 6 districts were not aware of HIV/AIDS. The radio was reported as the major source of information about HIV/AIDS by 92 percent of the sex workers. A large proportion of them (87.1%) also stated that their friends/relatives, people from the NGOs (87.1%) and television (78.9%) were their sources of information about HIV/AIDS. Pamphlets and posters of the different organizations were also successful in delivering HIV/AIDS messages. Altogether 68.9 percent of the sex workers reported that they had derived information about HIV/AIDS from such sources.

Pamphlets/posters and bill boards/sign boards were reported as being a major source of information about HIV/AIDS in the 6 districts, although they were not so in the 16 districts. Some 82.5 percent of the FSWs in the 6 districts reported pamphlets/posters and 73.5 percent reported bill boards/sign boards as their source of information about HIV/AIDS. In the 16 districts, 61.8 percent of the FSWs said pamphlets/posters were their source of information about HIV/AIDS while only 47.3 percent found the bill board/sign board to be a source of information.

NGOs operating in the 16 districts were more successful in providing information about HIV/AIDS to the FSWs in comparison to those working in the 6 districts. Altogether 89.3 percent of the FSWs in the 16 districts reported NGOs as a source of information about HIV/AIDS, whereas only 82 percent of the FSWs in the 6 districts thought likewise.

Community events/trainings were reported to be a source of information about HIV/AIDS by 57.0 percent of the FSWs in the western and far western regions (6 districts), but they were considered to be a source of information by only 36.0 percent of the FSWs in the eastern region (16 districts).

Street dramas organized by different organizations were reported to be a source of information about HIV/AIDS by 54.0 percent of the sex workers in the 6 districts, but it was a source of information for only 26.0 percent of the sex workers in the 16 districts.

Table 17: Sources of Knowledge about HIV/AIDS among Female Sex Workers

<table>
<thead>
<tr>
<th>Awareness about HIV/AIDS</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N = 200</td>
<td>N = 400</td>
<td>N = 600</td>
</tr>
<tr>
<td>Ever Heard of HIV/AIDS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>198</td>
<td>400</td>
<td>598</td>
</tr>
<tr>
<td>No</td>
<td>2</td>
<td>-</td>
<td>2</td>
</tr>
<tr>
<td>HIV/AIDS Information Sources</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Radio</td>
<td>188</td>
<td>362</td>
<td>550</td>
</tr>
<tr>
<td>Friends/relatives</td>
<td>172</td>
<td>349</td>
<td>521</td>
</tr>
<tr>
<td>People from NGO</td>
<td>164</td>
<td>357</td>
<td>521</td>
</tr>
<tr>
<td>Television</td>
<td>142</td>
<td>330</td>
<td>472</td>
</tr>
<tr>
<td>Pamphlets/posters</td>
<td>165</td>
<td>247</td>
<td>412</td>
</tr>
<tr>
<td>Health workers</td>
<td>131</td>
<td>265</td>
<td>396</td>
</tr>
</tbody>
</table>
Table 17: Cont’d…

<table>
<thead>
<tr>
<th>Awareness about HIV/AIDS</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td>N = 200</td>
<td>%</td>
<td>N = 400</td>
<td>%</td>
</tr>
<tr>
<td>Work place</td>
<td>71</td>
<td>35.5</td>
<td>265</td>
</tr>
<tr>
<td>Bill board/sign board</td>
<td>147</td>
<td>73.5</td>
<td>189</td>
</tr>
<tr>
<td>Community workers</td>
<td>100</td>
<td>50.0</td>
<td>177</td>
</tr>
<tr>
<td>Community event/training</td>
<td>114</td>
<td>57.0</td>
<td>144</td>
</tr>
<tr>
<td>Newspapers/magazines</td>
<td>67</td>
<td>33.5</td>
<td>162</td>
</tr>
<tr>
<td>Street drama</td>
<td>108</td>
<td>54.0</td>
<td>104</td>
</tr>
<tr>
<td>Cinema hall</td>
<td>54</td>
<td>27.0</td>
<td>110</td>
</tr>
<tr>
<td>School/teachers</td>
<td>48</td>
<td>24.0</td>
<td>78</td>
</tr>
<tr>
<td>Video van</td>
<td>32</td>
<td>16.0</td>
<td>62</td>
</tr>
<tr>
<td>Comic book</td>
<td>44</td>
<td>22.0</td>
<td>40</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>198</td>
<td>*</td>
<td>400</td>
</tr>
</tbody>
</table>

*Note: The percentages add up to more than 100 because of multiple responses

3.11.1 Knowledge about Ways to Prevent HIV/AIDS

The FSWs were also asked about their knowledge about ways HIV was transmitted and major misconceptions about the disease. The proportion of FSWs reporting being aware of HIV preventive measures - A (abstinence from sex), B (being faithful to one partner or avoiding multiple sex partners) and C (consistent condom use or use of a condom during every sexual contact) - was 71.5 percent, 73.7 percent and 90 percent respectively. Overall, 39.7 percent of the respondents correctly identified all three A, B and C as HIV preventive measures. Altogether 48.2 percent knew that a healthy looking person could be infected with HIV, while 84.2 percent rejected the notion that sharing a meal with an HIV-infected person would transmit the virus. Also, three-fourths (77.5%) of the respondents rejected the common local misconception that a mosquito bite transmitted the HIV virus. In total, only 26.7 percent of the respondents had comprehensive knowledge about HIV (that means they were aware of all the five (B, C, D, E & F) major indicators of HIV transmission). No major differences were observed in the knowledge of the major ways of avoiding HIV/AIDS in the 6 vs 16-district samples.

Table 18: Percentage of FSWs Who Have Knowledge of Major Ways of Avoiding HIV/AIDS

<table>
<thead>
<tr>
<th>Knowledge of Six Major Indicators on HIV/AIDS</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N = 200</td>
<td>%</td>
<td>N = 400</td>
</tr>
<tr>
<td>A. Can protect themselves through abstinence from sexual contact</td>
<td>141</td>
<td>70.5</td>
<td>288</td>
</tr>
<tr>
<td>B. Can protect themselves through monogamous sexual contact</td>
<td>158</td>
<td>79.0</td>
<td>284</td>
</tr>
<tr>
<td>C. Can protect themselves through condom use every time during sex</td>
<td>182</td>
<td>91.0</td>
<td>358</td>
</tr>
</tbody>
</table>
Table 18: Con’td…

<table>
<thead>
<tr>
<th>Knowledge of Six Major Indicators on HIV/AIDS</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N = 200</td>
<td>%</td>
<td>N = 400</td>
</tr>
<tr>
<td>D. A healthy-looking person can be infected with HIV</td>
<td>107</td>
<td>53.5</td>
<td>182</td>
</tr>
<tr>
<td>E. A person cannot get the HIV virus from mosquito bite</td>
<td>161</td>
<td>80.5</td>
<td>304</td>
</tr>
<tr>
<td>F. Cannot get HIV by sharing a meal with an HIV-infected person</td>
<td>167</td>
<td>83.5</td>
<td>338</td>
</tr>
<tr>
<td>Knowledge of all three indicators - ABC</td>
<td>74</td>
<td>37.0</td>
<td>164</td>
</tr>
<tr>
<td>Knowledge of all five indicators - BCDEF</td>
<td>54</td>
<td>27</td>
<td>106</td>
</tr>
</tbody>
</table>

Note: The percentages add up to more than 100 because of multiple responses

The sex workers were also asked if they knew any person who was infected with HIV or who had died of AIDS. More than half of the sex workers (54.8%) replied positively. Of the 329 FSWs in the 22 districts who said yes, 44 had a close relative and 118 had a close friend who suffered or had died from HIV/AIDS (Table 19).

Table 19: FSWs’ Knowledge on Ways of HIV/AIDS Transmission

<table>
<thead>
<tr>
<th>Statements Related to HIV/AIDS</th>
<th>2009</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6 Districts</td>
</tr>
<tr>
<td></td>
<td>N = 200</td>
</tr>
<tr>
<td>Know anyone who is infected with HIV or who has died of AIDS (n=200/400/600)</td>
<td>111</td>
</tr>
<tr>
<td>Have a Close Relative or Close Friend Infected with HIV or has Died of AIDS</td>
<td></td>
</tr>
<tr>
<td>Close relative</td>
<td>24</td>
</tr>
<tr>
<td>Close friend</td>
<td>33</td>
</tr>
<tr>
<td>No relation</td>
<td>54</td>
</tr>
<tr>
<td>Total</td>
<td>111</td>
</tr>
<tr>
<td>Awareness about HIV/AIDS (n=200/400/600)</td>
<td></td>
</tr>
<tr>
<td>Blood transfusion from an infected person to the other transmit HIV</td>
<td>196</td>
</tr>
<tr>
<td>A person can get HIV by using previously used needle/syringe</td>
<td>194</td>
</tr>
<tr>
<td>Statements Related to HIV/AIDS</td>
<td>2009</td>
</tr>
<tr>
<td>-------------------------------------------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td></td>
<td>6 Districts</td>
</tr>
<tr>
<td></td>
<td>N = 200</td>
</tr>
<tr>
<td>A pregnant woman infected with HIV/AIDS can transmit the virus to her unborn child</td>
<td>167</td>
</tr>
<tr>
<td>A person cannot get HIV by holding an HIV-infected person’s hand</td>
<td>184</td>
</tr>
<tr>
<td>A woman with HIV/AIDS can transmit the virus to her new-born child through breastfeeding</td>
<td>153</td>
</tr>
<tr>
<td>Ways by Which a Pregnant Woman can Reduce the Risk of Transmission of HIV to her Unborn Child</td>
<td></td>
</tr>
<tr>
<td>Cannot do anything/cannot protect the child</td>
<td>26</td>
</tr>
<tr>
<td>Take medication</td>
<td>81</td>
</tr>
<tr>
<td>Abort the child</td>
<td>4</td>
</tr>
<tr>
<td>Others</td>
<td>2</td>
</tr>
<tr>
<td>Don’t know</td>
<td>54</td>
</tr>
<tr>
<td>Total</td>
<td>167</td>
</tr>
</tbody>
</table>

Understanding of HIV and its different modes of transmission among the FSWs was also tested with the help of certain snooping questions. A large proportion of the respondents reported that HIV could be transmitted through blood transfusion from an infected person to another (99.2%), that a person could be infected with HIV by using previously used needles/syringes (96.7%), and that HIV cannot be transmitted by holding the hands of a HIV-positive person (89.5%). Additionally, 84.2 percent stated that an infected mother could transmit the virus to her unborn child and 77 percent mentioned that a woman with HIV/AIDS could transmit the virus to her new-born child through breastfeeding (Table 19).

Of the 505 respondents who had reported that the HIV virus could be transmitted from an infected mother to her unborn child, 42.2 percent said that taking medicine would be helpful and almost 40 percent expressed their unawareness of any measure to minimize such a risk (Table 19).

### 3.12 Perception of HIV Test

When the FSWs were questioned on the availability of a HIV test facility, 75.3 percent reported that it was possible for them to have a confidential HIV test in their community. Around 70 percent of the sex workers had undertaken the test at least once, majority (93.3%) of them had taken the test of their own free will, and the rest were either sent or advised for it. Almost 96 percent had received the test results while the others had not collected them because they forgot about it, felt it was not
necessary, were afraid to obtain the result, and were sure of not having been infected (Table 20). Majority of the sex workers (86.3%) had undertaken the test within the last 12 months preceding the survey while 19.2 percent had undergone the test 1-2 years before.

**Table 20: Perception of HIV Test**

<table>
<thead>
<tr>
<th>Perception of HIV Test</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N = 200</td>
<td>N = 400</td>
<td>N = 600</td>
</tr>
<tr>
<td><strong>Confidential HIV Test Facility Available in the Community</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>143</td>
<td>309</td>
<td>452</td>
</tr>
<tr>
<td></td>
<td>71.5%</td>
<td>77.3%</td>
<td>75.3%</td>
</tr>
<tr>
<td>No*</td>
<td>34</td>
<td>63</td>
<td>97</td>
</tr>
<tr>
<td></td>
<td>17.0%</td>
<td>15.8%</td>
<td>16.2%</td>
</tr>
<tr>
<td>Don't know</td>
<td>21</td>
<td>28</td>
<td>49</td>
</tr>
<tr>
<td></td>
<td>10.5%</td>
<td>7.0%</td>
<td>8.2%</td>
</tr>
<tr>
<td>Never heard about HIV</td>
<td>2</td>
<td>-</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>1.0%</td>
<td>-</td>
<td>0.3%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>200</td>
<td>400</td>
<td>600</td>
</tr>
<tr>
<td></td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td><strong>Ever Had an HIV Test</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>141</td>
<td>276</td>
<td>417</td>
</tr>
<tr>
<td></td>
<td>70.5%</td>
<td>69.0%</td>
<td>69.5%</td>
</tr>
<tr>
<td>No</td>
<td>57</td>
<td>124</td>
<td>181</td>
</tr>
<tr>
<td></td>
<td>28.5%</td>
<td>31.0%</td>
<td>30.2%</td>
</tr>
<tr>
<td>Never heard about HIV</td>
<td>2</td>
<td>-</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>1.0%</td>
<td>-</td>
<td>0.3%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>200</td>
<td>400</td>
<td>600</td>
</tr>
<tr>
<td></td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td><strong>Voluntarily Underwent the HIV Test or because it was Required</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voluntarily</td>
<td>130</td>
<td>258</td>
<td>388</td>
</tr>
<tr>
<td></td>
<td>92.2%</td>
<td>93.5%</td>
<td>93.0%</td>
</tr>
<tr>
<td>Required</td>
<td>11</td>
<td>18</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>7.8%</td>
<td>6.5%</td>
<td>7.0%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>141</td>
<td>276</td>
<td>417</td>
</tr>
<tr>
<td></td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td><strong>Received HIV Test Result</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>136</td>
<td>264</td>
<td>400</td>
</tr>
<tr>
<td></td>
<td>96.5%</td>
<td>95.7%</td>
<td>95.9%</td>
</tr>
<tr>
<td>No</td>
<td>5</td>
<td>12</td>
<td>17</td>
</tr>
<tr>
<td></td>
<td>3.5%</td>
<td>4.3%</td>
<td>4.1%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>141</td>
<td>276</td>
<td>417</td>
</tr>
<tr>
<td></td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td><strong>Reason For not Receiving Test Result</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Forgot about it</td>
<td>2</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>40.0%</td>
<td>25.0%</td>
<td>29.4%</td>
</tr>
<tr>
<td>Felt unnecessary</td>
<td>-</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>-</td>
<td>25.0%</td>
<td>17.6%</td>
</tr>
<tr>
<td>Afraid of result</td>
<td>-</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>-</td>
<td>33.3%</td>
<td>23.5%</td>
</tr>
<tr>
<td>Sure of not being infected</td>
<td>1</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>20.0%</td>
<td>-</td>
<td>5.9%</td>
</tr>
<tr>
<td>Others</td>
<td>2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>40.0%</td>
<td>16.7%</td>
<td>23.5%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>5</td>
<td>12</td>
<td>17</td>
</tr>
<tr>
<td></td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td><strong>Most Recent HIV Test</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Within Last 12 months</td>
<td>126</td>
<td>234</td>
<td>360</td>
</tr>
<tr>
<td></td>
<td>89.4%</td>
<td>84.8%</td>
<td>86.3%</td>
</tr>
<tr>
<td>Between 1-2 years</td>
<td>11</td>
<td>27</td>
<td>38</td>
</tr>
<tr>
<td></td>
<td>7.8%</td>
<td>9.8%</td>
<td>9.1%</td>
</tr>
<tr>
<td>Between 2-4 years</td>
<td>1</td>
<td>12</td>
<td>13</td>
</tr>
<tr>
<td></td>
<td>0.7%</td>
<td>4.3%</td>
<td>3.1%</td>
</tr>
<tr>
<td>More than 4 years ago</td>
<td>3</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>2.1%</td>
<td>1.1%</td>
<td>1.4%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>141</td>
<td>276</td>
<td>417</td>
</tr>
<tr>
<td></td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
</tbody>
</table>
3.13 Access to FHI/Nepal Messages

Since the beginning of FHI intervention programs in Nepal to bring awareness about HIV/AIDS among the high-risk groups of people, various messages regarding the use of condoms for the prevention of HIV/AIDS and STIs were aired through radio and television. Elevated hoarding boards and posters were also put up with pictorial and rhetorical messages at different places, including health posts, highways and roadsides. In order to review the impact of such interventions, the sex workers were asked about their awareness of such information. Table 21 below illustrates the FHI messages and the responses provided by the sex workers regarding their awareness of the messages. More than 70 percent of the sex workers in the 6 districts were found to be aware of messages like “Condom Bata Surakchhya, Youn Swasthya Ko Rakchhya AIDS Ra Younrog Bata Bachna Sadhai Condom Ko Prayog Garau”, “Youn Rog Ra AIDS Bata Bachnalai Rakhnu Parchha Sarbatra Paine Condom Lai”. Similarly more than 70 percent of the sex workers in the 16 districts were found to be aware of messages like “Condom Bata Surakchhya, Youn Swasthya Ko Rakchhya AIDS Ra Younrog Bata Bachna Sadhai Condom Ko Prayog Garau”, “Youn Rog Ra AIDS Bata Bachnalai Rakhnu Parchha Sarbatra Paine Condom Lai” and “Ramro Sanga Prayog Gare Jokhim Huna Dinna Bharpardo Chhu Santosh Dinchhu Jhanjhat Manna Hunna”, and “Jhike Dai Chha Chhaina Condom”. A large proportion of the respondents were also aware of messages like “Condom Kina Ma Bhaya Hunna Ra” and “HIV/AIDS Bare Aajai Dekhee Kura Garau” (Table 21).

“Des Pardes” was more popular among the FSWs from the western and far western regions (6 districts) compared to the 16 districts in the east (Table 21).

<table>
<thead>
<tr>
<th>Heard/Seen/Read the Following Messages/Characters in Past One Year</th>
<th>2009</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6 Districts</td>
</tr>
<tr>
<td></td>
<td>N = 200</td>
</tr>
<tr>
<td>Condom Bata Surakchhya, Youn Swasthya Ko Rakchhya AIDS Ra Younrog Bata Bachna Sadhai Condom Ko Prayog Garau</td>
<td>153</td>
</tr>
<tr>
<td>Youn Rog Ra AIDS Bata Bachnalai Rakhnu Parchha Sarbatra Paine Condom Lai</td>
<td>151</td>
</tr>
<tr>
<td>Ramro Sanga Prayog Gare Jokhim Huna Dinna Bharpardo Chhu Santosh Dinchhu Jhanjhat Manna Hunna</td>
<td>140</td>
</tr>
<tr>
<td>Jhike Dai Chha Chhaina Condom</td>
<td>129</td>
</tr>
<tr>
<td>Condom Kina Ma Bhaya Hunna Ra</td>
<td>129</td>
</tr>
<tr>
<td>HIV/AIDS Bare Aajai Dekhee Kura Garau</td>
<td>130</td>
</tr>
<tr>
<td>Ek Apas Ka Kura</td>
<td>99</td>
</tr>
<tr>
<td>Maya Garaun Saddbhav Badaun</td>
<td>103</td>
</tr>
<tr>
<td>Des Pardes</td>
<td>115</td>
</tr>
</tbody>
</table>

*Note: The percentages add up to more than 100 because of multiple responses*
When the sex workers were further asked what information they derived from the FHI/Nepal messages, majority (96.2%) of them reported that condom use prevented the transmission of HIV and AIDS. Around 86 percent also said that they were aware that condom use helped in the prevention of STIs while 83.7 percent came to realize that the condom was a family planning device (Table 22).

### Table 22: Message Understood by Female Sex Workers

<table>
<thead>
<tr>
<th>Information Derived From the Message</th>
<th>2009</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6 Districts</td>
<td>16 Districts</td>
<td>Total 22 (Districts)</td>
<td>N</td>
</tr>
<tr>
<td>Condoms should be used to avoid HIV/AIDS</td>
<td>188</td>
<td>94.0</td>
<td>389</td>
<td>97.3</td>
</tr>
<tr>
<td>Condoms should be used to avoid STI</td>
<td>144</td>
<td>72.0</td>
<td>370</td>
<td>92.5</td>
</tr>
<tr>
<td>Condoms should be used for family planning, other family planning messages</td>
<td>164</td>
<td>82.0</td>
<td>338</td>
<td>84.5</td>
</tr>
<tr>
<td>Should use quality condom</td>
<td>-</td>
<td>-</td>
<td>1</td>
<td>0.3</td>
</tr>
<tr>
<td>HIV is a dangerous disease</td>
<td>-</td>
<td>-</td>
<td>1</td>
<td>0.3</td>
</tr>
</tbody>
</table>

Note: The percentages add up to more than 100 because of multiple responses.

#### 3.14 Knowledge and Treatment of Sexually Transmitted Infections (STIs)

Sex workers are at high risk of sexually transmitted infections due to the nature of their work. To know the extent of the problem of STIs among the respondents and their perception about them, they were asked about their understanding of STIs and if they had experienced any STI symptom during the past year. More than 50 percent of the respondents in the 6 districts knew about some STI symptoms like genital discharges (84.5%), sores or ulcers around the vagina (61%) and itching in the vagina (53.0%) (Table 23). On the other hand, more than 50 percent of the sex workers in the 16 districts understood genital discharges (90.5%), itching in the vagina (81.8 %), lower abdominal pain (66.3%) and sores around the vagina (59%) as being some of the symptoms of STI (Table 23). Respondents in the 16 districts were more aware about the symptoms of STI than the respondents in the 6 districts.
<table>
<thead>
<tr>
<th>Perception of STI, Reported STI Symptoms and Treatment Among the Sex Workers</th>
<th>2009</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N = 200</td>
<td>%</td>
<td>N = 400</td>
<td>%</td>
</tr>
<tr>
<td><strong>FSWs’ Understanding of STI</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>White discharge/discharge of pus/Dhatu flow</td>
<td>169</td>
<td>84.5</td>
<td>362</td>
<td>90.5</td>
</tr>
<tr>
<td>Itching in vagina</td>
<td>106</td>
<td>53.0</td>
<td>327</td>
<td>81.8</td>
</tr>
<tr>
<td>Lower abdominal pain</td>
<td>97</td>
<td>48.5</td>
<td>265</td>
<td>66.3</td>
</tr>
<tr>
<td>Ulcer or sore around vagina</td>
<td>122</td>
<td>61.0</td>
<td>236</td>
<td>59.0</td>
</tr>
<tr>
<td>Painful urination</td>
<td>40</td>
<td>20.0</td>
<td>144</td>
<td>36.0</td>
</tr>
<tr>
<td>Syphilis (Bhiringi)/gonorrhea</td>
<td>59</td>
<td>29.5</td>
<td>96</td>
<td>24.0</td>
</tr>
<tr>
<td>Burning during urination</td>
<td>38</td>
<td>19.0</td>
<td>114</td>
<td>28.5</td>
</tr>
<tr>
<td>Swelling of vagina</td>
<td>37</td>
<td>18.5</td>
<td>89</td>
<td>22.3</td>
</tr>
<tr>
<td>HIV/AIDS</td>
<td>64</td>
<td>32.0</td>
<td>51</td>
<td>12.8</td>
</tr>
<tr>
<td>Pain in vagina</td>
<td>27</td>
<td>13.5</td>
<td>86</td>
<td>21.5</td>
</tr>
<tr>
<td>Weight loss/ getting thin</td>
<td>14</td>
<td>7.0</td>
<td>41</td>
<td>10.3</td>
</tr>
<tr>
<td>Fever</td>
<td>21</td>
<td>10.5</td>
<td>33</td>
<td>8.3</td>
</tr>
<tr>
<td>Unusual bleeding from vagina</td>
<td>12</td>
<td>6.0</td>
<td>37</td>
<td>9.3</td>
</tr>
<tr>
<td>Bad odor from vagina</td>
<td>4</td>
<td>2.0</td>
<td>1</td>
<td>0.3</td>
</tr>
<tr>
<td>Small moles around vagina</td>
<td>3</td>
<td>1.5</td>
<td>1</td>
<td>0.3</td>
</tr>
<tr>
<td>Others (weakness, become sterile, etc.)</td>
<td>2</td>
<td>1.0</td>
<td>2</td>
<td>0.5</td>
</tr>
<tr>
<td>Don’t know</td>
<td>12</td>
<td>6.0</td>
<td>6</td>
<td>1.5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>200</td>
<td>*</td>
<td>400</td>
<td>*</td>
</tr>
<tr>
<td><strong>Types of STI Symptoms Experienced in the Past Year</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unusual heavy, foul smelling vaginal discharge</td>
<td>65</td>
<td>32.5</td>
<td>193</td>
<td>48.3</td>
</tr>
<tr>
<td>Pain in the lower abdomen</td>
<td>49</td>
<td>24.5</td>
<td>189</td>
<td>47.3</td>
</tr>
<tr>
<td>Itching in or around the vagina</td>
<td>39</td>
<td>19.5</td>
<td>142</td>
<td>35.5</td>
</tr>
<tr>
<td>Vaginal odor or smell</td>
<td>33</td>
<td>16.5</td>
<td>142</td>
<td>35.5</td>
</tr>
<tr>
<td>Pain during urination</td>
<td>31</td>
<td>15.5</td>
<td>126</td>
<td>31.5</td>
</tr>
<tr>
<td>Pain during sex</td>
<td>30</td>
<td>15.0</td>
<td>105</td>
<td>26.3</td>
</tr>
<tr>
<td>Frequent urination</td>
<td>18</td>
<td>9.0</td>
<td>75</td>
<td>18.8</td>
</tr>
<tr>
<td>Ulcer or sore in the genital area</td>
<td>20</td>
<td>10.0</td>
<td>63</td>
<td>15.8</td>
</tr>
<tr>
<td>Genital warts</td>
<td>16</td>
<td>8.0</td>
<td>31</td>
<td>7.8</td>
</tr>
<tr>
<td>Vaginal bleeding (unusual)</td>
<td>2</td>
<td>1.0</td>
<td>26</td>
<td>6.5</td>
</tr>
<tr>
<td>Others</td>
<td>1</td>
<td>0.5</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Any of the above symptoms</td>
<td>107</td>
<td>53.5</td>
<td>267</td>
<td>66.8</td>
</tr>
<tr>
<td>None of the above symptoms</td>
<td>93</td>
<td>46.5</td>
<td>133</td>
<td>33.3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>200</td>
<td>*</td>
<td>400</td>
<td>*</td>
</tr>
</tbody>
</table>
When the respondents were asked about the STI symptoms they have had in the past year, 62.3 percent of them reported having experienced at least one symptom mentioned in Table 23. Other STI symptoms reported by the respondents in the past year were vaginal discharge (43.0%), lower abdominal pain (39.7%), vaginal itching (30.2%) and vaginal odor (29.2%) (Table 23). For treatment purposes, the respondents in the 16 districts had mostly visited the GWP clinic (28.4%) while in the 6 districts, 38.5 percent had visited the NSARC clinic (Table 23).
As shown in Table 23, majority of the sex workers (96.6% or 227/235) who had sought treatment had received counseling. In the 6 districts, sex workers were counseled to take medicines regularly (87.2%), undergo regular check-ups (51.1%) and use condoms during sex (46.8%). In the 16 districts, they were counseled to take medicines regularly (83.9%), get regular check-ups (68.3%), use condoms during sex (61.1%) and reduce the number of sexual partners (60.0%).

Apart from their experiences in the past year, the sex workers were further asked if they were currently experiencing any STI symptoms. Some of the symptoms that the respondents in the 6 districts were currently experiencing were vaginal discharge (22%), lower abdominal pain (16.5%) and pain during sex (13%). Respondents in the 16 districts had symptoms like lower abdominal pain (36%), vaginal discharge (35.8%), vaginal odor (26%) and pain during urination (23.8%) (Table 24).

### Table 24: Reported STI Symptom/s at the Time of Survey and their Treatment

<table>
<thead>
<tr>
<th>Types of STI Symptoms Experienced Currently</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td>N = 200 %</td>
<td>N = 400 %</td>
<td>N = 600 %</td>
<td></td>
</tr>
<tr>
<td>Unusual heavy, foul smelling vaginal discharge</td>
<td>44 22.0</td>
<td>143 35.8</td>
<td>187 31.2</td>
</tr>
<tr>
<td>Pain in the lower abdomen</td>
<td>33 16.5</td>
<td>144 36.0</td>
<td>177 29.5</td>
</tr>
<tr>
<td>Vaginal odor or smell</td>
<td>23 11.5</td>
<td>104 26.0</td>
<td>127 21.2</td>
</tr>
<tr>
<td>Pain during urination.</td>
<td>24 12.0</td>
<td>95 23.8</td>
<td>119 19.8</td>
</tr>
<tr>
<td>Pain during sex</td>
<td>26 13.0</td>
<td>88 22.0</td>
<td>114 19.0</td>
</tr>
<tr>
<td>Itching in or around the vagina</td>
<td>23 11.5</td>
<td>91 22.8</td>
<td>114 19.0</td>
</tr>
<tr>
<td>Frequent urination</td>
<td>19 9.5</td>
<td>63 15.8</td>
<td>82 13.7</td>
</tr>
<tr>
<td>Ulcer or sore in the genital area</td>
<td>4 2.0</td>
<td>35 8.8</td>
<td>39 6.5</td>
</tr>
<tr>
<td>Genital warts</td>
<td>7 3.5</td>
<td>20 5.0</td>
<td>27 4.5</td>
</tr>
<tr>
<td>Vaginal bleeding (unusual).</td>
<td>6 3.0</td>
<td>12 3.0</td>
<td>18 3.0</td>
</tr>
<tr>
<td>Others</td>
<td>1 0.5</td>
<td>-</td>
<td>1 0.2</td>
</tr>
<tr>
<td>Total</td>
<td>200 *</td>
<td>400 *</td>
<td>600 *</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Went for Treatment for any of above Symptoms</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td>N = 200 %</td>
<td>N = 400 %</td>
<td>N = 600 %</td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>11 13.9</td>
<td>83 36.4</td>
<td>94 30.6</td>
</tr>
<tr>
<td>No</td>
<td>68 86.1</td>
<td>145 63.6</td>
<td>213 69.4</td>
</tr>
<tr>
<td>Total</td>
<td>79 100.0</td>
<td>228 100.0</td>
<td>307 100.0</td>
</tr>
</tbody>
</table>
Table 24: Perception of STI, Reported STI Symptoms and Treatment among Sex Workers

<table>
<thead>
<tr>
<th>Place Visited for Treatment</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N = 200</td>
<td>N = 400</td>
<td>N = 600</td>
</tr>
<tr>
<td></td>
<td>%</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>Private clinic</td>
<td>2</td>
<td>15</td>
<td>17</td>
</tr>
<tr>
<td>GWP</td>
<td>-</td>
<td>14</td>
<td>14</td>
</tr>
<tr>
<td>AMDA clinic</td>
<td>-</td>
<td>11</td>
<td>11</td>
</tr>
<tr>
<td>Sahabhagi</td>
<td>-</td>
<td>11</td>
<td>11</td>
</tr>
<tr>
<td>Hospital</td>
<td>-</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>WATCH</td>
<td>2</td>
<td>18.2</td>
<td>18.1</td>
</tr>
<tr>
<td>Indreni Sewa Samaj</td>
<td>-</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>Health Post/Health Center</td>
<td>1</td>
<td>9.1</td>
<td>3</td>
</tr>
<tr>
<td>FPAN clinic</td>
<td>2</td>
<td>18.2</td>
<td>1</td>
</tr>
<tr>
<td>Pharmacy</td>
<td>1</td>
<td>9.1</td>
<td>2</td>
</tr>
<tr>
<td>NSARC</td>
<td>3</td>
<td>27.3</td>
<td>-</td>
</tr>
<tr>
<td>RDF</td>
<td>-</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>MRMG</td>
<td>-</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>SACTS</td>
<td>-</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Self treatment</td>
<td>-</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Sahara Nepal</td>
<td>-</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>MAPS</td>
<td>-</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Total</td>
<td>11 *</td>
<td>83 *</td>
<td>94 *</td>
</tr>
</tbody>
</table>

*Note: The percentages add up to more than 100 because of multiple responses*

3.15 Use of Alcohol and Drugs

A series of questions were asked to the sex workers regarding the use of alcohol and oral and injecting drugs. Almost three-fourths of the sex workers had consumed alcohol sometime during the past one month. Among them, 22.5 percent of the sex workers admitted taking alcohol on a daily basis. Others drank less frequently (Table 25). Close to a tenth of the respondents (9.8%) had tried some type of drug at least once.

Table 25: Use of Alcohol and Drugs among Female Sex Workers

<table>
<thead>
<tr>
<th>Consumption of Alcohol and Drugs</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N = 200</td>
<td>N = 400</td>
<td>N = 600</td>
</tr>
<tr>
<td></td>
<td>%</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td><strong>Consumption of Alcohol During Past One Month</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Everyday</td>
<td>26</td>
<td>13.0</td>
<td>109</td>
</tr>
<tr>
<td>2-3 times a week</td>
<td>56</td>
<td>28.0</td>
<td>137</td>
</tr>
<tr>
<td>At least once a week</td>
<td>13</td>
<td>6.5</td>
<td>28</td>
</tr>
<tr>
<td>Less than once in a week</td>
<td>28</td>
<td>14.0</td>
<td>48</td>
</tr>
<tr>
<td>Never</td>
<td>77</td>
<td>38.5</td>
<td>78</td>
</tr>
<tr>
<td><strong>Tried Any Types of Drugs</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>8</td>
<td>4.0</td>
<td>51</td>
</tr>
<tr>
<td>No</td>
<td>192</td>
<td>96.0</td>
<td>348</td>
</tr>
</tbody>
</table>

44
Of the 600 respondents, 187 (31.2%) reported that they knew someone who injected drugs. The IDUs were their friends, local acquaintances, relatives, clients and/or their spouses. Eighteen sex workers also admitted having sex in exchange for drugs while 12 had engaged in sexual contact for money to buy drugs at least once.

Table 26: Knowledge of IDUs and History of Injecting Drugs among Female Sex Workers

<table>
<thead>
<tr>
<th>Use of Injecting Drugs</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Know Injecting Drug Users (IDUs)</td>
<td>N = 200</td>
<td>N = 400</td>
<td>N = 600</td>
</tr>
<tr>
<td>Yes</td>
<td>59</td>
<td>29.5</td>
<td>128</td>
</tr>
<tr>
<td>No</td>
<td>141</td>
<td>70.5</td>
<td>272</td>
</tr>
<tr>
<td>Relationship with Known IDUs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Neighbor/male from village/someone not related to</td>
<td>40</td>
<td>20.0</td>
<td>92</td>
</tr>
<tr>
<td>Friend</td>
<td>6</td>
<td>3.0</td>
<td>36</td>
</tr>
<tr>
<td>Client</td>
<td>9</td>
<td>4.5</td>
<td>12</td>
</tr>
<tr>
<td>Relative</td>
<td>6</td>
<td>3.0</td>
<td>6</td>
</tr>
<tr>
<td>Family</td>
<td>1</td>
<td>0.5</td>
<td>2</td>
</tr>
<tr>
<td>Co-workers</td>
<td>-</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td>Injecting History of Sex Workers</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ever exchanged sex for drugs</td>
<td>7</td>
<td>3.5</td>
<td>11</td>
</tr>
<tr>
<td>Ever exchanged sex for money to buy drugs</td>
<td>4</td>
<td>2.0</td>
<td>8</td>
</tr>
</tbody>
</table>

3.16 Exposure to HIV/AIDS Awareness Programs

3.16.1 Peer/Outreach Education

When the sex workers were asked if they had met any OEs (Outreach Educator) or PEs (Peer Educator) in the last 12 months, 87.2 percent reported having met or interacted with them at least once. Their interaction focused on HIV/AIDS transmission methods (90.6%), use of the condom (79.9%), STI transmission (59.1%) and demonstration of the correct use of the condom (51.6%). The respondents from the 6 districts had mostly met the OEs/PEs from Thagil (44.2%) and ICH (34.9%) while those from the 16 districts had interacted with the OEs/PEs mostly from GWP (24.2%) and SIDC (20.2%). It is evident from Table 27 that the sex workers meet the OEs/PEs quite often. Some 62.2 percent of the 523 sex workers had seen them 4-12 or more times in the last 12 months.
Table 27: Meeting/Interaction of FSWs with Peer Educator/Outreach Educator

<table>
<thead>
<tr>
<th>Peer Educator/Outreach Educator Visit to Female Sex Workers</th>
<th>2009</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6 Districts</td>
<td>16 Districts</td>
</tr>
<tr>
<td>Met or Discussed or Interacted with PEs or OEs in the Last 12 Months</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>172</td>
<td>86.0</td>
</tr>
<tr>
<td>No</td>
<td>28</td>
<td>14.0</td>
</tr>
<tr>
<td>Total</td>
<td>200</td>
<td>100.0</td>
</tr>
<tr>
<td>Activities Involved with PEs or OEs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Discussion on how HIV/AIDS is/isn’t transmitted</td>
<td>160</td>
<td>93.0</td>
</tr>
<tr>
<td>Regular/non-regular use of condom</td>
<td>141</td>
<td>82.0</td>
</tr>
<tr>
<td>Discussion on how STI is/isn’t transmitted</td>
<td>75</td>
<td>43.6</td>
</tr>
<tr>
<td>Demonstration on using condom correctly</td>
<td>73</td>
<td>42.4</td>
</tr>
<tr>
<td>STI treatment/cure after treatment</td>
<td>20</td>
<td>11.6</td>
</tr>
<tr>
<td>Counseling on reducing number of sex partner</td>
<td>12</td>
<td>7.0</td>
</tr>
<tr>
<td>Training on HIV and STI, Condom Day, AIDS Day, participation in discussions and interaction programs</td>
<td>32</td>
<td>18.6</td>
</tr>
<tr>
<td>Health check-up</td>
<td>1</td>
<td>0.6</td>
</tr>
<tr>
<td>Total</td>
<td>172</td>
<td>*</td>
</tr>
<tr>
<td>Organizations Represented by PEs or OEs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GWP</td>
<td>24</td>
<td>14.0</td>
</tr>
<tr>
<td>Thagil</td>
<td>76</td>
<td>44.2</td>
</tr>
<tr>
<td>SIDC</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>WATCH</td>
<td>14</td>
<td>8.1</td>
</tr>
<tr>
<td>ICH</td>
<td>60</td>
<td>34.9</td>
</tr>
<tr>
<td>Indreni Sewa Samaj</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sahara Nepal</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>NSARC</td>
<td>32</td>
<td>18.6</td>
</tr>
<tr>
<td>RDF</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sahabhagi</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>AMDA</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>NRCS</td>
<td>6</td>
<td>3.5</td>
</tr>
<tr>
<td>Nepal Family Planning Association</td>
<td>2</td>
<td>1.2</td>
</tr>
<tr>
<td>Asha Kiran</td>
<td>4</td>
<td>2.3</td>
</tr>
<tr>
<td>CRS</td>
<td>2</td>
<td>1.2</td>
</tr>
<tr>
<td>PSI</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sathi Sanstha</td>
<td>1</td>
<td>0.6</td>
</tr>
<tr>
<td>Trinetra</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>SACTS</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Diyalo</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Geruwa</td>
<td>1</td>
<td>0.6</td>
</tr>
<tr>
<td>LDC</td>
<td>1</td>
<td>0.6</td>
</tr>
<tr>
<td>Astha Plus</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>MRMG</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Don’t know</td>
<td>2</td>
<td>1.2</td>
</tr>
<tr>
<td>Total</td>
<td>172</td>
<td>*</td>
</tr>
</tbody>
</table>
Table 27: Con'td...

<table>
<thead>
<tr>
<th>Peer Educator/Outreach Educator Visit to Female Sex Workers</th>
<th>2009</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6 Districts</td>
</tr>
<tr>
<td></td>
<td>N = 200</td>
</tr>
<tr>
<td><strong>Number of Visits/Meetings in the Last 12 months</strong></td>
<td></td>
</tr>
<tr>
<td>Once</td>
<td>7</td>
</tr>
<tr>
<td>2-3 times</td>
<td>55</td>
</tr>
<tr>
<td>4-6 times</td>
<td>43</td>
</tr>
<tr>
<td>7-12 times</td>
<td>22</td>
</tr>
<tr>
<td>More than 12 times</td>
<td>45</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>172</td>
</tr>
</tbody>
</table>

*Note: The percentages add up to more than 100 because of multiple responses*

3.16.2 Drop-in Centers

Drop-in centers (DIC) are an important component of HIV prevention programs. The DICs not only provide a safe place for the target communities to socialise in but also offer educational and counseling activities. About half (50.5%) of the respondents had visited a DIC during the last year. During their visits to a DIC, the respondents had participated in discussions on HIV/AIDS transmission (66.7%), learnt the correct way of using a condom (62.7%) and collected condoms (53.1%) as well. It was also reported that only 25.3 percent of the FSWs in the 6 districts participated in the discussion on STI transmission methods in comparison to 61.8 percent in the 16 districts. In the 16 districts, the respondents had mostly visited the DICs run by SIDC (25%). In the 6 districts, the DICs were run by Thagil (44.4%) and ICH (40.4%). Almost 85 percent of the respondents had visited the different DICs twice or more times in the past year (Table 28).

Table 28: DIC Visiting Practices of Female Sex Workers

<table>
<thead>
<tr>
<th>DIC Visiting Practices of Female Sex Workers</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N = 200</td>
<td>%</td>
<td>N = 400</td>
</tr>
<tr>
<td><strong>DIC Visit in the Last 12 Months</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>99</td>
<td>49.5</td>
<td>204</td>
</tr>
<tr>
<td>No</td>
<td>101</td>
<td>50.5</td>
<td>196</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>200</td>
<td>100.0</td>
<td>400</td>
</tr>
<tr>
<td><strong>Activities Involved at DIC</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Participated in discussion on HIV transmission</td>
<td>65</td>
<td>65.7</td>
<td>137</td>
</tr>
<tr>
<td>Went to learn the correct way of using condom</td>
<td>55</td>
<td>55.6</td>
<td>135</td>
</tr>
<tr>
<td>Went to collect condoms</td>
<td>65</td>
<td>65.7</td>
<td>96</td>
</tr>
<tr>
<td>Participated in discussion on STI transmission</td>
<td>25</td>
<td>25.3</td>
<td>126</td>
</tr>
<tr>
<td>Went to watch film on HIV/AIDS</td>
<td>50</td>
<td>50.5</td>
<td>98</td>
</tr>
<tr>
<td>Participated in training, interaction and discussion programs on HIV/AIDS and STI</td>
<td>34</td>
<td>34.3</td>
<td>35</td>
</tr>
<tr>
<td>Took a friend with me</td>
<td>18</td>
<td>18.2</td>
<td>21</td>
</tr>
<tr>
<td>Went for STI treatment</td>
<td>1</td>
<td>1.0</td>
<td>19</td>
</tr>
<tr>
<td>Went to collect IEC materials</td>
<td>10</td>
<td>10.1</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>99</td>
<td>*</td>
<td>204</td>
</tr>
</tbody>
</table>
### Table 28: Con'td...

<table>
<thead>
<tr>
<th>Name of Organizations Running DICs Visited by FSWs</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N = 200</td>
<td>%</td>
<td>N = 400</td>
</tr>
<tr>
<td>SIDC</td>
<td>-</td>
<td>-</td>
<td>51</td>
</tr>
<tr>
<td>GWP</td>
<td>11</td>
<td>11.1</td>
<td>33</td>
</tr>
<tr>
<td>Thagil</td>
<td>44</td>
<td>44.4</td>
<td>-</td>
</tr>
<tr>
<td>ICH</td>
<td>40</td>
<td>40.4</td>
<td>-</td>
</tr>
<tr>
<td>Indreni Sewa Samaj</td>
<td>-</td>
<td>-</td>
<td>38</td>
</tr>
<tr>
<td>RDF</td>
<td>-</td>
<td>-</td>
<td>25</td>
</tr>
<tr>
<td>Sahara Nepal</td>
<td>-</td>
<td>-</td>
<td>25</td>
</tr>
<tr>
<td>WATCH</td>
<td>6</td>
<td>6.1</td>
<td>14</td>
</tr>
<tr>
<td>Sahabaghi</td>
<td>-</td>
<td>-</td>
<td>16</td>
</tr>
<tr>
<td>NSARC</td>
<td>12</td>
<td>12.1</td>
<td>-</td>
</tr>
<tr>
<td>AMDA</td>
<td>-</td>
<td>-</td>
<td>6</td>
</tr>
<tr>
<td>Nepal Family Planning Association</td>
<td>3</td>
<td>3.0</td>
<td>-</td>
</tr>
<tr>
<td>NRCS</td>
<td>2</td>
<td>2.0</td>
<td>-</td>
</tr>
<tr>
<td>CRS</td>
<td>1</td>
<td>1.0</td>
<td>1</td>
</tr>
<tr>
<td>Others</td>
<td>-</td>
<td>-</td>
<td>7</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>99</td>
<td>*</td>
<td>204</td>
</tr>
</tbody>
</table>

Number of Visits to a DIC in the Last 12 Months

<table>
<thead>
<tr>
<th></th>
<th>Once</th>
<th>2-3 times</th>
<th>4-6 times</th>
<th>7-12 times</th>
<th>More than 12 times</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total</strong></td>
<td>99</td>
<td>100.0</td>
<td>204</td>
<td>100.0</td>
<td>303</td>
</tr>
</tbody>
</table>

*Note: The percentages add up to more than 100 because of multiple responses*

#### 3.16.3 STI Clinic

Detection and treatment of STIs in the early stages could prevent many health hazards and HIV infection as well. Several STI clinics are being run today by different organizations, including FHI, to facilitate such treatment. The sex workers were asked if they had visited any STI clinic in the past one year. Altogether 45.3 percent of them reported having visited a STI clinic in the past one year. The respondents included 39 percent from the 6 districts and 48.5 percent from the 16 districts. During their visits to a STI clinic in the past one year, the respondents in the 6 districts had undergone blood tests for STI detection (74.4%), been examined physically for STI identification (64.1%), been advised to use a condom during each sexual intercourse (35.9%) and to take all the prescribed medicines (26.9%) regularly. Whereas in the 16 districts, 80.4% of the respondents underwent a blood test for STI detection, 77.3% had a physical examination for STI identification, 61.3% were advised to use a condom during each sexual intercourse and 50.5% were counseled to take all the prescribed medicines regularly (50.5%).

Exactly 50 percent of the respondents from the 6 districts had visited a STI clinic run by NSARC and 54 percent from the 16 districts had been to a STI clinic run by GWP. Overall, 37.1 percent of the respondents had visited such a clinic once in the last 12 months (Table 29).
<table>
<thead>
<tr>
<th>STI Clinic Visiting Practices of Female Sex Workers</th>
<th>2009</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6 Districts</td>
</tr>
<tr>
<td></td>
<td>N = 200 %</td>
</tr>
<tr>
<td>Visited any STI Clinic in the Last 12 months</td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>78 39.0</td>
</tr>
<tr>
<td>No</td>
<td>122 61.0</td>
</tr>
<tr>
<td>Total</td>
<td>200 100.0</td>
</tr>
<tr>
<td>Activities Involved in STI Clinic</td>
<td></td>
</tr>
<tr>
<td>Blood tested for STI</td>
<td>58 74.4</td>
</tr>
<tr>
<td>Physical examination conducted for STI identificaction</td>
<td>50 64.1</td>
</tr>
<tr>
<td>Was advised to use condom in each sexual intercourse</td>
<td>28 35.9</td>
</tr>
<tr>
<td>Was advised to take complete and regular medicine</td>
<td>21 26.9</td>
</tr>
<tr>
<td>Was suggested to reduce number of sexual partners</td>
<td>4 5.1</td>
</tr>
<tr>
<td>Took a friend with me</td>
<td>6 7.7</td>
</tr>
<tr>
<td>Urine tested</td>
<td>- -</td>
</tr>
<tr>
<td>Brought a sex partner for a check-up</td>
<td>1 1.3</td>
</tr>
<tr>
<td>Total</td>
<td>78 *</td>
</tr>
<tr>
<td>Name of Organization that Runs STI Clinic Visited</td>
<td></td>
</tr>
<tr>
<td>GWP</td>
<td>5 6.4</td>
</tr>
<tr>
<td>N-SARC</td>
<td>39 14.3</td>
</tr>
<tr>
<td>WATCH</td>
<td>10 12.8</td>
</tr>
<tr>
<td>Private clinic</td>
<td>8 10.3</td>
</tr>
<tr>
<td>Sahabhagi</td>
<td>- -</td>
</tr>
<tr>
<td>SIDC</td>
<td>- -</td>
</tr>
<tr>
<td>Indreni Sewa Samaj</td>
<td>- -</td>
</tr>
<tr>
<td>Hospital</td>
<td>5 6.4</td>
</tr>
<tr>
<td>Nepal Family Planning Association</td>
<td>14 17.9</td>
</tr>
<tr>
<td>Sahara Nepal</td>
<td>- -</td>
</tr>
<tr>
<td>RDF</td>
<td>- -</td>
</tr>
<tr>
<td>AMDA</td>
<td>- -</td>
</tr>
<tr>
<td>Others</td>
<td>5 6.4</td>
</tr>
<tr>
<td>Don’t know</td>
<td>- -</td>
</tr>
<tr>
<td>Total</td>
<td>78 *</td>
</tr>
</tbody>
</table>
Table 29: Cont’d…

<table>
<thead>
<tr>
<th>STI Clinic Visiting Practices of Female Sex Workers</th>
<th>2009</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6 Districts</td>
<td>16 Districts</td>
<td>Total 22 (Districts)</td>
<td>(Districts)</td>
<td></td>
</tr>
<tr>
<td>Number of Visits to a STI Clinic in the Last 12 months</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Once</td>
<td>36</td>
<td>46.2</td>
<td>65</td>
<td>33.5</td>
<td>101</td>
</tr>
<tr>
<td>2-3 times</td>
<td>31</td>
<td>39.7</td>
<td>95</td>
<td>49.0</td>
<td>126</td>
</tr>
<tr>
<td>4-6 times</td>
<td>9</td>
<td>11.5</td>
<td>21</td>
<td>10.8</td>
<td>30</td>
</tr>
<tr>
<td>7-12 times</td>
<td>2</td>
<td>2.6</td>
<td>13</td>
<td>6.7</td>
<td>15</td>
</tr>
<tr>
<td>Total</td>
<td>78</td>
<td>100.0</td>
<td>194</td>
<td>100.0</td>
<td>272</td>
</tr>
</tbody>
</table>

*Note: The percentages add up to more than 100 because of multiple responses*

3.16.4 VCT Centers

Among the sample population, approximately 65.2 percent had visited a Voluntary Counseling and Testing (VCT) center during the past year. Those visiting such a center included 67.3 percent of the respondents from the 16 districts and 61 percent from the 6 districts. Among them, 89.8 percent had undergone HIV testing, 67.8 percent had received post HIV/AIDS test counseling, 67.5 percent had received HIV test results and 67.3 had received pre HIV/AIDS test counseling.

In the 6 districts, 59.8 percent of the respondents had visited the VCT centers run by NSARC while in the 16 districts, the respondents had mostly visited the centers operated by GWP (27.9%). Altogether 21.2 percent of the sex workers had visited such a VCT center once in the last 12 months.

Table 30: VCT Visiting Practices of Female Sex Workers

<table>
<thead>
<tr>
<th>VCT Visiting Practices of Female Sex Workers</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N = 200  %</td>
<td>N = 400  %</td>
<td>N = 600  %</td>
</tr>
<tr>
<td>Visited VCT Center in the Last 12 months</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>122  61.0</td>
<td>269  67.3</td>
<td>391  65.2</td>
</tr>
<tr>
<td>No</td>
<td>78  39.0</td>
<td>131  32.8</td>
<td>209  34.8</td>
</tr>
<tr>
<td>Total</td>
<td>200 100.0</td>
<td>400 100.0</td>
<td>600 100.0</td>
</tr>
</tbody>
</table>

| Activities Involved at VCT Center            |             |              |                      |
| Blood sample taken for HIV/AIDS test         | 117 95.9    | 234 87.0    | 351 89.8            |
| Received post HIV/AIDS test counseling       | 78 63.9     | 187 69.5    | 265 67.8            |
| Received HIV/AIDS test result                | 101 82.8    | 163 60.6    | 264 67.5            |
| Received pre-HIV/AIDS test counseling        | 89 73.0     | 174 64.7    | 263 67.3            |
| Received counseling on using condom correctly in each sexual intercourse | 33 27.0 | 134 49.8 | 167 42.7 |
| Got information on HIV/AIDS window period    | 18 14.8     | 95 35.3     | 113 28.9            |
| Took a friend with me                        | 8 6.6       | 24 8.9      | 32 8.2              |
| Went there to remove stuck condom            | - 0.4       | 1 0.4       | 1 0.3               |
| Total                                       | 122 *       | 269 *       | 391 *               |
Table 30: Con'td…

<table>
<thead>
<tr>
<th>VCT Visiting Practices of Female Sex Workers</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N = 200</td>
<td>%</td>
<td>N = 400</td>
</tr>
<tr>
<td><strong>Name of the Organization Running the VCT Visited</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GWP</td>
<td>6</td>
<td>4.9</td>
<td>75</td>
</tr>
<tr>
<td>NSARC</td>
<td>73</td>
<td>59.8</td>
<td>-</td>
</tr>
<tr>
<td>WATCH</td>
<td>13</td>
<td>10.7</td>
<td>43</td>
</tr>
<tr>
<td>SIDC</td>
<td>-</td>
<td>-</td>
<td>49</td>
</tr>
<tr>
<td>Indreni Sewa Samaj</td>
<td>-</td>
<td>-</td>
<td>32</td>
</tr>
<tr>
<td>Sahara Nepal</td>
<td>-</td>
<td>-</td>
<td>23</td>
</tr>
<tr>
<td>Nepal Family Planning Association</td>
<td>21</td>
<td>17.2</td>
<td>1</td>
</tr>
<tr>
<td>RDF</td>
<td>-</td>
<td>-</td>
<td>22</td>
</tr>
<tr>
<td>Sahabhagi</td>
<td>-</td>
<td>-</td>
<td>21</td>
</tr>
<tr>
<td>AMDA</td>
<td>-</td>
<td>-</td>
<td>11</td>
</tr>
<tr>
<td>NNSWA</td>
<td>8</td>
<td>6.6</td>
<td>-</td>
</tr>
<tr>
<td>Nepal Red cross society</td>
<td>1</td>
<td>0.8</td>
<td>3</td>
</tr>
<tr>
<td>Dang Plus</td>
<td>4</td>
<td>3.3</td>
<td>-</td>
</tr>
<tr>
<td>Geruwa Rural Jagaran Association</td>
<td>4</td>
<td>3.3</td>
<td>-</td>
</tr>
<tr>
<td>Others</td>
<td>2</td>
<td>1.6</td>
<td>6</td>
</tr>
<tr>
<td>Don’t know</td>
<td>-</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>122</td>
<td>*</td>
<td>269</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Number of Visits to a VCT in the Last 12 Months</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N = 200</td>
<td>%</td>
<td>N = 400</td>
</tr>
<tr>
<td>Once</td>
<td>36</td>
<td>29.5</td>
<td>47</td>
</tr>
<tr>
<td>2-3 times</td>
<td>63</td>
<td>51.6</td>
<td>123</td>
</tr>
<tr>
<td>4-6 times</td>
<td>16</td>
<td>13.1</td>
<td>60</td>
</tr>
<tr>
<td>7-12 times</td>
<td>7</td>
<td>5.7</td>
<td>33</td>
</tr>
<tr>
<td>More than 12 times</td>
<td>-</td>
<td>-</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>122</td>
<td>100.0</td>
<td>269</td>
</tr>
</tbody>
</table>

*Note: The percentages add up to more than 100 because of multiple responses.*

3.16.5 Participation in HIV/AIDS Awareness Program

It was reported that participation of the sex workers in the different HIV/AIDS awareness raising programs was minimal, with only 33.7 percent of them participating in them in the past 12 months. There were more respondents from the 6 districts (51.5%) than from the 16 districts (24.8%) in such programs. The respondents had participated in group discussions (57.9%), HIV/AIDS-related training (51.5%) and in Condom Day celebrations (43.1%). Thagil (38.8%) had conducted most of these activities in the 6 districts while in the 16 districts, it was GWP (33.3%) that took the initiative. The sex workers also named other organizations (Table 31). Among them, 41.6 percent had participated in such programs 2-3 times while 23.3 percent had participated just once in the last 12 months.
Table 31: Participation of Female Sex Workers in STI/HIV/AIDS Awareness Program

<table>
<thead>
<tr>
<th>Participations of FSWs in HIV/AIDS Awareness Programs</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>N = 200</strong></td>
<td><strong>%</strong></td>
<td><strong>N = 400</strong></td>
<td><strong>%</strong></td>
</tr>
<tr>
<td><strong>Ever Participated in HIV/AIDS Awareness Raising Program or Community Events in the Last 12 Months</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>103</td>
<td>51.5</td>
<td>99</td>
</tr>
<tr>
<td>No</td>
<td>97</td>
<td>48.5</td>
<td>301</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>200</td>
<td>100.0</td>
<td>400</td>
</tr>
<tr>
<td><strong>Activities Participated in</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Group discussions</td>
<td>55</td>
<td>53.4</td>
<td>62</td>
</tr>
<tr>
<td>HIV/AIDS-related training</td>
<td>61</td>
<td>59.2</td>
<td>43</td>
</tr>
<tr>
<td>Condom Day</td>
<td>43</td>
<td>41.7</td>
<td>44</td>
</tr>
<tr>
<td>AIDS Day</td>
<td>37</td>
<td>35.9</td>
<td>40</td>
</tr>
<tr>
<td>Condom use demonstrations</td>
<td>21</td>
<td>20.4</td>
<td>32</td>
</tr>
<tr>
<td>HIV/AIDS-related Workshops</td>
<td>8</td>
<td>7.8</td>
<td>33</td>
</tr>
<tr>
<td>Street drama</td>
<td>13</td>
<td>12.6</td>
<td>25</td>
</tr>
<tr>
<td>Video shows</td>
<td>6</td>
<td>5.8</td>
<td>19</td>
</tr>
<tr>
<td>Talk programs</td>
<td>1</td>
<td>1.0</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>103</td>
<td>*</td>
<td>99</td>
</tr>
<tr>
<td><strong>Name of the Organization Organizing Such Activities</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GWP</td>
<td>13</td>
<td>12.6</td>
<td>34</td>
</tr>
<tr>
<td>Thagil</td>
<td>40</td>
<td>38.8</td>
<td>-</td>
</tr>
<tr>
<td>ICH</td>
<td>35</td>
<td>34.0</td>
<td>-</td>
</tr>
<tr>
<td>WATCH</td>
<td>10</td>
<td>9.7</td>
<td>12</td>
</tr>
<tr>
<td>Indreni Sewa Samaj</td>
<td>-</td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>Sahabagli</td>
<td>-</td>
<td></td>
<td>14</td>
</tr>
<tr>
<td>NSARC</td>
<td>12</td>
<td>11.7</td>
<td>-</td>
</tr>
<tr>
<td>Nepal Family Planning Association</td>
<td>9</td>
<td>8.7</td>
<td>3</td>
</tr>
<tr>
<td>RDF</td>
<td>-</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>AMDA</td>
<td>-</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>NRCS</td>
<td>2</td>
<td>1.9</td>
<td>1</td>
</tr>
<tr>
<td>Maiti Nepal</td>
<td>1</td>
<td>1.0</td>
<td>2</td>
</tr>
<tr>
<td>Female Empowerment</td>
<td>-</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Sahara Nepal</td>
<td>-</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>SIDC</td>
<td>-</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Others</td>
<td>8</td>
<td>7.8</td>
<td>10</td>
</tr>
<tr>
<td>Don’t know</td>
<td>2</td>
<td>1.9</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>103</td>
<td>*</td>
<td>99</td>
</tr>
</tbody>
</table>

52
Table 31: Con'td…

<table>
<thead>
<tr>
<th>Participations of FSWs in HIV/AIDS Awareness Programs</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N = 200</td>
<td>%</td>
<td>N = 400</td>
</tr>
<tr>
<td>Frequency of Such Participation in the Last 12 months</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Once</td>
<td>23</td>
<td>22.3</td>
<td>24</td>
</tr>
<tr>
<td>2-3 times</td>
<td>48</td>
<td>46.6</td>
<td>36</td>
</tr>
<tr>
<td>4-6 times</td>
<td>22</td>
<td>21.4</td>
<td>18</td>
</tr>
<tr>
<td>7-12 times</td>
<td>3</td>
<td>2.9</td>
<td>7</td>
</tr>
<tr>
<td>More than 12 times</td>
<td>1</td>
<td>1.0</td>
<td>2</td>
</tr>
<tr>
<td>Not participated in the last one year</td>
<td>6</td>
<td>5.8</td>
<td>12</td>
</tr>
<tr>
<td>Total</td>
<td>103</td>
<td>100.0</td>
<td>99</td>
</tr>
</tbody>
</table>

*Note: The percentages add up to more than 100 because of multiple responses*

3.17 Stigma and Discrimination

A series of questions related to attitude towards HIV positive people and their perception towards HIV/AIDS were asked to the FSWs in the survey. More than 85 percent of the sex workers were willing to take care of any of their male or female relatives with HIV if the need arose. Almost 50 percent mentioned that if they had a HIV positive member in the family, they would not mind talking about it to others.

Table 32: Attitude of FSWs towards HIV Positive People

<table>
<thead>
<tr>
<th>Stigma and Discrimination</th>
<th>6 Districts</th>
<th>16 Districts</th>
<th>Total 22 (Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N = 200</td>
<td>%</td>
<td>N = 400</td>
</tr>
<tr>
<td>Willing to Take Care of HIV Positive Male Relative in the Household</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>183</td>
<td>91.5</td>
<td>332</td>
</tr>
<tr>
<td>No</td>
<td>13</td>
<td>6.5</td>
<td>53</td>
</tr>
<tr>
<td>Don’t know</td>
<td>4</td>
<td>2.0</td>
<td>15</td>
</tr>
<tr>
<td>Total</td>
<td>200</td>
<td>100.0</td>
<td>400</td>
</tr>
<tr>
<td>Willing to Take Care of HIV Positive Female Relative in the Household</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>185</td>
<td>92.5</td>
<td>341</td>
</tr>
<tr>
<td>No</td>
<td>11</td>
<td>5.5</td>
<td>44</td>
</tr>
<tr>
<td>Don’t know</td>
<td>4</td>
<td>2.0</td>
<td>15</td>
</tr>
<tr>
<td>Total</td>
<td>200</td>
<td>100.0</td>
<td>400</td>
</tr>
<tr>
<td>Willing to Maintain Confidentiality of a HIV Positive Family Member</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>87</td>
<td>43.5</td>
<td>199</td>
</tr>
<tr>
<td>No</td>
<td>112</td>
<td>56.0</td>
<td>185</td>
</tr>
<tr>
<td>Don’t know</td>
<td>1</td>
<td>0.5</td>
<td>16</td>
</tr>
<tr>
<td>Total</td>
<td>200</td>
<td>100.0</td>
<td>400</td>
</tr>
</tbody>
</table>
3.18 Association of HIV with Socio-Demographic, Behavioral and STI Variables

There is a slight association between HIV and socio-demographic or risk behavior variables such as condom use and the number of clients served by the respondents per day. HIV infection by the categories like age, educational level and marital status differ marginally but that is not statistically significant at least at 5 percent level of significance (Table 33).

3.18.1 Sex Workers in India and HIV

Similar to the 2006 IBBS study, this study in 2009 also brought about the finding that there was a slightly higher prevalence of HIV among the respondents who have worked as sex workers in India in comparison to those who had not been there. Nevertheless, as in the 2006 IBBS study, this time also, this difference was not statistically significant (at p < 0.5 level). There was also no association between HIV infection and variables such as condom use, practice and the number of clients entertained in the past year. The prevalence of HIV was much higher among the respondents who had been involved in this profession for more than two years (Table 33). HIV prevalence was higher (6.3% or 4/63) at the Dhangadhi site in comparison to the other sites. Table 33 also shows that HIV was prevalent among the sex workers who had worked in Mumbai than among those who reported having worked in other parts of India. There was no significant (at p < 0.5 level) association between HIV prevalence and STIs.

Table 33: Relationship Between HIV and Demographic, Behavioral Variables

<table>
<thead>
<tr>
<th>Variables</th>
<th>Total (22 Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N=600</td>
</tr>
<tr>
<td><strong>Age</strong></td>
<td></td>
</tr>
<tr>
<td>Less than 20 years</td>
<td>168</td>
</tr>
<tr>
<td>Above 21 years</td>
<td>432</td>
</tr>
<tr>
<td><strong>Educational Level</strong></td>
<td></td>
</tr>
<tr>
<td>Illiterate and literate with no schooling</td>
<td>310</td>
</tr>
<tr>
<td>Schooling (Grades 1 to 10 and above SLC)</td>
<td>290</td>
</tr>
<tr>
<td><strong>Marital Status</strong></td>
<td></td>
</tr>
<tr>
<td>Married</td>
<td>479</td>
</tr>
<tr>
<td>Never married</td>
<td>121</td>
</tr>
<tr>
<td><strong>Years of Sex Work</strong></td>
<td></td>
</tr>
<tr>
<td>&lt; 2 Years</td>
<td>311</td>
</tr>
<tr>
<td>or &gt; 2 years</td>
<td>289</td>
</tr>
<tr>
<td><strong>Sex Work in India</strong></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>25</td>
</tr>
<tr>
<td>No</td>
<td>575</td>
</tr>
<tr>
<td><strong>Sex Work in Mumbai (n=25)</strong></td>
<td></td>
</tr>
<tr>
<td>Worked in Mumbai</td>
<td>1</td>
</tr>
<tr>
<td>Worked in India, but not in Mumbai</td>
<td>24</td>
</tr>
<tr>
<td><strong>Coerced into Working in India (n=25)</strong></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>3</td>
</tr>
<tr>
<td>No, went to India of one's own free will</td>
<td>22</td>
</tr>
</tbody>
</table>
### Table 33: Con’td…

<table>
<thead>
<tr>
<th>Variables</th>
<th>Total (22 Districts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N=600</td>
</tr>
<tr>
<td><strong>Study Sites</strong></td>
<td></td>
</tr>
<tr>
<td>Birgunj</td>
<td>78</td>
</tr>
<tr>
<td>Birtamod</td>
<td>44</td>
</tr>
<tr>
<td>Butwal</td>
<td>76</td>
</tr>
<tr>
<td>Dhangadhi</td>
<td>63</td>
</tr>
<tr>
<td>Itahari</td>
<td>82</td>
</tr>
<tr>
<td>Lahan</td>
<td>97</td>
</tr>
<tr>
<td>Mahendranagar</td>
<td>20</td>
</tr>
<tr>
<td>Narayanghat</td>
<td>37</td>
</tr>
<tr>
<td>Nepalgunj</td>
<td>103</td>
</tr>
<tr>
<td><strong>Syphilis</strong></td>
<td></td>
</tr>
<tr>
<td>Current syphilis</td>
<td>21</td>
</tr>
<tr>
<td>Not infected with current syphilis</td>
<td>578</td>
</tr>
<tr>
<td><strong>Gonorrhea</strong></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>9</td>
</tr>
<tr>
<td>No</td>
<td>591</td>
</tr>
<tr>
<td><strong>Chlamydia</strong></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>50</td>
</tr>
<tr>
<td>No</td>
<td>550</td>
</tr>
</tbody>
</table>

#### 3.19 Association of STIs with Socio-Demographic and Behavioral Variables

One of the measured STIs, current (or untreated) syphilis is highly associated with the marital status and the age of the sex workers. The prevalence of current syphilis among married FSWs was 4.4 percent as compared to the reported zero percent among the never married. Similarly, the incidence of current syphilis among the sex workers aged 20 years and above was 4.9 percent, as compared to the reported zero percent for sex workers aged less than 20 years. The prevalence of gonorrhea is not associated significantly (at p < 0.5 level) with all of the demographic variables - age, marital status, education or years of sex work. Also, it is not related to sex work in India or Mumbai. However, the prevalence of syphilis history is associated with demographic variables (Table 34). Chlamydia is significantly associated (at p < 0.5 level) with the marital status of the FSWs. The prevalence of Chlamydia among the never married sex workers was 16.5 percent compared to 6.3 percent among the married. The prevalence of Chlamydia was highest (20.7% or 17/50) at the Dhangadhi site. The prevalence of any of the STIs was zero percent among the sex workers with exposure to STI clinics and VCT.
### Table 34: Association Between STIs and Demographic and Behavioral Variables

<table>
<thead>
<tr>
<th>Variables</th>
<th>Total (22 Districts)</th>
<th>N=600 Current Syphilis</th>
<th>%</th>
<th>% Gonorrhea</th>
<th>% Chlamydia</th>
<th>%</th>
<th>% Syphilis History</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Age</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Less than 20 years</td>
<td>168</td>
<td>0</td>
<td>0.0</td>
<td>4</td>
<td>2.4</td>
<td>23</td>
<td>13.7</td>
</tr>
<tr>
<td>Above 20 years</td>
<td>432</td>
<td>21</td>
<td>4.9</td>
<td>5</td>
<td>1.2</td>
<td>27</td>
<td>6.3</td>
</tr>
<tr>
<td><strong>Educational Level</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Illiterate and literate with no schooling</td>
<td>310</td>
<td>17</td>
<td>5.5</td>
<td>4</td>
<td>1.3</td>
<td>23</td>
<td>7.4</td>
</tr>
<tr>
<td>Schooling (Grades 1 to 10 and above SLC)</td>
<td>290</td>
<td>4</td>
<td>1.4</td>
<td>5</td>
<td>1.7</td>
<td>27</td>
<td>9.3</td>
</tr>
<tr>
<td><strong>Marital Status</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Married</td>
<td>479</td>
<td>21</td>
<td>4.4</td>
<td>6</td>
<td>1.3</td>
<td>30</td>
<td>6.3</td>
</tr>
<tr>
<td>Never married</td>
<td>121</td>
<td>0</td>
<td>0.0</td>
<td>3</td>
<td>2.5</td>
<td>20</td>
<td>16.5</td>
</tr>
<tr>
<td><strong>Years of Sex Work</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;2 Years</td>
<td>311</td>
<td>8</td>
<td>2.6</td>
<td>5</td>
<td>1.6</td>
<td>28</td>
<td>9.0</td>
</tr>
<tr>
<td>or &gt; 2 years</td>
<td>289</td>
<td>13</td>
<td>4.5</td>
<td>4</td>
<td>1.4</td>
<td>22</td>
<td>7.6</td>
</tr>
<tr>
<td><strong>Sex Work in India</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>25</td>
<td>3</td>
<td>12.0</td>
<td>1</td>
<td>4.0</td>
<td>1</td>
<td>4.0</td>
</tr>
<tr>
<td>No</td>
<td>575</td>
<td>18</td>
<td>3.1</td>
<td>8</td>
<td>1.4</td>
<td>49</td>
<td>8.5</td>
</tr>
<tr>
<td><strong>Sex Work in Mumbai (n=25)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Worked in Mumbai</td>
<td>1</td>
<td>0</td>
<td>0.0</td>
<td>0</td>
<td>0.0</td>
<td>0</td>
<td>0.0</td>
</tr>
<tr>
<td>Worked in India, but not in Mumbai</td>
<td>24</td>
<td>3</td>
<td>12.5</td>
<td>1</td>
<td>4.2</td>
<td>1</td>
<td>4.2</td>
</tr>
<tr>
<td><strong>Coerced into Working in India (n=25)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>3</td>
<td>0</td>
<td>0.0</td>
<td>0</td>
<td>0.0</td>
<td>0</td>
<td>0.0</td>
</tr>
<tr>
<td>No, went to India of one's own free will</td>
<td>22</td>
<td>3</td>
<td>13.6</td>
<td>1</td>
<td>4.5</td>
<td>1</td>
<td>4.5</td>
</tr>
<tr>
<td><strong>Study Sites</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Birgunj</td>
<td>78</td>
<td>4</td>
<td>5.1</td>
<td>1</td>
<td>1.3</td>
<td>5</td>
<td>6.4</td>
</tr>
<tr>
<td>Biratm mod</td>
<td>44</td>
<td>1</td>
<td>2.3</td>
<td>1</td>
<td>2.3</td>
<td>6</td>
<td>13.6</td>
</tr>
<tr>
<td>Butwal</td>
<td>76</td>
<td>0</td>
<td>-</td>
<td>3</td>
<td>3.9</td>
<td>4</td>
<td>5.3</td>
</tr>
<tr>
<td>Dhangadhi</td>
<td>63</td>
<td>1</td>
<td>1.6</td>
<td>0</td>
<td>0</td>
<td>2</td>
<td>3.2</td>
</tr>
<tr>
<td>Itahari</td>
<td>82</td>
<td>2</td>
<td>2.4</td>
<td>1</td>
<td>1.2</td>
<td>17</td>
<td>20.7</td>
</tr>
<tr>
<td>Lahan</td>
<td>97</td>
<td>5</td>
<td>5.2</td>
<td>1</td>
<td>1.0</td>
<td>4</td>
<td>4.1</td>
</tr>
<tr>
<td>Mahendranagar</td>
<td>20</td>
<td>-</td>
<td>-</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>5.0</td>
</tr>
<tr>
<td>Narayanghat</td>
<td>37</td>
<td>3</td>
<td>8.1</td>
<td>0</td>
<td>0</td>
<td>3</td>
<td>8.1</td>
</tr>
<tr>
<td>Nepalgunj</td>
<td>103</td>
<td>5</td>
<td>4.9</td>
<td>2</td>
<td>1.9</td>
<td>8</td>
<td>7.8</td>
</tr>
</tbody>
</table>

*Note: * denotes significant difference at p< .05
The following factors have no significant association/correlation with HIV or other STIs. (Please mention the correlation coefficients)

- Use of condoms
- Number of clients entertained
- Demographic characteristics such as marital status and educational level

3.20 Treatment and Care Seeking Behavior of FSWs

The percentage of those FSWs seeking treatment in the past year for genital warts was highest (70.2% or 33/72). Similarly, 68.7 percent of the FSWs (57/83) had sought treatment for genital ulcer/sore. Other reported symptoms for which more than half of the FSWs had sought treatment were vaginal discharge, vaginal itching, vaginal odor, lower abdominal pain, unusual vaginal bleeding, pain during urination and painful sex (Table 35).

Table 35: STI Symptoms and Treatment Seeking Behavior of Sex Workers

<table>
<thead>
<tr>
<th>Reported STI Symptoms and Treatment Seeking Behavior</th>
<th>Current STI Symptoms</th>
<th>STI Symptoms in the Past</th>
<th>Treated in the Past Year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N =600     %</td>
<td>N = 600     %</td>
<td>n</td>
</tr>
<tr>
<td>Unusual heavy, foul smelling vaginal discharge</td>
<td>187 93.5</td>
<td>258 43.0</td>
<td>164 63.6</td>
</tr>
<tr>
<td>Pain in the lower abdomen</td>
<td>177 88.5</td>
<td>238 39.7</td>
<td>140 58.8</td>
</tr>
<tr>
<td>Vaginal odor or smell</td>
<td>127 63.5</td>
<td>175 29.2</td>
<td>96 54.9</td>
</tr>
<tr>
<td>Pain during urination</td>
<td>119 59.5</td>
<td>157 26.2</td>
<td>91 58.0</td>
</tr>
<tr>
<td>Pain during sex</td>
<td>114 57.0</td>
<td>135 22.5</td>
<td>69 51.1</td>
</tr>
<tr>
<td>Itching in or around the vagina</td>
<td>114 57.0</td>
<td>181 30.2</td>
<td>109 60.2</td>
</tr>
<tr>
<td>Frequent urination</td>
<td>82 41.0</td>
<td>93 15.5</td>
<td>42 45.2</td>
</tr>
<tr>
<td>Ulcer or sore in the genital area</td>
<td>39 19.5</td>
<td>83 13.8</td>
<td>57 68.7</td>
</tr>
<tr>
<td>Genital warts</td>
<td>27 13.5</td>
<td>47 7.8</td>
<td>33 70.2</td>
</tr>
<tr>
<td>Vaginal bleeding (unusual)</td>
<td>18 9.0</td>
<td>28 4.7</td>
<td>16 57.1</td>
</tr>
<tr>
<td>Others</td>
<td>1 0.5</td>
<td>1 0.2</td>
<td>0 0.0</td>
</tr>
</tbody>
</table>

3.21 Comparison of Selected Behavioral of HIV and STI Prevalence Indicators with the 2003 and 2006 IBBS Results

This section compares the prevalence rates of HIV and STI in the 2003, 2006 and 2009 surveys. There has been a significant increase (at p < 0.5 level) in the HIV prevalence in 2009 (2.3% or 14/600) as compared to the years 2003 (2.0 % or 12/600) and 2006 (1.5% or 9/600). The percentage of FSWs with current syphilis has slightly decreased from 4.7 percent in 2006 to 3.5 percent in 2009. The prevalence rate of gonorrhoea has decreased significantly from 13.5 percent in 2003 and 7.8 percent in 2006 to 1.2 percent in 2009. In the year 2009, the prevalence rate of chlamydia has also significantly decreased to 8.3 per cent as compared to 10.2 percent in 2003 and 14.0 percent in 2006 (Table 36).
Table 36: HIV and STI Prevalence Rates in 2003, 2006 and 2009

<table>
<thead>
<tr>
<th>HIV/STI</th>
<th>2003</th>
<th>2006</th>
<th>2009</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total (22 Districts)</td>
<td>Total (22 Districts)</td>
<td>Total (22 Districts)</td>
</tr>
<tr>
<td>N=600</td>
<td>%</td>
<td>N=600</td>
<td>%</td>
</tr>
<tr>
<td>HIV</td>
<td>12</td>
<td>2.0</td>
<td>9</td>
</tr>
<tr>
<td>Current syphilis</td>
<td>23</td>
<td>3.8</td>
<td>28</td>
</tr>
<tr>
<td>Syphilis history</td>
<td>60</td>
<td>10.0</td>
<td>47</td>
</tr>
<tr>
<td>Gonorrhea*</td>
<td>81</td>
<td>13.5</td>
<td>46</td>
</tr>
<tr>
<td>Chlamydia*</td>
<td>61</td>
<td>10.2</td>
<td>84</td>
</tr>
</tbody>
</table>

Note: * Significant difference at p<.05

3.22 Comparison of HIV Prevalence among Selected Variables

This section compares the prevalence rates of HIV between the study years 2006 and 2009 for the selected variables. The prevalence rate of HIV among the FSWs was high in 2009; therefore, there is some significant increase in HIV prevalence for most of the variables (Table 37). HIV prevalence among the FSWs in 2009 (2.3%) was significantly higher than in 2006 (1.5%). HIV prevalence among the FSWs who had worked in India has increased to 20 percent in 2009 compared to 4.5 percent in 2006. The prevalence rate of HIV among the never married sex workers has slightly decreased to 0.8 percent this year compared to 1.3 percent in 2006.

Table 37: Comparison of HIV Prevalence among Selected Variables

<table>
<thead>
<tr>
<th>Variables</th>
<th>2006</th>
<th>2009</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N</td>
<td>HIV+</td>
</tr>
<tr>
<td>Age</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15 - 20 years</td>
<td>112</td>
<td>0</td>
</tr>
<tr>
<td>Above 21 years</td>
<td>488</td>
<td>9</td>
</tr>
<tr>
<td>Educational Level</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Illiterate and literate with no schooling</td>
<td>404</td>
<td>7</td>
</tr>
<tr>
<td>Schooling (Grades 1 to 10 and above SLC)</td>
<td>196</td>
<td>2</td>
</tr>
<tr>
<td>Marital Status</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Married*</td>
<td>521</td>
<td>8</td>
</tr>
<tr>
<td>Never married</td>
<td>79</td>
<td>1</td>
</tr>
<tr>
<td>Years of Sex Work</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt; 2 Years</td>
<td>263</td>
<td>3</td>
</tr>
<tr>
<td>or &gt; 2 years*</td>
<td>337</td>
<td>6</td>
</tr>
<tr>
<td>Sex Work in India</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>22</td>
<td>1</td>
</tr>
<tr>
<td>No</td>
<td>578</td>
<td>8</td>
</tr>
<tr>
<td>Sex Work in Mumbai (n=25)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Worked in Mumbai</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>Worked in India, but not in Mumbai</td>
<td>20</td>
<td>1</td>
</tr>
</tbody>
</table>

Note: * Significant difference between 2006 and 2009 at p<.05
3.23 Change in Condom Use Practice Between 2003, 2006 and 2009

The data in Table 38 show that condom use with the client has increased in 2009. It shows that condom use with the last client increased from 53.3 percent (2003) and 63.3 percent (2006) to 84.8 percent in 2009, and with the last regular client it has increased from 56.5 percent in 2003 and 72.3 percent in 2006 to 77.9 percent in 2009. It was also noted that consistent use of the condom with the client has increased significantly from 22.7 percent (2003) and 43 percent (2006) to 69.8 percent (2009). With the regular clients, more than half (65.5 %) of the FSWs used condoms consistently in 2009 compared to 27.3 percent in 2003 and 49.7 percent in 2006. Consistent use of condoms with ‘occasional’ partners (other than client, husband and male friend) has also increased significantly from 11.9 (2003) and 45.1 percent (2006) to 76 percent (2009).

Table 38: Comparison of Condom Use between 2003, 2006 and 2009

<table>
<thead>
<tr>
<th>Condom Use by Female Sex Workers</th>
<th>2003</th>
<th>2006</th>
<th>2009</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total 22 (Districts)</td>
<td>Total 22 (Districts)</td>
<td>Total 22 (Districts)</td>
</tr>
<tr>
<td></td>
<td>N = 600</td>
<td>%</td>
<td>N = 600</td>
</tr>
<tr>
<td>Use of Condom with Last Client *</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>320</td>
<td>53.3</td>
<td>398</td>
</tr>
<tr>
<td>No</td>
<td>280</td>
<td>46.7</td>
<td>202</td>
</tr>
<tr>
<td>Total</td>
<td>600</td>
<td>100.0</td>
<td>600</td>
</tr>
<tr>
<td>Consistent Use of Condom with the Client in the Past Year *</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>136</td>
<td>22.7</td>
<td>258</td>
</tr>
<tr>
<td>No</td>
<td>464</td>
<td>77.3</td>
<td>342</td>
</tr>
<tr>
<td>Total</td>
<td>600</td>
<td>100.0</td>
<td>600</td>
</tr>
<tr>
<td>Had Regular Client in the Past Year *</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>414</td>
<td>69.0</td>
<td>505</td>
</tr>
<tr>
<td>No</td>
<td>186</td>
<td>31.0</td>
<td>95</td>
</tr>
<tr>
<td>Total</td>
<td>600</td>
<td>100.0</td>
<td>600</td>
</tr>
<tr>
<td>Use of Condom with Regular Client in the Last Sex *</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>234</td>
<td>56.5</td>
<td>365</td>
</tr>
<tr>
<td>No</td>
<td>180</td>
<td>43.5</td>
<td>140</td>
</tr>
<tr>
<td>Total</td>
<td>414</td>
<td>100.0</td>
<td>505</td>
</tr>
<tr>
<td>Consistent Use of Condom with Regular Clients in the Past Year*</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>113</td>
<td>27.3</td>
<td>251</td>
</tr>
<tr>
<td>No</td>
<td>301</td>
<td>72.7</td>
<td>254</td>
</tr>
<tr>
<td>Total</td>
<td>414</td>
<td>100.0</td>
<td>505</td>
</tr>
</tbody>
</table>
Table 38: Con’td…

<table>
<thead>
<tr>
<th>Condom Use by Female Sex Workers</th>
<th>2003</th>
<th>2006</th>
<th>2009</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total 22 (Districts)</td>
<td>Total 22 (Districts)</td>
<td>Total 22 (Districts)</td>
</tr>
<tr>
<td></td>
<td>N = 600</td>
<td>%</td>
<td>N = 600</td>
</tr>
<tr>
<td>Had Sex with Partners Other than Client, Husband, Male Friend in the Past Year</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>135</td>
<td>22.5</td>
<td>133</td>
</tr>
<tr>
<td>No</td>
<td>465</td>
<td>77.5</td>
<td>467</td>
</tr>
<tr>
<td>Total</td>
<td>600</td>
<td>100.0</td>
<td>600</td>
</tr>
<tr>
<td>Consistent Use of Condom with Partners Other than Client, Husband, Male Friend in the Past Year *</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>16</td>
<td>11.9</td>
<td>60</td>
</tr>
<tr>
<td>No</td>
<td>119</td>
<td>88.1</td>
<td>73</td>
</tr>
<tr>
<td>Total</td>
<td>135</td>
<td>100.0</td>
<td>133</td>
</tr>
<tr>
<td>Number of Clients on the Day of Last Sexual Contact</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>388</td>
<td>64.7</td>
<td>482</td>
</tr>
<tr>
<td>2</td>
<td>152</td>
<td>25.3</td>
<td>76</td>
</tr>
<tr>
<td>3</td>
<td>49</td>
<td>8.2</td>
<td>37</td>
</tr>
<tr>
<td>4 and more</td>
<td>11</td>
<td>1.8</td>
<td>7</td>
</tr>
<tr>
<td>Mean clients per day</td>
<td>1.5</td>
<td>1.3</td>
<td>1.3</td>
</tr>
<tr>
<td>Total</td>
<td>600</td>
<td>100.0</td>
<td>600</td>
</tr>
</tbody>
</table>

Note: * Significant difference at p < .05
Chapter 4: Conclusion and Recommendations

4.1 Conclusion

This 2009 IBBS study was conducted among 600 female sex workers (FSWs) in 22 districts from east to west Nepal along the terai highway. The objectives of the study were to determine the prevalence of HIV, Neisseria gonorrhoeae (GC), Chlamydia trachomatis (CT) and syphilis among the FSWs working at various sites in the 22 districts and to assess their HIV/STI-related knowledge, risk behaviors, treatment practices and exposure to the ongoing HIV programs. As in the earlier round of the study, the 22 districts were divided into two groups of 6 districts (western region districts) and 16 districts (eastern region districts), and the results were reported for both the groups as well as for all the 22 districts.

The study found that 2.3 percent (14/600) of the respondents were HIV positive. Overall, 3.5 percent (21/600) of the FSWs currently had syphilis. Altogether 1.5 percent (9/600) had gonorrhea and 8.3 percent (50/600) of the respondents had Chlamydia. Other conclusions drawn from the study are as follows:

- The median age of the FSWs was 26 years, and 28 percent of the respondents were less than 20 years of age.
- Slightly more than half (51.7%) of the respondents were illiterate or had no formal schooling.
- Overall, 56.7 percent of the respondents were married, and 17 percent of the FSWs were either divorced or separated from their husband.
- Approximately 65.8 percent of the sex workers had members in the family who were dependent on their income, 57.2 percent had 2-3 dependent members.
- The mean age of the FSWs when they had their first sex was 15.5 years, and 55.3 percent of the respondents were less than 15 years of age when they experienced their first sex.
- Altogether 25.7 percent had joined the sex trade less than a year ago.
- The respondents entertained both paying and non-paying partners. The mean number of sex partners in the previous week was 6.
- More than half (57.7%) of the FSWs had transport workers as their most frequent client.
- Overall, 69.8 percent of the sex workers had used the condom consistently with their clients in the past year.
- Consistent use of condoms with non-paying partners was very low. Only 9.3 percent of the sex workers had used condoms in every sexual intercourse with their non-paying partners.
• Altogether 58.3 percent of the sex workers reported obtaining free condoms all the time. Free condoms were mostly obtained from the NGOs/health workers/ volunteers and clients.

• The two most popular brands of condoms among the sex workers were condoms provided by the MOH followed by Number 1 and Dhaal.

• Almost 50 percent of the FSWs had heard about the female condom. Among them, only 5 percent had ever used a female condom.

• Majority (80.8%) of the married sex workers were adopting a family planning method to delay or avoid pregnancy.

• Almost all (99.7%) of the sex workers had heard about HIV/AIDS. The radio was reported to be the major source of information about HIV/AIDS by 92 percent of the sex workers.

• Altogether 77.5 percent of the respondents rejected the common local misconception that mosquito bite transmitted the HIV virus. Only 39.7 percent of the sex workers identified all three A, B and C HIV preventive measures while 26.7 percent were aware of all five major indicators of HIV.

• Altogether 2.3 percent of the sex workers were experiencing at least one STI symptom during the survey.

• In total, 69.4 percent of the respondents had not sought treatment for the STI symptom/s that they had been experiencing.

• Majority (87.2%) of the respondents had at least once met or interacted with the OEs/PEs from the HIV/AIDS-related programs and 50.5 percent had visited the DICs (Drop-in centers). The proportion of the respondents paying a visit to a STI clinic and VCT center during the past year was 45.3 percent and 65.2 percent respectively.

• Only 33.7 percent of the sex workers reported having participated in HIV/AIDS awareness raising programs in the 12 months preceding the survey. Thagali had conducted most of these activities in the 6 districts while in the 16 districts, GWP had done so.

• In total, 2.3 percent (14/600) of the respondents were found to be HIV positive.

• The prevalence of HIV was significantly higher (6.3% or 4/14) at the Dhangadhi site, one of the nine sites included in the study.

• The prevalence rate of current syphilis, gonorrhea and Chlamydia has decreased to 3.5 percent, 1.5 percent and 8.3 percent from 4.7 percent, 7.7 percent and 14.0 percent respectively reported in the IBBS study 2006.

4.2 Recommendations
• Many young girls are entering the sex trade every year. So the HIV/AIDS awareness campaigns should target the youth and adolescent groups. Programs might include visits by peer educators and outreach workers to
raise awareness about HIV and STI and to promote condom use. Sex education at the school level would also help to a great extent in creating general awareness.

- The sex workers do not use condoms consistently with non-paying partners such as husbands and boyfriends. Prevention programs should focus more on the need for consistent condom use with all kinds of partners to prevent HIV/STI infection. Despite the many efforts of the MOH and donor agencies, HIV prevalence has gone up in this round of survey.

- In order to enable sex workers to access condoms easily, free condom distribution programs through NGOs/health workers/volunteers should be expanded to cover a larger group of the target population.

The mobilization of peer and outreach educators to educate the target groups has been quite successful in meeting its objectives. It should be continued on a larger scale to cover more sex workers. However, comparatively fewer sex workers had ever visited the existing DICs, STI clinics and VCT centers. Such facilities should be extended to facilitate convenient access to the sex workers.
## ANNEX-1

### Distribution of Sample Size by Location in 22 Terai Highway Districts

<table>
<thead>
<tr>
<th>Lab Setup Location</th>
<th>No of FSW</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>16 Districts</strong></td>
<td></td>
</tr>
<tr>
<td>Itahari</td>
<td>105</td>
</tr>
<tr>
<td>Lahan</td>
<td>85</td>
</tr>
<tr>
<td>Narayanghat</td>
<td>75</td>
</tr>
<tr>
<td>Butawal</td>
<td>135</td>
</tr>
<tr>
<td><strong>6 Districts</strong></td>
<td></td>
</tr>
<tr>
<td>Nepalgunj</td>
<td>80</td>
</tr>
<tr>
<td>Dhangadi</td>
<td>60</td>
</tr>
<tr>
<td>Mahendranagar</td>
<td>60</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>600</strong></td>
</tr>
</tbody>
</table>
Namaste! My name is ............., I am here from ACNielsen Pvt. Ltd. to collect data for a research study. This study is being conducted by ACNielsen Pvt. Ltd and SACTS with technical assistance from Family Health International (FHI) and USAID – Nepal for the National Centre for AIDS and STD Control (NCASC), Ministry of Health and Population. As explained in the consent taking process during this data collection, I will ask you some questions that will be about sexual behavior, use and promotion of condoms, STI/HIV/AIDS, drugs and migration pattern. I believe that you will provide correct information. We will also draw a few drops of blood for HIV testing. If you have any STI symptoms, we will provide treatment for free of charge. The information given by you will be strictly treated as confidential. Nobody will know whatever we talk because your name will not be mentioned in this form and blood sample. It will take about 60 minutes to complete the interview and blood sample collection.

It depends on your wish to participate in this survey or not. You are free to quit the survey any time you want to. You do not have to answer questions that you do not want to answer. But I hope, you will participate in this survey and make it success by providing correct answers of all the questions.

Would you be willing to participate?

1. Yes  2. No

Signature of Interviewer: ___________________________ Date: 2065/___/___

Definition of Respondent

"Women aged 16 years and above reporting having been paid in cash or kind for sex within the last 6 months."

Name of interviewer: ___________________________ Code No. of Interviewer: ___________

Date of Interview: 2065 /_______/_______

Checked by the supervisor: Signature: ___________________________ Date: 2065/_______/_______

Data Entry # 1: Clerk’s name: ___________________________ Date: 2065/_______/_______
Has someone interviewed you from ACNielsen Pvt. Ltd. with a questionnaire in last few weeks?

1. Yes  
2. No (Continue Interview)

When?

_______ Days ago (STOP INTERVIEW)

### 1.0 GENERAL INFORMATION

<table>
<thead>
<tr>
<th>Q. N.</th>
<th>Questions and Filters</th>
<th>Coding Categories</th>
<th>Skip to</th>
</tr>
</thead>
<tbody>
<tr>
<td>101</td>
<td>Respondent ID No.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>101.1</td>
<td>Write down how you contacted the respondent?</td>
<td>Met personally .................. 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Through known FSW .......... 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Through PE.................... 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Through ORE from Red Cross ............................................. 4</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Other (Specify)________________</td>
<td>96</td>
</tr>
<tr>
<td>102</td>
<td>Where is the respondent (sex worker) based?</td>
<td>Disco................................. 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dance Restaurant............ 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cabin Restaurant............. 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Call Girl........................ 4</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Massage Parlor.............. 5</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>House Settlement ............. 6</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Bhatti Pasal.................. 7</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Street.......................... 8</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Garment/Carpet Factory...... 9</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Squatter/Refugee............. 10</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Restaurant................... 11</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dohori Restaurant............ 12</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hotel/Lodge ................... 13</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Other (Specify)................ 96</td>
<td></td>
</tr>
<tr>
<td>103</td>
<td>Interview Starting Time</td>
<td>Interview Completion Time (fill at the end of interview)</td>
<td></td>
</tr>
<tr>
<td>104</td>
<td>Where were you born?</td>
<td>District</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>VDC/Municipality__________</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ward No......................</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Village/Tole______________</td>
<td></td>
</tr>
<tr>
<td>105</td>
<td>Where do you live now?</td>
<td>District: __________</td>
<td></td>
</tr>
<tr>
<td>Q. N.</td>
<td>Questions and Filters</td>
<td>Coding Categories</td>
<td>Skip to</td>
</tr>
<tr>
<td>-------</td>
<td>-----------------------</td>
<td>-------------------</td>
<td>---------</td>
</tr>
<tr>
<td></td>
<td></td>
<td>VDC/Municipality:</td>
<td>🔄 201</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ward No.__________</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Village/Tole: ____________</td>
<td></td>
</tr>
<tr>
<td>106</td>
<td>How long have you been living continuously at this location?</td>
<td>Month...</td>
<td>201</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Always (since birth)........... 0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Since less than a month... 995</td>
<td></td>
</tr>
<tr>
<td>107</td>
<td>Before you moved here, where did you live?</td>
<td>District: __________</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>VDC/Municipality: __________</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ward No.__________</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Village/Tole: ____________</td>
<td></td>
</tr>
</tbody>
</table>

### 2.0 PERSONAL INFORMATION

<table>
<thead>
<tr>
<th>Q. N.</th>
<th>Questions and Filters</th>
<th>Coding Categories</th>
<th>Skip to</th>
</tr>
</thead>
<tbody>
<tr>
<td>201</td>
<td>How old are you?</td>
<td>Age ...................</td>
<td>🔄 204.2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(write the completed years)</td>
<td></td>
</tr>
<tr>
<td>202</td>
<td>What is your caste?</td>
<td>Ethnicity/Caste</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Specify Ethnic Group/Caste)</td>
<td>(Specify)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Code No.__________</td>
<td></td>
</tr>
<tr>
<td>203</td>
<td>What is your educational status?</td>
<td>Illiterate........... 0</td>
<td>🔄 204.3</td>
</tr>
<tr>
<td></td>
<td>(Circle '0' if illiterate, '19' for the literate without attending the school, and write exact number of the passed grade)</td>
<td>Literate...............19</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Grade...................</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(write the completed grade)</td>
<td></td>
</tr>
<tr>
<td>204</td>
<td>What is your present marital status?</td>
<td>Married...............</td>
<td>🔄 205</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Divorced/Permanently</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Separated...............2→</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Widow...................3→</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Never married..........4→</td>
<td></td>
</tr>
<tr>
<td>204.1</td>
<td>How old were you when you got divorced/separated/widowed?</td>
<td>Age ...................</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(write the completed years)</td>
<td></td>
</tr>
<tr>
<td>204.2</td>
<td>Are you presently living with your husband?</td>
<td>Yes...................1→</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>No...................2</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** The table structure and content are designed to capture the necessary information for demographic and personal details, ensuring a structured and organized approach to data collection.
<table>
<thead>
<tr>
<th>Q. N.</th>
<th>Questions and Filters</th>
<th>Coding Categories</th>
<th>Skip to</th>
</tr>
</thead>
<tbody>
<tr>
<td>204.3</td>
<td>Who are you living with now?</td>
<td>Male friend ...............................................1&lt;br&gt;Relatives .............................................2&lt;br&gt;Other females.................................3&lt;br&gt;Children.............................................4&lt;br&gt;Alone .............................................5&lt;br&gt;Others (Specify)___________ 96</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Multiple answers. DO NOT READ the possible answers)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Multiple Responses)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>[Note: If answer in Q. 204 is 'never married' Go to Q. 207]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>205</td>
<td>At what age were you married for the first time?</td>
<td>Years old ..............................................</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Write Complete Years)</td>
<td></td>
</tr>
<tr>
<td>205.1</td>
<td>Have you given birth to children?</td>
<td>Yes.......................................................1&lt;br&gt;No..................................................2</td>
<td>205.5</td>
</tr>
<tr>
<td>205.2</td>
<td>If yes, how many were live births?</td>
<td>Sons .....................................................&lt;br&gt;Daughters ..........................................</td>
<td></td>
</tr>
<tr>
<td>205.3</td>
<td>Have you had miscarriage during your any pregnancies?</td>
<td>Yes.......................................................1&lt;br&gt;No..................................................2</td>
<td>205.5</td>
</tr>
<tr>
<td>205.4</td>
<td>If yes, total number of miscarriage # Miscarriage.........</td>
<td></td>
<td></td>
</tr>
<tr>
<td>205.5</td>
<td>Have you done termination-abortion of your any pregnancies?</td>
<td>Yes.......................................................1&lt;br&gt;No..................................................2</td>
<td>205.8</td>
</tr>
<tr>
<td>205.6</td>
<td>If yes, total number of pregnancy terminated/aborted</td>
<td># Terminations.........................................</td>
<td></td>
</tr>
<tr>
<td>205.7</td>
<td>Who assisted you at last abortion</td>
<td>Doctor..................................................1&lt;br&gt;Nurse..............................................2&lt;br&gt;Midwife...........................................3&lt;br&gt;TBA..................................................4&lt;br&gt;Traditional healer.........................5&lt;br&gt;Friend..............................................6&lt;br&gt;Nobody.............................................7&lt;br&gt;Others (Specify)___________ 96&lt;br&gt;Don’t know....................... 98</td>
<td></td>
</tr>
<tr>
<td>205.8</td>
<td>Do you want to have a child in the next two years?</td>
<td>Yes.......................................................1&lt;br&gt;No..................................................2</td>
<td></td>
</tr>
<tr>
<td>Q. N.</td>
<td>Questions and Filters</td>
<td>Coding Categories</td>
<td>Skip to</td>
</tr>
<tr>
<td>-------</td>
<td>-----------------------</td>
<td>------------------</td>
<td>---------</td>
</tr>
<tr>
<td>205.8</td>
<td>Do you want to have a child in the next 6 months?</td>
<td>Yes.........................1 No..............................2</td>
<td>205.13</td>
</tr>
<tr>
<td>205.9</td>
<td>Were you pregnant in the last 12 months?</td>
<td>Yes.............................1 No............................2</td>
<td>205.10</td>
</tr>
<tr>
<td>205.10</td>
<td><strong>If Yes, What was the outcome of the last pregnancy?</strong></td>
<td>Live Birth......................1 Still Birth......................2 Spontaneous abortion..........3 Forced Abortion ..............4</td>
<td></td>
</tr>
<tr>
<td>205.11</td>
<td>Who assisted your last delivery?</td>
<td>Doctor.........................1 Nurse..........................2 Midwife..........................3 TBA.................................4 Traditional healer................5 Friend.............................6 Nobody...........................7 Others (Specify)__________ 96 Don’t know......................... 98</td>
<td></td>
</tr>
<tr>
<td>205.12</td>
<td>Where did you deliver your last child?</td>
<td>Home -------------------------------1 Health Post (HP) ------------------2 Sub Health Post (SHP) -----------3 Primary Health Center (PHC) ---4 District Hospital -------------5 Other (Specify)__________ 96</td>
<td></td>
</tr>
<tr>
<td>205.13</td>
<td>Now I would like to talk about family planning – the various ways or methods that a couple can use to delay or avoid a pregnancy. Which ways or methods have you heard about?</td>
<td>1.1</td>
<td></td>
</tr>
</tbody>
</table>

[Note that respondent may give multiple answers]
<table>
<thead>
<tr>
<th>Q. N.</th>
<th>Questions and Filters</th>
<th>Coding Categories</th>
<th>Skip to</th>
</tr>
</thead>
</table>
| 01    | FEMALE STERILIZATION- women can have an operation to avoid having any more children | Yes........................................1  
No........................................2 → |         |
| 02    | MALE STERILIZATION- men can have an operation to avoid having any more children    | Yes........................................1  
No........................................2 → |         |
| 03    | PILL- women can take a pill every day to avoid becoming pregnant                    | Yes........................................1  
No........................................2 → |         |
| 04    | IDU – women can have a loop or coil placed inside them by a doctor or a nurse       | Yes........................................1  
No........................................2 → |         |
| 05    | INJECTABLES – women can have an injection by a health provider that stops them from becoming pregnant for one or more months | Yes........................................1  
No........................................2 → |         |
| 06    | IMPLANTS- women can have several small rods placed in their upper arm by a doctor or a nurse which can prevent pregnancy for one or more years Implants: | Yes........................................1  
No........................................2 → |         |
| 07    | CONDOM – men can put a rubber sheath on their penis before sexual intercourse       | Yes........................................1  
No........................................2 → |         |
| 08    | RHYTHM METHOD – Every month that a woman is sexually active she can avoid pregnancy by not having sexual intercourse on the days of the month she is not likely to get pregnant Rhythm Method: | Yes........................................1  
%  
No........................................2 →  
%}g |         |
| 09    | WITHDRAWAL – Men can be careful and pull out before climax                          | Yes........................................1  
%  
No........................................2 →  
%}g |         |
<table>
<thead>
<tr>
<th>Q. N.</th>
<th>Questions and Filters</th>
<th>Coding Categories</th>
<th>Skip to</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Have you heard any other ways or method that women or men can use to avoid pregnancy?</td>
<td>Yes - 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Specify)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Specify)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>No - 2</td>
<td></td>
</tr>
<tr>
<td>205.1</td>
<td>Are you currently doing something or using any method to delay or avoid getting pregnant?</td>
<td>Yes.................................1</td>
<td>206</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No.................................2</td>
<td></td>
</tr>
<tr>
<td>205.1</td>
<td>If yes, which method are you using currently?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>01</td>
<td>FEMALE STERILIZATION- women can have an operation to avoid having any more children</td>
<td>Yes - 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>No - 2</td>
<td></td>
</tr>
<tr>
<td>02</td>
<td>MALE STERILIZATION- men can have an operation to avoid having any more children</td>
<td>Yes - 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>No - 2</td>
<td></td>
</tr>
<tr>
<td>03</td>
<td>PILL- women can take a pill every day to avoid becoming pregnant</td>
<td>Yes - 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>No - 2</td>
<td></td>
</tr>
<tr>
<td>04</td>
<td>IDU – women can have a loop or coil placed inside them by a doctor or a nurse</td>
<td>Yes - 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>No - 2</td>
<td></td>
</tr>
<tr>
<td>05</td>
<td>INJECTABLES – women can have an injection by a health provider that stops them from becoming pregnant for one or more months</td>
<td>Yes - 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>No - 2</td>
<td></td>
</tr>
<tr>
<td>06</td>
<td>IMPLANTS- women can have several small rods placed in their upper arm by a doctor or a nurse which can prevent pregnancy for one or more years</td>
<td>Yes - 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>No - 2</td>
<td></td>
</tr>
<tr>
<td>07</td>
<td>CONDOM – men can put a rubber sheath on their penis before sexual intercourse</td>
<td>Yes - 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>No - 2</td>
<td></td>
</tr>
<tr>
<td>08</td>
<td>RHYTHM METHOD – Every month that a woman is sexually active she can avoid pregnancy by not having sexual intercourse on the days of the month she is not likely to get pregnant</td>
<td>Yes - 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>No - 2</td>
<td></td>
</tr>
<tr>
<td>09</td>
<td>WITHDRAWAL – Men can be careful and pull out before climax</td>
<td>Yes - 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>No - 2</td>
<td></td>
</tr>
<tr>
<td>Q. N.</td>
<td>Questions and Filters</td>
<td>Coding Categories</td>
<td>Skip to</td>
</tr>
<tr>
<td>------</td>
<td>----------------------------------------------------------------------------------------</td>
<td>------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>10</td>
<td>Have you heard any other ways or method that women or men can use to avoid pregnancy?</td>
<td>Yes - 1 (Specify) (Specify)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>No - 2</td>
<td></td>
</tr>
<tr>
<td>206</td>
<td>Does your husband have co-wife now?</td>
<td>Yes.................................1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>No.....................................2</td>
<td></td>
</tr>
<tr>
<td>207</td>
<td>Are there people who are dependent on your income?</td>
<td>Yes....................................1</td>
<td>208</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No.....................................2</td>
<td></td>
</tr>
<tr>
<td>207.1</td>
<td>How many are dependent on your income?</td>
<td>Adults ................................</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Adults are those who have completed 18 years)</td>
<td>Children ...........................</td>
<td></td>
</tr>
<tr>
<td>208</td>
<td>How long have you been exchanging sexual intercourse for money or other things?</td>
<td>Months ............................</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(if answer is less than 6 months stop interview)</td>
<td>Don't know ..........................</td>
<td></td>
</tr>
<tr>
<td>208.1</td>
<td>Did you have any sexual intercourse during past 12 months?</td>
<td>Yes....................................1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>No.....................................2</td>
<td></td>
</tr>
<tr>
<td>209</td>
<td>How many months have you been working here as a sex worker at this place?</td>
<td>Months ............................</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Q. N.</th>
<th>Questions and Filters</th>
<th>1.3 Coding Categories</th>
<th>Skip to</th>
</tr>
</thead>
<tbody>
<tr>
<td>210</td>
<td>Where else have you worked as a sex worker?</td>
<td>Discothèque 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(For example: Bhatti shop, Cabin Restaurant, Discotheques etc.) Mention location in the space provided</td>
<td>Dance restaurant 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cabine restaurant 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Call girl 4</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Massage parlor 5</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>House 6</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Bhatti pasal 7</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Road 8</td>
<td></td>
</tr>
<tr>
<td>Q. N.</td>
<td>Questions and Filters</td>
<td>1.4 Coding Categories</td>
<td>Skip to</td>
</tr>
<tr>
<td>-------</td>
<td>-----------------------</td>
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<td>---------</td>
</tr>
</tbody>
</table>
| 211   | Have you ever been engaged in this profession in other locations too? | Yes..........................1  
No.............................2 | 213 |
| 211.1 | Where did you work? (List all the places mentioned by the respondent) | District  VDC/Municipality Village/Tole  
_____  ____  ____  ____  ____  ____ | |
| 212   | In the past one-year have you followed this profession in other locations also? | Yes..........................1  
No.............................2 | 213 |
| 212.1 | Where did you follow such profession? (List all the places) | District  VDC/Municipality Village/Tole  
_____  ____  ____  ____  ____  ____ | |
| 213   | Have you ever followed this profession even in India? | Yes..........................1  
No.............................2 | 216 |
| 213.1 | Where did you work in India? (List all the locations worked in India). | Name of Places  Name of Nearby City  
_________  _________  _________  _________  _________ | |
| 214   | In total, for how many months did you work as a sex worker in India? | Months ...................  
____  ____  ____  ____ | 217 |
| 215   | Were you coerced to go there or you went there on your free will? | Coerced .....................1  
On my own....................2 | 218 |
| 216   | What is your average weekly income from commercial sex? [Note: If there is '0' in both cash and gift equivalent, probe for the reasons] | Cash Rs.  
Gift equivalent to Rs.  
Total Rs.  
Others (Specify)___________ 96 | |
| 217   | Do you have any other work besides sex work? | Yes..........................1  
No.............................2 | 218 |

| Garment/carpet factory________9  
Squatter settlement/refugee___10  
Restaurant_______________11  
Dohori restaurant___________12  
Hotel/lodge_______________13  
Did not work anywhere else____0  
Others (Specify)_________ 96 |
<p>| | |</p>
<table>
<thead>
<tr>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Masseuse</td>
<td>5</td>
</tr>
<tr>
<td>Dancer</td>
<td>6</td>
</tr>
<tr>
<td>Business (retail store, fruit shop etc.)</td>
<td>7</td>
</tr>
<tr>
<td>Knitting /tailoring</td>
<td>8</td>
</tr>
<tr>
<td>Peer educator</td>
<td>9</td>
</tr>
<tr>
<td>Job (teacher, peon etc)</td>
<td>10</td>
</tr>
<tr>
<td>Others (specify)</td>
<td>96</td>
</tr>
</tbody>
</table>

217.2 What is your average weekly income from the above-mentioned sources? ________________ Rup ees

218 Have you ever encountered any client who refused to give money after having sex?
- Yes: 1
- No: 2 → 301

218.1 How many such incidents have occurred in the past six months? Times ___________
### 3.0 INFORMATION ON SEXUAL INTERCOURSE

#### Q. N. Questions and Filters | Coding Categories | Skip to
--- | --- | ---
301 How old were you at your first sexual intercourse? | Year’s old .......................... | 98
| Don't know/Can't recall | 98
302 Among all of your partners, how many of them had sex with you in exchange for money in the past week? | Number ............................. | 98
| Don't know .............................. | 98
303 Among all of your partners, how many of them had sex with you without paying any money in the past week? (Include sexual contacts with spouse and live-in sexual partners) | Number ............................. | 98
| Don't know .............................. | 98
304 With how many different sexual partners in total have you had sex during the past week? (Note: Check total number of partners in Q. 302 + Q. 303 to match with Q 304). | Number ............................. | 98
| Don't know .............................. | 98
305 Usually, how many clients visit you in a day? | Number ............................. | 98
305. With how many clients did you have sexual intercourse yesterday? | Number ............................. | 98
305. With how many clients did you have sexual intercourse in the past week? | Number ............................. | 98
306 In the past month, with which profession’s client did you mostly have sex? (Encircle three most reported types of client. DO NOT READ the possible answers) | Bus, truck or tanker worker ...... | 1
| Taxi, jeep, microbus or minibus worker .......................... | 2
| Industrial/wage worker ............ | 3
| Police ................................ | 4
| Soldier/Army .......................... | 5
| Student ................................. | 6
| Rickshawala ........................... | 7
| Service holder ............................ | 8
| Businessmen ............................ | 9
| Mobile Businessmen ............... | 10
| Migrant worker/lahurey ............... | 11
| Contractor ............................ | 12
| Foreigner (Indian and other nationals) .......... | 14
| Farmer .................................. | 15
| Others (Specify) ....................... | 96
| Don't know .............................. | 98


306. 1 What was the professional background of your last client?

- Bus, truck or tanker worker ...... 1
- Taxi, jeep, microbus or minibus worker ........................................ 2
- Industrial/wage worker ............... 3
- Police ...................................... 4
- Soldier/Army ................................ 5
- Student ..................................... 6
- Rickshawala ................................... 7
- Service holder .................................. 8
- Businessmen ..................................... 9
- Mobile Businessmen ....................... 10
- Migrant worker/lahturey ............... 11
- Contractor ...................................... 12
- Foreigner (Indian and other nationals) .......... 14
- Farmer ....................................... 15
- Others (Specify) .................................. 96
- Don't know ..................................... 98

307 How many days in a week (on an average) do you work as a sex worker?

Days .................................................................

308 When did you have the last sexual intercourse with a client?
(Write '00' if Today)

Days before ..............

309 How many partners did you have sexual intercourse with on that day?

Number ..........................................................

310 How much rupees or other items did the last client pay you?

(Note: If there is '00' in both cash and gift equivalent, mention the reasons)

Cash _____________________
Rs.
Gift equivalent to
___________Rs.
Total ________________________ Rs.

Reason

4.0 USE OF CONDOM AND INFORMATION ON SEX PARTNERS

Condom use with Clients

<table>
<thead>
<tr>
<th>Q. N.</th>
<th>Questions and Filters</th>
<th>Coding Categories</th>
<th>Skip to</th>
</tr>
</thead>
<tbody>
<tr>
<td>401</td>
<td>The last time you had sex with your client, did he use a condom?</td>
<td>Yes................................. 1</td>
<td>401.2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No ......................... 2</td>
<td></td>
</tr>
<tr>
<td>401. 1</td>
<td>Who suggested condom use at that time?</td>
<td>Myself ....................... 1</td>
<td>402</td>
</tr>
<tr>
<td></td>
<td></td>
<td>My Partner .................. 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Don't know ................. 98</td>
<td></td>
</tr>
<tr>
<td>Q. N.</td>
<td>Questions and Filters</td>
<td>Coding Categories</td>
<td>Skip to</td>
</tr>
<tr>
<td>-------</td>
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<td>---------</td>
</tr>
</tbody>
</table>
| 401.2 | Why didn't your client use a condom at that time? | Not available............... 1  
Too expensive .................. 2  
Partner objected ............... 3  
I didn't like to use it........... 4  
Used other contraceptive ...... 5  
Didn't think it was necessary 6  
Didn't think of it.............. 7  
Client offered more money.... 8  
Didn't know / not aware about condom ...................... 9  
Other (Specify) ____________ ........................................... 96  
Don't know..................... 98 | |

| 402 | How often did your clients use condom over the past 12 months? | All of the time................. 1  
Most of the time .............. 2  
Some of the time ............ 3  
Rarely.......................... 4  
Never.................................. 5 | 403 |

| 402.1 | Why didn't your client use condom always? | Not available............... 1  
Too expensive .................. 2  
Partner objected ............... 3  
I didn't like to use it........... 4  
Used other contraceptive ...... 5  
Didn't think it was necessary 6  
Didn't think of it.............. 7  
Client offered more money.... 8  
Didn't know / not aware about condom ...................... 9  
Other (Specify) ____________ ........................................... 96  
Don't know..................... 98 | |

### Condom use with Regular Client

<table>
<thead>
<tr>
<th>Q. N.</th>
<th>Questions and Filters</th>
<th>Coding Categories</th>
<th>Skip to</th>
</tr>
</thead>
</table>
| 403 | Do you have any client who visits you on regular basis? | Yes........................... 1  
No ................................... 2 | 406 |
| 404 | Did your regular client use condom in the last sexual contact with you? | Yes........................... 1  
No ................................... 2 | 404.2 |
| 404.1 | Who suggested condom use at that time? | Myself ......................... 1  
My Partner ....................... 2  
Don't know ..................... 98 | 405 |
<table>
<thead>
<tr>
<th>Q. N.</th>
<th>Questions and Filters</th>
<th>Coding Categories</th>
<th>Skip to</th>
</tr>
</thead>
</table>
| 404.2 | Why didn't your regular client use a condom at that time?                              | Not available .......................... 1  
Too expensive .......................... 2  
Partner objected ...................... 3  
I didn't like to use it .............. 4  
Used other contraceptive ............. 5  
Didn't think it was necessary ...... 6  
Didn't think of it ..................... 7  
Client offered more money .......... 8  
Didn't know / not aware about condom .......................... 9  
Other (Specify) .......................... 96  
Don't know ............................. 98 |

| 405   | How often did your regular clients use condom with you over the past 12 months?        | All of the time ........................ 1  
Most of the time ...................... 2  
Some of the time ..................... 3  
Rarely .................................... 4  
Never ..................................... 5  | 406 |

| 405.1 | Why didn't they use condom always? (Multiple answers. DO NOT READ the possible answers) | Not available .......................... 1  
Too expensive .......................... 2  
Partner objected ...................... 3  
I didn't like to use it .............. 4  
Used other contraceptive ............. 5  
Didn't think it was necessary ...... 6  
Didn't think of it ..................... 7  
Client offered more money .......... 8  
Other (Specify) .......................... 96  
Don't know ............................. 98 |

**Condom use with Non-Paying Cohabiting Partner (Husband or Male Friend)**

<table>
<thead>
<tr>
<th>Q. N.</th>
<th>Questions and Filters</th>
<th>Coding Categories</th>
<th>Skip to</th>
</tr>
</thead>
</table>
| 406   | Did you have sexual intercourse with your husband or a male friend in past six months? | Yes ........................................ 1  
No ........................................ 2  | 409 |

| 407   | Think about your most recent sexual intercourse with your husband or male partner. How many times did you have sexual intercourse with this person over the last 30 days? (Write '00' for none intercourse in past one month) | Number of times ..........................  
Don't know ............................. 98 |

| 408   | The last time you had sex with your husband or male friend staying to gather, did your sex partner use a condom? | Yes ........................................ 1  
No ........................................ 2  | 408.2 |

| 408.1 | Who suggested condom use that time?                                                     | Myself .................................. 1  
My Partner ............................. 2  
Don't know ............................. 98 | 409 |
<table>
<thead>
<tr>
<th>Q. N.</th>
<th>Questions and Filters</th>
<th>Coding Categories</th>
<th>Skip to</th>
</tr>
</thead>
</table>
| 408.2 | Why didn't your partner use a condom that time? | Not available................. 1  
Too expensive ................. 2  
Partner objected ........... 3  
I didn't like to use it........ 4  
Used other contraceptive ..... 5  
Didn't think it was necessary 6  
Didn't think of it ............ 7  
Trust partner.................. 8  
Wish to have child.............. 9  
Other (Specify) ____________ ........................................... 96  
Don't know........................ 98 |         |
| 409   | How often did all of your non-paying partners use condoms over the last 12 months? | All of the time .................. 1  
Most of the time .............. 2  
Some of the time ............ 3  
Rarely.................................. 4  
Never................................. 5  
Did not have sexual intercourse in the last 12 months ........ 6 | 410     |
| 409.1 | Why didn’t they use condom always? (Multiple answers. DO NOT READ the possible answers) | Not available................... 1  
Too expensive.................... 2  
Partner objected............... 3  
I didn't like to use it......... 4  
Used other contraceptive ...... 5  
Didn't think it was necessary 6  
Didn't think of it ............. 7  
Trust partner.................... 8  
Wish to have child............ 9  
Other (Specify) _____________ ........................................... 96  
Don't know........................ 98 | 410     |

Condom use with sex partners other than clients, husbands and male friends living together

<table>
<thead>
<tr>
<th>Q. N.</th>
<th>Questions and Filters</th>
<th>Coding Categories</th>
<th>Skip to</th>
</tr>
</thead>
</table>
| 410   | During the past one year, did you have sexual intercourse with a person other than your client, husband/ male friend? | Yes............................. 1  
No .................................. 2 | 412.2 |
| 411   | Did he use condom when he had last sexual contact with you? | Yes............................. 1  
No .................................. 2 | 411.2 |
| 411.1 | Who suggested condom use at that time? | Myself ......................... 1  
My Partner ....................... 2  
Don't know ....................... 98 | 412 |
| 411.2 | Why didn't he use condom at that time? | Not available................ 1  
Too expensive ................... 2  
Partner objected ............. 3 |         |
<table>
<thead>
<tr>
<th>Q. N.</th>
<th>Questions and Filters</th>
<th>Coding Categories</th>
<th>Skip to</th>
</tr>
</thead>
<tbody>
<tr>
<td>412</td>
<td>How often did your other partners use condom with you over the past 12 months?</td>
<td>All of the time .......... 1</td>
<td>412.2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Most of the time  .......... 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Some of the time .......... 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rarely .................. 4</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Never .................. 5</td>
<td></td>
</tr>
</tbody>
</table>

| 412.1 | Why did your other partners not use condom regularly? | Not available .......... 1 |         |
|       | (Multiple answers. DO NOT READ the possible answers) | Too expensive .......... 2 |         |
|       |                                                        | Partner objected .......... 3 |         |
|       |                                                        | I didn't like to use .......... 4 |         |
|       |                                                        | Used other contraceptive ..... 5 |         |
|       |                                                        | Didn't think it was necessary ..... 6 |         |
|       |                                                        | Didn't think of it .......... 7 |         |
|       |                                                        | Other (Specify) .......... 96 |         |
|       |                                                        | Don't know .......... 98 |         |

Knowledge and use of female condom

<table>
<thead>
<tr>
<th>Q. N.</th>
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<th>Coding Categories</th>
<th>Skip to</th>
</tr>
</thead>
<tbody>
<tr>
<td>412.2</td>
<td>Have you heard about condoms that can be used by women?</td>
<td>Yes .................. 1</td>
<td>412.7</td>
</tr>
<tr>
<td></td>
<td>(If the respondent has not heard about female condom, explain what they are before asking questions)</td>
<td>No .................. 2</td>
<td></td>
</tr>
</tbody>
</table>

<p>| 412.3 | If yes, from where did you know about this? | Radio .................. 1 |         |
|       | (Multiple answers. DO NOT READ the possible answers) | TV .................. 2 |         |
|       |                                                        | Pharmacy .................. 3 |         |
|       |                                                        | Health Post/Health Center .. 4 |         |
|       |                                                        | Hospital .................. 5 |         |
|       |                                                        | Health Workers/Volunteers .. 6 |         |
|       |                                                        | Friends/Relatives/Neighbors 7 |         |
|       |                                                        | NGO staff .................. 8 |         |
|       |                                                        | Newspapers/Posters .......... 9 |         |
|       |                                                        | Video Van .................. 10 |         |
|       |                                                        | Street Drama ................. 11 |         |
|       |                                                        | Cinema Hall ................. 12 |         |
|       |                                                        | Community interaction/training .......... 13 |         |
|       |                                                        | Bill Board/Sign Board .... 14 |         |
|       |                                                        | Comic Book .................. 15 |         |
|       |                                                        | Community Workers .......... 16 |         |
|       |                                                        | Other (Specify) .......... 96 |         |</p>
<table>
<thead>
<tr>
<th>Q. N.</th>
<th>Questions and Filters</th>
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<th>Skip to</th>
</tr>
</thead>
<tbody>
<tr>
<td>412.4</td>
<td>Have you ever used female condoms?</td>
<td>Yes ....................................... 1</td>
<td>412.7</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No ........................................ 2</td>
<td></td>
</tr>
<tr>
<td>412.5</td>
<td>When was the last time you used female condom?</td>
<td>Within a month ...................... 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1-5 months before .................... 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>6-11 months before ................... 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>More than 12 months before .......... 4</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Don't remember/know ............. 98</td>
<td></td>
</tr>
<tr>
<td>412.6</td>
<td>Who was your sex partner when you used female condom last time?</td>
<td>Regular partner .................... 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Client .................................. 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Regular client ....................... 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Others (Specify) .................... 96</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Don't remember/know ............. 98</td>
<td></td>
</tr>
<tr>
<td>412.7</td>
<td>In your opinion are female condoms useful for women like you?</td>
<td>Yes ....................................... 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>No ........................................ 2</td>
<td></td>
</tr>
<tr>
<td>413</td>
<td>With whom did you have your last sexual intercourse in the past one year?</td>
<td>Client .................................. 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Regular client ....................... 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Husband/male friend .................. 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Other male ................................ 4</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Others (Specify) .................... 96</td>
<td></td>
</tr>
<tr>
<td>413.1</td>
<td>Did you use condom at that time?</td>
<td>Yes ....................................... 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>No ........................................ 2</td>
<td></td>
</tr>
</tbody>
</table>

**Condom Accessibility**

<table>
<thead>
<tr>
<th>Q. N.</th>
<th>Questions and Filters</th>
<th>Coding Categories</th>
<th>Skip to</th>
</tr>
</thead>
<tbody>
<tr>
<td>414</td>
<td>Do you usually carry condoms with you?</td>
<td>Yes ....................................... 1</td>
<td>415</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No ........................................ 2</td>
<td></td>
</tr>
<tr>
<td>414.1</td>
<td>At this moment, how many condoms do you have at-hand with you? (Observe and write)</td>
<td>Number ................................</td>
<td></td>
</tr>
<tr>
<td>415</td>
<td>Which places or persons do you know from where/whom you can obtain condoms?</td>
<td>Health Post/ health center .... 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Pharmacy .................. 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>General retail store (Kirana Pasal) 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Private clinic .................. 4</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Paan shop ..................... 5</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hospital ....................... 6</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>FPAN clinic .................... 7</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Peer/friends ..................... 8</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>NGO/health workers/volunteers .... 9</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1.6 Hotel/lodge .................. 10</td>
<td></td>
</tr>
<tr>
<td>Q. N.</td>
<td>Questions and Filters</td>
<td>Coding Categories</td>
<td>Skip to</td>
</tr>
<tr>
<td>-------</td>
<td>-----------------------</td>
<td>-------------------</td>
<td>---------</td>
</tr>
<tr>
<td>415.1</td>
<td>How long does it take for you to obtain a condom from the nearest spot from your house or your working place?</td>
<td>Minutes</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>No knowledge/not aware of condom</td>
<td>95</td>
</tr>
<tr>
<td>416</td>
<td>How do you usually obtain condoms? (Buy, obtain free of cost or both ways)</td>
<td>Always free of cost</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Purchase</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Obtain both ways</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Condom never used</td>
<td>4</td>
</tr>
<tr>
<td>416.1</td>
<td>From where do you often obtain free condoms? (Multiple answers. DO NOT READ the possible answers)</td>
<td>Health Post/Health Center</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hospital</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FPAN clinics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Peers/friends</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Community events</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NGO/Health Workers/Volunteers</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Client/other sex partner</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Massage parlor</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hotel/lodge/restaurant</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Bhatti pasal</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Others (Specify)</td>
<td>96</td>
</tr>
<tr>
<td>416.2</td>
<td>Which would be the most convenient place/s for you to obtain free condoms? (Multiple answers. DO NOT READ the possible answers)</td>
<td>Health Post/Health Center</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hospital</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FPAN clinics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Peers/friends</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Community events</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NGO/Health Workers/Volunteers</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Client/other sex partner</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Massage parlor</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hotel/lodge/restaurant</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Bhatti pasal</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Others (Specify)</td>
<td>96</td>
</tr>
<tr>
<td>416.3</td>
<td>In the last 12 months, have you been given condoms by any organizations?</td>
<td>Yes - free</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Yes – on cash</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No</td>
<td>3</td>
</tr>
<tr>
<td>1.7.1.1.1.1.1.1.1.1.1</td>
<td>Note: If response is '1' in Q416 Go to Q418 after 416.3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>417</td>
<td>From where do you often purchase condoms? (Multiple answers. DO NOT READ the possible answers)</td>
<td>Pharmacy</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>General retail store (Kirana Pasal)</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Private clinic</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Pan Shop</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hotel/lodge/restaurant</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Others (Specify)</td>
<td>96</td>
</tr>
<tr>
<td>417.1</td>
<td>Which would be the most convenient</td>
<td>Pharmacy</td>
<td>1</td>
</tr>
<tr>
<td>Q. N.</td>
<td>Questions and Filters</td>
<td>Coding Categories</td>
<td>Skip to</td>
</tr>
<tr>
<td>------</td>
<td>--------------------------------------------------------------------------------------</td>
<td>-----------------------------------------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td></td>
<td>place/s for you to purchase condoms? (Multiple answers. DO NOT READ the possible answers)</td>
<td>General retail store (Kirana Pasal) 2 Private clinic 3 Pan Shop 4 Hotel/lodge/restaurant 5 Others (Specify) 96</td>
<td></td>
</tr>
</tbody>
</table>

**Type of Sex Practices**

<table>
<thead>
<tr>
<th>Q. N.</th>
<th>Questions and Filters</th>
<th>Coding Categories</th>
<th>Skip to</th>
</tr>
</thead>
<tbody>
<tr>
<td>418</td>
<td>During the past one-year, did any of your sexual partners force you to have sex with them against your wish?</td>
<td>Yes ....................................... 1 No ........................................ 2</td>
<td></td>
</tr>
<tr>
<td>419</td>
<td>Did any person physically assault you (for any reason) in the past year?</td>
<td>Yes ....................................... 1 No ........................................ 2</td>
<td></td>
</tr>
<tr>
<td>420</td>
<td>In the past year, did any of your clients perform such act/s that you did not like?</td>
<td>Yes ....................................... 1 No ........................................ 2</td>
<td>422</td>
</tr>
<tr>
<td>421</td>
<td>If yes, what were they?</td>
<td>Oral sex .................................. 1 Masturbation .................................. 2 Anal sex .................................. 3 Beaten up .................................. 4 Snatched /stole money .......... 5 Used abusive language (bhalu etc.) .......... 6 Ran away without paying..... 7 Burnt with cigarette .......... 8 Forced to have sex after drinking alcohol .......... 9 Other (Specify) .......... 96</td>
<td></td>
</tr>
<tr>
<td>422</td>
<td>In the past year, did you have other type of sexual intercourse other than vaginal? (INSTRUCTION TO INTERVIEWER: Explain the other types of sexual intercourse besides vaginal (such as oral, anal))</td>
<td>Yes ....................................... 1 No ........................................ 2</td>
<td>501</td>
</tr>
<tr>
<td>422.1</td>
<td>If yes, what type of sexual act/s were they?</td>
<td>Oral ...................................... 1 Anal ...................................... 2 Masturbation ................................ 3 Other (Specify) .......... 96</td>
<td></td>
</tr>
<tr>
<td>422.2</td>
<td>What type of sexual contact did you have with your last client?</td>
<td>Oral ...................................... 1 Anal ...................................... 2 Masturbation ................................ 3 Vaginal .................................. 4 Other (Specify) .......... 96</td>
<td></td>
</tr>
</tbody>
</table>

20
### 3.0 AWARENESS OF HIV/AIDS

<table>
<thead>
<tr>
<th>Q. N.</th>
<th>Questions and Filters</th>
<th>Coding Categories</th>
<th>Skip to</th>
</tr>
</thead>
</table>
| 501   | Have you ever heard of HIV/AIDS?                                                        | Yes ............................. 1  
|       |                                                                                       | No ............................. 2  
| 502   | Of the following sources of information, from which sources have you                   |                       | 601     |
|       | collected information on HIV/AIDS within the past one-year?                            |                       |         |
|       | **Source of Information**                                                              | **Yes** | **No** |
| 1.    | Radio                                                                                  | 1  | 2  |   |
| 2.    | Television                                                                             | 1  | 2  |   |
| 3.    | Newspapers/Magazines                                                                  | 1  | 2  |   |
| 4.    | Pamphlets/Posters                                                                     | 1  | 2  |   |
| 5.    | Health Workers                                                                        | 1  | 2  |   |
| 6.    | School/Teachers                                                                        | 1  | 2  |   |
| 7.    | Friends/Relatives                                                                      | 1  | 2  |   |
| 8.    | Work Place                                                                            | 1  | 2  |   |
| 9.    | People from NGO                                                                       | 1  | 2  |   |
| 10.   | Video Van                                                                             | 1  | 2  |   |
| 11.   | Street Drama                                                                           | 1  | 2  |   |
| 12.   | Cinema Hall                                                                           | 1  | 2  |   |
| 13.   | Community Event/Training                                                               | 1  | 2  |   |
| 14.   | Bill Board/Sign Board                                                                 | 1  | 2  |   |
| 15.   | Comic Book                                                                            | 1  | 2  |   |
| 16.   | Community Workers                                                                     | 1  | 2  |   |
| 96.   | Others (Specify)                                                                       | 1  | 2  |   |

#### Knowledge, Opinion and Misconception about HIV/AIDS

<table>
<thead>
<tr>
<th>Q. N.</th>
<th>Questions and Filters</th>
<th>Coding Categories</th>
<th>Skip to</th>
</tr>
</thead>
</table>
| 503   | Do you know anyone who is infected with HIV or who has died of AIDS?                   | Yes ............................. 1  
|       |                                                                                       | No ............................. 2  
| 504   | Do you have a close relative or close friend who is infected with HIV or has died of AIDS? | Yes, a close relative............. 1  
|       |                                                                                       | Yes, a close friend ............. 2  
|       |                                                                                       | No ........................................ 3  
| 505   | Can people protect themselves from HIV by keeping sexual contact with only one uninfected faithful sex partner? | Yes ............................. 1  
|       |                                                                                       | No ............................. 2  
|       |                                                                                       | Don't know ......................... 98  
| 506   | Can people protect themselves from HIV, virus-causing AIDS, by using condom correctly in each sexual contact? | Yes ............................. 1  
|       |                                                                                       | No ............................. 2  
|       |                                                                                       | Don't know ......................... 98  
| 507   | Do you think a healthy-looking person can be infected with HIV?                        | Yes ............................. 1  
|       |                                                                                       | No ............................. 2  
|       |                                                                                       | Don't know ......................... 98  

21
<table>
<thead>
<tr>
<th>Q. N.</th>
<th>Questions and Filters</th>
<th>Coding Categories</th>
</tr>
</thead>
</table>
| 508   | Can a person get the HIV virus from mosquito bite?                                    | Yes........................................... 1  
                                               | No ....................................... 2  
                                               | Don't know .......................... 98 |
| 509   | Can a person get HIV by sharing a meal with an HIV infected person?                   | Yes........................................... 1  
                                               | No ....................................... 2  
                                               | Don't know .......................... 98 |
| 510   | Can a pregnant woman infected with HIV/AIDS transmit the virus to her unborn child?   | Yes........................................... 1  
                                               | No ....................................... 2  
                                               | Don't know .......................... 98 |
| 511   | What can a pregnant woman do to protect her child from HIV transmission?              | Cannot do anything/cannot protect the child .......... 0  
                                               | Take Medication ........................ 1  
                                               | Abort the child ........................ 2  
                                               | Other (Specify) ........................ 96  
                                               | Don't know .......................... 98 |
| 512   | Can a woman with HIV/AIDS transmit the virus to her new-born child through breastfeeding? | Yes........................................... 1  
                                               | No ....................................... 2  
                                               | Don't know .......................... 98 |
| 513   | Can people protect themselves from HIV virus by abstaining from sexual intercourse?  | Yes........................................... 1  
                                               | No ....................................... 2  
                                               | Don't know .......................... 98 |
| 514   | Can a person get HIV by holding an HIV infected person’s hand?                       | Yes........................................... 1  
                                               | No ....................................... 2  
                                               | Don't know .......................... 98 |
| 515   | Can a person get HIV, by using previously used needle/syringe?                        | Yes........................................... 1  
                                               | No ....................................... 2  
                                               | Don't know .......................... 98 |
| 516   | Can blood transfusion from an infected person to the other transmit HIV?              | Yes........................................... 1  
                                               | No ....................................... 2  
                                               | Don't know .......................... 98 |
| 517   | Is it possible in your community for someone to have a confidential HIV test?        | Yes........................................... 1  
                                               | No ....................................... 2  
                                               | Don't know .......................... 98 |
| 517.1 | Do you know where can you go for HIV testing?                                        | Yes........................................... 1  
                                               | No ....................................... 2  
                                               |                                                  |
| 518   | **I don't want to know the result**, but have you ever had an HIV test?              | Yes........................................... 1  
                                               | No ....................................... 2  
                                               |                                                  |
| 519   | Did you voluntarily undergo the HIV test or because it was required?                | Voluntarily .................................. 1  
                                               | Required .............................. 2  
                                               |                                                  |
| 520   | **Please do not tell me the result**, but did you find out the result of your test? | Yes........................................... 1  
                                               | No ....................................... 2  
                                               |                                                  |
### 1.7.2 Questions and Filters

#### 521 Why did you not receive the test result?
- **Sure of not being infected**: 1
- **Afraid of result**: 2
- **Felt unnecessary**: 3
- **Forgot it**: 4
- **Other (Specify)**: 96

#### 522 When did you have your most recent HIV test?
- **Within last 12 months**: 1
- **Between 1-2 years**: 2
- **Between 2-4 years**: 3
- **More than 4 years ago**: 4

#### 523 Have you taken up HIV testing in the past 12 months?
- **Yes**: 1
- **No**: 2

#### 524 I don’t want to know the results, but did you receive the results of that test?
- **Yes**: 1
- **No**: 2

### 6.0 PROMOTION OF CONDOM

#### 601 In the past one-year have you seen, read or heard any advertisements about condoms from the following sources? (READ THE FOLLOWING LIST)

<table>
<thead>
<tr>
<th>Sources of Information</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Radio</td>
<td>1</td>
<td>2</td>
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<td>14. Bill Board/Sign Board</td>
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| 602   | What message did you get from the advertisement?                                      | Condoms should be used to avoid HIV/AIDS ............................................. 1  
Condoms should be used to avoid STI............................................... 2  
Condoms should be used for family planning, other family planning messages............... 3  
Other (Specify) __________________________ 96 |         |
| 603   | In the past one-year, have you ever seen, heard or read following messages?          | 1.7.3 Messages/Characters                                                                 |         |
|       | 1. Jhilke Dai Chha Chhaina Condom                                                    | Yes 1 No 2                                                                                  |         |
|       | 2. Condom Kina Ma Bhaya Hunna Ra                                                      | Yes 1 No 2                                                                                  |         |
|       | 3. Youn Rog Ra AIDS Bata Bachnalai Rakhnu Parchha Sarbatra Paine Condom Lai           | Yes 1 No 2                                                                                  |         |
|       | 4. Ramro Sanga Prayog Gare Jokhim Huna Dinna Bhaarardo Chhu Santosh Dinchhu Jhanjhat Manna Hunna | Yes 1 No 2                                                                                  |         |
|       | 5. Condom Bata Surakchhya, Youn Swasthya Ko Rakchhya AIDS Ra Younrog Bata Bachna Sadhai Condom Ko Prayog Garau | Yes 1 No 2                                                                                  |         |
|       | 6. HIV/AIDS Bare Aajai Dekhe Kura Garau                                              | Yes 1 No 2                                                                                  |         |
|       | 7. Ek Apas Ka Kura                                                                  | Yes 1 No 2                                                                                  |         |
|       | 8. Maya Garaun Sadbhav Badaun                                                        | Yes 1 No 2                                                                                  |         |
|       | 9. Des Pardes                                                                       | Yes 1 No 2                                                                                  |         |
|       | 96. Others (Specify)                                                                | Yes 1 No 2                                                                                  |         |
| 603.1 | Besides above messages have you seen, heard or read any other messages relating to STI/HIV/ AIDS Prevention or Condom Uses? | Yes..................................... 1  No..................................... 2→ 604 |         |
| 603.2 | What are they?                                                                       | Advertisement on No.1 condom.. ......................... 1  
Condom lagaun, AIDS bhagaun............................... 2  
Others (specify)______ 96                           |         |
| 604   | During the past one-year what brand of condoms did you use most of the time?       | Never used condom............. 0  
Number One .................. 1  
Dhaal ................................ 2  
Panther ....................... 3  
Kamasutra ..................... 4  
Jodi ................................ 5 |         |
### Knowledge of and Participation in STI and HIV/AIDS Programs

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<td>Have you met or discussed or interacted with peer educators (PE) or outreach educators (OE) in the last 12 months?</td>
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<td>When you met/discussed/interacted with PE or OE, what activities did they involve you in?</td>
<td>Discussion on how HIV/AIDS is/isn’t transmitted .............. 1</td>
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<td>Regular/non-regular use of condom .......................... 3</td>
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<td>Counseling on reducing number of sex partner .......... 6</td>
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<td>Training on HIV and STI, Condom day, AIDS day, participation in discussions and interaction programs ..... 7</td>
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<td>Do you know from which organization were they?</td>
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(Multiple answers. DO NOT READ the possible answers)
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<td>What did you do at DIC?</td>
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<td><strong>Participated in discussion on HIV transmission</strong> ........... 4</td>
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<td>Have you visited any STI clinic in the last 12 months?</td>
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<td>What did you do at such STI clinics? (Multiple answers. do not read the possible answers given below)</td>
<td>Blood tested for STI ............. 1</td>
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<td>Was advised to use condom in each sexual intercourse .......... 3</td>
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<td>Do you know which organizations run those STI clinics? (Multiple answers. do not read the possible answers)</td>
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<td>How many times have you visited such STI clinic in the last 12 months?</td>
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<td>Have you visited any voluntary counseling and testing (VCT) centers in the last 12 months?</td>
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<td>What did you do at such VCT centers? 3</td>
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<td></td>
<td>Siddhartha Club ..................... 5</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>SACTS ............................... 6</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>NFCC ............................... 7</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>WATCH ............................... 8</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>CAC ............................... 9</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>NNSWA ............................... 10</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>GWP ............................... 11</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Indreni sewa samaj ............ 12</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Trinetra ............................ 13</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Others (Specify) __________</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>........................................... 96</td>
<td></td>
</tr>
<tr>
<td>620</td>
<td>For how many times have you visited VCT center in the last 12 months? 6</td>
<td>Once .................................... 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2-3 times ............................... 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>4-6 times ............................... 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>7-12 times ............................... 4</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>More than 12 times............ 5</td>
<td></td>
</tr>
</tbody>
</table>

28
<table>
<thead>
<tr>
<th>Q. N.</th>
<th>7 QUESTIONS AND FILTERS</th>
<th>7.1 Coding Categories</th>
<th>Skip to</th>
</tr>
</thead>
</table>
| 620.1 | If not visited VCT in the last 12 months, what is the reason for this?  
(Multiple answers. DO NOT READ the possible answers) | Do not know about VCT center.  
I do not think I need to be tested  
I have no symptoms of HIV  
No VCT near by  
I have already tested and know my status  
No money to go to VCT center  
Fear that people will see me visiting VCT  
Fear that family members/friend/clients will know it  
Others (Specify) | 620.1 |
| 620.2 | Have you ever been approached by HIV/AIDS related health workers/  
outreach workers to explain you about the need of VCT? | Yes  
No | 621 |
| 620.3 | If you were approached by health workers/outreach workers, what did they advise you?  
(Multiple answers. DO NOT READ the possible answers) | Talked about my sex partners  
Advised to visit VCT if I have some problems  
Advised me to visit VCT once in a month in any case  
Did not talk about HIV testing  
Others (Specify) | 620.3 |
| 621 | Have you ever participated in HIV/AIDS awareness raising program or community events in the last 12 months? | Yes  
No | 701 |
| 622 | 8 WHAT WERE THE ACTIVITIES THAT YOU PARTICIPATED IN?  
(Multiple answers. DO NOT READ the possible answers) | Street drama  
AIDS Day  
Condom Day  
Video Shows  
Group discussions  
Talk programs  
HIV/AIDS related training  
HIV/AIDS related Workshops  
Condom use demonstrations  
Others (Specify) | 622 |
| 623 | 9 DO YOU KNOW WHICH ORGANIZATIONS ORGANIZED THOSE ACTIVITIES?  
(Multiple answers. DO NOT READ the possible answers given below) | AMDA  
GWP  
TRINETRA  
WATCH  
ICH  
NSARC  
NRCS | 623 |
### 624 How many times have you participated in such activities in the last 12 months?

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Once</td>
<td>1</td>
</tr>
<tr>
<td>2-3 times</td>
<td>2</td>
</tr>
<tr>
<td>4-6 times</td>
<td>3</td>
</tr>
<tr>
<td>7-12 times</td>
<td>4</td>
</tr>
<tr>
<td>More than 12 times</td>
<td>5</td>
</tr>
</tbody>
</table>

### 7.0 STI (SEXUALLY TRANSMITTED INFECTION)

#### 701 Which diseases do you understand by STI?

(Multiple answers. DO NOT READ the possible answers)

<table>
<thead>
<tr>
<th>Disease Description</th>
<th>Coding Categories</th>
</tr>
</thead>
<tbody>
<tr>
<td>White discharge/discharge of Pus/dhatu flow</td>
<td>1</td>
</tr>
<tr>
<td>Itching around vagina</td>
<td>2</td>
</tr>
<tr>
<td>Lower abdominal pain</td>
<td>3</td>
</tr>
<tr>
<td>Syphilis (Bhiringi)/gonorrhea</td>
<td>4</td>
</tr>
<tr>
<td>HIV/AIDS</td>
<td>5</td>
</tr>
<tr>
<td>Painful urination</td>
<td>6</td>
</tr>
<tr>
<td>Swelling of vagina</td>
<td>7</td>
</tr>
<tr>
<td>Pain in vagina</td>
<td>8</td>
</tr>
<tr>
<td>Unusual bleeding from vagina</td>
<td>9</td>
</tr>
<tr>
<td>Ulcer or sore around vagina</td>
<td>10</td>
</tr>
<tr>
<td>Fever</td>
<td>11</td>
</tr>
<tr>
<td>Burning during urination</td>
<td>12</td>
</tr>
<tr>
<td>Weight loss/get thinner</td>
<td>13</td>
</tr>
<tr>
<td>Don’t know</td>
<td>98</td>
</tr>
<tr>
<td>Other (Specify)</td>
<td>96</td>
</tr>
</tbody>
</table>

#### 702 Do you currently have any of the following symptoms?

<table>
<thead>
<tr>
<th>Symptom Description</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Pain in the lower abdomen</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>2. Pain during urination</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>3. Frequent urination</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>4. Pain during sex</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>5. Ulcer or sore in the genital area</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>6. Itching in or around the vagina</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>7. Vaginal odor or smell</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Q. N.</td>
<td>Questions and Filters</td>
<td>Coding Categories</td>
</tr>
<tr>
<td>-------</td>
<td>-----------------------</td>
<td>-------------------</td>
</tr>
<tr>
<td>8.</td>
<td>Vaginal bleeding (unusual)</td>
<td>1 2</td>
</tr>
<tr>
<td>9.</td>
<td>Unusual heavy, foul smelling vaginal discharge</td>
<td>1 2</td>
</tr>
<tr>
<td>10.</td>
<td>Genital Warts</td>
<td>1 2</td>
</tr>
<tr>
<td>96.</td>
<td>Others (Specify) ___________</td>
<td>1 2</td>
</tr>
</tbody>
</table>

(If answer is 'No' to all in the Q. No. 702 Go to Q. 710)

703 Have you gone through medical treatment for any of these symptoms? 
Yes ....................................... 1 
No ........................................ 2

703.1 If yes, for how long did you wait to go for the treatment? 
(Write '00' if less than a week) 
Week ......................................... 

704 Where did you go for the treatment? 
(Multiple answers. DO NOT READ the possible answers) 
Private Clinic  ....................... 1 
AMDA Clinic  ........................ 2 
NFCC  ....................... 3 
SACTS  ....................... 4 
FPAN Clinic  ....................... 5 
Health Post/ Health Center... 6 
Hospital  ....................... 7 
Pharmacy  ....................... 8 
Self Treatment (Specify) 9 
Others (Specify) ____________ 

705 For which symptoms did you get treatment? 
Specify the treatment. 

<table>
<thead>
<tr>
<th>Symptoms</th>
<th>Treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Pain in the lower abdomen</td>
<td></td>
</tr>
<tr>
<td>2. Pain during urination</td>
<td></td>
</tr>
<tr>
<td>3. Frequent urination</td>
<td></td>
</tr>
<tr>
<td>4. Pain during sex</td>
<td></td>
</tr>
<tr>
<td>5. Ulcer or sore in the genital area</td>
<td></td>
</tr>
<tr>
<td>6. Itching in or around the vagina</td>
<td></td>
</tr>
<tr>
<td>7. Vaginal odor or smell</td>
<td></td>
</tr>
<tr>
<td>8. Vaginal bleeding (unusual)</td>
<td></td>
</tr>
<tr>
<td>9. Unusual heavy, foul smelling vaginal discharge</td>
<td></td>
</tr>
<tr>
<td>10. Genital Warts</td>
<td></td>
</tr>
<tr>
<td>96. Others (Specify)</td>
<td></td>
</tr>
</tbody>
</table>

706 Did you receive a prescription for medicine? 
Yes ....................................... 1 
No ........................................ 2

707 Did you obtain all the medicine prescribed? 
Yes I obtained all of it .......... 1 
I obtained some but not all... 2 
I obtained none ................... 3

708 Did you take all of the medicine prescribed? 
Yes ....................................... 1 
No ........................................ 2
### Questions and Filters

#### Q. N. 708.1
If not, why did you not take all of the medicine prescribed?

<table>
<thead>
<tr>
<th>Coding Categories</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forgot to take             1</td>
</tr>
<tr>
<td>Felt cured                 2</td>
</tr>
<tr>
<td>Medicine did not help      3</td>
</tr>
<tr>
<td>Others (Specify)           96</td>
</tr>
</tbody>
</table>

#### Q. N. 709
How much did you pay for the medicine that you took?

If not paid mention the reasons

<table>
<thead>
<tr>
<th>Reason</th>
</tr>
</thead>
<tbody>
<tr>
<td>___________________________</td>
</tr>
<tr>
<td>___________________________</td>
</tr>
</tbody>
</table>

#### Q. N. 709
How much did you pay for the medicine that you took?

If not paid mention the reasons

<table>
<thead>
<tr>
<th>Rs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>___________________________</td>
</tr>
</tbody>
</table>

#### Q. N. 710
Did you have any of the following symptoms in the past year?

<table>
<thead>
<tr>
<th>Symptoms</th>
<th>10.1 Yes</th>
<th>10.2 No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pain in the lower abdomen</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Pain during urination</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Frequent urination</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Pain during sex</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Ulcer or sore in the genital area</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Itching in or around the vagina</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Vaginal odor or smell</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Vaginal bleeding (unusual)</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Unusual heavy, foul smelling vaginal discharge</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Genital Warts</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Others (Specify)</td>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

*(If answer is 'No' to all in Q. No. 710, Go to Q. No. 801)*

### Questions and Filters

#### Q. N. 711
Have you gone through medical treatment for any of these symptoms in the past year?

<table>
<thead>
<tr>
<th>Symptoms</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pain in the lower abdomen</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Pain during urination</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Frequent urination</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Pain during sex</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Ulcer or sore in the genital area</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Itching in or around the vagina</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Vaginal odor or smell</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Vaginal bleeding (unusual)</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Unusual heavy vaginal discharge and foul</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Genital Warts</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Others (Specify)</td>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

*(If answer is 'No' to all in Q. No. 711, Go to Q. No. 801)*
712 Where did you go for the treatment?  
(Multiple answers.  Do not read the possible answers).

<table>
<thead>
<tr>
<th>Clinic/Location</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Private clinic</td>
<td>1</td>
</tr>
<tr>
<td>AMDA clinic</td>
<td>2</td>
</tr>
<tr>
<td>NFCC</td>
<td>3</td>
</tr>
<tr>
<td>SACTS</td>
<td>4</td>
</tr>
<tr>
<td>FPAN clinic</td>
<td>5</td>
</tr>
<tr>
<td>Health post/health center</td>
<td>6</td>
</tr>
<tr>
<td>Hospital</td>
<td>7</td>
</tr>
<tr>
<td>Pharmacy</td>
<td>8</td>
</tr>
<tr>
<td>Self treatment (Specify)</td>
<td>9</td>
</tr>
<tr>
<td>GWP</td>
<td>10</td>
</tr>
<tr>
<td>Siddhartha club clinic</td>
<td>11</td>
</tr>
<tr>
<td>WATCH clinic</td>
<td>12</td>
</tr>
<tr>
<td>CAC</td>
<td>13</td>
</tr>
<tr>
<td>NSARC</td>
<td>14</td>
</tr>
<tr>
<td>Trinetra</td>
<td>15</td>
</tr>
<tr>
<td>Indreni sewa samaj</td>
<td>16</td>
</tr>
<tr>
<td>Others (Specify)</td>
<td>96</td>
</tr>
</tbody>
</table>

713 Did anyone from the place where you went for treatment counsel you about how to avoid the problem?  
Yes............ 1  
No............. 2

713.1 What did he/she tell you?  
(Multiple answers, DONOT READ the possible answers)

<table>
<thead>
<tr>
<th>Advice</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Told me to use condom</td>
<td>1</td>
</tr>
<tr>
<td>Told me to reduce number of sexual partners</td>
<td>2</td>
</tr>
<tr>
<td>Told me to take medicine regularly</td>
<td>3</td>
</tr>
<tr>
<td>Told me not to have sexual contact during medicine taking period</td>
<td>4</td>
</tr>
<tr>
<td>Advised me to come for regular check up</td>
<td>5</td>
</tr>
<tr>
<td>Others (Specify)</td>
<td>96</td>
</tr>
</tbody>
</table>

### USE OF DRUGS AND INJECTION

<table>
<thead>
<tr>
<th>Q. N.</th>
<th>Questions and Filters</th>
<th>Coding Categories</th>
<th>Skip to</th>
</tr>
</thead>
</table>
| 801   | During the last 30 days how often did you have drinks containing alcohol? | Everyday ................. 1  
2-3 times a week .............. 2  
At least once a week .......... 3  
Less than once in a week .... 4  
Never ........................ 5  
Don't know ................... 98 |
| 802   | Some people take different types of drugs. Have you also tried any of those drugs in the past 30 days? (Ganja, Bhang, Nitroson, Nitrovet E.) | Yes...................... 1  
No .......................... 2  
Don't know .................. 98 |
<p>| 803   | Some people inject drugs using a syringe. | Yes .......................... 1 |</p>
<table>
<thead>
<tr>
<th>Q. N.</th>
<th>Questions and Filters</th>
<th>Coding Categories</th>
<th>Skip to</th>
</tr>
</thead>
</table>
| 804   | Have you injected drugs in last 12 months? (Do not count drugs injected for medical purposes or treatment of an illness) | Yes ..................... 1  
No ..................... 2  
Don't know ................ 98 | 809 |
| 805   | Are you currently injecting drugs? | Yes ..................... 1  
No ..................... 2  | 809 |
| 806   | Think about the last time you injected drugs. Did you use a needle or syringe that had previously been used by someone else? | Yes ..................... 1  
No ..................... 2  
Don't know ................ 98 | 809 |
| 807   | Think about the time you injected drugs during the past one month. How often was it with a needle or syringe that had previously been used by someone else? | Every Time .................. 1  
Almost Every Time........... 2  
Sometimes.................. 3  
Never ...................... 4  
Don't Know .................. 98 | |
| 808   | Usually how do you obtain a syringe/needle? | My friend/relative give it to me after use........................... 1  
Unknown person give it to me .... 2  
I pick it up from a public place used and left by others ....... 3  
I pick it up from a public place where I leave my syringes.... 4  
I use a new needle/syringe given by NGO/volunteer...... 5  
I purchase a new needle/syringe ...................... 6  
Others (Specify) ___________ | |
| 809   | Have you ever exchanged sex for drugs? | Yes.......................... 1  
No.......................... 2  | |
| 810   | Have you ever exchanged sex for money so that you can buy drug? | Yes.......................... 1  
No.......................... 2  | |
| 811   | To your knowledge, have any of your sex partners injected drugs? | Yes.......................... 1  
No.......................... 2  | 812 |
| 811.1 | (For Married SW only) Does your husband inject drug? (Check with Q. 204) | Yes.......................... 1  
No.......................... 2  
Don't know .................. 98 | |
| 811.2 | (For female having regular client) Did your regular client inject drug? (Check with Q. 403) | Yes.......................... 1  
No.......................... 2  
Don't know .................. 98 | |
| 811.3 | (For all) Do you know any of your client ever injecting drugs? | Yes.......................... 1  
No.......................... 2  
Don't know .................. 98 | |
| 812   | Do you know anyone who injects drugs? | Yes.......................... 1  
No.......................... 2  | 901 |
<table>
<thead>
<tr>
<th>Q. N.</th>
<th>Questions and Filters</th>
<th>Coding Categories</th>
<th>Skip to</th>
</tr>
</thead>
<tbody>
<tr>
<td>812.1</td>
<td>If yes, how are you related to her/him?</td>
<td>Client ....................... 1 &lt;br&gt; Friend ......................... 2 &lt;br&gt; Family .......................... 3 &lt;br&gt; Relative .......................... 4 &lt;br&gt; Neighbor/male from village/someone not related to ............................................. 5 &lt;br&gt; Other (Specify)_____________ 96</td>
<td></td>
</tr>
</tbody>
</table>

### 9.0 STIGMA AND DISCRIMINATION

<table>
<thead>
<tr>
<th>Q. N.</th>
<th>Questions and Filters</th>
<th>Coding Categories</th>
<th>Skip to</th>
</tr>
</thead>
<tbody>
<tr>
<td>901</td>
<td>If a male relative of yours gets HIV, would you be willing to take care of him in your household?</td>
<td>Yes ............................. 1 &lt;br&gt; No ................................. 2 &lt;br&gt; Don't know .......................... 98</td>
<td></td>
</tr>
<tr>
<td>902</td>
<td>If a female relative of yours gets HIV, would you be willing to take care of her in your household?</td>
<td>Yes ............................. 1 &lt;br&gt; No ................................. 2 &lt;br&gt; Don't know .......................... 98</td>
<td></td>
</tr>
<tr>
<td>903</td>
<td>If a member of your family gets HIV, would you want it to remain a secret?</td>
<td>Yes ............................. 1 &lt;br&gt; No ................................. 2 &lt;br&gt; Don't know .......................... 98</td>
<td></td>
</tr>
</tbody>
</table>

✉️ Thank You ✉️
Female Clinical/Lab Checklist

<table>
<thead>
<tr>
<th>Clinic Location:</th>
<th>Name of Lab Technician</th>
<th>Name of Staff Nurse / HA</th>
<th>Respondent ID Number:</th>
<th>Date:</th>
<th>Time:</th>
<th>Hrs</th>
<th>Min</th>
</tr>
</thead>
</table>

(A) Clinical Information (Clinic)  
1. Weight  
2. Blood Pressure  
3. STI Symptom  
4. Temperature  
5. Pulse  
6. Vitamin Given  
6.1 Name of the Vitamins Medicines given

<table>
<thead>
<tr>
<th>(B) Specimen collection (Lab)</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>

1 Clinical Information (Clinic)  
<table>
<thead>
<tr>
<th>1. Weight Kg</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>2. Blood Pressure</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>3. STI Symptom</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>4. Temperature</th>
<th>Yes</th>
<th>No</th>
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<th>5. Pulse</th>
<th>Yes</th>
<th>No</th>
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<table>
<thead>
<tr>
<th>6. Vitamin Given</th>
<th>Yes</th>
<th>No</th>
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7. Iron Pills given  

Syndromic Treatment Information  
8 Do you now have or have you had in the past month any of the following symptoms?

<table>
<thead>
<tr>
<th>a. Pain in the lower abdomen</th>
<th>Yes</th>
<th>No</th>
<th>2</th>
<th>No response</th>
<th>3</th>
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</table>

<table>
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<tr>
<th>b. Pain during urination</th>
<th>Yes</th>
<th>No</th>
<th>2</th>
<th>No response</th>
<th>3</th>
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<tbody>
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<td>Symptom</td>
<td>Yes</td>
<td>No</td>
<td>No response</td>
<td>3</td>
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<td>-----</td>
<td>-----</td>
<td>-------------</td>
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<tr>
<td>c. Frequent urination</td>
<td>Yes</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td></td>
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<td>d. Pain during sex</td>
<td>Yes</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td></td>
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<tr>
<td>e. Ulcer or sore in the genital area</td>
<td>Yes</td>
<td>1</td>
<td>2</td>
<td>3</td>
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<tr>
<td>f. Itching in or around the vagina</td>
<td>Yes</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>g. Vaginal odor or smell</td>
<td>Yes</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td></td>
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<tr>
<td>h. Vaginal bleeding (unusual)</td>
<td>Yes</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>i. Unusual heavy vaginal discharge and foul vaginal discharge</td>
<td>Yes</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>j. Genital Warts</td>
<td>Yes</td>
<td>1</td>
<td>2</td>
<td>3</td>
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</table>

k. Others (Specify) ________________

[If yes to any of above, give vaginal discharge syndrome treatment]

Name of the Medicines Given:

Refer to VCT Center Yes 1 No 2

Physical examination undertaken
Physical examination NOT undertaken
ANNEX-4
RESPONDENT ID CARD AND BIOLOGICAL COMPONENT CARD
INTEGRATED BIO-BEHAVIORAL SURVEY (IBBS)
AMONG FEMALE SEX WORKERS IN 22 TERAI HIGHWAY DISTRICTS-2009

FRONT SIDE

<table>
<thead>
<tr>
<th>RESPONDENT ID CARD</th>
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<tbody>
<tr>
<td><strong>ID Number:</strong></td>
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<tr>
<td>Needs to collect test result</td>
</tr>
<tr>
<td>Test results will be available from</td>
</tr>
<tr>
<td>(On any working days from 11AM to 4 PM)</td>
</tr>
<tr>
<td>Provisional diagnosis:</td>
</tr>
<tr>
<td>Treatment</td>
</tr>
<tr>
<td>Signature of Staff Nurse / HA</td>
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</table>

REAR SIDE

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<td><strong>S.No</strong></td>
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<td>-----------</td>
</tr>
<tr>
<td>38</td>
</tr>
</tbody>
</table>
### Biological Component Card

ID ______________________________
Date: __________________

Consented for Laboratory Tests  Yes  No

Respondent wants consultation  Yes  No
  With staff nurse

Interviewer name: _______________________________

---

(To be filled by Lab technician and Staff nurse)

Filled by Lab Technician (select appropriate category):
- Respondent gave only blood sample
- Respondent gave only urine sample
- Respondent gave blood and urine sample
- Respondent did not give any samples

Filled by staff nurse (select appropriate category):
- Physical examination undertaken
- Physical examination NOT undertaken

---
**CLUSTER INFORMATION SHEET (CIS)**
(CIS must be filled up for each and every selected Cluster)

### FOR OFFICE USE ONLY
Location Name
Cluster Number

### GENERAL INFORMATION

<p>| | |</p>
<table>
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<tr>
<td>01</td>
<td>Date of visit</td>
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### MEASURE OF SIZE

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<tr>
<td>02</td>
<td>Total number of Eligible Respondents</td>
</tr>
<tr>
<td>03</td>
<td>Total number of Eligible Respondents Selected</td>
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</tbody>
</table>

### DETAILS OF RESPONSES:

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<tr>
<td>04</td>
<td>Total number of completed behavioural and biological</td>
</tr>
<tr>
<td>05</td>
<td>Total number of completed behavioural only</td>
</tr>
<tr>
<td>06</td>
<td>Total number of non-responsive (sum of 6.1 through 6.5)</td>
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### DETAILS OF NON-RESPONSES:

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<tr>
<td>6.1</td>
<td>Total number of respondents not available for interview</td>
</tr>
<tr>
<td>6.2</td>
<td>Total number of respondents who refused both behavioural and biological</td>
</tr>
<tr>
<td>6.3</td>
<td>Total number of respondents who refused biological only</td>
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<tr>
<td>6.4</td>
<td>Total number of respondents who started but could/did not complete the interview</td>
</tr>
<tr>
<td>6.5</td>
<td>Total number of respondents who were interviewed earlier for IBBS in the present round</td>
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</table>

Name of the Supervisor

Date:

40
Title  Integrated Bio-behavioral Survey among Female Sex Workers in 22 terai Highway Districts of Nepal

Sponsor:  ASHA Project- FHI/Nepal and USAID/Nepal

Principal Investigator/s:  Jacqueline McPherson, MPH, FHI/Nepal
                      Laxmi Bilas Acharya, PhD, FHI/Nepal

Address:  FHI/Nepal
          GPO Box 8803, Gopal Bhawan, Anamika Galli,
          Ward No. 4, Baluwatar, Kathmandu, Nepal
          Phone: +977 1 443 7173; Fax: +977 1 441 7475
          Email: satish@fhi.org.np, lacharya@fhi.org.np

Introduction to Research
We request you to participate in this study to collect information on knowledge of HIV/STI, HIV/STI related risk behavior, treatment seeking practices for STIs and prevalence rate of HIV and STI among women like you who are involved in commercial sex work. We want to make sure that you have understood the purpose of the study and your responsibility in the research before you decide to take part in this study. If you decide to take part in this study we will ask you to tell us about your decision in front of a witness. Both consent taker and witness will sign the form. Please ask us if you do not understand any word or information given to you.

General Information about the Research and Your Role
Female study participants shall be selected using a random process. You are in the list of possible candidates and the final selection would be based on your choice. A total of 600 females like you shall be selected for interview in this study from 22 districts in terai highway. If you agree to participate in the study we will interview you using a structured questionnaire and request you to provide blood sample for HIV and syphilis testing. We will draw about 10 ml blood by a disposable syringe from your arm if you decide to participate in “on the spot syphilis treatment plan”. If you decide not to participate in “on the spot treatment plan” for syphilis we will draw only about 5-7 ml of blood. Urine samples will be collected from 22 terai highway districts for Gonorrhea and Chlamydia tests. We provide medical examination also for syndromic treatment of any other STIs. You will be informed about the dates and place from where you can collect the results of HIV and STI tests. Test results will be provided with counseling by a qualified counselor.

It will take about 60 minutes to complete the interview, blood collection and examination if you decide to participate in the study. Further, if you decide to participate in “on the spot treatment plan” for syphilis you may need to spend about 60 minutes more after you are given the bicillin injection for observation by medical doctor for any adverse
reactions. Please be informed that this is a research and not a health care providing service.

**Possible risks**
The only risk of participating in this study is feeling of some discomfort during blood drawing. Drawing blood will not put you at any risk. You may feel some discomfort while answering few questions. You can decide in which question you feel uncomfortable to answer and let us know. You can quit the interview also if you feel very uncomfortable. You might feel some mental stress from your test result. However, qualified counselor with proper counseling on HIV and STI will provide test results. You will be provided information and address for seeking any assistance regarding the mental stress you may have due to the participation in the research.

There is small risk that people may see you participating in the study when you come for the interview or return for your test results. As your name and detailed address will not be recorded people will not have right to use information you have provided in the survey.

**Possible benefits**
If you agree to be treated on the spot for syphilis, a test will be performed on the interview site for syphilis screening. If you have syphilis infection, you will be provided bicitin injection. You may need to spend about 60 minutes more time after you are given the bicillin injection for observation by medical doctor for any adverse reactions. You will be provided free treatment for other STI symptoms also. You will be given test result and also provided with information on how STI/HIV is transmitted and how it can be prevented and controlled. We will not provide treatment for HIV infection but you will be referred to proper places for treatment. Follow up treatment costs will not be paid by the research team. You will be provided information on safe sex practices too. The information that we obtain from this research will help to plan strategies to control further spread of HIV/AIDS and other STIs.

The study team members will provide you the address of the place and the dates where you can hear your test results of HIV and syphilis. A qualified counselor will provide test results with pre and posttest counseling. The study ID card with your code number on it should be presented to hear the test results. We will not be able to recognize you without the study ID card so if you do not have the ID card when you return for the test results we cannot give you the results.

**If you decide not to participate in the study**
The decision whether or not to take part in this study is yours. If your decision is not to participate in the study it will not affect the heath services that you have normally been receiving or any services we will be providing from here.
Confidentiality
We will to the best of our ability keep secret the information collected about you and about your participation in the study. We will not record your name in any reports. In rare circumstances, a court of law may ask for the data recorded but that is less likely. We will not ask you and write your name on this form. We will ask you to sign the consent form but only ask you to agree with spoken words.

Payment
We will not pay you for your participation in the study. We will give you condoms and IEC materials on HIV/AIDS as compensation for your participation in this study. We will also provide NRs. 100 to cover local transportation cost or provide transportation for coming to the study center for interview and for providing biological sample.

Leaving the study
You may leave the study at any point of time you wish. If you leave, it will not change the health services that you normally receive from here.

If you have any question about this study
If you have any questions about the study, please call:
Satish Raj Pandey, ASHA Project-FHI/Nepal, Baluwatar, Kathmandu, Ph. No: 01-4437173
OR
Laxmi Bilas Acharya, FHI/Nepal, Baluwatar, Kahtmandu, Phone: 01-4437173
We will not be able to pay for care for injuries that occur after the study.

Your rights as participant
This is reviewed and approved by the Institutional Review Board of Family Health International and Nepal Health Research Council. If you have any questions about how you are treated in this study or what are your rights as a participant you may contact Satish Raj Pandey, Family Health International (FHI), Baluwatar, Kathmandu, Nepal.Ph. No: 977 01-4437173. Mr. David Borasky, Protection of Human Subjects Committee, PO Box 13950, Research Triangle Park, NC 27709, USA Phone Number: (International Access Code) –1-919-405-1445, Email: dborasky@fhi.org

11 VOLUNTEER AGREEMENT

I was present when the selected person was read about the benefits, risks and procedures of the study. All questions were answered and she has also agreed to take part in the research.

.................................................. .................................. Date
Signature of the witness Date

I verify that the nature and intention, the potential benefits, and possible risks associated with participating in this research were explained to the respondent.

.................................................. .................................. Date
Signature of the person who obtained consent Date
<table>
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<tr>
<th>S.No</th>
<th>ID Codes</th>
<th>Blood / Urine Collected</th>
<th>Delivered to SACTS</th>
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### ANNEX -7

**Monitoring and Evaluation Framework for HIV in Nepal**

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<tr>
<th>Prevention 1. HIV-related risk and transmission among Sex Workers reduced</th>
<th>National M&amp;E</th>
<th>UNGASS</th>
<th>ASHA</th>
<th>PMP</th>
<th>Result</th>
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<tr>
<td><strong>Impact/Outcome Indicators</strong></td>
<td>Ind #</td>
<td>Ind #</td>
<td>Ind #</td>
<td>Ind #</td>
<td>Total - 600</td>
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<td>% of female sex workers that are HIV infected (22 terai highway districts)</td>
<td>I-2</td>
<td>23</td>
<td>IR</td>
<td>IR 9.1</td>
<td>2.30%</td>
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<td>% of female sex workers that report the use of condom with most recent client (22 terai highway districts)</td>
<td>PO-6</td>
<td>18</td>
<td>IR 1.1</td>
<td>IR 9.1.3</td>
<td>84.80%</td>
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<td>% of female sex workers reporting consistent condom use with their clients over the past 12 months (22 terai highway districts)</td>
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<td>IR 1.4</td>
<td>IR 9.1.4</td>
<td>69.80%</td>
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<td>% of female sex workers who both correctly identify ways of preventing the sexual transmission of HIV and who reject major misconceptions about HIV transmission (22 terai highway districts)</td>
<td>PO-9</td>
<td>14</td>
<td>IR 1.7</td>
<td>IR 9.1.5</td>
<td>26.70%</td>
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<td><strong>Output/Coverage Indicators</strong></td>
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<td>% of female sex workers reached with targeted HIV prevention (eg. BCC with OE/PE or DIC or STI Clinics or VCT or community events / trainings or drug treatment or rehabilitation) (22 terai highway districts)</td>
<td>OP11</td>
<td>IR 1.15</td>
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<td>90.00%</td>
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<td>% of female sex workers reached with HIV prevention program (Knows where to receive HIV test result and received condom) in (22 terai highway districts)</td>
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<td>77.20%</td>
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<td>% Female sex workers that have received an HIV test in the last 12 months and who know their results in (22 terai highway districts)</td>
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<td>61.20%</td>
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