

Guyana

EPIDEMIOLOGICAL FACT SHEETS ON HIV/AIDS AND SEXUALLY TRANSMITTED INFECTIONS









HIV/AIDS estimates

In 2003 and during the first quarter of 2004, UNAIDS and WHO worked closely with national governments and research institutions to recalculate current estimates on people living with HIV/AIDS. These calculations are based on the previously published estimates for 1999 and 2001 and recent trends in HIV/AIDS surveillance in various populations. A methodology developed in collaboration with an international group of experts was used to calculate the new estimates on prevalence and incidence of HIV and AIDS deaths, as well as the number of children infected through mother-to-child transmission of HIV. Different approaches were used to estimate HIV prevalence in countries with low-level, concentrated or generalised epidemics. The current estimates do not claim to be an exact count of infections. Rather, they use a methodology that has thus far proved accurate in producing estimates that give a good indication of the magnitude of the epidemic in individual countries. However, these estimates are constantly being revised as countries improve their surveillance systems and collect more information.

Adults in this report are defined as women and men aged 15 to 49. This age range covers people in their most sexually active years. While the risk of HIV infection obviously continues beyond the age of 50, the vast majority of those who engage in substantial risk behaviours are likely to be infected by this age. The 15 to 49 range was used as the denominator in calculating adult HIV prevalence.

Estimated number of adults and children living with HIV/AIDS, end of 2003

These estimates include all people with HIV infection, whether or not they have developed symptoms of AIDS, alive at the end of 2003:

Adult rate (%)

Low estimate High estimate

Adults and children	11,000
Low estimate	3,500
High estimate	35,000
Adults (15-49)	11,000
Low estimate	3,300
High estimate	33,000
Children (0-15)	600
Low estimate	200
High estimate	2,000
Women (15-49)	6,100
Low estimate	1,900
High estimate	19,000

Estimated number of deaths due to AIDS

Estimated number of adults and children who died of AIDS during 2003:

Deaths in 2003	1,100
Low estimate	500
High estimate	2 600

Estimated number of orphans

Estimated number of children who have lost their mother or father or both parents to AIDS and who were alive and under age 17 at the end of 2003:

Current living orphans

Low estimate High estimate

UNAIDS/WHO Working Group on Global HIV/AIDS and STI Surveillance

Global Surveillance of HIV/AIDS and sexually transmitted infections (STIs) is a joint effort of WHO and UNAIDS. The UNAIDS/WHO Working Group on Global HIV/AIDS and STI Surveillance, initiated in November 1996, guides respective activities. The primary objective of the Working Group is to strengthen national, regional and global structures and networks for improved monitoring and surveillance of HIV/AIDS and STIs. For this purpose, the Working Group collaborates closely with national AIDS programmes and a number of national and international experts and institutions. The goal of this collaboration is to compile the best information available and to improve the quality of data needed for informed decision-making and planning at national, regional, and global levels. The Epidemiological Fact Sheets are one of the products of this close and fruitful collaboration across the globe.

Within this framework, the Fact Sheets collate the most recent country-specific data on HIV/AIDS prevalence and incidence, together with information on behaviours (e.g. casual sex and condom use) which can spur or stem the transmission of HIV.

Not unexpectedly, information on all of the agreed upon indicators was not available for many countries in 2003. However, these updated Fact Sheets do contain a wealth of information which allows identification of strengths in currently existing programmes and comparisons between countries and regions. The Fact Sheets may also be instrumental in identifying potential partners when planning and implementing improved surveillance systems.

The fact sheets can be only as good as information made available to the UNAIDS/WHO Working Group on Global HIV/AIDS and STI Surveillance. Therefore, the Working Group would like to encourage all programme managers as well as national and international experts to communicate additional information to them whenever such information becomes available. The Working Group also welcomes any suggestions for additional indicators or information proven to be useful in national or international decision-making and planning.

Assessment of the epidemiological situation 2004

HIV prevalence among antenatal women tested in Guyana ranged from 4 to 7 percent between 1992 and 1997.

HIV prevalence among sex workers increased from no evidence of HIV infection in 1987-88 to 25 percent of sex workers tested in 1990. By 1997, 44 percent of sex workers tested in Georgetown were HIV positive.

2.5 0.8 7.7

In 1997, 25 percent of male STD clinic patients and 18 percent of female STD clinic patients tested in Georgetown were HIV positive.

Basic indicators

For consistency reasons the data used in the table below are taken from official UN publications.

DEMOGRAPHIC DATA	YEAR	ESTIMATE	SOURCE
Total population (thousands)	2004	767	UN population division database
Female population aged 15-24 (thousands)	2004	74	UN population division database
Population aged 15-49 (thousands)	2004	433	UN population division database
Annual population growth rate (%)	1992-2002	0.4	UN population division database
% of population in urban areas	2003	37.4	UN population division database
Average annual growth rate of urban population	2000-2005	1.4	UN population division database
Crude birth rate (births per 1,000 pop.)	2004	21.2	UN population division database
Crude death rate (deaths per 1,000 pop.)	2004	9.1	UN population division database
Maternal mortality rate (per 100,000 live births)	2000	170	WHO (WHR2004)/UNICEF
Life expectancy at birth (years)	2002	64.3	World Health Report 2004, WHO
Total fertility rate	2002	2.3	World Health Report 2004, WHO
Infant mortality rate (per 1,000 live births)	2000	45	World Health Report 2004, WHO
Under 5 mortality rate (per 1,000 live births)	2000	58	World Health Report 2004, WHO
SOCIO-ECONOMIC DATA	YEAR	ESTIMATE	SOURCE
SOCIO-ECONOMIC DATA Gross national income, ppp, per capita (Int.\$)	YEAR 2002	ESTIMATE 3,780	SOURCE World Bank
Gross national income, ppp, per capita (Int.\$)	2002	3,780	World Bank
Gross national income, ppp, per capita (Int.\$) Gross domestic product, per capita % growth	2002 2001-2002	3,780 -0.4	World Bank World Bank
Gross national income, ppp, per capita (Int.\$) Gross domestic product, per capita % growth Per capita total expenditure on health (Int.\$) General government expenditure on health as %	2002 2001-2002 2001	3,780 -0.4 215	World Bank World Bank World Health Report 2004, WHO
Gross national income, ppp, per capita (Int.\$) Gross domestic product, per capita % growth Per capita total expenditure on health (Int.\$) General government expenditure on health as % of total expenditure on health	2002 2001-2002 2001 2001	3,780 -0.4 215 79.9	World Bank World Bank World Health Report 2004, WHO World Health Report 2004, WHO
Gross national income, ppp, per capita (Int.\$) Gross domestic product, per capita % growth Per capita total expenditure on health (Int.\$) General government expenditure on health as % of total expenditure on health Total adult illiteracy rate	2002 2001-2002 2001 2001 2000	3,780 -0.4 215 79.9 1.5	World Bank World Bank World Health Report 2004, WHO World Health Report 2004, WHO UNESCO
Gross national income, ppp, per capita (Int.\$) Gross domestic product, per capita % growth Per capita total expenditure on health (Int.\$) General government expenditure on health as % of total expenditure on health Total adult illiteracy rate Adult male illiteracy rate	2002 2001-2002 2001 2001 2000 2000	3,780 -0.4 215 79.9 1.5 1.1	World Bank World Bank World Health Report 2004, WHO World Health Report 2004, WHO UNESCO UNESCO
Gross national income, ppp, per capita (Int.\$) Gross domestic product, per capita % growth Per capita total expenditure on health (Int.\$) General government expenditure on health as % of total expenditure on health Total adult illiteracy rate Adult male illiteracy rate Adult female illiteracy rate	2002 2001-2002 2001 2001 2000 2000 2000	3,780 -0.4 215 79.9 1.5 1.1	World Bank World Bank World Health Report 2004, WHO World Health Report 2004, WHO UNESCO UNESCO UNESCO
Gross national income, ppp, per capita (Int.\$) Gross domestic product, per capita % growth Per capita total expenditure on health (Int.\$) General government expenditure on health as % of total expenditure on health Total adult illiteracy rate Adult male illiteracy rate Adult female illiteracy rate Gross primary school enrolment ratio, male	2002 2001-2002 2001 2001 2000 2000 2000	3,780 -0.4 215 79.9 1.5 1.1 1.9 not available	World Bank World Bank World Health Report 2004, WHO World Health Report 2004, WHO UNESCO UNESCO UNESCO UNESCO UNESCO
Gross national income, ppp, per capita (Int.\$) Gross domestic product, per capita % growth Per capita total expenditure on health (Int.\$) General government expenditure on health as % of total expenditure on health Total adult illiteracy rate Adult male illiteracy rate Adult female illiteracy rate Gross primary school enrolment ratio, male Gross primary school enrolment ratio, female	2002 2001-2002 2001 2001 2000 2000 2000	3,780 -0.4 215 79.9 1.5 1.1 1.9 not available not available	World Bank World Bank World Health Report 2004, WHO World Health Report 2004, WHO UNESCO UNESCO UNESCO UNESCO UNESCO UNESCO UNESCO

Contact address

UNAIDS/WHO Working Group on Global HIV/AIDS and STI Surveillance 20, Avenue Appia

CH - 1211 Geneva 27 Switzerland

Fax: +41-22-791-4834

email: hivstrategicinfo@who.int or estimates@unaids.org

website: http://www.who.int/hiv

http://www.unaids.org

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HIV prevalence in different populations

This section contains information about HIV prevalence in different populations. The data reported in the tables below are mainly based on the HIV database maintained by the United States Bureau of the Census where data from different sources, including national reports, scientific publications and international conferences are compiled. To provide a simple overview of the current situation and trends over time, summary data are given by population group, geographical area (Major Urban Areas versus Outside Major Urban Areas), and year of survey. Studies conducted in the same year are aggregated and the median prevalence rates (in percentages) are given for each of the categories. The maximum and minimum prevalence rates observed, as well as the total number of surveys/sentinel sites, are provided with the median, to give an overview of the diversity of HIV-prevalence results in a given population within the country. Data by sentinel site or specific study from which the medians were calculated are printed at the end of this fact sheet.

The differentiation between the two geographical areas Major Urban Areas and Outside Major Urban Areas is not based on strict criteria, such as the number of inhabitants. For most countries, Major Urban Areas were considered to be the capital city and - where applicable - other metropolitan areas with similar socio-economic patterns. The term Outside Major Urban Areas considers that most sentinel sites are not located in strictly rural areas, even if they are located in somewhat rural districts.

HIV sentinel surveillance*

Group	Area		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Pregnant	Major urban	N-Sites											1.00						
women	areas	Minimum											3.77						
		Median											3.77						
		Maximum											3.77						
	Outside major	N-Sites						1.00	1.00		1.00								
	urban areas	Minimum						6.90	3.70		7.10								
		Median						6.90	3.70		7.10								
		Maximum						6.90	3.70		7.10								
	Major urban	N-Sites							1.00				1.00						
	areas	Minimum							25.00				43.55						
		Median							25.00				43.55						
		Maximum							25.00				43.55						
	Outside major	N-Sites		1.00		1.00										1.00			
	urban areas	Minimum		0		25.00										45.00			
		Median		0		25.00										45.00			
		Maximum		0		25.00										45.00			
Injecting drug users																			
STI patients	Major urban	N-Sites							1.00				2.00						
	areas	Minimum							9.13				17.86						
		Median							9.13				21.43						
		Maximum							9.13				25.00						
	Outside major	N-Sites				2.00	1.00	1.00											
	urban areas	Minimum				20.10	36.80	16.90											
		Median				22.00	36.80	16.90											
		Maximum				23.90	36.80	16.90											
Men having sex with men	C C																		
T 1 1																			

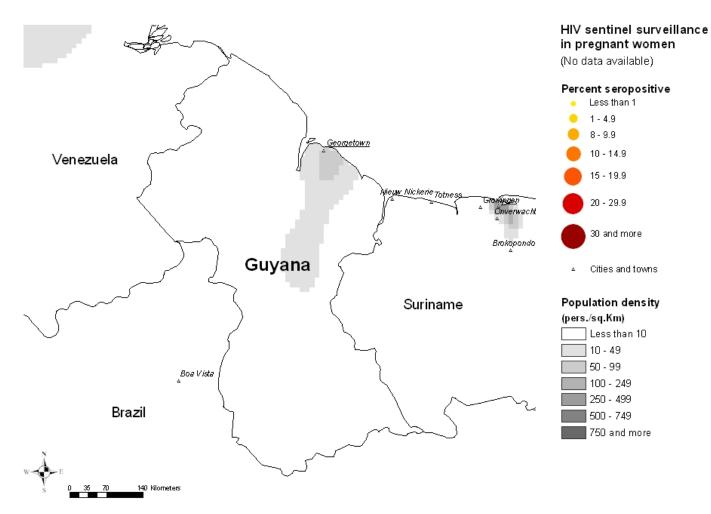
Tuberculosis patients

^{*}Detailed data by site can be found in the Annex.

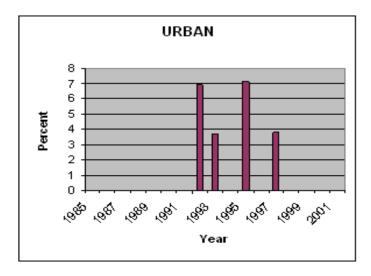
Maps & charts

Mapping the geographical distribution of HIV prevalence among different population groups may assist in interpreting both the national coverage of the HIV surveillance system as well in explaining differences in levels of prevalence. The UNAIDS/WHO Working Group on Global HIV/AIDS and STI Surveillance, in collaboration with the WHO Public Health Mapping Team, Communicable Diseases, is producing maps showing the location and HIV prevalence in relation to population density, major urban areas and communication routes. For generalized epidemics, these maps show the location of prevalence of antenatal surveillance sites.

Trends in antenatal sentinel surveillance for higher prevalence countries, or in prevalence among selected populations for countries with concentrated epidemics, are a new addition. These are presented for those countries where sufficient data exist.



Trends in HIV prevalence among antenatal clinic attendees



Median prevalence and ranges are shown in areas with more than one sentinel site.

The boundaries and names shown and the designations used on the map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted lines on maps represent approximate border lines for which there may not yet be full agreement.

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Reported AIDS cases

Following WHO and UNAIDS recommendations, AIDS case reporting is carried out in most countries. Data from individual AIDS cases are aggregated at the national level and sent to WHO. However, case reports come from surveillance systems of varying quality. Reporting rates vary substantially from country to country and low reporting rates are common in developing countries due to weaknesses in the health care and epidemiological systems. In addition, countries use different AIDS case definitions. A main disadvantage of AIDS case reporting is that it only provides information on transmission patterns and levels of infection approximately 5-10 years in the past, limiting its usefulness for monitoring recent HIV infections.

Despite these caveats, AIDS case reporting remains an important advocacy tool and is useful in estimating the burden of HIV-related morbidity as well as for short-term planning of health care services. AIDS case reports also provide information on the demographic and geographic characteristics of the affected population and on the relative importance of the various exposure risks. In some situations, AIDS reports can be used to estimate earlier HIV infection patterns using back-calculation. AIDS case reports and AIDS deaths have been dramatically reduced in industrialized countries with the introduction of Anti-Retroviral Therapy (ART).



Curable sexually transmitted infections (STIs)

The predominant mode of transmission of both HIV and other STIs is sexual intercourse. Measures for preventing sexual transmission of HIV and STIs are the same, as are the target audiences for interventions. In addition, strong evidence supports several biological mechanisms through which STIs facilitate HIV transmission by increasing both HIV infectiousness and HIV susceptibility. Thus, detection and treatment of individuals with STIs is an important part of an HIV control strategy. In summary, if the incidence/prevalence of STIs is high in a country, then there is the possibility of high rates of sexual transmission of HIV. Monitoring trends in STIs provides valuable insight into the likelihood of the importance of sexual transmission of HIV within a country, and is part of second generation surveillance. These trends also assist in assessing the impact of behavioural interventions, such as delaying sexual debut, reducing the number of sex partners and promoting condom use.

Clinical services offering STI care are an important access point for people at high risk for both STIs and HIV. Identifying people with STIs allows for not only the benefit of treating the STI, but for prevention education, HIV testing, identifying HIV-infected persons in need of care, and partner notification for STIs or HIV infection. Consequently, monitoring different components of STI prevention and control can also provide information on HIV prevention and control activities within a country.

STI syndromes											
Reported cases		1996	1997	1998	1999	2000	2001	2002	2003	Incidence 200	13
Urethral discharge	•					567					
Genital Ulcer						200					
Comments:											
Source:											
Syphilis prevalence	e, women										
Percent of bloc during routine s	od samples take screening at sele	n from preg ected anter	gnat wome natal clinic	n aged 15 s.	5-49 that te	est positive	e for syphi	lis - positi	ive reaginic	and treponemal to	st-
	Year		Area	ı		Rate			Range		
Comments:											
Source:											
Estimated prevaler	nce of curable	STIs amo	ong femal	e sex wo	orkers	_					
- Chlamydia											
	Year		Area			Rate		ļ	Range	<u></u>	
Comments:											
Source:											
- Gonorrhoea											
	Year		Area			Rate		I	Range		
Commenter											
Comments:											

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Source:

- Syphillis

Year Area Rate Range

Comments:
Source:

- Trichomoniasis

Year Area Rate Range

Comments:

Estimated prevalence of curable STIs among female sex workers (continued)

Health service and care indicators

HIV prevention strategies depend on the twin efforts of care and support for those living with HIV or AIDS, and targeted prevention for all people at risk or vulnerable to the infection. It is difficult to capture such a large range of activities with one or just a few indicators. However, a set of well-established health care indicators may help to identify general strengths and weaknesses of health systems. Specific indicators, such as access to testing and blood screening for HIV, help to measure the capacity of health services to respond to HIV/AIDS - related issues.

Access to health care

Indicators	Year	Estimate	Source
% of population with access to health services - total			
% of population with access to health services - urban			
% of population with access to health services - rural			
Contraceptive prevalence rate (%)			
Percentage of contraceptive users using condoms			
% of births attended by skilled health personnel	2000	95	WHO
% of 1-yr-old children fully immunized - DPT	2002	91	WHO/UNICEF
% of 1-yr-old children fully immunized - Measles	2001	92	WHO/UNICEF
% of ANC clinics where HIV testing is available			

Number of adults (15-49) with advanced HIV infection receiving ARV therapy as of June 2004

Adults on treatment

Number: 251

Source: WHO

Estimated number of adults (15-49) in need of treatment in 2003

Adults needing treatment

Number: 2,000

Source: WHO/UNAIDS

Coverage of HIV testing and counselling

Number of public and NGO services providing testing and counselling services.

Year	Area	N=
2001	Major urban	14

Comments: Most VCT sites are located in health facilities and may not be accessible to youths. Some VCT is provided by NGOs.

Source: National AIDS Programme Secretariat Ministry of Health.

Comments: Source:

Knowledge and behaviour

In most countries the HIV epidemic is driven by behaviours (e.g.: multiple sexual partners, injecting drug use) that expose individuals to the risk of infection. Information on knowledge and on the level and intensity of risk behaviour related to HIV/AIDS is essential in identifying populations most at risk for HIV infection and in better understanding the dynamics of the epidemic. It is also critical information in asssessing changes over time as a result of prevention efforts. One of the main goals of the 2nd generation HIV serveillance systems is the promotion of a standard set of indicators defined in the National Guide (Source: National AIDS Programmes, A Guide to Monitoring and Evaluation, UNAIDS/00.17) and regular behavioural surveys in order to monitor trends in behaviours and to target interventions.

The indicators on knowledge and misconceptions are an important prerequisite for prevention programmes to focus on increasing people's knowledge about sexual transmission, and, to overcome the misconceptions that act as a disincentive to behaviour change. Indicators on sexual behaviour and the promotion of safer sexual behaviour are at the core of AIDS programmes, particulary with youg people who are not yet sexually active or are embarking on their sexual lives, and who are more amenable to behavioural change than adults. Finally, higher risk male-male sex reports on unprotected anal intercourse, the highest risk behaviour for HIV among men who have sex with men.

Knowledge of HIV prevention methods

Prevention indicator: Percentage of young people 15-24 who both correctly identify two ways of preventing the sexual transmission of HIV and who reject three misconceptions about HIV transmission.

	Year	Male	Female			
	2000		36			
omments:						
ource:	MICS					
eported co	ondom use at last hi	gher risk sex (young p	people 15-24)			
evention in	ndicator: Proportion of	young people reporting th	he use of a condom during	sex with a non-regula	ar partner.	
	Year	Male	Female			
mments:	For this indicator or	lly data will be shown if they	were collected after 1998.			
ource:						
ource: .ge-mixing	in sexual partnersh	ips among youg wome		who is 10 or more ye	ears older than themselves	
ource: ge-mixing	in sexual partnersh	ips among youg wome	en	who is 10 or more yo Male	ears older than themselves Female	All
ource: ge-mixing he proportio	in sexual partnersh	ips among youg wome	<u>en</u> st 12 months with a partner			
ge-mixing he proportio	in sexual partnersh	ips among youg wome	<u>en</u> st 12 months with a partner			
ge-mixing he proportio	in sexual partnersh	ips among youg wome	<u>en</u> st 12 months with a partner			
ge-mixing the proportion omments:	in sexual partnersh	ips among youg womento have had sex in the last	<u>en</u> st 12 months with a partner			
omments:	in sexual partnersh on of young women wh Year on-regular sexual pa	ips among youg womento have had sex in the last	<u>en</u> st 12 months with a partner	Male	Female	All

Knowled	ge and behavio	our (continued)				
Ever used a	a condom_					
Percentage o	of people who ever use	ed a condom.				
	Year	Area	Age group	Male	Female	All
Comments:						
Source:						
Adolescent	pregnancy_					
Percentage o	of teenagers 15-19 who	o are mothers or pregnant	with their first child.			
	Year	Percentage				
Comments:						
Source:						
Age at first	sexual experience	_				

Female

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Proportion of 15-19 year olds who have had sex before age 15.

Male

Year

Comments: Source:

Prevention indicators

Male and female condoms are the only technology available that can prevent sexual transmission of HIV and other STIs. Persons exposing themselves to the risk of sexual transmission of HIV should have consistent access to high quality condoms. AIDS Programs implement activities to increase both availability of and access to condoms. Thes activities should be monitored and have resources directed to problem aresas. The indicator below highlights the availability of condoms. However, even if condoms are widely available, this does not mean that individuals can or do acess them.

Condo	m availability nationwide	-		
Total n	umber of condoms available fo	or distribution nationwide	during the preceding 12 months,	divided by the total population aged 15-49.
	Year	N	Rate	
Comme	nts:			
Source				
Percen	ntion of mother-to-child tran tage of women who were cour of all women who were pregn	nselled during antenatal c	are for their most recent pregna	cy, accepted an offer of testing and received their test
	Year	N	Rate	
Comme	nts:			
Source				
				other infectious agents. This indicator gives an idea of the can confidently be declared free of HIV.
Screen	ning of blood transfusions r	ationwide		
Percen	tage of blood units transfused	in the last 12 months tha	t have been adequately screene	for HIV according to national or WHO guidelines.
_	Year	N	Rate	
Comme	nts:			
Source:				

Sources

Data presented in this Epidemiological Fact Sheet come from several sources, including global, regional and country reports, published documents and articles, posters and presentations at international conferences, and estimates produced by UNAIDS, WHO and other United Nations agencies. This section contains a list of the more relevant sources used for the preparation of the Fact Sheet. Where available, it also lists selected national Web sites where additional information on HIV/AIDS and STI are presented and regularly updated. However, UNAIDS and WHO do not warrant that the information in these sites is complete and correct and shall not be liable whatsoever for any damages incurred as a result of their use.

Carter, K. H., B. P. Harry, M. Jeune, et al. 1997 HIV Risk Perception, Risk Behavior, and Seroprevalence among Female Commercial Sex Workers in Georgetown, Guyana Pan American Journal of Public Health, vol. 1, no. 6, pp. 451-458.

Cuchi, P., F. Zacarias, R. Mazin, et al. 2000 Walls of Contention: The "Slower" Growth of the HIV/AIDS Epidemic in Latin America and the Caribbean (LAC) XIII International AIDS Conference, Durban, South Africa, 7/9-14, Poster MoPeC2397.

Farley, J. 1993 Epidemiological Status of STD, HIV & AIDS IX Latin American Conference on AIDS, Cartagena, Colombia, 11/3-6, Oral Session.

Gayle, C., J. Farley 1993 Trends in Patterns of Transmission Over 10 Years of the AIDS Epidemic in the English-Speaking Caribbean and Suriname IX International Conference on AIDS, Berlin, 6/6-11, Poster PO-C06-2710.

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Guyana Ministry of Health AIDS Programme 1991 PAHO/WHO HIV Surveillance Dec. 13, Pan American Health Organization/World Health Organization.

Guyana Ministry of Health AIDS Programme 1991 PAHO/WHO HIV Surveillance Aug. 8, Pan American Health Organization/World Health Organization.

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Narain, J. P., B. Hull, C. J. Hospedales, et al. 1989 Epidemiology of AIDS and HIV Infection in the Caribbean In: AIDS Profile of an Epidemic, PAHO, Scientific Publication no. 514, pp. 61-71.

Persaud, N. E., C. Charles, W. Klaskala, et al. 1997 HIV Seropositivity and Associated Factors among Women Attending a Sexually Transmitted Clinic in Guyana V Pan-American Conference on AIDS and XI Latin American Congress on STD, Lima, Peru, 12/3-6, Abstract PCS383.

Persaud, N. E., W. Klaskala Winslow, M. Baum, et al. 1998 HIV Infection and Syphillis among Female Commercial Sex Workers in Guyana 12th World AIDS Conference, Geneva, 6/28 - 7/3, Poster 23538.

Wagner, H. U., R. Dyalsingh, M. Edwards, et al. 1998 HIV-1 Sentinel Surveillance among Antenatal Clinic Attenders and STD Clinic Patients in Georgetown, Guyana: 1997 Guyana Ministry of Health, Caribbean Epidemiology Centre (CAREC), German Agency for Technical Cooperation (GTZ), CDC, document.

Websites: Ministry of Health: Policy Documents on HIV/AIDS in Guyana. Materials include, background information, education strategies, prevention measures, testing, counselling data collection and research:

www.sdnp.org.gy/moh/aids.html

Annex: HIV surveillance by site

Group	Area		1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Pregnant women	Major urban areas	Attending clinics, Georgetown											3.77						
	Outside major urban areas	Not specified						6.90	3.70		7.10								
Sex workers	Major urban areas	Georgetown							25.00				43.55						
	Outside major urban areas	Not specified		0		25.00										45.00			
Injecting drug users																			
STI patients	Major urban areas	Genito-Urinary Medicine (GUM) clini							9.13				21.43						
	Outside major urban areas	Attending clinic, Not specified				23.90													
		Not specified				20.10	36.80	16.90											
Men having sex with men																			
Tuberculosis patients																			