

**National Center for HIV/AIDS, Dermatology and STDs
Ministry of Health**



**Passive Surveillance Report on HIV/AIDS and Sexually
Transmitted Infections, VCCT and Others HIV/AIDS
Related in Cambodia in 2004**

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I- Introduction

HIV/AIDS has been increasing rapidly making Cambodia the fastest growing epidemic in Asia though recently, the Joint United Program on HIV/AIDS (UNAIDS) has recognized the stabilized HIV epidemic in Cambodia (**Ref: WHO/UNAIDS: AIDS epidemic update, 2002**). HIV was first detected in National Blood Transfusion Center in Phnom Penh in 1991 and in 1993 the first cases of AIDS were diagnosed. The latest available data from the HIV Sentinel Surveillance 2002 reported HIV prevalence rates: 28.8% among “direct” female sex workers (DFSWs) (i.e. based in brothels), 14.8% among “indirect” female sex workers (IDFSWs) (women who work as beer promoters, bar girls, karaoke workers or masseuses), and 2.8% among women receiving antenatal care (ANC) with the estimate of 157,500 people living with HIV/AIDS in the country (**Ref: HSS 2002**).

HIV/AIDS and STI related data in Cambodia come from two main sources: routine centralized case reporting (also called passive surveillance) and survey of the selected populations. In the past, epidemiological data on HIV/AIDS in Cambodia has relied mainly on the active HIV/AIDS surveillance program. This program has three major components: HIV sentinel surveillance (HSS), behavioral surveillance survey (BSS) and Sexually Transmitted Diseases Surveillance (SSS). The HSS was first conducted in 1995 and the BSS was first conducted in 1997 while two rounds of SSS were completed in 1996 and 2000. This surveillance program serves as a good monitoring system on the trends of HIV/AIDS/STI epidemic and related risk sexual behavior determinants and to provide guidance for policy development, program planning, and interventions. Furthermore this active surveillance system has been recognized internationally as a good monitoring system of HIV/AIDS epidemic in Cambodia (UNAIDS). However, the HIV/STI related passive surveillance system is still weak. According to the Health Information System (HIS), Ministry of Health (MoH), all HIV/AIDS and STD cases must be reported to HIS, and there is a big gap between the such as reported numbers vs. estimated number of HIV/AIDS. Moreover, all cases reported to HIS are to some extent not satisfying because of the inadequate information collected. Epidemiological studies show that only about 10% of HIV positive cases and AIDS diagnosed patients are reported to MoH (**Ref: Saphonn et al, Abstract #55, First Cambodia National AIDS Conference**).

As recommended by WHO and UNAIDS, all countries have to report the HIV/AIDS cases though low reporting rates are expected to be common especially in developing countries because HIV/AIDS case reporting remains an important tool and is useful for estimating the burden of HIV/AIDS and STIs related morbidity and mortality, and planning for the health care services in the short run (**Ref: WHO STI/HIV Surveillance**), especially in the case of Cambodia where one of the National Center for HIV/AIDS, Dermatology and STDs (NCHADS) and MoH’s priorities is to target on HIV/AIDS/STI care. Therefore, this is the second of a series of HIV/AIDS and STD related passive surveillance report. The report will be a compilation all data sources available in Cambodia both from the government and non-government sectors related to HIV/AIDS/STI prevention and care. Also a number of risk groups such as sex workers will be included in the report because of its usefulness for monitoring the change in pattern of commercial sex in Cambodia and for in part the estimate of HIV infection

II- Objectives

- 1- To update all HIV/STI related data available from all sources for program planning and interventions.
- 2- To provide up-to-date information related to HIV/AIDS, STI, VCTs and other HIV/AIDS related data from the existing reporting systems.
- 3- To write the report and disseminate it to all sector involved in the HIV/AIDS prevention and care on the semester basis.
- 4- To recommend the use of the uniform report format for all STD clinics and are comparable to the standardized report fit with the UNAIDS fact sheet.
- 5- To compile the information related to the ARV services and number of cases received ARV in comparison with the 3 by 5 target
- 6- To get comments and suggestions regarding the existing reporting systems and to improve the quality of the report for better use of the data for program planning and interventions.

III- Data collection procedure

The primary data sources, information and report are collected from STD Unit, VCCT Subunit, AIDS Care Unit, BCC Unit. Additionally, complementary data was collected and assessed by the Surveillance Unit staff at some specific provincial levels (Banteay Meanchey, Battambang, Siem Reap, Kampong Cham, Sihanouk Ville, Prey Veng, Takeo and Rattanakiri) to better understand the underlying issues related to reporting system so that improvement of the case reporting will be made accordingly. The following sections include HIV/AIDS case report, STI case report, voluntary counseling and HIV testing, update numbers of people living with HIV/AIDS receiving ARV, report of number of high risk group, MSM, and drug use in Cambodia.

IV- HIV/AIDS Case Reporting

HIV/AIDS case reporting is a very problematic in Cambodia because of the limited government health infrastructure, inadequate human resources at all levels, no duplication control system available, limited understanding the usefulness of the case reporting, and may be the lack of motivation. Given this situation, HIV/AIDS case reporting is not reliable and useful for assessing the health care need (such as OI drug estimate) in Cambodia. As recommended from WHO and UNAIDS in 1999, most of the countries compile the AIDS case reporting and send to WHO regularly based on the standardized format developed by WHO. This makes NCHADS difficult to fill in this task properly the yearly-basis report form requested by WHO because of the different and mixing report format in different institutions within the country from both government and NGOs; therefore, since 2000, Cambodia has not been able to report any AIDS cases to WHO. Despite this difficulty in the report to WHO, in 2003 NCHADS has restarted to fill in the WHO form.. In addition to that, *AIDS case definition in Cambodia is still not widely disseminated to all provincial health* departments especially Referral Hospitals and other HIV/AIDS related profit and non profit organizations who have been working with clinical care for people living with HIV/AIDS though the case definition was already finalized by the AIDS Care Working Group. The AIDS cases report might be varies from province to province, from referral hospital to referral hospital because of non-standardized about case definition. Due to the unreliable and unusable data from the reporting system, a new approach of the reporting system with a standardized form (at least it should includes age groups and sex variables) and standardized case definition to be piloted first at a small scale to seek a better mechanism to provide a better data for program planning and interventions especially for AIDS care such as the access to anti-retro viral therapy (ART), and the use of HIV/AIDS sex ratio in estimate of the HIV/AIDS in Cambodia. A format for HIV/AIDS case reporting should be developed.

In table 1, numbers of HIV infection, AIDS cases and deaths from different sources were collected. Keep in mind that these numbers might be duplicated between sources because of the different procedures of collecting the data. But our effort is to try to collect all information available first. The duplication issue will be handled once the data collection procedure is improved.

Table 1: Report of HIV, AIDS and AIDS death cases from different sources, 2004

	HIV			AIDS Cases			AIDS death		
	Total	M	F	Total	M	F	Total	M	F
VCCTs (a)	5922	2826	3096						
HIS (b)	5332			1374			117		
Blood Donors									
HSS	923	114	809						
Center of Hope									
Direct report AIDS cases from PAOs				10589	4298	6291			
IOM	6	1	5						
Total	12183	2941	3910	11963	4298	6291	117	0	0

Source: Compiled by Surveillance Unit, December 2004

Table 2: AIDS cases by years of reporting

Years	HIV	AIDS CASES	AIDS DEATHS
1991	3	0	0
1992	91	0	0
1993	204	1	0
1994	646	14	9
1995	2520	91	15
1996	4241	300	72
1997	4102	572	69
1998	6152	1494	229
1999	7726	2556	314
2000	13854	3684	533
2001	18505	16053	721
2002			
2003	14069	1394	124
2004	12183	11963	117

* There is a gap to collect the HIV/AIDS case report in 2002

Source: Surveillance Unit, NCHADS

Data on AIDS case report in table 3 is collected directly through the AIDS Care Network from all provincial levels (CoC, MMM, HBC) in effort to cover all information regarding the HIV/AIDS cases at provincial levels. Though overall, numbers here might be under report, it is still better than the HIS because it is faster to get update information.

Table 3: AIDS cases by provinces (collected through PAOs), December 2004

No.	Provinces	AIDS Cases			Source
		Men	Women	Total	
1	Banteay Meanchey	483	537	1020	MMM
2	Battambang	360	546	906	HBC
3	Kampong Cham			1090	MMM
4	Kampong Chhnang	76	101	177	HBC
5	Kampong Speu	79	124	203	HBC
6	Kampong Thom	59	66	125	HBC (KHANA)
7	Kampot	105	130	235	HBC
8	Kandal	394	492	886	Volunteer team
9	Koh Kong	140	140	280	HBC
10	Kratie				No information
11	Pailin			68	BWAP
12	Phnom Penh	1180	1728	2908	HBC
13	Prey Veng	247	445	692	HBC
14	Pursat	52	122	174	HBC (NGO)
15	Rattanak kiri				No information
16	Siem Reap	253	283	536	HBC
17	Sihanouk Ville	161	136	297	COC
18	Stung Treng				No information
19	Svay Rieng	178	304	482	HBC and RH
20	Takeo	531	1137	1668	
21	Preah Vihear				No information
22	Odor Meanchey				No information
23	Mondulkiri				No information
24	Kep				No information
	Total	4298	6291	11747	

V- Sexually Transmitted Infections (STIs)

Significant milestone for STIs

- 1998:** - Manual of STD case management: The syndromic approach for primary health care settings (English version for participants)
- Manual of STD case management: The syndromic approach for primary health care settings (English version for facilitators)
 - Manual of STD case management: The syndromic approach for primary health care settings (Khmer version for participants)
 - Manual of STD case management: The syndromic approach for primary health care settings (Khmer version for facilitators)
- 1999:** National Policy and Priority Strategies for STD Prevention and Control
- 2001:** Guidelines for implementation of sexual transmitted infection services
- 2003:** - Manual of STI case management for syndromic approach at the health centers (Khmer version, second edition)
- Manual of STI case management for sex workers (Khmer version)
 - Training manual for STI case management (Khmer version)

STD case report helps NCHADS to better monitor the STDs trends and caseloads in the high risk groups, general population as well as the geographical distribution. Therefore, a regular collection of information and reports from different sources related to STD cases is necessary. Moreover, actual issues related to the existing reporting system are reflected as part of the report.

Currently, there are three types of STD data sources available from three different reporting forms: the HC1 of the Health Information System (HIS) of the Ministry of Health, monthly STD case report form and the standard medical history (SMH) form. The HC1 is the integrated form for all diseases recorded at the health service delivery levels (health centers), in which **5 main STD syndromes are included:** urethral discharge, vaginal discharge, genital ulcers, PID and genital wart. The data is collected on the monthly basis and sent to HIS via operational districts (OD) and provincial health departments (PHD). The monthly STD case report form, which has been used at the special STD clinics, is more specific and detail with main STI syndromes by age groups and by sex. This form is used to report new STD cases on the monthly basis. The standard medical history (SMH) form was first initiated at STD clinic in Sihanouk Ville Provincial AIDS Office in 1999, which was purposefully used for research. It is very detailed and complicated. Later on, it has been decided to use specifically to collect data only from sex workers complementarily with the 100% CUP. The ACCESS Program Database has been developed and records are tabulated in to the database at the Provincial levels before forwarding to the STD Unit at NCHADS. The Table below is summarized a whole year data collected and compiled from provinces. In October 2004,

the revised report form has been initiated by STD Unit with inputs from Surveillance Unit and ITM in order to improve the reporting system and. It is expected that the new report form will be made available for use at the STD clinics and integrated health centers by early 2005. Also the few-day training for the use of this revised STI report form for all STD clinics will be planned before it is widely used at the STD related health facilities.

Table 4: Reported STI cases by sex and age groups, January-November 2004

Syndroms	Age groups					TOTAL Cases
	<13	13-19	20-29	30-39	>40	
Men						
Urethral discharge (male)	2	34	724	1458	776	2994
Vaginal discharge (female)						
Vaginitis	1	662	3084	1560	868	6175
Cervicitis	0	363	2515	1319	557	4754
Cervicitis + Vaginitis	0	299	2621	2295	1056	6271
Lower abdominal pain (PID)	0	6	197	281	212	696
Genital ulcer						
Male	0	4	91	149	113	357
Female	0	11	95	85	39	230

Source: STD Unit and Surveillance Unit, December 2004

The data in the table above came from special STD clinics in 22 provinces and cities in comparison with 12 provinces in the late 2003 excluding Kep and Mondulkiri where this kind of service was not available. It is noted that STI case reporting from special STD clinics has been improved dramatically. This is because of the regular follow up to get monthly or quarterly STD case reports from the STD Unit staff.

While conducting data tabulation, some issues related to report filling by provincial staff were observed. Inconsistency in the STD case report was generally observed such as confusion between "old STD" and "new STD" This is the case of Svay Rieng, Siem Reap and Pailin. Different STD report forms and old STD report forms still have been used in some STD clinics. This is the case of Banteay Meanchey, Kandal, Rattanakiri, Odor Meanchey provinces. Siem Reap only included STD cases among DFSW and IDFSW in the form and other patients were included in the HC1 form, while Koh Kong province reported STD cases among sex workers in another form. Data from Odo Mean Chey was not able to combine with others. Some provinces included only two type of vaginal discharge (vaginitis, and cervicitis and vaginitis) in the report form while in fact there are 3 type of vaginal discharge (vaginitis, cervicitis, and cervicitis and vaginitis) in the standard report form for NCHADS. Total number of STD reported cases by provinces in 2004 are attached separately in the **Appendix** section.

Table 5: Number of STD clinics and STD integrated services in Cambodia

No.	Provinces	STD clinics	STD Integrated HC
1	Banteay Meanchey	2	44
2	Battambang	2	26
3	Kampong Cham	1	58
4	Kampong Chhang	1	30
5	Kandal	1	58
6	Kep Ville	0	4
7	Koh Kong	2	7
8	Kampot	1	44
9	Kampong Speu	1	30
10	Kratie	1	21
11	Kampong Thom	1	32
12	Mondulkiri	0	5
13	Oudor Meanchey	1	10
14	Pailin	1	3
15	Phnom Penh	5	8
16	Pursat	1	13
17	Prey Veng	2	19
18	Preah Vihear	1	9
19	Rattanakiri	1	6
20	Sihanouk Ville	1	9
21	Siem Reap	1	49
22	Stoeung Treng	1	8
23	Svay Rieng	1	27
24	Takeo	1	59
	Total	30	579

Sources: STD Unit, NCHADS, October 2004

VI- Coverage of HIV Voluntary Confidentiality Counseling and Testing (VCCTs)

Significant milestone for HIV testing and counseling:

- July 1998:** Policy on HIV testing and counseling and guidelines
- Dec 2002:** Policy, strategy and guideline for HIV counseling and testing
- Jan 2004:** A guide for implementation of voluntary confidential counseling and testing for HIV (VCCT)
- Sept 2004:** VCCT counseling training manual (English version)
- Nov 2004:** VCCT counseling training manual (Khmer version)

VCCT is recognized as an entry point of HIV prevention and care support services. The VCCTs were first made available for public in 1996 in Phnom Penh, Kampong Cham, Siem Reap and Battambang with support from the French Cooperation excluding the VCT at the Pasteur Institute which was first made its operation in April 1995. According to the Strategic Plan for HIV/AIDS and STI Prevention and Care in Cambodia 2001-2005, the main objective of the VCCT is to strengthen and expand HIV counseling and testing services in both government and private sectors (NGOs and other private settings). By October 2004, there are 69 VCCTs in 24 provinces and cities, and additional 14 VCCTs have been planned for 2005. However, the report of using VCCTs as the HIV testing sites are still low for both males ranged from 10%-31% and females ranged from about 30%-50% in the BSS groups (**Ref: BSS 2003 Dissemination**). Currently, three types of VCCT are identified: Stand alone VCCT, integrated VCCT and private VCTs. But currently most of the VCCTs are stand-alone. For the meantime, no existing system to coordinate the HIV reporting from private VCTs except some NGOs sent their report to NCHADS. None of these private VCTs do meet the standard procedure of counseling and testing required by the NCHADS, MoH.

The VCCT data management training was conducted in late 2003 to train the VCCT staff to use the Epi Info 2002 database for data entry. Up to this point, the data collection from VCCTs is limited to total number tested, sex and HIV status only. It is expected that in 2005, the VCCT electronic database will be available for NCHADS to use for further analysis such as by jobs, age groups and reasons for testing.

In Phnom Penh alone, there are 22 VCCTs including 1 VCT at the Pasteur Institute, 4 VCTs managed by RHAC, 3 VCTs managed by PSF, 2 managed by WVI, 1 VCT by Mary Knoll and 1 VCT by PSI. The table below listed all VCCTs available to date in different provinces and cities.

In the first 9 months of 2004 (January to September), the total numbers of people tested at VCCTs are close to 60,000 in which males represent 44.6%. Among 26419 males tested at VCCTs, 18% of them are positive whereas 16% of women are positive. Table 7 summarized total number of people tested for HIV and the result by provinces and by sex.

Table 6: Numbers of VCCTs managed by Government and NGOs, 2004

No.	Province	PHD	RHAC	WVI	Other NGOs	Total
1	Phnon Penh	11	4	2	5	22
2	Siem Reap	4	1	0	3	8
3	Battambang	5	1	0	0	6
4	Bantey Meanchey	5	0	0	0	5
5	Kampong Cham	8	2	0	0	10
6	Sihanouk Ville	2	1	0	0	3
7	Kampong Thom	2	0	1	0	3
8	Svay Rieng	3	0	0	0	3
9	Prey Veng	5	0	0	0	5
10	Takeo	5	1	0	0	6
11	Kampot	3	0	0	1	4
12	Pursat	1	0	1	2	4
13	Koh Kong	1	0	0	0	1
14	Kandal	3	0	1	0	4
15	Kampong Speu	2	0	0	0	2
16	Kampong Chhnang	1	0	1	0	2
17	Kratie	1	0	0	0	1
18	Muldulkiri	1	0	0	0	1
19	Ratanakiri	1	0	0	0	1
20	Stung Treng	1	0	0	0	1
21	Odormeanchey	1	0	0	0	1
22	Pailin	1	0	0	0	1
23	Kep Ville	1	0	0	0	1
23	Preah Vihea	1	0	0	0	1
	Total	69	10	6	11	96

Sources: VCCT Sub Unit, NCHADS, October 2004

Note: NCHADS plans to establish additional 14 VCCTs in Kandal, Kampong Speu, Kampong Chhnang, Prey Veng, Takeo, Koh Kong, Battambang, Siem Reap, Kratie in 2005.

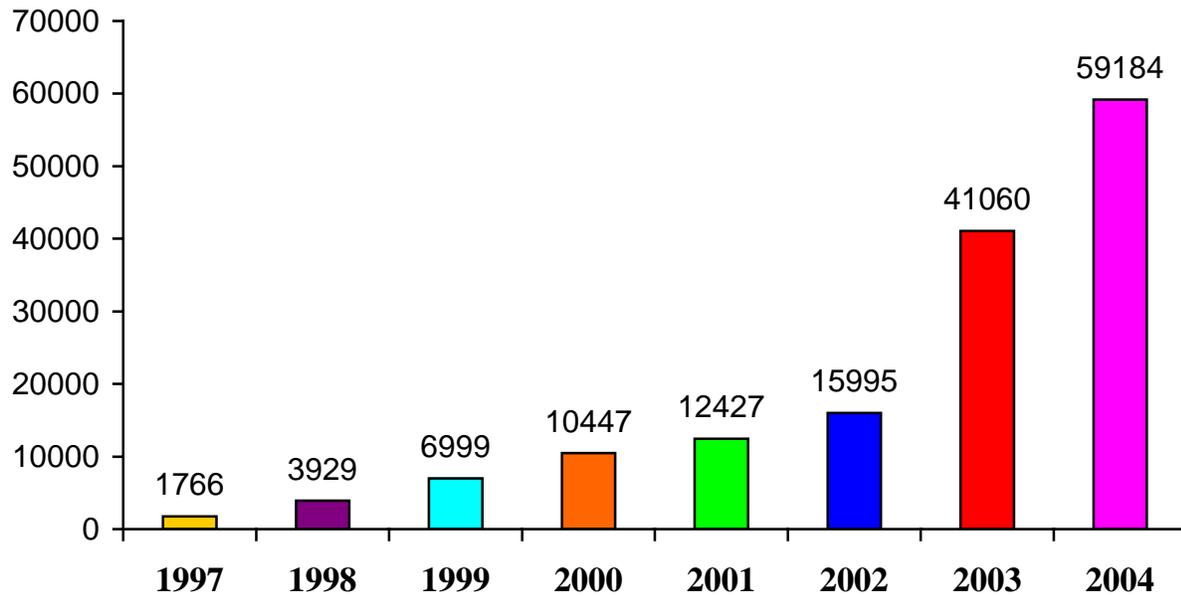
Table 7: HIV Report from VCCTs in Cambodia, Jan 01- Sept 30, 2004

No.	VCTs	Male			Female			Total		
		Total	HIV+	%	No.	HIV+	%	No.	HIV+	%
1	National STD Clinic	1675	312	19%	1480	356	24%	3155	668	21%
2	PNSH	354	209	59%	342	180	53%	696	389	56%
3	Battambang	1474	327	22%	2754	419	15%	4228	746	18%
4	Kampong Cham	538	129	24%	532	101	19%	1070	230	21%
5	Siem Reap	1239	346	28%	1437	375	26%	2676	721	27%
6	Sihanouk Ville	427	167	39%	425	153	36%	852	320	38%
7	Svay Rieng	932	117	13%	1244	136	11%	2176	253	12%
8	Prey Veng	1150	308	27%	1196	263	22%	2346	571	24%
9	Banteay Meanchey	2449	412	17%	3203	504	16%	5652	916	16%
10	Takeo	1354	404	30%	1387	407	29%	2741	811	30%
11	Kampong Thom	440	73	17%	479	84	18%	919	157	17%
12	Kampong Speu	196	38	19%	248	59	24%	444	97	22%
13	Pursat	784	103	13%	795	106	13%	1579	209	13%
14	Kampot	818	149	18%	728	178	24%	1546	327	21%
15	Kratie	303	26	9%	244	32	13%	547	58	11%
16	Stung Treng	128	12	9%	144	17	12%	272	29	11%
17	Koh Kong	283	80	28%	255	91	36%	538	171	32%
18	Pailin	208	19	9%	194	38	20%	402	57	14%
19	Kandal	113	12	11%	88	22	25%	201	34	17%
20	Kampong Chhnang	428	111	26%	419	87	21%	847	198	23%
21	NIPH	634	29	5%	312	17	5%	946	46	5%
22	RHAC	6913	711	10%	11695	883	8%	18608	1594	9%
23	IPC	2524	334	13%	1644	344	21%	4168	678	16%
24	RCHC	988	220	22%	1463	334	23%	2451	554	23%
25	Odor Meancehy	67	6	9%	57	14	25%	124	20	16%
	Total	26419	4654	18%	32765	5200	16%	59184	9854	17%

Sources: VCCT Sub Unit, NCHADS, December 2004 (the first 9 months 2004)

*PNSH: Preah Bath Norodom Sihanouk Hospital; NIPH: National Institute of Public Health; IPC: Institute Pasteur du Cambodge; RCHC: Red Cross Health Center

Figure 1: Numbers of people tested at VCCTs over time



*1997-99: 5 VCCTs, 2000-01: 6 VCCTs, 2003: 17 VCCTs (not including Pasteur Institute), 2004: from 45 VCCTs

Sources: VCCT Sub Unit, G. Fletcher, VCCTs in Cambodia: An overview, Sept 2003. NCHADS October 2004,

VII- People living with HIV/AIDS (PLWHA) and access to HAART

Significant milestones

- 1999:** Manual of HIV/AIDS care and treatment at the community and home based levels (*Khmer version*)
- Jan 2000:**
- Guidelines for HIV/AIDS care management for adults in Cambodia
 - Guidelines for HIV/AIDS pediatric care management in Cambodia
 - Guidelines for HIV/AIDS management for community and home based care in Cambodia
- Jul 2001:**
- Policy for HIV/AIDS and STI Prevention and Care in the Health Sector in Cambodia
 - Guideline for the use of antiretroviral therapy (ART) in Cambodia
- Nov 2003:** National Guidelines for the prophylaxis of opportunistic infections in people living with HIV/AIDS
- Dec 2003:** National Guidelines for the use of ART in adults and adolescents
- Jun 2004:** Guide for facilitators on clinician training on management of opportunistic infections and antiretroviral therapy for adults
- Sep 2004:** Manual (Hand out) for clinician on management of opportunistic infections and antiretroviral therapy for adults (Vol. 1 and Vol. 2)
- Oct 2004:** National guidelines for the use of pediatric ARV (*English version*)

Table 8: Numbers of PLHA on ARV and Care services in Cambodia by 2004

No.	Hospital	Children	Adults	Total
Phnom Penh				
1	NCHADS Clinic	0	0	0
2	Calmette	0	320	320
3	Preah Bath Sihanouk (MSF/F)	65	1841	1906
4	Kosamak (MDM)	5	309	314
5	Sihanouk hospital Center of Hope	0	205	205
6	Maryknoll	190	161	351
7	National Pediatric hospital	49	0	49
8	House of Hope	15	0	15
Provinces				
9	Siem Reap (Esther, MSF/B)	0	671	671
10	Angkor Children hospital	106	0	106
11	Sothnikum (MSF/B)	0	173	173
12	Kampong Cham (MSF/F)	0	500	500
13	Takeo (MSF/B)	0	676	676
14	Svay Rieng	0	100	100
15	Battambang (Maung Russey)	0	111	111
16	Koh Kong	0	11	11
17	Sihanouk Ville	0	27	27
Total		430	5105	5535

Source: AIDS Care Unit, December 2004

It is estimated that the proportion of PLHA get ART and care services is about 26% by the end of 2004 (**Ref: document on ART coverage in Cambodia, Dr. Julian Elliot and AIDS Care Unit**). Currently, the AIDS Care Unit has been conducting a workshop to disseminate the National HIV Care Reporting System in which about 8 different forms from the initial visit form to patient ART care summary form to all physicians working with HIV/AIDS care.

VIII- Reported population sizes of sex workers

This is a compilation over time numbers of direct female sex workers (DFSWs) or also called brothel based sex workers and indirect sex workers (IDFSWs) including bar girls, beer girls, masseuses, and karaoke women and beer garden, that were reported to Surveillance Unit until 1999 and later on to BCC Unit by the Provincial AIDS Offices (PAOs) in the whole country. Keep in mind that there is a shift pattern over time regarding the IDFSWs. Bar girls or dancing girls were only available until 1998; then new emerging group such as karaoke women replaced. Each PAO collects the numbers of sex workers through the outreach and peer education program and also through the 100% condom use working groups. However, a main issue observed is the irregular monthly or quarterly report to BCC Unit in terms of the update numbers of sex workers in each province. The numbers presented in the Table below is possibly underreported for all types of sex workers especially IDFSWs such as Phnom Penh, some groups of sex workers are unable to access by the PAO. The numbers of sex worker population have been found reported differently between PAOs and NGOs. In early 2004, one source mentioned that there was an increase of numbers of sex workers from 30,000 to 100,000 (**Cambodia News, Yr2, Number: 58, April 05-11, 2004**). It has been believed that while the government source about numbers of sex workers tends to be low, the report from the NGOs working with sex workers tends to be high in numbers. Therefore, an estimate of the population size of these groups will be scheduled early 2005. Province specific tables for sex work population since 1996 are attached in the **Appendix** section.

Table 9: Number of sex workers reported from Provincial AIDS Office

Year	DFSWs	IDFSWs	Total sex workers
1996	3,945	NA	3,945
1997	6002	5,309	11311
1998	6235	6,119	12354
1999	3872	8,480	12,352
2000	3872	8,480	12,352
2002	4380	8300	12680
2003	3794	14444	18238
2004	4040	6846	10886

Sources: Surveillance Unit and BCC Unit, December 2004

IX- Men having sex with men (MSM)

There is uncertainty about the estimated numbers of the MSM population, which consists of long hair and short hair. Long hair MSM mostly provided sex services and easily identified because of their appearance in talking or dressing while short hair MSM are usually difficult to identify because they are like other men and they might be bisexual. The first estimated number of MSM around **800** was conducted in 1999. The HIV/STD prevalence study in 2000 on MSM in Phnom Penh found the following prevalence rates: 14% of HIV infection, 7% of Chlamydia trachomatis, 5% of Gonorrhea and 3% of active Syphilis (**Phillipe Girault et al: Sexual Behavior, STIs and HIV among MSM in Phnom Penh, Cambodia 2000**). Recently, there have been some NGOs are working with this group. They include FHI, KHANA who work with other local partner (MHC

and USG) in Phnom Penh, Battambang, Siem Reap and might be other places. The latest mapping conducting by FHI in late 2003 found about **1500** MSM frequently identified in 24 meeting spots (**Morineau G. and Song N.**). According to KHANA, the total number of MSM in four main provinces is about 5500 in 2004. Numbers of MSM by province specific is summarized in table below.

Table 10: Numbers of MSM in the main 4 provinces, 2004

No.	Province	MSM
1	Sihanouk Ville	447
2	Battambang	1648
3	Phnom Penh	2120
4	Siem Reap	1308
Total		5523

Source: KHANA, November 2004

X- Drug use in Cambodia (no update information)

Drug use has become one of the main public health concern especially the injecting drug use (IDU) because it is one of the main factors fueling the spread of HIV/AIDS epidemic in Asia as well as other parts of the globe. A country like Cambodia which is bordered with Thailand and Vietnam where report of IDU and amphetamine typed substances (ATS) are very high, might sooner or later become the country with increase number of illicit drug user though Cambodian are traditionally not domestic drug users. Recently the country has increasingly become a major transit base of drug trafficking and drug use (**Ref: Report on illicit drug situation in Cambodia 1994-2000**) Topics about illicit drug user arrest, drug smugglings and drug confiscations by local authorities especially ATS have been reported nearly daily in local newspapers. Though currently, there has been no study reported the direct link between ATS and the HIV infection, the addiction to ATS are likely to stimulate the high risk behavior which contribute to HIV/AIDS epidemic.

The first rapid assessment of drug use in Cambodia with the support from the World Bank project found that illicit drug abuse was not a major problem in Cambodia in (**Oppenheimer E., November 1995**). However, since that time, there has been a clear evidence of a dramatic increase of the drug use and of the widespread of drug trafficking, while community's awareness about the drug use was still low.

Assessment in 2003 found the high prevalence of ATS use among youth in 4 provinces and cities including Phnom Penh, Sihanouk Ville, Battambang and Bateay Meanchey (**UNODCCP Report 2003**). Recently the assessment of drug use was conducted by CDC-GAP and WHO. The result will be available soon.

Table 11: Total numbers of drug users reported in the 20 provinces and cities*

Sex		Total	Types of drug			
Male	Female		ATS	Heroin	Sniffing glue	Marijuana
4052	335	4387	3566	26	627	168

Sources: Secretariat of National Authority for Combating Drug (NACD), 2003

* No report from Kampong Thom, Kep, Rattanakiri and Mondulkiri provinces

XI- Recommendation

- 1- Propose HIS to revise variables include in the HIV/AIDS reporting system (at least age group, sex)
- 2- Dissemination the case definition of AIDS (waiting for update AIDS case definition from WHO)
- 3- Motivate staff working at the provincial HIS to report to MoH regularly
- 4- Work through TWG on how to coordinate and control duplication issues
- 5- Provide training health staff at special STD clinics to understand the usefulness of the STD data and follow the same procedure to fill the report form
- 6- Need more IT people to set up and manage passive surveillance database especially for VCCTs to meet the increased numbers of VCCTs in the country.
- 7- More data management training for VCCTs and STD clinics.

XII- Appendix

- 1- Provinces specific tables for STI case reports by age groups and sex, 2004
(Special STD Clinics)**
- 2- Province specific table for sex worker population**
- 3- STD case reports from SMH database**

STI cases reported by gender & age

Syndroms	Age groups					TOTAL
	<13	13-19	20-29	30-39	>40	

<i>Men</i>						
1- Urethral discharge	2	34	724	1458	776	2994
2 - Genital Ulcer	0	4	91	149	113	357
3 - Genital warts	0	1	17	5	4	27
4 - Scrotal swelling	0	1	14	10	7	32
5 - Inguinal bubo	0	1	2	3	3	9
6 - Others STIs	0	0	5	7	13	25
Total	2	41	853	1632	916	3444

<i>Women</i>						
1 - Vaginal discharge (total a + b + c)	1	1324	8220	5174	2481	17200
<i>a) Treatment for only Vaginitis</i>	1	662	3084	1560	868	6175
<i>b) Treatment for Cervicitis</i>	0	363	2515	1319	557	4754
<i>c) Treatment for Cervicitis + Vaginitis</i>	0	299	2621	2295	1056	6271
2 - Lower abdominal pain (PID)	0	6	197	281	212	696
3 - Genital Ulcer	0	11	95	85	39	230
4 - Genital warts	0	35	81	20	5	141
5 - Inguinal bubo	0	3	7	3	1	14
6 - Others STIs	0	330	921	170	63	1484
Total	1	1709	9521	5733	2801	19765

TOTAL (men+women)	3	1750	10374	7365	3717	23209
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Ophtalmia neonatorum						
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STI cases reported by professions

Professions (new cases)	Age groups					Total
	<13	13-19	20-29	30-39	>40	
Men						
Military	0	1	93	231	190	515
Police	0	0	69	205	104	378
Customers	0	0	6	1	5	12
Deminer	0	0	8	9	7	24
Other Government officers	0	2	58	274	147	481
Students/Youths	2	17	59	20	7	105
Others	0	31	614	1118	517	2280
Total of new cases (men)	2	51	907	1858	977	3795
Women						
Direct FSWs	0	2030	5772	599	29	8430
Indirect FSWs	0	502	1885	405	51	2843
Housewives	0	227	3870	4242	2220	10559
Students/Youths	1	30	45	26	8	110
Others	0	40	470	748	476	1734
Total of new cases (men)	1	2829	12042	6020	2784	23676
TOAL(men+women)	3	2880	12949	7878	3761	27471

STI cases reported by gender & age

Bantey Meanchey

Syndroms	Age groups					TOTAL
	<13	13-19	20-29	30-39	>40	

Men						
1 - Urethral discharge	0	5	90	137	57	289
2 - Genital Ulcer	0	1	13	15	13	42
3 - Genital warts	0	0	6	0	1	7
4 - Scrotal swelling	0	0	0	0	0	0
5 - Inguinal bubo	0	1	0	0	0	1
6 - Others STIs	0	0	0	1	0	1
Total	0	7	109	153	71	340

Women						
1 - Vaginal discharge (<i>total a + b + c</i>)	0	65	640	352	190	1247
<i>a) Treatment for only Vaginitis</i>	0	29	242	168	97	536
<i>b) Treatment for Cervicitis</i>	0	13	148	35	16	212
<i>c) Treatment for Cervicitis + Vaginitis</i>	0	23	250	149	77	499
2 - Lower abdominal pain (PID)	0	2	34	21	21	78
3 - Genital Ulcer	0	2	36	20	18	76
4 - Genital warts	0	2	7	3	3	15
5 - Inguinal bubo	0	0	1	0	0	1
6 - Others STIs	0	9	29	12	4	54
Total	0	80	747	408	236	1471

TOTAL (men+women)	0	87	856	561	307	1811
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Ophthalmia neonatorum	0	0	0	0	0	0
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STI cases reported by gender & age

Battam Bang

Syndroms	Age groups					TOTAL
	<13	13-19	20-29	30-39	>40	

<i>Men</i>						
1 - Urethral discharge	2	6	83	70	35	196
2 - Genital Ulcer	0	0	10	9	7	26
3 - Genital warts	0	1	3	1	0	5
4 - Scrotal swelling	0	0	0	0	0	0
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	0	1	0	1	2
Total	2	7	97	80	43	229

<i>Women</i>						
1 - Vaginal discharge (<i>total a + b + c</i>)	0	97	450	273	201	1021
<i>a) Treatment for only Vaginitis</i>	0	68	212	106	69	455
<i>b) Treatment for Cervicitis</i>	0	11	40	30	22	103
<i>c) Treatment for Cervicitis + Vaginitis</i>	0	18	198	137	110	463
2 - Lower abdominal pain (PID)	0	0	1	0	4	5
3 - Genital Ulcer	0	0	4	2	2	8
4 - Genital warts	0	3	19	0	0	22
5 - Inguinal bubo	0	0	1	0	1	2
6 - Others STIs	0	3	48	32	36	119
Total	0	103	523	307	244	1177

TOTAL (men+women)	2	110	620	387	287	1406
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Ophtalmia neonatorum	0	0	0	0	0	0
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STI cases reported by gender & age

Kampong Cham

Syndroms	Age groups					TOTAL
	<13	13-19	20-29	30-39	>40	

Men						
1 - Urethral discharge	0	3	64	61	69	197
2 - Genital Ulcer	0	0	14	12	7	33
3 - Genital warts	0	0	3	0	1	4
4 - Scrotal swelling	0	0	0	0	1	1
5 - Inguinal bubo	0	0	2	2	1	5
6 - Others STIs	0	0	0	0	0	0
Total	0	3	83	75	79	240

Women						
1 - Vaginal discharge (total a + b + c)	0	69	289	177	92	627
a) Treatment for only Vaginitis	0	45	108	20	13	186
b) Treatment for Cervicitis	0	3	17	9	5	34
c) Treatment for Cervicitis + Vaginitis	0	21	164	148	74	407
2 - Lower abdominal pain (PID)	0	3	4	7	1	15
3 - Genital Ulcer	0	1	9	2	0	12
4 - Genital warts	0	0	3	2	0	5
5 - Inguinal bubo	0	2	1	1	0	4
6 - Others STIs	0	0	0	0	0	0
Total	0	75	306	189	93	663

TOTAL (men+women)	0	78	389	264	172	903
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Ophtalmia neonatorum	0	0	0	0	0	0
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STI cases reported by gender & age

Kampong Chhnang

Syndroms	Age groups					TOTAL
	<13	13-19	20-29	30-39	>40	

<i>Men</i>						
1 - Urethral discharge	0	0	93	210	39	342
2 - Genital Ulcer	0	0	10	51	30	91
3 - Genital warts	0	0	1	0	0	1
4 - Scrotal swelling	0	0	0	0	0	0
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	0	0	0	0	0
Total	0	0	104	261	69	434

<i>Women</i>						
1 - Vaginal discharge (total a + b + c)	0	38	588	400	149	1175
<i>a) Treatment for only Vaginitis</i>	0	24	169	131	126	450
<i>b) Treatment for Cervicitis</i>	0	12	330	205	10	557
<i>c) Treatment for Cervicitis + Vaginitis</i>	0	2	89	64	13	168
2 - Lower abdominal pain (PID)	0	0	0	0	0	0
3 - Genital Ulcer	0	0	1	18	2	21
4 - Genital warts	0	2	2	0	0	4
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	14	19	3	0	36
Total	0	54	610	421	151	1236

TOTAL (men+women)	0	54	714	682	220	1670
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Ophtalmia neonatorum	0	0	0	0	0	0
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STI cases reported by gender & age

Kandal

Syndroms	Age groups					TOTAL
	<13	13-19	20-29	30-39	>40	

<i>Men</i>						
1 - Urethral discharge	0	0	4	9	4	17
2 - Genital Ulcer	0	0	0	2	1	3
3 - Genital warts	0	0	0	0	0	0
4 - Scrotal swelling	0	0	0	0	0	0
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	0	0	0	0	0
Total	0	0	4	11	5	20

<i>Women</i>						
1 - Vaginal discharge (total a + b + c)	0	57	257	167	92	573
<i>a) Treatment for only Vaginitis</i>	0	40	137	69	53	299
<i>b) Treatment for Cervicitis</i>	0	0	0	0	0	0
<i>c) Treatment for Cervicitis + Vaginitis</i>	0	17	120	98	39	274
2 - Lower abdominal pain (PID)	0	0	1	0	0	1
3 - Genital Ulcer	0	0	1	0	0	1
4 - Genital warts	0	0	0	0	0	0
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	0	0	0	0	0
Total	0	57	259	167	92	575

TOTAL (men+women)	0	57	263	178	97	595
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Ophthalmia neonatorum	0	0	0	0	0	0
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STI cases reported by gender & age

Koh Kong

Syndroms	Age groups					TOTAL
	<13	13-19	20-29	30-39	>40	

Men						
1 - Urethral discharge	0	3	72	202	73	350
2 - Genital Ulcer	0	1	2	4	3	10
3 - Genital warts	0	0	0	0	0	0
4 - Scrotal swelling	0	0	0	0	0	0
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	0	2	0	0	2
Total	0	4	76	206	76	362

Women						
1 - Vaginal discharge (total a + b + c)	1	31	326	333	166	857
a) Treatment for only Vaginitis	1	12	55	81	65	214
b) Treatment for Cervicitis	0	3	16	12	4	35
c) Treatment for Cervicitis + Vaginitis	0	16	255	240	97	608
2 - Lower abdominal pain (PID)	0	0	6	11	2	19
3 - Genital Ulcer	0	0	3	5	4	12
4 - Genital warts	0	0	0	0	1	1
5 - Inguinal bubo	0	0	2	1	0	3
6 - Others STIs	0	0	3	1	2	6
Total	1	31	340	351	175	898

TOTAL (men+women)	1	35	416	557	251	1260
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Ophtalmia neonatorum	0	0	0	0	0	0
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STI cases reported by gender & age

Kampong Speu

Syndroms	Age groups					<i>TOTAL</i>
	<13	13-19	20-29	30-39	>40	

<i>Men</i>						
1 - Urethral discharge	0	3	29	89	31	152
2 - Genital Ulcer	0	0	7	7	11	25
3 - Genital warts	0	0	0	0	0	0
4 - Scrotal swelling	0	0	0	0	0	0
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	0	0	0	0	0
Total	0	3	36	96	42	177

<i>Women</i>						
1 - Vaginal discharge (total a + b)						0
<i>a) Treatment for only Vaginitis</i>	0	20	243	275	127	665
<i>b) Treatment for Cervicitis</i>	0	14	224	256	176	670
<i>c) Treatment for Cervicitis + Vaginitis</i>	0	5	92	149	54	300
2 - Lower abdominal pain (PID)	0	1	47	82	25	155
3 - Genital Ulcer	0	0	1	2	0	3
4 - Genital warts	0	0	0	0	0	0
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	0	0	0	0	0
Total	0	40	607	764	382	1793

TOTAL (men+women)	0	43	643	860	424	1970
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Ophthalmia neonatorum	0	0	0	0	0	0
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STI cases reported by gender & age

Kamport

Syndroms	Age groups					<i>TOTAL</i>
	<13	13-19	20-29	30-39	>40	
Men						
1- Urethral discharge	0	0	11	41	14	66
2 - Genital Ulcer	0	0	0	0	0	0
3 - Genital warts	0	0	0	0	0	0
4 - Scrotal swelling	0	0	0	0	0	0
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	0	0	0	0	0
Total	0	0	11	41	14	66
Women						
1 - Vaginal discharge (total a + b + c)	0	17	173	72	29	291
<i>a) Treatment for only Vaginitis</i>	0	10	54	14	8	86
<i>b) Treatment for Cervicitis</i>	0	5	77	24	14	120
<i>c) Treatment for Cervicitis + Vaginitis</i>	0	2	42	34	7	85
2 - Lower abdominal pain (PID)	0	0	1	2	1	4
3 - Genital Ulcer	0	0	0	1	0	1
4 - Genital warts	0	0	0	0	0	0
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	0	0	0	0	0
Total	0	17	174	75	30	296
TOTAL (men+women)	0	17	185	116	44	362
Ophthalmia neonatorum	0	0	0	0	0	0

STI cases reported by gender & age

Kratei

Syndroms	Age groups					TOTAL
	<13	13-19	20-29	30-39	>40	

<i>Men</i>						
1 - Urethral discharge	0	0	62	43	10	115
2 - Genital Ulcer	0	0	0	0	0	0
3 - Genital warts	0	0	1	0	0	1
4 - Scrotal swelling	0	1	13	7	2	23
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	0	0	0	2	2
Total	0	1	76	50	14	141

<i>Women</i>						
1 - Vaginal discharge (total a + b + c)	0	65	601	519	160	1345
<i>a) Treatment for only Vaginitis</i>	0	39	141	87	37	304
<i>b) Treatment for Cervicitis</i>	0	19	170	93	35	317
<i>c) Treatment for Cervicitis + Vaginitis</i>	0	7	290	339	88	724
2 - Lower abdominal pain (PID)	0	0	52	81	33	166
3 - Genital Ulcer	0	1	5	9	0	15
4 - Genital warts	0	1	1	0	0	2
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	0	0	0	0	0
Total	0	67	659	609	193	1528

TOTAL (men+women)	0	68	735	659	207	1669
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Ophthalmia neonatorum	0	0	0	0	0	0
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STI cases reported by gender & age

Kampong Thom

Syndroms	Age groups					<i>TOTAL</i>
	<13	13-19	20-29	30-39	>40	

<i>Men</i>						
1- Urethral discharge	0	4	45	92	76	217
2 - Genital Ulcer	0	1	0	7	6	14
3 - Genital warts	0	0	0	0	0	0
4 - Scrotal swelling	0	0	0	0	0	0
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	0	0	0	0	0
Total	0	5	45	99	82	231

<i>Women</i>						
1 - Vaginal discharge (total a + b + c)	0	49	449	383	202	1083
<i>a) Treatment for only Vaginitis</i>	0	22	184	123	66	395
<i>b) Treatment for Cervicitis</i>	0	18	196	130	63	407
<i>c) Treatment for Cervicitis + Vaginitis</i>	0	9	69	130	73	281
2 - Lower abdominal pain (PID)	0	0	0	11	75	86
3 - Genital Ulcer	0	1	6	4	0	11
4 - Genital warts	0	0	0	0	0	0
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	0	0	0	0	0
Total	0	50	455	398	277	1180

TOTAL (men+women)	0	55	500	497	359	1411
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Ophthalmia neonatorum	0	0	0	0	0	0
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STI cases reported by gender & age

Pailin

Syndroms	Age groups					TOTAL
	<13	13-19	20-29	30-39	>40	

<i>Men</i>						
1- Urethral discharge	0	1	74	156	102	333
2 - Genital Ulcer	0	0	10	3	7	20
3 - Genital warts	0	0	0	0	1	1
4 - Scrotal swelling	0	0	0	3	2	5
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	0	1	0	7	8
Total	0	1	85	162	119	367

<i>Women</i>						
1 - Vaginal discharge (<i>total a + b + c</i>)	0	95	750	293	191	1329
<i>a) Treatment for only Vaginitis</i>	0	37	336	37	15	425
<i>b) Treatment for Cervicitis</i>	0	45	257	124	87	513
<i>c) Treatment for Cervicitis + Vaginitis</i>	0	13	157	132	89	391
2 - Lower abdominal pain (PID)	0	0	13	11	10	34
3 - Genital Ulcer	0	0	0	5	1	6
4 - Genital warts	0	0	0	0	0	0
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	34	166	23	16	239
Total	0	129	929	332	218	1608

TOTAL (men+women)	0	130	1014	494	337	1975
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Ophthalmia neonatorum	0	0	0	0	0	0
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STI cases reported by gender & age

Phnom Penh

Syndroms	Age groups					TOTAL
	<13	13-19	20-29	30-39	>40	

<i>Men</i>						
1 - Urethral discharge	0	0	7	20	29	56
2 - Genital Ulcer	0	0	0	0	0	0
3 - Genital warts	0	0	0	0	0	0
4 - Scrotal swelling	0	0	0	0	0	0
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	0	0	0	0	0
Total	0	0	7	20	29	56

<i>Women</i>						
1 - Vaginal discharge (total a + b + c)	0	58	411	275	126	870
<i>a) Treatment for only Vaginitis</i>	0	33	257	133	73	496
<i>b) Treatment for Cervicitis</i>	0	22	134	118	34	308
<i>c) Treatment for Cervicitis + Vaginitis</i>	0	3	20	24	19	66
2 - Lower abdominal pain (PID)	0	0	21	35	29	85
3 - Genital Ulcer	0	0	0	2	0	2
4 - Genital warts	0	0	14	13	1	28
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	10	34	19	4	67
Total	0	68	480	344	160	1052

TOTAL (men+women)	0	68	487	364	189	1108
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Ophthalmia neonatorum	0	0	0	0	0	0
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STI cases reported by gender & age

Pursat

Syndroms	Age groups					<i>TOTAL</i>
	<13	13-19	20-29	30-39	>40	

<i>Men</i>						
1 - Urethral discharge	0	1	4	6	7	18
2 - Genital Ulcer	0	0	1	0	0	1
3 - Genital warts	0	0	0	0	0	0
4 - Scrotal swelling	0	0	0	0	0	0
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	0	0	0	0	0
Total	0	1	5	6	7	19

<i>Women</i>						
1 - Vaginal discharge (total a + b + c)	0	23	60	21	6	110
<i>a) Treatment for only Vaginitis</i>	0	18	41	0	1	60
<i>b) Treatment for Cervicitis</i>	0	5	15	0	0	20
<i>c) Treatment for Cervicitis + Vaginitis</i>	0	0	4	21	5	30
2 - Lower abdominal pain (PID)	0	0	3	2	5	10
3 - Genital Ulcer	0	0	0	0	0	0
4 - Genital warts	0	4	2	0	0	6
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	0	0	0	0	0
Total	0	27	65	23	11	126

TOTAL (men+women)	0	28	70	29	18	145
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Ophthalmia neonatorum	0	0	0	0	0	0
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STI cases reported by gender & age

Prey Veng

Syndroms	Age groups					TOTAL
	<13	13-19	20-29	30-39	>40	

<i>Men</i>						
1- Urethral discharge	0	6	21	72	72	171
2 - Genital Ulcer	0	0	2	1	1	4
3 - Genital warts	0	0	0	1	0	1
4 - Scrotal swelling	0	0	0	0	0	0
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	0	0	2	0	2
Total	0	6	23	76	73	178

<i>Women</i>						
1 - Vaginal discharge (<i>total a + b + c</i>)	0	28	459	415	151	1053
<i>a) Treatment for only Vaginitis</i>	0	17	154	64	13	248
<i>b) Treatment for Cervicitis</i>	0	3	107	153	62	325
<i>c) Treatment for Cervicitis + Vaginitis</i>	0	8	198	198	76	480
2 - Lower abdominal pain (PID)	0	0	3	16	5	24
3 - Genital Ulcer	0	0	3	1	4	8
4 - Genital warts	0	0	1	0	0	1
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	0	0	0	0	0
Total	0	28	466	432	160	1086

TOTAL (men+women)	0	34	489	508	233	1264
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Ophthalmia neonatorum	0	0	0	0	0	0
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STI cases reported by gender & age

Preah Vihea

Syndroms	Age groups					TOTAL
	<13	13-19	20-29	30-39	>40	

<i>Men</i>						
1- Urethral discharge	0	0	43	199	122	364
2 - Genital Ulcer	0	0	2	13	3	18
3 - Genital warts	0	0	0	0	0	0
4 - Scrotal swelling	0	0	0	0	0	0
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	0	0	3	2	5
Total	0	0	45	215	127	387

<i>Women</i>						
1 - Vaginal discharge (<i>total a + b + c</i>)	0	22	319	327	155	823
<i>a) Treatment for only Vaginitis</i>	0	13	128	97	31	269
<i>b) Treatment for Cervicitis</i>	0	7	40	33	0	80
<i>c) Treatment for Cervicitis + Vaginitis</i>	0	2	151	197	124	474
2 - Lower abdominal pain (PID)	0	0	3	1	1	5
3 - Genital Ulcer	0	0	8	5	3	16
4 - Genital warts	0	0	0	0	0	0
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	0	0	0	1	1
Total	0	22	330	333	160	845

TOTAL (men+women)	0	22	375	548	287	1232
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Ophthalmia neonatorum	0	0	0	0	0	0
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STI cases reported by gender & age

Rattanak Kiri

Syndroms	Age groups					TOTAL
	<13	13-19	20-29	30-39	>40	

<i>Men</i>						
1- Urethral discharge	0	0	0	0	1	1
2 - Genital Ulcer	0	0	0	0	0	0
3 - Genital warts	0	0	0	0	0	0
4 - Scrotal swelling	0	0	0	0	0	0
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	0	0	0	0	0
Total	0	0	0	0	1	1

<i>Women</i>						
1 - Vaginal discharge (<i>total a + b + c</i>)	0	21	78	16	8	123
<i>a) Treatment for only Vaginitis</i>	0	1	7	1	1	10
<i>b) Treatment for Cervicitis</i>	0	20	71	15	7	113
<i>c) Treatment for Cervicitis + Vaginitis</i>	0	0	0	0	0	0
2 - Lower abdominal pain (PID)	0	0	0	0	0	0
3 - Genital Ulcer	0	0	0	0	0	0
4 - Genital warts	0	0	0	0	0	0
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	0	0	0	0	0
Total	0	21	78	16	8	123

TOTAL (men+women)	0	21	78	16	9	124
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Ophthalmia neonatorum	0	0	0	0	0	0
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STI cases reported by gender & age

Sihanouk Ville

Syndroms	Age groups					TOTAL
	<13	13-19	20-29	30-39	>40	

<i>Men</i>						
1- Urethral discharge	0	0	7	17	7	31
2 - Genital Ulcer	0	0	4	2	4	10
3 - Genital warts	0	0	0	0	0	0
4 - Scrotal swelling	0	0	1	0	1	2
5 - Inguinal bubo	0	0	0	1	1	2
6 - Others STIs	0	0	1	1	1	3
Total	0	0	13	21	14	48

<i>Women</i>						
1 - Vaginal discharge (<i>total a + b + c</i>)	0	235	875	76	22	1208
<i>a) Treatment for only Vaginitis</i>	0	115	301	21	10	447
<i>b) Treatment for Cervicitis</i>	0	82	445	45	12	584
<i>c) Treatment for Cervicitis + Vaginitis</i>	0	38	129	10	0	177
2 - Lower abdominal pain (PID)	0	0	1	1	0	2
3 - Genital Ulcer	0	0	4	2	0	6
4 - Genital warts	0	4	21	0	0	25
5 - Inguinal bubo	0	1	2	1	0	4
6 - Others STIs	0	1	1	4	0	6
Total	0	241	904	84	22	1251

TOTAL (men+women)	0	241	917	105	36	1299
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Ophthalmia neonatorum	0	0	0	0	0	0
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STI cases reported by gender & age

Siam Reap

Syndroms	Age groups					TOTAL
	<13	13-19	20-29	30-39	>40	

<i>Men</i>						
1- Urethral discharge	0	0	0	0	0	0
2 - Genital Ulcer	0	0	0	0	0	0
3 - Genital warts	0	0	0	0	0	0
4 - Scrotal swelling	0	0	0	0	0	0
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	0	0	0	0	0
Total	0	0	0	0	0	0

<i>Women</i>						
1 - Vaginal discharge (<i>total a + b + c</i>)	0	135	234	19	1	389
<i>a) Treatment for only Vaginitis</i>	0	52	71	4	1	128
<i>b) Treatment for Cervicitis</i>	0	57	106	7	0	170
<i>c) Treatment for Cervicitis + Vaginitis</i>	0	26	57	8	0	91
2 - Lower abdominal pain (PID)	0	0	6	0	0	6
3 - Genital Ulcer	0	1	1	0	0	2
4 - Genital warts	0	19	11	2	0	32
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	0	0	0	0	0
Total	0	155	252	21	1	429

TOTAL (men+women)	0	155	252	21	1	429
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Ophthalmia neonatorum	0	0	0	0	0	0
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STI cases reported by gender & age

Steung Treng

Syndroms	Age groups					TOTAL
	<13	13-19	20-29	30-39	>40	

Men						
1- Urethral discharge	0	0	0	2	1	3
2 - Genital Ulcer	0	0	4	5	8	17
3 - Genital warts	0	0	0	0	0	0
4 - Scrotal swelling	0	0	0	0	0	0
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	0	0	0	0	0
Total	0	0	4	7	9	20

Women						
1 - Vaginal discharge (<i>total a + b + c</i>)	0	29	178	65	28	300
<i>a) Treatment for only Vaginitis</i>	0	4	34	28	14	80
<i>b) Treatment for Cervicitis</i>	0	24	122	30	10	186
<i>c) Treatment for Cervicitis + Vaginitis</i>	0	1	22	7	4	34
2 - Lower abdominal pain (PID)	0	0	0	0	0	0
3 - Genital Ulcer	0	0	0	0	0	0
4 - Genital warts	0	0	0	0	0	0
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	0	0	0	0	0
Total	0	29	178	65	28	300

TOTAL (men+women)	0	29	182	72	37	320
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Ophtalmia neonatorum	0	0	0	0	0	0
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STI cases reported by gender & age

Svay Reng

Syndroms	Age groups					TOTAL
	<13	13-19	20-29	30-39	>40	

<i>Men</i>						
1- Urethral discharge	0	2	9	18	4	33
2 - Genital Ulcer	0	1	12	15	10	38
3 - Genital warts	0	0	3	3	1	7
4 - Scrotal swelling	0	0	0	0	0	0
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	0	0	0	0	0
Total	0	3	24	36	15	78

<i>Women</i>						
1 - Vaginal discharge (<i>total a + b + c</i>)	0	45	111	81	39	276
<i>a) Treatment for only Vaginitis</i>	0	33	57	35	12	137
<i>b) Treatment for Cervicitis</i>	0	0	0	0	0	0
<i>c) Treatment for Cervicitis + Vaginitis</i>	0	12	54	46	27	139
2 - Lower abdominal pain (PID)	0	0	1	0	0	1
3 - Genital Ulcer	0	5	10	5	3	23
4 - Genital warts	0	0	0	0	0	0
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	0	0	0	0	0
Total	0	50	122	86	42	300

TOTAL (men+women)	0	53	146	122	57	378
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Ophthalmia neonatorum	0	0	0	0	0	0
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STI cases reported by gender & age

Takeo

Syndroms	Age groups					TOTAL
	<13	13-19	20-29	30-39	>40	

<i>Men</i>						
1- Urethral discharge	0	0	6	14	23	43
2 - Genital Ulcer	0	0	0	3	2	5
3 - Genital warts	0	0	0	0	0	0
4 - Scrotal swelling	0	0	0	0	1	1
5 - Inguinal bubo	0	0	0	0	1	1
6 - Others STIs	0	0	0	0	0	0
Total	0	0	6	17	27	50

<i>Women</i>						
1 - Vaginal discharge (<i>total a + b + c</i>)	0	106	413	230	116	865
<i>a) Treatment for only Vaginitis</i>	0	30	153	66	36	285
<i>b) Treatment for Cervicitis</i>	0	0	0	0	0	0
<i>c) Treatment for Cervicitis + Vaginitis</i>	0	76	260	164	80	580
2 - Lower abdominal pain (PID)	0	0	0	0	0	0
3 - Genital Ulcer	0	0	3	2	2	7
4 - Genital warts	0	0	0	0	0	0
5 - Inguinal bubo	0	0	0	0	0	0
6 - Others STIs	0	259	621	76	0	956
Total	0	365	1037	308	118	1828

TOTAL (men+women)	0	365	1043	325	145	1878
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Ophthalmia neonatorum	0	0	0	0	0	0
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STI cases reported by professions

Phnom Penh

Professions (new cases)	Age groups					Total
	<13	13-19	20-29	30-39	>40	
Men						
Military	0	0	0	0	0	0
Police	0	0	0	0	0	0
Customers	0	0	0	0	0	0
Deminer	0	0	0	0	0	0
Other Government officers	0	0	0	0	0	0
Students/Youths	0	0	0	0	0	0
Others	0	0	7	20	29	56
Total of new cases (men)	0	0	7	20	29	56
Women						
Direct FSWs	0	35	27	0	0	62
Indirect FSWs	0	20	241	176	20	457
Housewives	0	22	188	151	147	508
Students/Youths	0	0	0	0	0	0
Others	0	0	0	0	0	0
Total of new cases (men)	0	77	456	327	167	1027
TOAL(men+women)	0	77	463	347	196	1083

STI cases reported by professions

Bantey Meanchey

Professions (new cases)	Age groups					Total
	<13	13-19	20-29	30-39	>40	
Men						
Military	0	0	0	3	1	4
Police	0	0	3	6	3	12
Customers	0	0	0	0	0	0
Deminer	0	0	0	2	3	5
Other Government officers	0	0	8	22	17	47
Students/Youths	0	2	3	0	0	5
Others	0	4	100	122	46	272
Total of new cases (men)	0	6	114	155	70	345
Women						
Direct FSWs	0	222	1015	11	0	1248
Indirect FSWs	0	55	223	37	9	324
Housewives	0	29	366	304	200	899
Students/Youths	0	4	2	6	3	15
Others	0	2	89	83	60	234
Total of new cases (men)	0	312	1695	441	272	2720
TOAL(men+women)	0	318	1809	596	342	3065

STI cases reported by professions

Battom Bang

Professions (new cases)	Age groups					Total
	<13	13-19	20-29	30-39	>40	
Men						
Military	0	0	3	6	11	20
Police	0	0	1	2	0	3
Customers	0	0	0	0	1	1
Deminer	0	0	0	0	0	0
Other Government officers	0	0	1	3	3	7
Students/Youths	2	3	13	17	7	42
Others	0	14	83	82	35	214
Total of new cases (men)	2	17	101	110	57	287
Women						
Direct FSWs	0	43	194	11	1	249
Indirect FSWs	0	13	107	5	1	126
Housewives	0	30	238	265	154	687
Students/Youths	0	1	0	0	0	1
Others	0	0	3	3	3	9
Total of new cases (men)	0	87	542	284	159	1072
TOAL(men+women)	2	104	643	394	216	1359

STI cases reported by professions

Kampong Cham

Professions (new cases)	Age groups					Total
	<13	13-19	20-29	30-39	>40	
Men						
Military	0	0	0	4	4	8
Police	0	0	0	5	7	12
Customers	0	0	1	0	4	5
Deminer	0	0	2	0	0	2
Other Government officers	0	0	1	13	8	22
Students/Youths	0	2	16	2	0	20
Others	0	2	66	65	56	189
Total of new cases (men)	0	4	86	89	79	258
Women						
Direct FSWs	0	190	569	51	5	815
Indirect FSWs	0	7	47	6	0	60
Housewives	0	4	69	80	50	203
Students/Youths	0	4	3	0	1	8
Others	0	9	51	86	41	187
Total of new cases (men)	0	214	739	223	97	1273
TOAL(men+women)	0	218	825	312	176	1531

STI cases reported by professions

Kampong Chhnang

Professions (new cases)	Age groups					Total
	<13	13-19	20-29	30-39	>40	
Men						
Military	0	0	11	18	6	35
Police	0	0	9	36	5	50
Customers	0	0	2	1	0	3
Deminer	0	0	0	0	0	0
Other Government officers	0	0	22	83	19	124
Students/Youths	0	0	12	1	0	13
Others	0	0	49	120	40	209
Total of new cases (men)	0	0	105	259	70	434
Women						
Direct FSWs	0	142	317	68	0	527
Indirect FSWs	0	69	172	3	1	245
Housewives	0	3	372	293	131	799
Students/Youths	0	2	4	0	0	6
Others	0	1	77	106	21	205
Total of new cases (men)	0	217	942	470	153	1782
TOAL(men+women)	0	217	1047	729	223	2216

STI cases reported by professions

Kandal

Professions (new cases)	Age groups					Total
	<13	13-19	20-29	30-39	>40	
Men						
Military	0	0	0	2	0	2
Police	0	0	1	2	0	3
Customers	0	0	0	0	0	0
Deminer	0	0	0	0	0	0
Other Government officers	0	0	1	2	0	3
Students/Youths	0	0	0	0	0	0
Others	0	0	10	37	17	64
Total of new cases (men)	0	0	12	43	17	72
Women						
Direct FSWs	0	91	198	14	0	303
Indirect FSWs	0	0	0	0	0	0
Housewives	0	2	110	149	91	352
Students/Youths	0	0	1	0	0	1
Others	0	2	39	12	6	59
Total of new cases (men)	0	95	348	175	97	715
TOAL(men+women)	0	95	360	218	114	787

STI cases reported by professions

Koh Kong

Professions (new cases)	Age groups					Total
	<13	13-19	20-29	30-39	>40	
Men						
Military	0	0	1	14	11	26
Police	0	0	0	20	5	25
Customers	0	0	0	0	0	0
Deminer	0	0	0	0	0	0
Other Government officers	0	0	1	12	8	21
Students/Youths	0	3	1	0	0	4
Others	0	1	73	160	52	286
Total of new cases (men)	0	4	76	206	76	362
Women						
Direct FSWs	0	0	1	0	0	1
Indirect FSWs	0	10	27	1	0	38
Housewives	0	13	295	330	153	791
Students/Youths	1	2	3	0	0	6
Others	0	6	12	23	20	61
Total of new cases (men)	1	31	338	354	173	897
TOAL(men+women)	1	35	414	560	249	1259

STI cases reported by professions

Kampong Speu

Professions (new cases)	Age groups					Total
	<13	13-19	20-29	30-39	>40	
Men						
Military	0	0	10	14	13	37
Police	0	0	3	14	8	25
Customers	0	0	0	0	0	0
Deminer	0	0	0	1	0	1
Other Government officers	0	2	7	9	6	24
Students/Youths	0	0	0	0	0	0
Others	0	2	21	57	10	90
Total of new cases (men)	0	4	41	95	37	177
Women						
Direct FSWs	0	5	47	36	5	93
Indirect FSWs	0	0	16	15	2	33
Housewives	0	31	455	554	314	1354
Students/Youths	0	0	0	0	0	0
Others	0	7	54	83	31	175
Total of new cases (men)	0	43	572	688	352	1655
TOAL(men+women)	0	47	613	783	389	1832

STI cases reported by professions

Kamport

Professions (new cases)	Age groups					Total
	<13	13-19	20-29	30-39	>40	
Men						
Military	0	0	0	1	0	1
Police	0	0	0	1	2	3
Customers	0	0	0	0	0	0
Deminer	0	0	0	0	0	0
Other Government officers	0	0	0	5	3	8
Students/Youths	0	0	1	0	0	1
Others	0	0	9	45	11	65
Total of new cases (men)	0	0	10	52	16	78
Women						
Direct FSWs	0	11	85	7	0	103
Indirect FSWs	0	4	38	9	0	51
Housewives	0	0	46	67	24	137
Students/Youths	0	0	0	0	0	0
Others	0	0	0	5	4	9
Total of new cases (men)	0	15	169	88	28	300
TOAL(men+women)	0	15	179	140	44	378

STI cases reported by professions

Kratei

Professions (new cases)	Age groups					Total
	<13	13-19	20-29	30-39	>40	
Men						
Military	0	0	4	4	1	9
Police	0	0	34	19	2	55
Customers	0	0	3	0	0	3
Deminer	0	0	0	1	1	2
Other Government officers	0	0	0	0	0	0
Students/Youths	0	0	0	0	0	0
Others	0	1	35	26	10	72
Total of new cases (men)	0	1	76	50	14	141
Women						
Direct FSWs	0	30	10	0	0	40
Indirect FSWs	0	1	5	0	0	6
Housewives	0	33	625	599	198	1455
Students/Youths	0	3	1	0	0	4
Others	0	0	20	8	8	36
Total of new cases (men)	0	67	661	607	206	1541
TOAL(men+women)	0	68	737	657	220	1682

STI cases reported by professions

Kampong Thom

Professions (new cases)	Age groups					Total
	<13	13-19	20-29	30-39	>40	
Men						
Military	0	0	0	10	23	33
Police	0	0	2	21	31	54
Customers	0	0	0	0	0	0
Deminer	0	0	0	0	0	0
Other Government officers	0	0	5	25	16	46
Students/Youths	0	2	2	0	0	4
Others	0	2	46	101	55	204
Total of new cases (men)	0	4	55	157	125	341
Women						
Direct FSWs	0	70	418	99	12	599
Indirect FSWs	0	14	114	23	9	160
Housewives	0	9	122	122	88	341
Students/Youths	0	11	14	0	0	25
Others	0	9	99	280	238	626
Total of new cases (men)	0	113	767	524	347	1751
TOAL(men+women)	0	117	822	681	472	2092

STI cases reported by professions

Pailin

Professions (new cases)	Age groups					Total
	<13	13-19	20-29	30-39	>40	
Men						
Military	0	1	45	75	62	183
Police	0	0	11	23	2	36
Customers	0	0	0	0	0	0
Deminer	0	0	6	5	1	12
Other Government officers	0	0	6	35	27	68
Students/Youths	0	0	2	0	0	2
Others	0	0	15	29	19	63
Total of new cases (men)	0	1	85	167	111	364
Women						
Direct FSWs	0	104	619	23	0	746
Indirect FSWs	0	14	121	52	1	188
Housewives	0	7	183	259	207	656
Students/Youths	0	0	0	0	0	0
Others	0	0	0	0	1	1
Total of new cases (men)	0	125	923	334	209	1591
TOAL(men+women)	0	126	1008	501	320	1955

STI cases reported by professions

Pursat

Professions (new cases)	Age groups					Total
	<13	13-19	20-29	30-39	>40	
Men						
Military	0	0	1	2	0	3
Police	0	0	0	0	0	0
Customers	0	0	0	0	0	0
Deminer	0	0	0	0	0	0
Other Government officers	0	0	0	0	0	0
Students/Youths	0	1	0	0	0	1
Others	0	0	2	3	6	11
Total of new cases (men)	0	1	3	5	6	15
Women						
Direct FSWs	0	21	39	0	0	60
Indirect FSWs	0	2	16	1	1	20
Housewives	0	0	7	20	14	41
Students/Youths	0	0	0	0	0	0
Others	0	4	7	0	0	11
Total of new cases (men)	0	27	69	21	15	132
TOAL(men+women)	0	28	72	26	21	147

STI cases reported by professions

Prey Veng

Professions (new cases)	Age groups					Total
	<13	13-19	20-29	30-39	>40	
Men						
Military	0	0	1	27	34	62
Police	0	0	1	25	30	56
Customers	0	0	0	0	0	0
Deminer	0	0	0	0	0	0
Other Government officers	0	0	2	9	3	14
Students/Youths	0	1	1	0	0	2
Others	0	5	34	81	19	139
Total of new cases (men)	0	6	39	142	86	273
Women						
Direct FSWs	0	29	174	17	1	221
Indirect FSWs	0	1	93	15	7	116
Housewives	0	16	287	413	148	864
Students/Youths	0	1	1	0	0	2
Others	0	0	6	7	1	14
Total of new cases (men)	0	47	561	452	157	1217
TOAL(men+women)	0	53	600	594	243	1490

STI cases reported by professions

Preah Vihea

Professions (new cases)	Age groups					Total
	<13	13-19	20-29	30-39	>40	
Men						
Military	0	0	11	44	20	75
Police	0	0	2	22	8	32
Customers	0	0	0	0	0	0
Deminer	0	0	0	0	2	2
Other Government officers	0	0	1	50	33	84
Students/Youths	0	0	0	0	0	0
Others	0	0	32	99	59	190
Total of new cases (men)	0	0	46	215	122	383
Women						
Direct FSWs	0	19	51	9	0	79
Indirect FSWs	0	0	0	0	0	0
Housewives	0	3	261	273	128	665
Students/Youths	0	0	0	0	0	0
Others	0	0	13	52	42	107
Total of new cases (men)	0	22	325	334	170	851
TOAL(men+women)	0	22	371	549	292	1234

STI cases reported by professions

Rattanak Kiri

Professions (new cases)	Age groups					Total
	<13	13-19	20-29	30-39	>40	
Men						
Military	0	0	0	0	0	0
Police	0	0	0	0	0	0
Customers	0	0	0	0	0	0
Deminer	0	0	0	0	0	0
Other Government officers	0	0	0	0	0	0
Students/Youths	0	0	0	0	0	0
Others	0	0	0	0	1	1
Total of new cases (men)	0	0	0	0	1	1
Women						
Direct FSWs	0	17	62	1	0	80
Indirect FSWs	0	0	0	0	0	0
Housewives	0	4	16	15	8	43
Students/Youths	0	0	0	0	0	0
Others	0	0	0	0	0	0
Total of new cases (men)	0	21	78	16	8	123
TOAL(men+women)	0	21	78	16	9	124

STI cases reported by professions

Sihanouk Ville

Professions (new cases)	Age groups					Total
	<13	13-19	20-29	30-39	>40	
Men						
Military	0	0	0	0	2	2
Police	0	0	0	3	0	3
Customers	0	0	0	0	0	0
Deminer	0	0	0	0	0	0
Other Government officers	0	0	0	1	1	2
Students/Youths	0	0	1	0	0	1
Others	0	0	10	20	11	41
Total of new cases (men)	0	0	11	24	14	49
Women						
Direct FSWs	0	55	226	13	0	294
Indirect FSWs	0	5	23	3	0	31
Housewives	0	0	5	12	8	25
Students/Youths	0	0	0	0	0	0
Others	0	0	0	0	0	0
Total of new cases (men)	0	60	254	28	8	350
TOAL(men+women)	0	60	265	52	22	399

STI cases reported by professions

Siam Reap

Professions (new cases)	Age groups					Total
	<13	13-19	20-29	30-39	>40	
Men						
Military	0	0	0	0	0	0
Police	0	0	0	0	0	0
Customers	0	0	0	0	0	0
Deminer	0	0	0	0	0	0
Other Government officers	0	0	0	0	0	0
Students/Youths	0	0	0	0	0	0
Others	0	0	0	0	0	0
Total of new cases (men)	0	0	0	0	0	0
Women						
Direct FSWs	0	713	1080	81	2	1876
Indirect FSWs	0	2	17	0	0	19
Housewives	0	0	0	0	0	0
Students/Youths	0	0	0	0	0	0
Others	0	0	0	0	0	0
Total of new cases (men)	0	715	1097	81	2	1895
TOAL(men+women)	0	715	1097	81	2	1895

STI cases reported by professions

Streung Treng

Professions (new cases)	Age groups					Total
	<13	13-19	20-29	30-39	>40	
Men						
Military	0	0	0	3	1	4
Police	0	0	0	0	0	0
Customers	0	0	0	0	0	0
Deminer	0	0	0	0	0	0
Other Government officers	0	0	0	0	0	0
Students/Youths	0	0	0	0	0	0
Others	0	0	3	5	7	15
Total of new cases (men)	0	0	3	8	8	19
Women						
Direct FSWs	0	45	124	17	0	186
Indirect FSWs	0	0	0	0	0	0
Housewives	0	3	43	44	24	114
Students/Youths	0	0	0	0	0	0
Others	0	0	0	0	0	0
Total of new cases (men)	0	48	167	61	24	300
TOAL(men+women)	0	48	170	69	32	319

STI cases reported by professions

Svay Reng

Professions (new cases)	Age groups					Total
	<13	13-19	20-29	30-39	>40	
Men						
Military	0	0	6	4	1	11
Police	0	0	2	6	1	9
Customers	0	0	0	0	0	0
Deminer	0	0	0	0	0	0
Other Government officers	0	0	3	5	3	11
Students/Youths	0	3	7	0	0	10
Others	0	0	13	28	8	49
Total of new cases (men)	0	3	31	43	13	90
Women						
Direct FSWs	0	80	159	62	1	302
Indirect FSWs	0	26	56	12	0	94
Housewives	0	7	76	120	25	228
Students/Youths	0	2	16	20	4	42
Others	0	0	0	0	0	0
Total of new cases (men)	0	115	307	214	30	666
TOAL(men+women)	0	118	338	257	43	756

STI cases reported by professions

Takeo

Professions (new cases)	Age groups					Total
	<13	13-19	20-29	30-39	>40	
Men						
Military	0	0	0	0	0	0
Police	0	0	0	0	0	0
Customers	0	0	0	0	0	0
Deminer	0	0	0	0	0	0
Other Government officers	0	0	0	0	0	0
Students/Youths	0	0	0	0	0	0
Others	0	0	6	18	26	50
Total of new cases (men)	0	0	6	18	26	50
Women						
Direct FSWs	0	108	357	79	2	546
Indirect FSWs	0	259	569	47	0	875
Housewives	0	11	106	172	108	397
Students/Youths	0	0	0	0	0	0
Others	0	0	0	0	0	0
Total of new cases (men)	0	378	1032	298	110	1818
TOAL(men+women)	0	378	1038	316	136	1868

Number of Brothel Based Sex Workers, February-1996

No	City/Province	No. of District	No. of District Surveyed	No. of Brothel	No. of CSWs
1	Phnom Penh	7	6	287	774
2	Kandal	11	2	187	124
3	Kampong Cham	16	14	27	195
4	Svay Rieng	7	2	16	73
5	Prey Veng	12	10	38	131
6	Takeo	10	3	14	121
7	Kampong Thom	8	2	5	105
8	Siem Reap	14	3	38	182
9	Battam Bang	8	4	63	230
10	Bantey Meanchey	8	8	84	500
11	Pursat	5		23	161
12	Kampong Chnang	8	5	42	240
13	Sihanouk Ville	3	3	97	395
14	Kampot	8	2	23	200
15	Kep	2	2	0	0
16	Koh Kong	7	2	13	84
17	Kampong Speu	8	3	39	153
18	Preah Vihea	7	2	9	41
19	Stung Treng	5	1	17	71
20	Rattanak Kiri	9	1	14	70
21	Mondul Kiri	6		0	6
22	Kratie	6		29	89
	Total			1065	3945

Source: Report From All Provincial AIDS Office/National AIDS Office

Reported number of brothels and FSWs in Cambodia- 1997

No.	Provinces	Brothels	FSWs		Total
			Khmer	Vietnam	
1	Sihanouk Ville	81	395	56	451
2	Kg-Cham	80	302	80	382
3	Koh Kong	79	285	93	378
4	Kratie	35	129	15	144
5	Rattanakiri	11	40	15	55
6	Kg-Chhnang	38	70	157	227
7	Battambang	55	195	7	202
8	Takeo	14	102	20	122
9	Stung Treng	21	53	14	67
10	Kg-Speu	32	131	9	140
11	Kandal	41	275	21	296
12	Pursat	25	116	35	151
13	Prey Veng	37	75	79	154
14	Kampot	9	66	7	73
15	Svay Rieng	15	42	22	64
16	Kg-Thom	23	107	0	107
17	Banteay Meanchey	102	519	43	562
18	Siem Reap	23	189	34	223
19	Mondulkiri	1	6	0	6
20	Kep	1	7	0	7
21	Preah Vihear	5	29	2	31
22	Phnom Penh		2160		3842
	Total	728			6002

Source: IEC Unit/Dr.Ven Ratanak

Reported number of IDFSWs in Cambodia- 1997

No.	Province	IDFSWs
1	Sihanouk Ville	262
2	Kg-Cham	295
3	Koh Kong	109
4	Kratie	81
5	Rattanakiri	39
6	Kg-Chnnang	115
7	Battambang	264
8	Takeo	139
9	Stung Treng	57
10	Kg-Speu	53
11	Kandal	46
12	Pursat	73
13	Prey Veng	72
14	Kampot	73
15	Svay Rieng	52
16	Kg-Thom	123
17	Banteay Meancehy	160
18	Siem Reap	516
19	Mondulkiri	0
20	Kep	0
21	Preah Vihear	0
22	Phnom Penh	2780
	Total	5309

Source: IEC Unit/Dr.Ven Ratanak

Reported Number of DCSWs in 22 provinces in 1998

No	Cities/Provinces	Brothels	Number of DCSWs		Total
			Cambodian	Vietnamese	
1	Svay Rieng	17	76 p	17 p	93 p
2	Kompong Thom	19	92 p		92 p
3	Ratanakiri	11	40 p	15 p	55 p
4	Pusat	24	137 p	47 p	184 p
5	Kampong Chhang	38	70 p	157 p	227 p
6	Koh Kong	79	285 p	93 p	378 p
7	Kampong Cham	80	302 p	80 p	382 p
8	kampot	12	74 p	8 p	82 p
9	Sihanouk vile	81	395 p	64 p	459 p
10	Prey Veng	40	111 p	41 p	152 p
11	Krong Keb	1	3 p		3 p
12	Kampong Speu	29	101 p	5 p	106 p
13	Bantey Meanchey	121	743 p	53 p	796 p
14	Siem Reap	23	105 p	93 p	198 p
15	Kratie	35	129 p	15 p	144 p
16	Kandal	41	275 p	21 p	296 p
17	Mondulkiri	2	16 p		16 p
18	Stung Streng	14	59 p	14 p	73 p
19	Battambang	55	195 p	7 p	202 p
20	Takeo	14	104 p	28 p	132 p
21	Preah Vihea	5	45 p		45 p
22	Phnom Penh	559	1085 p	1035 p	2120 p
Total		1300	4442 p	1793 p	6235 p

Source: Dr.Ven Ratanak/IEC Unit- October 25, 1998

Reported Number of IDCSWs in 22 Provinces in 1998

No	Provinces	Beer girl	Bar girl	Karaoke	Massage girl	Total
1	Svay Rieng	36 p	25 p		20 p	81 p
2	Kompong Thom	46 p	35 p			81 p
3	Ratanakiri	33 p	6 p			39 p
4	Pusat	34 p	39 p			73 p
5	Kampong Chhang	52 p	38 p			90 p
6	Koh Kong	39 p	63 p		17 p	119 p
7	Kampong Cham	265 p	30 p		3 p	295 p
8	kampot	43 p	30 p			181 p
9	Sihanouk vile	137 p	185 p	84 p		406 p
10	Prey Veng	96 p				96 p
11	Krong Keb	0	0	0	0	0
12	Kampong Speu	20 p				20 p
13	Bantey Meanchey	23 p	71 p			126 p
14	Siem Reap	118 p	105 p			629 p
15	Kratie	62 p	19 p	16 p	4 p	149 p
16	Kandal	46 p				46 p
17	Mondulkiri	0	0	4 p		4 p
18	Stung Streng	32 p	10 p	11 p		73 p
19	Battambang	169 p	35 p		26 p	300 p
20	Takeo	54 p				54 p
21	Preah Vihea	0	0	0	0	0
22	Phnom Penh	645 p	806 p	530 p	490 p	3257 p
	Total	1950 p	1497 p	645 p	560 p	6119 p

Source: Dr.Ven Ratanak/IEC Unit, October 25, 1998

Numbers of DFSW reported to PAOs in all provinces, 2000

No.	Province	Brothels	
		No.	Worker
1	Battambang	56	356
2	Pursat	17	150
3	Kampong Chhnang	22	134
4	Banteay Meanchey	55	250
5	Kampong Speu	39	143
6	Keb	0	0
7	Kampot	14	62
8	Sihanouk Ville	89	508
9	Svay Rieng	11	61
10	Prey Veng	39	175
11	Kratie	30	98
12	Steung Treng	11	39
13	Rattanak Kiri	11	51
14	Mondul Kiri	2	10
15	Kampong Thom	14	43
16	Kampong Cham	46	213
17	Takeo	16	105
18	Preas Vihea	14	51
19	Koh Kong	42	201
20	Phnom Penh	153	751
21	Pailin	15	127
22	Siem Reap	28	194
23	Kandal	33	150
	Total	757	3872

Numbers of IDFSW reported to PAOs in all provinces, 2000

No.	Province	Beer Company		Bar		Karaoke		Massage		Freelance		Total
		No.	Worker	No.	Worker	No.	Worker	No.	Worker	No.	Worker	
1	Battambang	5	168	3	128	10	98	3	18	1	12	424
2	Pursat	2	27	0	15	4	37	0	0	1	15	94
3	Kampong Chhnang	3	23	0	0	8	24	0	0	0	0	47
4	Banteay Meanchey	3	42	4	168	20	120	11	18	10	50	398
5	Kampong Speu	2	21	0	0	6	14	0	0	0	0	35
6	Keb	0	0	0	0	4	1	0	0	0	0	1
7	Kampot	6	54	1	12	1	4	1	3	0	0	73
8	Sihanouk Ville	5	91	2	39	11	75	5	26	2	12	243
9	Svay Rieng	2	17	2	8	9	28	1	8	0	0	61
10	Prey Veng	5	20	0	9	5	36	0	0	0	0	65
11	Kratie	4	42	0	0	15	12	3	5	0	0	59
12	Steung Treng	3	18	1	9	9	12	0	0	0	0	39
13	Rattanak Kiri	4	37	2	6	4	0	4	4	0	0	47
14	Mondul Kiri	0	0	0	0	5	15	0	0	0	0	15
15	Kampong Thom	5	54	1	25	2	10	0	0	0	0	89
16	Kampong Cham	5	203	2	30	60	130	0	0	0	0	363
17	Takeo	7	72	3	35	8	28	0	0	0	0	135
18	Preas Vihea	3	25	0	0	7	29	0	0	0	0	54
19	Koh Kong	5	16	1	35	124	226	14	17	0	0	294
20	Phnom Penh	8	1680	17	364	170	1300	72	502	1	40	3886
21	Pailin	1	8	2	4	17	39	4	16	0	20	87
22	Siem Reap	10	112	4	150	5	49	4	72	0	0	383
23	Kandal	2	58	1	0	6	54	0	0	0	0	112
	Total	90	2788	46	1037	510	2341	122	689	15	149	7004

Number of DFSW reported to PAOs in all provinces: Quarter 2, 2002

Code	Province	Brothel	Kh brothel	Vn brothel	Total FSW	Kh FSW	Vn FSW
1	Batey Meanchey	61			318		
2	Battambang	77			340		
3	Kg-Cham	34			148		
4	Kg-Chnnang	16			97		
5	Kg-Speu	37			154		
6	Kg-Thom	34			109		
7	Kampot	15			95		
8	Kandal	33			184		
9	Kohkong				116		
10	Kratie	37			105		
11	Pailin	16			132		
12	Phnom Penh	200			1244		
13	Prey Veng				119		
14	Pursat	22			74		
15	Rattanakiri	11			32		
16	Siem Reap	20			222		
17	Sihanouk Ville	65			484		
18	Stung Treng	24			56		
19	Svay Rieng	13			46		
20	Takeo				100		
21	Preah Vihea	17			60		
22	Mondul Kiri	6			18		
23	Oudomeanchey	29			150		
24	Kep						
	Total	767			4403		

Number of IDFSW reported to PAOs in all provinces, 2002

Code	Province	Beer comp		Restaurant		Massage		Karaoke worker		Total
		No.	Worker	No.	Worker	No.	Worker	No.	Worker	
1	Batey Meanchey	4	54			2	15	17	204	273
2	Battambang	5	117							117
3	Kg-Cham	7	135							135
4	Kg-Chnnang	2	23	12	54					77
5	Kg-Speu	2	20	3	21					41
6	Kg-Thom	7	20							20
7	Kampot	4	50					7	10	60
8	Kandal									74
9	Kohkong	1	6					22	88	94
10	Kratie		50		40					90
11	Pailin	15	152							152
12	Phnom Penh	18	1443			61	702			2145
13	Prey Veng*		31			3	71			102
14	Pursat	3	31	8	40					71
15	Rattanakiri		16				7		4	27
16	Siem Reap	7	108	11	149					257
17	Sihanouk Ville	4	103	11	228					331
18	Stung Treng		20							20
19	Svay Rieng	2	15					2	37	52
20	Takeo	4	42							42
21	Preah Vihea		18					12		18
22	Mondul Kiri									0
23	Odor Meanchey		25				5			30
24	Kep									
	Total	85	2479	45	532	66	800		343	4350

Numbers of DFSW reported to PAOs, 2003

No	Province/Municipal	Brothel	
		No	Worker
1	Battambang	29	157
2	Bantey Meanchey	57	391
3	Kampong Cham	58	257
4	Kampong Chnang	25	112
5	Kampong Pseu	35	136
6	Kampong Thom	34	78
7	Kampot	14	83
8	Kandal	40	130
9	Koh Kong	13	107
10	Kratie	25	31
11	Kep	0	0
12	Mondul Kiri	9	28
13	Odor Meanchey	27	156
14	Pailin	14	128
15	Phnom Penh	200	752
16	Preah Vihea	17	75
17	Prey Veng	26	154
18	Pursat	12	75
19	Rattanak Kiri	7	37
20	Siem Reap	26	221
21	Sihanouk Ville	56	388
22	Stung Treng	20	61
23	Svay Rieng	20	64
24	Takeo	24	143
Total		788	3764

Surveillance Unit, BCC Unit, NCHADS

Numbers of IDFSW reported to PAOs in all provinces, 2003

No	Province	Beer Comp		Beer Garden		Karaoke		Massage	
		No	Worker	No	Worker	No	Worker	No	Worker
1	Battambang	5	98	6	8	49	421	2	20
2	Bantey Meanchey	4	57	1	0	23	331	0	0
3	Kampong Cham	9	144	0	0	44	307	2	40
4	Kampong Chnang	2	26	0	0	11	52	0	0
5	Kampong Pseu	2	25	3	16	0	0	0	0
6	Kampong Thom	7	53	3	24	10	43	0	0
7	Kampot	5	46	0	0	6	34	1	2
8	Kandal	2	97	4	76	0	0	2	6
9	Koh Kong	3	9	9	25	62	183	7	14
10	Kratie	4	21	0	0	18	30	0	0
11	Kep	0	0	0	0	1	2	0	0
12	Mondul Kiri	0	0	0	0	6	19	0	0
13	Odor Meanchey	2	10	1	5	25	76	0	0
14	Pailin	1	9	1	17	8	52	3	10
15	Phnom Penh	7	2262	115	492	0	0	45	511
16	Preah Vihea	2	14	0	0	0	0	0	0
17	Prey Veng	23	72	5	0	0	0	0	0
18	Pursat	2	26	0	0	5	44	0	0
19	Rattanak Kiri	2	16	9	9	16	1	0	0
20	Siem Reap	9	203	8	73	8	145	8	165
21	Sihanouk Ville	5	107	3	68	10	224	3	23
22	Stung Treng	3	8	0	0	3	0	0	0
23	Svay Rieng	2	10	0	0	7	32	0	0
24	Takeo	3	38			32	98		
Total		104	3351	168	813	344	2094	73	791

Grand total 7738

Number of IDFSW reported to PAOs in all provinces, Quarter 3, 2004

No.	Province	Brothel	
		No.	Worker
1	Phnom Penh	339	1641
2	Kampong Cham	57	245
3	Battambang *	72	464
4	Sihanouk Ville	40	199
5	Siem Reap	37	286
6	Kandal	38	118
7	Takeo	24	96
8	Prey Veng	32	117
9	Svay Rieng	15	56
10	Kampong Chhnang	25	104
11	Pursat	11	64
12	Kompong Thom	32	61
13	Tsung Treng	23	53
14	Bantey Meanchey	41	238
15	Koh Kong	22	118
16	Kampot	15	66
17	Preah Vihear	18	70
18	Ratanakiri	7	37
19	Mondulkiri	9	52
20	Kratie	22	57
21	Keb	0	0
22	Kampong Speu	34	97
23	Odor Meanchey	35	168
24	Pailin	12	97
Total		960	4504

* Battambang, freelance sex workers were included

Source: Surveillance Unit, BCC Unit, NCHADS

Number of IDFSW reported to PAOs in all provinces, Quarter 3, 2004

No.	Province	Beer companies		Karaoke		Massage		Beer Garden		Total
		No.	Worker	No.	Worker	No.	Worker	No.	Worker	
1	Phnom Penh	7	2356	0	0	66	363	115	352	3071
2	Kampong Cham	8	137	49	395	2	10	0	0	542
3	Battambang *	4	99	44	328	2	15	5	30	472
4	Sihanouk Ville	5	118	30	298	8	23	0	0	439
5	Siem Reap	8	198	40	511	0	0	0	0	709
6	Kandal	2	33	6	72	3	5	0	0	110
7	Takeo	3	18	37	110	0	0	0	0	128
8	Prey Veng	0	0	0	0	0	0	3	16	16
9	Svay Rieng	2	12	20	82	0	0	0	0	94
10	Kampong Chhnang	2	26	11	51	0	0	0	0	77
11	Pursat	2	27	6	46	0	0	0	0	73
12	Kompong Thom	3	38	26	85	0	0	3	8	131
13	Tsung Treng	3	13	0	0	0	0	0	0	13
14	Bantey Meanchey	4	30	12	317	0	0	0	0	347
15	Koh Kong	4	14	41	172	0	0	0	0	186
16	Kampot	7	59	6	31	1	1	0	0	91
17	Preah Vihear	3	19	2	2	0	0	0	0	21
18	Ratanakiri	5	26	0	0	0	0	0	0	26
19	Mondulhiri	0	0	2	10	0	0	0	0	10
20	Kratie	4	21	20	62	0	0	0	0	83
21	Keb	0	0	0	0	0	0	0	0	0
22	Kampong Speu	2	19	0	0	0	0	0	0	19
23	Odor Meanchey	1	2	13	78	0	0	0	0	80
24	Pailin	0	0	13	99	3	9			108
Total		79	3265	378	2749	85	426	126	406	6846

Source: Surveillance UNit, BCC Unit, NCHADS

STI Case Report form Standard Medical History (SMH) Database for Sex Workers

Date of the case report: January to December, 2004

1. General information

Total number of sex workers with STD checked up at the Special STD clinics extracted SMH data

	Freq	%
First consultation	5,160	22.6
> 1 consultations	17,699	77.4
	22,859	100.0

Total consultation by partner project

	Freq	%
Province supported by FHI	14,536	63.6
Province supported by ADB	4,123	18.0
Province supported by ITM/EU	3,424	15.0
Province supported by CDC	776	3.4
	22,859	100.0

First consultation by partner project

	Freq	%
Province supported by FHI	3,444	66.7
Province supported by ADB	801	15.5
Province supported by ITM/EU	764	14.8
Province supported by CDC	151	2.9
	5,160	100.0

STD first consultation in the provinces supported by FHI

No.	Freq	%
1 Kampong Cham	228	4.9
2 Kampong Chhnang	214	4.6
3 Kampong Speu	208	4.4
4 Kampong Thom	216	4.6
5 Kampot	123	2.6
6 Kandal	315	6.7
7 Kratie	66	1.4
8 Pailin	205	4.4
9 Preah Vihear	70	1.5
10 Pursat	119	2.5
11 Siem Reap	469	10.0

12 Takeo	475	10.1
13 Phnom Penh*	736	15.7
14 Bantey MeanChey	151	3.2
15 Battambang	322	6.9
16 Koh Kong	151	3.2
17 Prey Veng	279	6.0
18 Svay Rieng	49	1.0
19 Sihanouk Ville	289	6.2
	4,685	100.0

* Phnom Penh including Toul Svay Prey Clinics

STD first consultation in the provinces supported by ADB

	Freq	%
Koh Kong	151	18.9
Prey Veng	279	34.8
Svay Rieng	49	6.1
Battambang	322	40.2
	801	100.0

STD first consultation in the provinces supported by ITM/ EU

	Freq	%
Phnom Penh	475	62.2
Sihanouk Ville	289	37.8
	764	100.0

* Phnom Penh here is based on the Tuol Kok Clinic

STD first consultation in the provinces supported by CDC

	Freq	%
Bantey Meanchey	475	100.0
	475	100.0

* Bantey Meanchey here is based on the Serey Sophonn STD Clinic

Age groups	First consultation	
	Freq	%
< 20	1,061	20.6
20-24	2,420	46.9
25-29	1,157	22.4
> 29	521	10.1
	5,159	100.0

Knowledge to avoid pregnancy

	First consultation		Total consultation	
	Freq	%	Freq	%
Condom only	4,782	92.7	4,786	20.9
Use pill	48	0.9	48	0.2
Injection	15	0.3	15	0.1
IUD	3	0.1	3	0.0
No contraceptive method	257	5.0	257	1.1
No information	55	1.1	17,768	77.7
	5,160	100.0	22,877	100

Ever have had abortion

	First consultation	
	Freq	%
Never abortion	3,935	76.5
>= 1 abortion	1,210	23.5
	5,145	100.0

Frequency of abortion (among those who ever have had abortion: n= 1210)

	First consultation	
	Freq	%
One time	768	63.5
Two times	254	21.0
Three times	101	8.3
Four times	44	3.6
Five times	22	1.8
More than five times	21	1.7
Total	1,210	100.0

2. Reasons for consulting and health seeking behavior

	First consultation n = 5,160		Total consultation n = 22,877	
	Freq	%	Freq	%
Vaginal discharge	2,220	43.0	6,519	28.5
Itching	891	17.3	2,587	11.3
Dysuria	269	5.2	705	3.1
Genital wart	20	0.4	94	0.4
Genital ulcer	16	0.3	57	0.3

Inguinal bulbo	22	0.4	69	0.3
Low abdominal pain	811	15.7	1,876	8.2
Pain during sex	798	15.5	2,004	8.8
No symptom	2,442	47.3	14,433	63.1

3. Risk assessment for cervitis

(if answer is yes to 2 or more questions, treat for cervicitis)

	First consultation n = 5,160		Total consultation n = 22,877	
	Freq	%	Freq	%
Complaint of yellow thickness	625	12.1	1,252	5.5
Lowabdominal pain during intercourse	614	11.9	1,607	7.0
More than 5 clients per day	122	2.4	866	3.8
Unprotected with new clients	161	3.1	470	2.1

4. Clinical examination

a. External genital examination

	First consultation n = 5,160		Total consultation n = 22,877	
	Freq	%	Freq	%
Ulceration	16	0.3	68	0.3
Adenopathies	17	0.3	64	0.3
Bubo	31	0.6	98	0.4
Genital warts	28	0.5	157	0.7
Normal	4,073	78.9	19,141	83.7

b. Speculum examination

	First examination n = 4843		Total examination n = 21612	
	Freq	%	Freq	%
Discharge	3,451	71.3	12,624	58.4
Genital warts	16	0.3	73	0.3
Geniatal ulcer	14	0.3	46	0.2
Erosion	267	5.5	700	3.2
Bleeding cervix	115	2.4	258	1.2
Cervical pus	1,122	23.2	2,408	11.1
Nabothian cyst	13	0.3	35	0.2

Type of discharge (only among those with discharge by examination)

	First examination n=3451		Total examination n = 12624	
	Freq	%	Freq	%
Normal	872	25.3	5,149	40.8
Yellowish/ mucopurulent	818	23.7	1,911	15.1
Frothy, greenish	221	6.4	678	5.4
Curd- like	547	15.9	1,627	12.9
Eau-de-riz	1,108	32.1	2,669	21.1
Unspecified	110	3.2	373	3.0

C. Deep pain on bimanual palpation

	First consultation n= 5160		Total consultation n=22875	
	Freq	%	Freq	%
Yes	561	10.9	1,014	4.4
No	4,298	83.3	20,749	90.7

5. Laboratory testing

RPR testing (this is only for the first consultation visit)

	First consultation n=5155		Total consultation n=22862	
	Freq	%	Freq	%
Positive	15	0.3	20	0.1
Negative	881	17.1	887	3.9

Microscopic examination of vaginal smear (only among those with smear examination)

	First consultation n=5160		Total consultation n=22874	
	Freq	%	Freq	%
Normal	306	5.9	924	4
Trichomonas	159	3.1	300	1.3
Candida	175	3.4	499	2.2
Clue cells	300	5.8	843	3.7
Tv+Ca	21	0.4	43	0.2
Tv+Clue cells	6	0.1	18	0.1

Microscopic examination of cervical smear (only among those with smear examination)

	First consultation n= 5160		Total consultation n=22877	
	Freq	%	Freq	%
0-10 WBC/HPF (normal)	143	2.8	605	2.6

11-20 WBC/HPF	108	2.1	498	2.2
>20 WBC/HPF	67	1.3	170	0.7

6. Diagnosis

	First consultation n=5160		Total consultation n=22877	
	Freq	%	Freq	%
Vaginitis candidasis	910	17.6	2,622	11.5
Vaginitis TV/BV	1,625	31.5	4,119	18.0
Cervicits	1,744	33.8	3,898	17.0
PID	51	1.0	158	0.7
Genital Ulcer	26	0.5	84	0.4
Genital warts	35	0.7	170	0.7
LGV	2	0.0	8	0.0
Syphilis (with RPR positive)	19	0.4	25	0.1

7. Treatment

	First consultation n=5160		Total consultation n=22877	
	Freq	%	Freq	%
Cefixime	1,349	26.1	3,050	13.3
Ceftriaxone	307	5.9	612	2.7
Spectinomycine	348	6.7	348	1.5
Ciprofloxacine	23	0.4	61	0.3
Cotrimoxazole	9	0.2	41	0.2
Benzathine Peni	19	0.4	38	0.2
Erythromycine	637	12.3	637	2.8
Doxycycline	2,664	51.6	2,664	11.6
Azithromycine	795	15.4	795	3.5
Metronidazol	1,683	32.6	4,335	18.9
Nystatine	191	3.7	515	2.3
Clotrimazole	757	14.7	2,271	9.9
Miconazole	73	1.4	127	0.6
Violet Gentiane	2	0.04	11	0.05
Acyclovir	3	0.1	14	0.1
Podophylline	13	0.3	63	0.3
Electrocauterisation	8	0.2	50	0.2