SECOND GENERATION SURVEILLANCE SURVEYS OF SEXUAL AND RISK BEHAVIOUR AMONG YOUTH IN TOKELAU

report compiled by Nifo Peseta

with technical assistance from Matthias Merzench
ACKNOWLEDGEMENTS:

We would like to express our warm gratitude to everyone who contributed to the implementation of this survey. We would also like to express our great appreciation to the 3 Taupulega (Council of Elders) on each nuku, Fakaofo, Nukunonu and Atafu. Thank you for the great understanding, support and your approval that enabled us to carry out and completed this survey on each nuku.

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Special gratitude are expressed to all the youths of Tokelau and every individual that sacrificed their busy time of the festive season to take part in this survey activity. Without your cooperation this activity would never have been made possible.

We also would like to acknowledge the efforts of our two Senior Staff nurses, RN Malae Etuale, (St Joseph’s Hospital), Nukunonu, RN Ana Filo (Lomaloma Hospital), Atafu, who did the interviews on those two atolls. Special thanks to Ms Teapua Tuumuli for the assistance to help out with the interviews on Fakaofo atoll.

Further, we would like to express our sincere thanks and appreciation to the Secretariat of the Pacific Community for the financial and technical assistance that enabled us to make this happen.

Fakafetai lahi lele for all the efforts, contributions and support towards the implementation and completion of this survey.

LORD BLESS

Nifo Peseta
October 2007
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List of Abbreviations

AIDS Acquired Immune Deficiency Syndrome
BSS Behavioural Surveillance Survey
FHI Family Health International
HIV Human Immunodeficiency Virus
MDG Millennium Development Goals
NGO Non-Government organization
PICTs Pacific Island Countries and Territories
SGS Second Generation HIV Surveillance
SPC Secretariat of the Pacific Community
STI Sexually transmitted infection
UNGASS United Nations General Assembly Special Session
Executive summary

Tokelau is a small island nation in the Pacific consisting of 3 small atolls, Fakaofo, Nukunonu and Atafu with a total population of around 1500 people. Second Generation HIV Surveillance (SGS) are aiming to develop and enhance existing surveillance system for sexually transmitted infections (STI), HIV/AIDS and behavioural surveillance systems. The outcome should be high quality epidemiological data to support the design and evaluation of interventions. The implementation of specific HIV programs such as the Second Generation Surveillance survey of risk behaviours, targeting all unmarried youths on each atoll is an initiative that can contribute to address issues related to sexual health for the young people of Tokelau.

After extensive consultation with the elder's councils a SGS of sexual and risk behaviour among youth was conducted. The participants were aged 15-24 years old, unmarried and not living with a permanent partner. They were identified from a population list and an interviewer administered questionnaire was used to assess sexual experience, behaviour and risk factors among the selected population. Participation was voluntary but during the six weeks of the survey (January – February 2007) 97% of the eligible population participated.

The key findings of the survey were:

- 80% of the participants did not use a condom during last sex
- nearly half of the participants had never used a condom
- the main reason given for not using condoms was the lack of availability
- more than 30% of men had sex with other men
- there is considerable travel to other countries and condom use is low when people had sex while overseas
- no HIV or STI testing is done on the island
- only five people had an HIV test done and only one person in the last 12 months
- around 65% of the participants binge drink monthly or more often
- no injecting drug use was reported in the survey

Some interesting and important questions could not be answered, such as the incidence of male to male sex while travelling overseas as no information on this issue was collected. Further refinement of the survey questions would be beneficial.

The main issues exposed by the survey are those of access to condoms and to STI/HIV testing and education on HIV and STI transmission. These areas need to be addressed to limit the chance of HIV and STI infections in Tokelau.
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Introduction

Tokelau background

Tokelau is a small island nation in the Pacific consisting of 3 small atolls, Fakaofo, Nukunonu and Atafu with a total population of 1,466 (Tokelau Census, 2006). Compared to the other Pacific Island countries Tokelau is still in the early stages of responding to HIV and AIDS. The health department of Tokelau is based in Apia, Samoa. There is a regular boat connection between the two countries, however Tokelau does not have an airport.

SGS background

The HIV prevalence in most Pacific countries with the exception of Papua New Guinea is limited or low according to WHO reports (1), notification rates and existing surveys. There is however a lack of reliable surveillance systems in the region. Second Generation HIV Surveillance (SGS) are aiming to develop and enhance existing surveillance system for sexually transmitted infections (STI), HIV/AIDS and behavioural surveillance systems. The outcome should be high quality epidemiological data to support the design and evaluation of interventions. SGS is current best practice in HIV surveillance where the population groups surveyed are dependent on the epidemic state of the individual country. (2, 3)

The surveys range from HIV/STI case reporting to STI prevalence surveys among high risk groups such as seafarers or pregnant women to behavioural surveys among population at risk. The implementation of specific HIV programs such as the Second Generation Surveillance survey of risk behaviours, targeting all unmarried youths on each atoll is an initiative that can contribute to address issues related to sexual health for the young people of Tokelau.

Methodology

Consultation and approval

Each of the three atolls of Tokelau has its own system under the administration of each Taupulega (Council of Elders). The implementation of this survey was approved following many consultations with the 3 Taupulega in which all young people within the target age group of 15 to 24 were asked to participate. However the participation of each individual was voluntary.

Survey

The survey questionnaire was based on a design by Family Health International, modified by the University of New South Wales, Australia and further adapted for use with youth in Tokelau. It consists of 14 pages and the questions cover sexual experience, condom use and HIV/AIDS knowledge and attitude.

The questionnaire is also designed to meet reporting requirement for the Millenium Development Goals (MDG) and United Nations General Assembly Special Session on HIV/AIDS (UNGASS). The millenium development goals and targets come from the Millennium Declaration, signed by 189 countries, including 147 heads of State and Government, in September 2000. The goals and targets are interrelated and should be seen
as a whole. They represent a partnership between the developed countries and the developing countries “to create an environment – at the national and global levels alike – which is conducive to development and the elimination of poverty”. This survey addresses the indicators related to condom use and HIV knowledge.

The UNGASS indicators are designed to help countries assess the current state of their national response while simultaneously contributing to a better understanding of the global response to the AIDS pandemic, including progress towards meeting the targets in the Declaration of Commitment on HIV/AIDS. Under the terms of the Declaration of Commitment on HIV/AIDS, success in the AIDS response is measured by the achievement of concrete, time-bound targets. They call for careful monitoring of progress in implementing agreed-on commitments and require the United Nations Secretary-General to issue progress reports annually. These reports are designed to identify problems and constraints and recommend action to accelerate achievement of the targets. In keeping with these mandates, in 2002 the UNAIDS Secretariat collaborated with UNAIDS Cosponsors and other partners to develop a series of core indicators to measure progress in implementing the Declaration of Commitment on HIV/AIDS.

This survey covers the following UNGASS and MDG indicators:
- HIV testing (UNGASS indicator 7)
- knowledge about HIV prevention (MDG indicator 19b, UNGASS indicator 13)
- sex before the age of 15 (UNGASS indicator 15)
- sex with more than one partner in 12 months (UNGASS indicator 16)
- condom use in the population (UNGASS indicator 15)
- Condom use at last high risk sex (MDG indicator 19a; UNGASS indicator 17)

Database

The survey data was entered into a Microsoft Access database, developed by the HIV and STI section of the Secretariat of the Pacific Community (SPC).

Sampling methods

As this particular activity was carried out during the festive season, time for each interview was scheduled to suit the preference of each participant. The survey was done and completed in 5 weeks with the continuous support of the 3 hospitals, the 3 Taupulega and the Department of Health. Participants were identified through an existing population list and were interviewed using a confidential questionnaire administered by interviewers from each atoll of Tokelau. The questionnaire included standardized questions on behavioural risk factors and attitudes towards HIV/AIDS. The interviewers were trained by the SPC, HIV and STI section staff to ensure full understanding of the questionnaire and correct data entry and recording. Participation in the survey was voluntary and informed consent was obtained from all eligible participants prior to data collection. Four female interviewers conducted all the interviews and 97% of the population in the 15-24 age bracket participated. Some participants were interviewed in Apia, Samoa as they were not in their normal place of residence at the time of the survey.
Table 1: Summary of methods of BSS, Tokelau

<table>
<thead>
<tr>
<th>Population</th>
<th>Youth aged 15-24 years old, unmarried and not living with a partner</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample size</td>
<td>206 and seven refusers – 97% of the target population</td>
</tr>
<tr>
<td>Sampling method</td>
<td>Participants were selected by their age from the population list and an interview was arranged</td>
</tr>
<tr>
<td>Site locations</td>
<td>All three atolls of Tokelau and Apia for those who were in Samoa at the time of the survey</td>
</tr>
<tr>
<td>Type of consent</td>
<td>Verbal</td>
</tr>
<tr>
<td>Administration of questionnaire</td>
<td>Interviewer administered with an average time of completion of 30 minutes</td>
</tr>
<tr>
<td>Data collection period</td>
<td>21 January – 28 February 2007</td>
</tr>
</tbody>
</table>

**Eligibility criteria**

All residents of Tokelau aged between 15 and 24 years old, not married and not living with a partner were eligible for the survey and were identified by age and then asked about their marriage/relationship.

**Data collection /entry**

Data was collected through an interviewer administered questionnaire. The participants had been informed through a long consultation process on each atoll, involving the council of elders. Verbal consent was obtained by the interviewer prior to the start of the interview and a non disclosure statement signed by the interviewer. The data were entered by the HIV/STI coordinator at the department of health in Apia. No names or other personal information was collected or entered into the database.

**Data analysis**

Data was checked for inconsistencies during data entry by a trained staff member in the National Health, and the questionnaire contained a built in check for age and year of birth. Overall data quality was very high showing that the training for the interviewers and the data entry person was successful. One participant was excluded due to an age of more than 24 years. Five participants had been identified as ‘Crossdresser/Transgender’, but after discussion with Tokelau staff those five were recoded as male. The main reason for this was the concern about confidentiality as with further analysis of the data (sexual behaviour and experience) the individuals became potentially identifiable. A comparison of the data showed no significant difference after the recoding. The data was analysed using EpilInfo Version 3.4 Built 30/04/2007. Graphs were done in Microsoft Excel.
Results

Demographic characteristics

Of the 213 people identified as eligible to participate, 207 participated. One person was excluded due to being outside the age limits. Seven people refused, all of them male. The main reason for refusal was ‘Too busy’, followed by ‘Too personal’.

Tokelau has a population of about 1500 people of mainly Polynesian origin (99% of the survey participants). There is little industry aside from copra production and fishing. The majority of participants stated their occupation as student (45%), followed by labourer (22%) and domestic help/nanny (12%). Less than 3% were not employed or on welfare. Nearly all participants were living at home or with relatives at the time of the survey (95%).

Table 2: Demographic Characteristics of Respondents

<table>
<thead>
<tr>
<th></th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number</td>
<td>%</td>
</tr>
<tr>
<td>Sex</td>
<td>101</td>
<td>49%</td>
</tr>
<tr>
<td>Age Group</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15-19</td>
<td>57</td>
<td>56.4%</td>
</tr>
<tr>
<td>20-24</td>
<td>44</td>
<td>43.6%</td>
</tr>
<tr>
<td>Country of Birth</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tokelau</td>
<td>74</td>
<td>73.3%</td>
</tr>
<tr>
<td>New Zealand</td>
<td>13</td>
<td>12.9%</td>
</tr>
<tr>
<td>Samoa</td>
<td>9</td>
<td>8.9%</td>
</tr>
<tr>
<td>Other</td>
<td>5</td>
<td>5%</td>
</tr>
<tr>
<td>Currently living outside</td>
<td>8</td>
<td>7.9%</td>
</tr>
<tr>
<td>Tokelau</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Education Level</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Never attended school</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Some primary</td>
<td>6</td>
<td>5.9%</td>
</tr>
<tr>
<td>Primary school</td>
<td>17</td>
<td>16.8%</td>
</tr>
<tr>
<td>Secondary school</td>
<td>69</td>
<td>68.3%</td>
</tr>
<tr>
<td>Higher</td>
<td>9</td>
<td>8.9%</td>
</tr>
<tr>
<td>Ethnic Group</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polynesian</td>
<td>99</td>
<td>98%</td>
</tr>
</tbody>
</table>
**Sexual behaviours**

The questionnaire aims to record the sexual behaviour of the participants with particular focus on risk behaviour. The questions cover issues such as number of partners, age at first sex, condom use and sex while travelling overseas. When a participant stated that she/he had never had sex, no further questions on sexual behaviour were asked. All tables and charts showing percentages are based on those participants that have had sex.

**Table 3: Sexual behaviours**

<table>
<thead>
<tr>
<th></th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>Participants who have ever had sex</td>
<td>86 (85.1%)</td>
<td>63 (60%)</td>
</tr>
<tr>
<td>Mean age at first sex</td>
<td>15.4 years</td>
<td>17.1 years</td>
</tr>
<tr>
<td>Age range</td>
<td>11 – 20 years</td>
<td>13 – 23 years</td>
</tr>
<tr>
<td>Condom use at first sex</td>
<td>5.8%</td>
<td>6.3%</td>
</tr>
<tr>
<td>Have ever used a condom</td>
<td>53.5%</td>
<td>58.7%</td>
</tr>
<tr>
<td>Mean number of partners in the last 12 months</td>
<td>2</td>
<td>1.3</td>
</tr>
<tr>
<td>Range of number of partners in the last 12 months</td>
<td>0 – 8</td>
<td>0 – 4</td>
</tr>
</tbody>
</table>

**Chart 1: UNGASS indicator 15: percentage of all participants who had first sex when younger than 15 – by age group**
Chart 2: UNGASS indicator 16: percentage of all participants who had more than one partner in the last 12 months – by age group
Chart 3: Number of partners in the last twelve months for sexually active participants

Chart 4: Frequency of condom use for all sexually active participants in the last 12 months
Commercial sex was defined as either paying for sex with money or goods, for example food, alcohol, shelter or other things or as receiving payment in money or other goods for sex.

### Table 4: Commercial sex during the last 12 months (for sexually active participants only)

<table>
<thead>
<tr>
<th></th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commercial sex – paid money or goods for sex</td>
<td>2 (2%)</td>
<td>1 (1.6%)</td>
</tr>
<tr>
<td>Commercial sex – received payment or goods</td>
<td>2 (2%)</td>
<td>1 (1.6%)</td>
</tr>
<tr>
<td>Condom use during commercial sex</td>
<td>None used</td>
<td>None used</td>
</tr>
</tbody>
</table>

### Table 5: Sexual behaviours – Condom use during last sex

<table>
<thead>
<tr>
<th></th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>Did not use a condom during last sex (commercial or non-commercial)</td>
<td>81.4%</td>
<td>81%</td>
</tr>
</tbody>
</table>
Chart 5: UNGASS indicator 17: percentage of sexually active participants who had more than one partner in the last 12 months and used a condom the last time they had sex – by age group

Chart 6: Reasons given by males for not using condoms at last sex, as percentage of answers (multiple answers possible)
Sexually active participants were asked if they had travelled overseas to another country from where they usually lived. As nearly all participants lived in Tokelau at the time of the survey the travel would be mainly to Samoa (as this is the only place to travel to directly from Tokelau). No details as to which countries were visited were asked in the survey, but it is likely that Samoa and New Zealand would be the two main destinations.

**Table 6: Travel (for sexually active participants only)**

<table>
<thead>
<tr>
<th></th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travel off-island in the last 12 months</td>
<td>50 (58%)</td>
<td>32 (51%)</td>
</tr>
<tr>
<td>Sex off-island in the last 12 months</td>
<td>20 (40%)</td>
<td>5 (15.6%)</td>
</tr>
<tr>
<td>Condom use at last sex overseas</td>
<td>9 (45%)</td>
<td>0%</td>
</tr>
</tbody>
</table>
Out of those men who had sexual contact with other men (27), 44% of the contacts were in the last 12 months. 43% stated to have never used a condom in the last 12 months during anal sex and 29% said they had ‘sometimes’ used condoms.

42.6% of males and 28.6% of females of the total survey population had tattoos at the time of the survey.

Chart 9: Source of tattoo
**Substance use**

Questions on alcohol use and binge drinking were asked to assess the frequency and amount of alcohol consumed. Binge drinking was defined as more than five standard drinks in one session. A standard drink was defined as one small bottle (stubby) of beer. No participants reported injecting drug use. There was some use of inhalants (mainly petrol) and very little amphetamine and methamphetamine use.

**Chart 10: Alcohol use frequency in the last 12 months**

**Chart 11: Amount of standard drinks in a typical session in the last 12 months**
Chart 12: Number of drinking sessions with more than 5 standard drinks in the last 12 months

<table>
<thead>
<tr>
<th></th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>Never</td>
<td>1%</td>
<td>2%</td>
</tr>
<tr>
<td>Less than monthly</td>
<td>5%</td>
<td>10%</td>
</tr>
<tr>
<td>Monthly</td>
<td>30%</td>
<td>50%</td>
</tr>
<tr>
<td>Weekly</td>
<td>45%</td>
<td>60%</td>
</tr>
<tr>
<td>Don’t know</td>
<td>10%</td>
<td>5%</td>
</tr>
</tbody>
</table>

Chart 13: Substance use (ever tried)

<table>
<thead>
<tr>
<th>Substance</th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ice</td>
<td>1%</td>
<td>2%</td>
</tr>
<tr>
<td>Speed</td>
<td>2%</td>
<td>5%</td>
</tr>
<tr>
<td>Inhalants</td>
<td>5%</td>
<td>10%</td>
</tr>
<tr>
<td>Marijuana</td>
<td>40%</td>
<td>60%</td>
</tr>
<tr>
<td>Kava</td>
<td>45%</td>
<td>65%</td>
</tr>
<tr>
<td>Tobacco</td>
<td>50%</td>
<td>70%</td>
</tr>
</tbody>
</table>
HIV/AIDS knowledge and attitude

Participants were asked if they had heard of HIV/AIDS and 9.9% of males and 7.6% of females had not heard of HIV/AIDS – these participants were included in the denominator but not asked any knowledge or attitude questions. The questions relate to the UNGASS and MDG indicators which reflect the success of national information, education and communication programmes and other efforts in promoting knowledge of valid HIV-prevention methods and reducing misconceptions about the disease. The tables below show the percentage of participants giving the correct answer to the statements/questions. 10% of the male participants and 23.8% of the female participants gave the correct answer to all questions.

Table 7: Proportion of participants with correct knowledge of HIV prevention

<table>
<thead>
<tr>
<th>Statement</th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>Using condoms correctly can reduce the chance of getting HIV</td>
<td>80.2%</td>
<td>81%</td>
</tr>
<tr>
<td>Having sex with only one, faithful uninfected partner can reduce the chance of getting HIV</td>
<td>83.2%</td>
<td>83.8%</td>
</tr>
<tr>
<td>A person can reduce their chance of getting HIV by avoiding anal sex</td>
<td>70.3%</td>
<td>72.4%</td>
</tr>
<tr>
<td>All answers correct:</td>
<td>63.4%</td>
<td>63.8%</td>
</tr>
</tbody>
</table>

Table 8: Proportion of participants with correct knowledge of HIV transmission

<table>
<thead>
<tr>
<th>Statement</th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>A person can get HIV from sharing a meal with someone who is infected with HIV?</td>
<td>55.4%</td>
<td>62.9%</td>
</tr>
<tr>
<td>A person can get HIV from mosquito bites?</td>
<td>40.6%</td>
<td>51.4%</td>
</tr>
<tr>
<td>A mother can pass HIV to their baby through breastfeeding?</td>
<td>44.6%</td>
<td>57.1%</td>
</tr>
<tr>
<td>A person can get HIV from a used syringe</td>
<td>86.1%</td>
<td>90.5%</td>
</tr>
<tr>
<td>A pregnant woman can pass HIV on to her unborn baby</td>
<td>81.2%</td>
<td>81%</td>
</tr>
<tr>
<td>A person can get HIV from the saliva of someone with HIV/AIDS</td>
<td>38.6%</td>
<td>51.4%</td>
</tr>
<tr>
<td>Only gay men get HIV/AIDS</td>
<td>82.2%</td>
<td>86.7%</td>
</tr>
<tr>
<td>A healthy looking person can be infected with HIV</td>
<td>80.2%</td>
<td>81.9%</td>
</tr>
<tr>
<td>All answers correct:</td>
<td>10%</td>
<td>25.7%</td>
</tr>
</tbody>
</table>
Table 9: Proportion of participants with accepting attitudes towards those living with HIV

<table>
<thead>
<tr>
<th></th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>I would share a meal with a person I know has HIV/AIDS</td>
<td>50.6%</td>
<td>58.4%</td>
</tr>
<tr>
<td>I would buy food from a shopkeeper or food seller if I knew they had HIV/AIDS</td>
<td>48.4%</td>
<td>62.5%</td>
</tr>
<tr>
<td>If a relative of mine became ill with AIDS I would be willing to care for them in my household</td>
<td>81.3%</td>
<td>86.5%</td>
</tr>
</tbody>
</table>

Chart 14: HIV attitude – All newcomers to Tokelau should be tested for HIV
Chart 15: HIV attitude – Names of people with HIV should be displayed publicly

[Bar chart showing percentage distributions for male and female responses.]

Chart 16: HIV attitude – All persons with HIV should live away from the community

[Bar chart showing percentage distributions for male and female responses.]
Chart 17: HIV attitude – If a member of my family had HIV/AIDS I would want it to remain a secret

- **Strongly agree**
- **Agree**
- **Disagree**
- **Strongly disagree**
- **Don't know**

![Bar chart showing responses by gender](chart-image)
Access to testing

Out of all participants, only 1% (1) of the females and 3.4% of the males had ever been tested for HIV. One person had been tested in the last 12 months and only two of the four males tested knew their result. Two (50%) of the males received pre and post test counselling, while the woman did not receive any counselling.

Symptoms of STIs

Participants were asked if they had experienced any symptoms of STIs in the last 12 months and were given three categories of symptoms to choose from:
- Genital or anal discharge
- Genital or anal ulcer or sore
- Burning or sharp pain on urination

Only sexually active survey participants were asked this question and anyone answering ‘yes’ to any of the three questions was counted and included in the chart below.

Chart 18: Percentage of sexually active participants who reported symptoms of STIs in the last 12 months
Chart 19: Percentage of people with symptoms seeking treatment

- 64% sought treatment
- 36% did not seek treatment

Chart 20: Reason for people with symptoms not to seek treatment

- Too scared
- Too public
- Embarrassed
- Didn't think it was serious
- Didn't know about the service
- Symptoms cleared up
- Didn't know what to do
- Don't know
Discussion

The survey provides a picture of knowledge and behaviour of the population aged between 15 and 24 in Tokelau. Eight participants aged 14 years at the time of the survey were included; however they were all born in 1992 and thus will turn 15 during the survey year. The participants were selected from a population list and all but seven refusers participated. This means the results of this survey do not merely represent a sample of the youth of Tokelau but 97% of the target population. However due to the overall small population some results are based on very small numbers and thus are of limited statistical significance. Only female interviewers were available for the interviews, which might have caused some participants to reply differently than they would have with a male interviewer.

72.3% of the participants had sex which is similar to other survey results in the South Pacific and condom use at first sex was less than 6%. Overall less than 60% of the sexually active participants have ever used a condom, despite more than 80% knowing that condom use can reduce the chances of getting HIV/AIDS. Around 80% of participants did not use a condom during the last time they had sex. For those with more than one partner in the last 12 months around 30% of the older participants (20-24) used condoms, whereas only 5% of the men and none of the women of the 15-19 year olds used condoms. When asked about the reasons for not using a condom the majority of men and women (48% and 71% respectively) answered with ‘none easily available’. The issue of access to condoms is known to the health department and efforts have been made since the survey to improve access. As yet there are no shops selling condoms and no way to obtain a condom anonymously. People still have to see a health professional to ask for a condom. This poses a significant barrier, in particular for women.

The majority of sexually active participants travelled during the 12 months prior to the survey and 40% of the males had sex while overseas and 45% of those men used a condom. None of the women reported any condom use while having sex overseas. A high percentage of men had sexual contact with other men (31% ever) and of those contacts 44% occurred in the last 12 months. This high proportion of men disclosing their sexual experiences with other men is even more interesting when considering that only female interviewers conducted the survey. Condom use during anal sex was low, but overall numbers are small for these results and thus difficult to interpret.

Tattoos done by non professional artists are the main source for those people with tattoos; in particular women have their tattoos done by friends or relatives. According to local staff all professional tattooing is done on Samoa. 73% of males and 61% of females were drinking more than 5 standard drinks monthly or more frequently during the last 12 months. There is a large number (54%) of women who binge-drink every month. The main substances used are tobacco, kava and marijuana for both men and women. None of the participants reported injecting drug use.

HIV knowledge questions showed that more participants knew the correct answers to the prevention related questions (nearly 64%) than to the questions on transmission of HIV (18%). All questions were answered correctly by 10% of the males and 24% of the females. Since the survey several STI and HIV/AIDS education campaigns with visits to all three atolls have been conducted by the health department.

Attitude questions in regards to HIV/AIDS were very much in line with other surveys, with perhaps the exception that the majority of participants disagreed with the statement: “If a member of my family had HIV/AIDS I would want it to remain a secret”. After discussions with
one of the interviewers it appeared that it was possible that the question had been misunderstood. Participants might have interpreted this question as it being a secret to the respondent rather than the wider community. Clearer wording on this question in particular would benefit future surveys.

Very few participants had been tested for HIV. Amongst the five people who had been tested, only one had been tested in the last 12 months and only two were aware of their results. As there is no laboratory on Tokelau, all testing has to be done in Samoa or further away in New Zealand or Australia. There is no aircraft connection from Tokelau to allow quick shipping of samples and the boat travels every fortnight. 25% of women and 15% of men have experienced symptoms of STIs in the last 12 months, but only 36% of them sought treatment. The most frequently given reason was ‘being to scared’, followed by ‘didn't think it was serious’ and ‘symptoms cleared up’.

This Second Generation Surveillance survey of sexual and risk behaviour among youth in Tokelau covered 97% of the targeted population and thus gives a highly relevant and accurate picture of youth behaviour in this country. As this is the first survey of this kind conducted in Tokelau the data will provide valuable information to guide future education and intervention needs. It will also stand as a base line to compare success of ongoing campaigns targeting risk behaviour and sexual health in general.
References

Appendix
Copy of questionnaire used for the survey

Unmarried Youth 15–24, Tokelau 2006 – SURVEY COVER SHEET

Introduction:
“Hello, my name is ________________________________.
I’m with ________________________________.
We are surveying young people from Tokelau about HIV and other STIs to find out who may
be at risk

Survey ID Number: (Fill in the table using the following codes)

<table>
<thead>
<tr>
<th>Country code</th>
<th>Survey type</th>
<th>Population type</th>
<th>Survey location: Island (sample size in brackets)</th>
<th>Survey participant number</th>
</tr>
</thead>
<tbody>
<tr>
<td>V=Tokelau</td>
<td>1=BSS</td>
<td>7=Youth</td>
<td>A = Atafu (100)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>B = Fakaofao (50)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>C = Nukunonu (50)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>D = Apia (all Tokelau youth)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Add further site codes if necessary</td>
<td></td>
</tr>
<tr>
<td>V</td>
<td>1</td>
<td>7</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Eligibility:

Before we start, can I just check: (Tick ☑ the appropriate box)

1. This is the first time you have been interviewed for this survey? □ Yes, First time □ No ➔ DO NOT PROCEED
2. You are between 15 and 24 years of age? □ Yes, Aged 15 – 24 □ No ➔ DO NOT PROCEED
3. You are not married, and have not been living with a sexual partner for 12 months or more? □ Not married & not living with a sex partner. □ Married or living with sex partner for 12 months or more ➔ DO NOT PROCEED

Confidentiality & Informed consent:
★ This survey includes some personal questions that some people find difficult to answer.
★ If you take part, your answers are anonymous and confidential. Your name is not collected. The survey will help prevent STIs in young people from Tokelau.
★ All the interviewers sign not to release any information to anyone without the participant’s consent. (Show signature page).
★ You don’t have to answer a question you don’t want to. You may end the interview if you want to.
However, your honest answers will help us better understand how to prevent HIV and STIs.

We would much appreciate your help in taking part.

The survey will take about 30 to 40 minutes.

Your decision whether or not to participate will not affect your care from the Ministry of Health.

You can be interviewed by either a male or female interviewer – whichever you prefer.

**Participation:**  
(Tick ☑ the appropriate box)

Would you be willing to participate?  
☐ Yes ☐ No  ✗ Ask questions on next page

If “Yes” Are you happy to be interviewed by me?  
☐ Yes ☐ No

If “Yes” **Interviewer sign next page & Q101. If “No” replace interviewer**

**FOR REFUSERS ONLY:**  
(Tick ☑ the appropriate box)

For survey purposes, would you mind telling me your age?  
□□□ Age in years ☐ No answer/refused

Record the person’s sex  
☐ Male ☐ Female ☐ Transgender

Which country were you born in?  
☐ Tokelau ☐ Samoa ☐ NZ

☐ Other _______________________

Would you mind telling me why you do not wish to participate?  
☐ Too busy ☐ Not interested

☐ Too personal ☐ Other _______________________

Thank you for your time. Goodbye.

**Signature of interviewer**

I hereby declare the respondent has given verbal informed consent to be interviewed.  
I also hereby declare I will not disclose any information provided to me by the respondent unless the respondent first agrees to this disclosure.

**Interviewer Signature:** _____________________  
**Date (dd/mm/yyyy):** ______/_____/_____

**Interviewer Checklist (Complete at end of interview)**

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Participant has sufficient information about survey</td>
<td></td>
</tr>
<tr>
<td>Interview / questionnaire completed – all skip questions answered correctly</td>
<td></td>
</tr>
</tbody>
</table>

**Initial and date:**
The following survey is based on the FHI HIV/AIDS/STI Behavioral Survey for Youth. It was modified for use in the Pacific by University of NSW in association with WHO & SPC. It was further adapted for use with youth in Tokelau by SPC.
## Section One: Background Characteristics

101 Record youth’s gender (sex) (**Tick [✓] one**)
- Male
- Female
- Transvestite/Cross dresser (eg Fa’Fafine)

102 In what year were you born?
- |__|__|__|__| Year
- Don’t know
- No answer/refused

103 How old were you at your last birthday? (**Check against Q102 and correct if needed**)
- |__|__| Age in completed years
- Don’t know
- No answer/refused

104 Which country were you born in?
- Tokelau (**Record atoll, then → Q105**):
  - Atafu
  - Fakaofo
  - Nukunonu
- Samoa
- NZ
- Other: _________________________
- No answer

104a What year did you first come to Tokelau? Estimate if you cannot remember exactly.
- |__|__|__|__| Year
- Never lived in Tokelau
- Don’t know
- No answer/refused

105 To which ethnic group do you belong? (**Note: Ethnicity is the racial group not country of birth**)
- Polynesian: (Tokelau, Samoan, NZ Maori, Cook Is, Niue, Tonga, Tuvalu, Fr. Polynesia, Wallis/Futuna)
- Micronesian: (FSMic, Guam, CNMI, Marshall Islands, Palau, Nauru, Kiribati)
- Melanesian: (Fiji, PNG, New Caledonia, Solomon Islands, Vanuatu)
- Mixed ethnicity
- Asian
- Caucasian (White)
- Hispanic (Spanish)
- Other (specify) _________________________
- No answer/refused

106 Which village/town/city do you currently live in?

107 Do you presently live: (**Read out responses and tick one response**)
- Alone
- With peers/friends
- With co-workers/students
- With family/relatives
- With employer
- On street
- Other: _________________________
- No answer/refused

108 How long have you lived in your current place of residence? Estimate if you cannot remember exactly. (**Record as “00” if less than one year in current place of residence**)
- |__|__| Completed years
- Don’t know
- No answer/refused

109 In the last 12 months have you been away from your home (ie where you currently live) for more than one month continuously? (**Check Q106 for current home**)
- Yes
- No
- Don’t know
- No answer/refused
What is the highest level of education you have completed – Primary or Secondary school or Higher (eg college, polytechnic, university)?

- Never attended school
- Completed Primary school
- Completed Higher (eg Uni)
- Some Primary school
- Completed Secondary
- No answer/refused

What is your occupation?

- Student
- Not employed/Welfare
- Retail/Sales
- Domestic help/Maid/Nanny
- Clerical/Office work
- Construction/Laborer
- Factory/garment worker
- Fisherman/seafarer
- Hospitality/Tourism
- Other (specify) __________
- Don’t know
- No answer/refused

---

Section Two: Sexual History

Read out: Now I’d like to ask some questions about your sexual partners…

We know some young people have sex – some with more than one partner.

We are asking these questions in order to help make your life safer.

Remember, your name is not recorded. Please take your time and try to answer the questions honestly.

Have you ever had sexual intercourse? (Sexual intercourse or “sex” means vaginal or anal sex).

- Yes (had sex)
- No (virgin) (→ Q601)
- No answer/refused

How old were you when you first had sex? Take your time and give your best estimate if you cannot remember exactly how old you were.

- Don’t remember
- No answer/refused

How much older or younger than you was the person with whom you first had sex?

- Person was more than 10 years older
- Same age
- 5 to 10 years older
- Younger
- Less than 5 years older
- Don’t know
- No answer/refused

Have you ever heard of a male condom? (Show a picture or sample of one)

- Yes
- No
- No answer/refused

Have you ever heard of a female condom? (Show a picture or sample of one)

- Yes
- No
- No answer/refused

Have you and a sex partner ever used a condom (male or female)? (Can tick both male & female)

- Yes, male condom
- No (→ Types of sexual partner below)
- Yes, female condom
- No answer/refused

The first time you had sex, did you and your partner use a condom (male or female)?

- Yes, male condom
- Yes, female condom
- No
- No answer/refused
## Types of sexual partner

### Read out:
Now I’m going to ask about different types of sex partner.

### Read out to WOMEN:
Think about the **male** sex partners you may have had in the last 12 months:

### Read out to MEN:
Think about the **female** sex partners you may have had in the last 12 months:

<table>
<thead>
<tr>
<th>Question</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>208</td>
<td>In the last 12 months have you had any commercial sex partners? That is, you paid money or gave goods or other things to someone for having sex with you. Goods might be food, clothes, alcohol, drugs, shelter or other things you gave someone to have sex with you.</td>
</tr>
<tr>
<td></td>
<td>□ Yes</td>
</tr>
<tr>
<td>208a</td>
<td>How many commercial partners have you had sex with during the last 12 months? Take your time and give your best estimate if you cannot remember exactly how many.</td>
</tr>
<tr>
<td></td>
<td>[ ]</td>
</tr>
<tr>
<td></td>
<td>□ Don’t know</td>
</tr>
<tr>
<td>208b</td>
<td>Have you ever found it difficult to use a condom with a commercial partner during sex?</td>
</tr>
<tr>
<td></td>
<td>□ Yes</td>
</tr>
<tr>
<td>208c</td>
<td>The last time you had sex with a commercial partner, did you and this person use a condom?</td>
</tr>
<tr>
<td></td>
<td>□ Yes</td>
</tr>
<tr>
<td>208d</td>
<td>Could you tell me why you didn’t use a condom? (Tick all that apply)</td>
</tr>
<tr>
<td></td>
<td>□ None easily available</td>
</tr>
<tr>
<td></td>
<td>□ I paid more not to use one</td>
</tr>
<tr>
<td></td>
<td>□ I don’t like condoms of it</td>
</tr>
<tr>
<td></td>
<td>□ Too drunk/high to use one</td>
</tr>
<tr>
<td></td>
<td>□ Other (specify)</td>
</tr>
<tr>
<td></td>
<td>______________________</td>
</tr>
<tr>
<td>208e</td>
<td>In the last 12 months, how often did you and all your commercial partners use a condom during sex? (Read out options “Every time” through to “Never” and tick response)</td>
</tr>
<tr>
<td></td>
<td>□ Every time</td>
</tr>
<tr>
<td></td>
<td>□ Almost every time</td>
</tr>
<tr>
<td>209</td>
<td>In the last 12 months has anyone paid you money or given you goods or other things for having sex with them? eg have you been given money, food, clothes, alcohol, drugs, shelter or other things just for having sex with someone? (These partners could be in Tokelau or another country).</td>
</tr>
<tr>
<td></td>
<td>□ Yes</td>
</tr>
</tbody>
</table>
209a  How many paying/giving partners have you had sex with during the last 12 months? Take your time and give your best estimate if you cannot remember exactly how many.

|__|__|__| Paying partners ☐ Don’t know ☐ No answer/refused

209b  Have you ever found it difficult to use a condom with one of these paying partners during sex?

☐ Yes ☐ No ☐ No answer/refused

209c  The last time you had sex with a paying partner, did you and this person use a condom?

☐ Yes (→Q209e) ☐ No ☐ Can’t remember ☐ No answer/refused

209d  Could you tell me why you and this last paying partner didn’t use a condom? (Tick all apply)

☐ None easily available ☐ Too expensive ☐ Client didn’t want to
☐ Client paid more not to use one ☐ Client looked healthy ☐ I trusted client
☐ I don’t like condoms ☐ Sex doesn’t feel as good ☐ I didn’t think of it
☐ Too drunk/high to use one ☐ Used other contraception ☐ Don’t know
☐ Other (specify) __________________________________________ ☐ No answer/refused

209e  In the last 12 months, how often did you and all your paying partners use a condom during sex? (Read out options “Every time” through to “Never” and tick response)

☐ Every time ☐ Sometimes ☐ Don’t know
☐ Almost every time ☐ Never ☐ No answer/refused

210  In the last 12 months have you had any “other” sex partners? That is, any sex partner you don’t live with and where no money or goods were exchanged for sex. (Note: No-one in this survey should have a spouse or live-in sex partner)

☐ Yes ☐ No (Males→Q301; Females→Q401) ☐ No answer/refused

210a  How many of these “other” partners have you had sex with during the last 12 months? Give your best estimate if you cannot remember exactly how many.

|__|__|__| Partners ☐ Don’t know ☐ No answer/refused

210b  Have you ever found it difficult to use a condom with one of these other partners during sex?

☐ Yes ☐ No ☐ No answer/refused

210c  The last time you had sex with one of these partners, did you and this partner use a condom?

☐ Yes (→Q210e) ☐ No ☐ Can’t remember ☐ No answer/refused
Could you tell me why you and this last partner didn’t use a condom? (Tick all that apply)

- None easily available
- Too expensive
- I didn’t want to
- Partner looked healthy
- I trusted partner
- I don’t like condoms
- Didn’t think it was necessary
- Sex doesn’t feel as good
- Trying to have baby
- Too drunk/high to use one
- Used other contraception
- Don’t know
- Other (specify) ____________________________________________
- No

In the last 12 months, how often did you and all of these “other” partners use a condom during sex? (Read out options “Every time” through to “Never”)

- Every time
- Sometimes
- Don’t know
- Almost every time
- Never
- No answer/refused

## Section Three: Anal Sex (FOR MALES ONLY. FEMALES GO TO Q401)

### ASK OF MEN ONLY: We have just talked about your female sex partners. Some men also have male sex partners.

<table>
<thead>
<tr>
<th>Question</th>
<th>Option 1</th>
<th>Option 2</th>
<th>Option 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>301</td>
<td>Yes</td>
<td>No</td>
<td>No answer/refused</td>
</tr>
<tr>
<td>302</td>
<td>Yes</td>
<td>No</td>
<td>No answer/refused</td>
</tr>
<tr>
<td>303</td>
<td>No</td>
<td>No (→Q401)</td>
<td>No answer/refused</td>
</tr>
<tr>
<td>303a</td>
<td>How many male partners have you had anal sex with during the last 12 months? Take your time and give your best estimate if you cannot remember exactly how many.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Male partners</td>
<td>Don’t know</td>
<td>No answer/refused</td>
</tr>
<tr>
<td>303b</td>
<td>Have you ever found it difficult to use a condom during anal sex with a male partner?</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Yes</td>
<td>No</td>
<td>No answer/refused</td>
</tr>
<tr>
<td>303c</td>
<td>The last time you had anal sex with a male partner, did you and this partner use a condom?</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Yes (→Q303e)</td>
<td>No</td>
<td>Can’t remember</td>
</tr>
</tbody>
</table>
Could you tell me why you and your last male partner didn’t use a condom during anal sex? **(Tick all that apply)**

- None easily available
- Too expensive
- I didn’t want to
- Partner looked healthy
- Partner didn’t want to
- I trusted partner
- Sex doesn’t feel as good
- I don’t like condoms
- Too drunk/high
- Didn’t want to offend
- Didn’t want to lose opportunity for sex
- Don’t know
- Other (specify) _____________________

**303d**

In the last 12 months, how often did you and all your male partners use a condom during anal sex? **(Read out all options and tick response)**

- Every time
- Sometimes
- Don’t know
- Almost every time
- Never
- No answer/refused

**Section Four: Sexually active youth (FOR BOTH MALES AND FEMALES)**

401 So, just to recap on these different partners, the last time you had sex with ANY partner you don’t live with, did you and this partner use a condom? **(These could be either paid, paying or other/casual partners)**

- Yes
- No
- Can’t remember
- No answer/refused

402 In the last 12 months has there been any time when you have had two or more separate, sexual relationships during the same period (ie overlapping relationships)?

- Yes
- No
- No answer/refused

403 In the last 12 months have you traveled overseas to another country from where you usually live? **(Check Q106 for current home)** (eg if you usually live in Tokelau have you travelled overseas? Or if you usually live overseas have you travelled back to Tokelau or to any other country).

- Yes
- No **(➔Q501)**
- No answer/refused

403a While you were away from where you usually live, did you have sex with anyone?

- Yes
- No **(➔Q501)**
- No answer/refused

403b How many partners did you have sex with overseas? Give your best estimate if you cannot remember exactly. **(these partners may be some/all of the same partners stated above)**

- Partners
- Don’t know
- No answer/refused

403c Thinking of your most recent overseas partner, what gender were they?

- Male
- Female
- Transgender
- Don’t know
- No answer

403d The last time you had sex with this person, did you and this partner use a condom?

- Yes
- No
- Don’t know
- No answer/refused
In the last 12 months, how often did you and all your overseas sex partners use a condom during sex? *(Read out options “Every time” through to “Never”)*

- □ Every time
- □ Sometimes
- □ Don’t know
- □ Almost every time
- □ Never
- □ No answer/refused

**Q**

**Section Five: Sexually Transmitted Infections (STIs)**

501 Have you ever heard of diseases that can be transmitted (caught) during sex?
- □ Yes
- □ No
- □ No answer/refused

502 Have you ever been diagnosed with a sexually transmitted infection or disease by a doctor or health worker?
- □ Yes
- □ No *(➔Q503)*
- □ No answer/refused

502a What disease(s) were you diagnosed with…? *(Tick all that apply)*

- □ Genital Warts
- □ Chlamydia
- □ Syphilis
- □ Thrush
- □ Genital Herpes
- □ Gonorrhea
- □ Trichomonas
- □ HIV
- □ Other ____________________________
- □ Don’t know
- □ No answer

503 In the last 12 months have you had …

- Yes
- No
- Don’t Know
- No answer

A genital or anal discharge? (unusual, clear, cloudy or puss flowing from anus or vagina/penis) *(as appropriate)*

A genital or anal ulcer or sore?

A burning or sharp pain on urination

If NO to all, skip to 601

503a In the last 12 months, have you sought treatment for these symptoms (eg genital discharge, ulcer, sore or pain)?

- □ Yes *(➔Q503c)*
- □ No
- □ No answer/refused

Why have you not sought treatment? *(Tick all that apply)*

- □ Too scared
- □ Too public
- □ Too busy
- □ Afraid of partner
- □ Might be painful
- □ Embarrassed
- □ Didn’t think it was serious
- □ Didn’t know service was available
- □ Symptoms cleared up to do
- □ Language barrier
- □ Didn’t know what to do
- □ Don’t know
- □ Too expensive/no insurance
- □ Other ____________________________
- □ No answer/refused

*(Go to Q601 after this question)*

503c Where did you last seek treatment for any genital symptoms?
Hospital  Traditional healer  Friend/relative
Other (specify) __________________  No answer/refused

Were your sexual partner(s) also treated for this/these symptoms?
Yes  No  Don’t know  No answer/refused

Refer participant to a doctor at end of interview if they have untreated STI symptoms

Section Six: Alcohol and Drug Use and Tattooing

Read out: Now I would like to ask you about alcohol and drug use

601 During the last 12 months, how often did you have drinks containing alcohol such as beer, wine, spirits, home brew. Would you say……. *(Read out all responses)*
- 4 or more times a week
- 2 to 4 times a month
- Never (*Q604*)
- 2 to 3 times a week
- Monthly or less
- Don’t know
- No answer

602 During the last 12 months, how many standard drinks containing alcohol did you have on a typical occasion when drinking? A standard drink is a can of beer, a glass of wine or port, a shot of spirit. Estimate if you cannot remember exactly. *(Don’t read out)*
- 1 or 2
- 5 or 6
- 10 to 19
- Don’t know
- 3 or 4
- 7, 8 or 9
- 20 or more
- No answer/refuse

603 During the last 12 months, how often did you have six or more drinks on one occasion? *(Read out all responses “Never” through to “Daily or almost daily”)*
- Never
- Monthly
- Daily or almost daily
- Less than monthly
- Weekly
- Don’t know
- No answer

Read out: Next we would like to ask you about recreational drug use. Remember that all your responses are completely anonymous and confidential and will not be released to anyone.

604 Have you ever tried… *(If ever tried, ask if used in the last 30 days)*

<table>
<thead>
<tr>
<th>Drug Type</th>
<th>No</th>
<th>Yes, (Ever tried)</th>
<th>If “Yes”, Used in last 30 days?</th>
<th>No answer/refused</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tobacco (including chewing)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marijuana/Cannabis</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kava</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Speed/Base/Other amphetamines</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ice/ Crystal meth</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ecstasy/E/Eccies</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inhalants (eg butane/gas/glue/paint)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
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<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td></td>
<td>Cocaine/Crack</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Heroin</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**605** Some people have tried injecting drugs using a syringe. In the last 12 months, have you injected drugs? (not including drugs injected for medical reasons or for treatment of an illness).

- [ ] Yes
- [ ] No (Q606)
- [ ] No answer/refused

**605a** Have you ever found it difficult to find needles or syringes or other injecting equipment such as swabs and spoons that were NOT previously used by someone else?

- [ ] Yes difficult
- [ ] No
- [ ] Don’t know
- [ ] No answer/refused

**605b** Think about the last time you injected drugs. Did you use a needle or syringe or other injecting equipment like swabs or spoons that had previously been used by someone else?

- [ ] Yes
- [ ] No
- [ ] Don’t know
- [ ] No answer/refused

**605c** The last time you injected, where did you get your injecting equipment from? (eg needles, syringes and other equipment)

- [ ] Clinic/Health service
- [ ] Pharmacy
- [ ] Friend/Family
- [ ] Dealer
- [ ] Other user
- [ ] Vending machine
- [ ] Found at injecting place
- [ ] Other: ______________________________
- [ ] No answer/refused

**605d** Thinking about the times you injected drug in the last month, how often did you inject with a needle or syringe or other injecting equipment that had previously been used by someone else? Would you say… (Read out all responses)

- [ ] No injecting in last month
- [ ] Occasionally
- [ ] Most times
- [ ] Don’t know
- [ ] Never
- [ ] About ½ the time
- [ ] Always
- [ ] No answer

**606** Have you ever had a permanent tattoo? (professional or amateur)

- [ ] Yes
- [ ] No (Q701)
- [ ] No answer/refused

**606a** Who was your last permanent tattoo performed by?

- [ ] Tattoo parlor
- [ ] Backyard tattooist (informal)
- [ ] Traditional practitioner
- [ ] Friend/relative
- [ ] Other (specify) ______________
- [ ] No answer/refused
### Section Seven: HIV/AIDS Knowledge, Attitudes and Access to Testing

<table>
<thead>
<tr>
<th>Question</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>701</td>
<td>Have you ever heard of HIV or the disease called AIDS?</td>
</tr>
<tr>
<td>702</td>
<td>Do you know anyone personally who has HIV, or AIDS or who has died of AIDS?</td>
</tr>
<tr>
<td>702a</td>
<td>Do you have a close relative or close friend who has HIV or AIDS, or who has died of AIDS?</td>
</tr>
<tr>
<td>703</td>
<td>Can you explain to me what you understand by the words “HIV” and “AIDS”? What is the difference between “HIV” and ‘AIDS’? It doesn’t matter if you don’t know.</td>
</tr>
<tr>
<td>704</td>
<td>A person can reduce their chances of getting HIV, the virus that causes AIDS, by using a condom correctly every time they have sex.</td>
</tr>
<tr>
<td>705</td>
<td>A person can reduce their chance of getting HIV, the virus that causes AIDS by avoiding anal sex.</td>
</tr>
<tr>
<td>706</td>
<td>A person can get HIV by sharing a meal with someone who has HIV or AIDS.</td>
</tr>
<tr>
<td>707</td>
<td>A person can get HIV from mosquito bites.</td>
</tr>
<tr>
<td>708</td>
<td>A person can reduce their chance of getting HIV by having only one, uninfected, faithful sex partner.</td>
</tr>
<tr>
<td>709</td>
<td>A person can reduce their chance of getting HIV by abstaining from sexual intercourse.</td>
</tr>
</tbody>
</table>

Read out: HIV is a virus (an infection) that can be passed from person to person – you can catch HIV from someone else. If you get HIV it can make you sick. This sickness is called AIDS.

Read out: Now I’m going to read you some statements about how the virus HIV may be passed from person to person. For each statement, please indicate whether you think it is true, false or you don’t know. (It is OK not to know). **Note: Reassure people it really doesn’t matter not knowing an answer (eg they can answer “Don't know” to any of the questions).**
<table>
<thead>
<tr>
<th>Question Number</th>
<th>Question Text</th>
<th>Answer Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>710</td>
<td>A healthy looking person can have HIV.</td>
<td>Yes, true, No, false, Don’t know, No answer/refused</td>
</tr>
<tr>
<td>711</td>
<td>A person can get HIV by having injections with a needle or syringe that has already been used by someone else.</td>
<td>Yes, true, No, false, Don’t know, No answer/refused</td>
</tr>
<tr>
<td>712</td>
<td>A pregnant woman who has HIV or AIDS can pass HIV on to her unborn baby.</td>
<td>Yes, true, No, false, Don’t know, No answer/refused</td>
</tr>
<tr>
<td>713</td>
<td>A woman who has HIV or AIDS can pass HIV on to her newborn baby through breastfeeding.</td>
<td>Yes, true, No, false, Don’t know, No answer/refused</td>
</tr>
<tr>
<td>714</td>
<td>A person can get HIV from the saliva of someone who has HIV or AIDS.</td>
<td>Yes, true, No, false, Don’t know, No answer/refused</td>
</tr>
<tr>
<td>715</td>
<td>Only gay men get HIV or AIDS.</td>
<td>Yes, true, No, false, Don’t know, No answer/refused</td>
</tr>
</tbody>
</table>

**Read out:** The next few questions are about HIV testing

<table>
<thead>
<tr>
<th>Question Number</th>
<th>Question Text</th>
<th>Answer Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>716</td>
<td>Is it possible in your community to get a confidential test result for HIV? Confidential means no one will know the result if the person being tested doesn’t want them to know.</td>
<td>Yes, No, Don’t know, No answer/refused</td>
</tr>
<tr>
<td>716a</td>
<td>Why can’t you get a confidential HIV test result? (Tick all that apply)</td>
<td>HIV testing is not available, Testing site too difficult to get to, Testing site too public, Results not kept confidential, Opening hours not convenient, Other (specify), No answer/refused</td>
</tr>
<tr>
<td>717</td>
<td>Please don’t tell me the result, but have you ever had an HIV test?</td>
<td>Yes, No, Don’t know, No answer/refused</td>
</tr>
<tr>
<td>717a</td>
<td>When did you have your most recent HIV test?</td>
<td>In the last three months, Over a year ago, Don’t know, No answer/refused</td>
</tr>
<tr>
<td>717b</td>
<td>Did you voluntarily have your most recent HIV test or were you required to have the test?</td>
<td>Voluntary, Required, Don’t know, No answer</td>
</tr>
<tr>
<td>717c</td>
<td>Did you receive information and/or counselling before your most recent HIV test?</td>
<td></td>
</tr>
</tbody>
</table>
The following is a list of HIV prevention activities. Have you ever………?

(Read out all activities and tick appropriate responses)

<table>
<thead>
<tr>
<th>Activity</th>
<th>Yes</th>
<th>No</th>
<th>No answer/refused</th>
</tr>
</thead>
<tbody>
<tr>
<td>Participated in an HIV peer education program</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Received STI screening</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heard messages about HIV or AIDS on radio</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Seen messages about HIV or AIDS on TV</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Read messages about HIV or AIDS in newspapers/magazines</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Seen messages about HIV or AIDS on billboards/posters/signs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Obtained information from leaflets/printed booklets</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Seen the “Mr Right Guy” film or CD?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Participated in an HIV education program eg workshop, school program</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Attended HIV community event (eg World AIDS day, public meeting)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Received information about HIV or AIDS from an outreach worker (eg someone who came to your community and talked about HIV or AIDS).</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section Eight: Stigma and Discrimination

We have almost reached the end of the interview. The final statements are about your attitudes and beliefs. For each statement please indicate if you strongly agree, agree, disagree, strongly disagree or don't know. There are no right or wrong answers, we are just interested in your honest opinions.

801 I would be willing to share a meal with a person I know has HIV or AIDS.

- Strongly agree
- Agree
- Disagree
- Strongly disagree
- Don’t know
- No answer/refused

802 If I knew a shopkeeper or food seller had HIV or AIDS, I would still buy food from them.

- Strongly agree
- Agree
- Disagree
- Strongly disagree
- Don’t know
- No answer/refused
If a relative of mine became ill with AIDS, I would be willing to care for them in my household.

- [ ] Strongly agree
- [ ] Agree
- [ ] Disagree
- [ ] Strongly disagree
- [ ] Don’t know
- [ ] No answer/refused

If a member of my family became ill with AIDS, I would want it to remain a secret.

- [ ] Strongly agree
- [ ] Agree
- [ ] Disagree
- [ ] Strongly disagree
- [ ] Don’t know
- [ ] No answer/refused

All persons coming to Tokelau should be tested for HIV.

- [ ] Strongly agree
- [ ] Agree
- [ ] Disagree
- [ ] Strongly disagree
- [ ] Don’t know
- [ ] No answer/refused

The names of all persons with HIV should be displayed in a public place for everyone to see.

- [ ] Strongly agree
- [ ] Agree
- [ ] Disagree
- [ ] Strongly disagree
- [ ] Don’t know
- [ ] No answer/refused

All persons with HIV should live apart from the general community.

- [ ] Strongly agree
- [ ] Agree
- [ ] Disagree
- [ ] Strongly disagree
- [ ] Don’t know
- [ ] No answer/refused

Knowingly passing HIV onto someone else should be a criminal offence.

- [ ] Strongly agree
- [ ] Agree
- [ ] Disagree
- [ ] Strongly disagree
- [ ] Don’t know
- [ ] No answer/refused

---

Section Nine: Religion

And finally, please could you tell me what religion are you?

- [ ] No religion
- [ ] Catholic
- [ ] Protestant
- [ ] Jehovah
- [ ] SDA
- [ ] Other: ___________________________
- [ ] No answer/refused

---

Section Ten: Concluding Remarks, Interventions and Referrals

This is the end of the interview. Thank you very much for taking the time to answer these questions, we much appreciate your taking part in this survey.

- ★ Is there anything you would like to ask me?
- ★ Would you like to take home this information leaflet?
- ★ Would you like some condoms?
Complete table below

<table>
<thead>
<tr>
<th>Health information provided?</th>
<th>Verbal</th>
<th>Printed</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Referral for STI symptoms?</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Referral to other source</td>
<td>Yes (specify)</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Condoms provided?</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>

Comments on Interview

Place questionnaire in box provided