# **Epidemiological Fact Sheet**

on HIV/AIDS and sexually transmitted infections



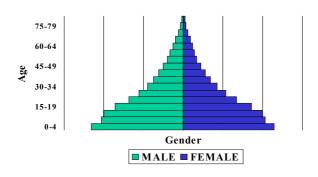
## 2000 Update





## **Country Information**

## Population pyramid, 1999



Indicators	Year	Estimate	Source
Total Population (thousands)	1999	14,526	UNPOP
Population Aged 15-49 (thousands)	1999	6,807	UNPOP
Annual Population Growth	1990-1998	2.6	UNPOP
% of Population Urbanized	1998	44	UNPOP
Average Annual Growth Rate of Urban Population	1990-1998	3.7	UNPOP
GNP Per Capita (US\$)	1997	710	World Bank
GNP Per Capita Average Annual Growth Rate	1996-1997	4.3	World Bank
Human Development Index Rank (HDI)	1999	154	UNDP
% Population Economic Active			
Unemployment Rate			
Total Adult Literacy Rate	1995	40	UNESCO
Adult Male Literacy Rate	1995	50	UNESCO
Adult Female Literacy Rate	1995	30	UNESCO
Male Secondary School Enrollment Ratio	1996	32.6	UNESCO
Female Secondary School Enrollment Ratio	1996	15.5	UNESCO
Crude Birth Rate (births per 1,000 pop.)	1999	37	UNPOP
Crude Death Rate (deaths per 1,000 pop.)	1999	16	UNPOP
Maternal Mortality Rate (per 100,000 live births)	1990	810	WHO
Life Expectancy at Birth	1998	47	UNPOP
Total Fertility Rate	1998	5.0	UNPOP
Infant Mortality Rate (per 1,000 live births)	1999	85	UNICEF/UNPOP

## 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 decisionmaking 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.

The working group and its partners have established a framework standardizing the collection of data deemed important for a thorough understanding of the current status and trends of the epidemic, as well as patterns of risk and vulnerability in the population. 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 1999. 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 the working group 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.

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## Estimated number of people living with HIV/AIDS

In 1999 and during the first quarter of 2000, 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 1997 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 generalized 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 age range was used as the denominator in calculating adult HIV prevalence.

### □ Estimated number of adults and children living with HIV/AIDS, end of 1999

These estimates include all people with HIV infection, whether or not they have developed symptoms of AIDS, alive at the end of 1999

Adults and children	760000		
Adults (15-49)	730000	Adult rate (%)	10.76
Women (15-49)	400000		
Children (0-14)	32000		

#### □ Estimated number of deaths due to AIDS

Estimated number of adults and children who died of AIDS during 1999:

Deaths in 1999 72000

#### ■ Estimated number of orphans

Estimated number of children who have lost their mother or both parents to AIDS (while they were under the age of 15) since the beginning of the epidemic:

Cumulative orphans 420000

Estimated number of children who have lost their mother or both parents to AIDS and who were alive and under age 15 at the end of 1999:

Current living orphans 287269

#### Assessment of epidemiological situation - Côte d'Ivoire

HIV-1 seroprevalence information among antenatal clinic attendees is available since the mid-1980s from Côte d'Ivoire. In Côte d'Ivoire, Abidjan is considered the major urban area. In ten years, HIV-1 seroprevalence among antenatal women increased from 3 percent in 1986 to 14 percent in 1995. In 1998, 11 percent of antenatal clinic women tested in one site were positive for HIV. Five percent of the women less than 20 years of age were HIV-1 positive. In 1997, the median HIV prevalence among antenatal clinic women from 9 sites outside of Abidjan was 10 percent ranging from 6 to 13 percent. Seven percent of antenatal clinic attendees less than 20 years of age tested were HIV positive. The peak age group was the 20-24 year age group with 12 percent of clinic attendees testing HIV positive.

HIV-1 seroprevalence among sex workers tested in Abidjan increased from 27 percent in 1986 to over 84 percent in 1992-93. In 1994-95, nearly 70 percent of sex workers tested were HIV-1 positive. In Odienne, HIV-1 prevalence among sex workers tested increased from 37 percent in 1987 to 53 percent in 1990. In a separate study conducted in 5 regions in 1987, 34 percent of sex workers tested were HIV-1 and/or HIV-2 positive.

In Abidjan, 1987, 8 percent of STD clinic attendees tested positive for HIV-1 and/or HIV-2. HIV-1 prevalence increased from 17 to 18 percent of male STD clinic patients tested between 1990 and 1992. A small study of male STD patients conducted outside of Abidjan in 1987 reported HIV-1 and/or HIV-2 prevalence of 35 percent. Information by virus type was not available.

#### **HIV** sentinel surveillance

This section contains information about HIV prevalence in different populations. The data reported in the tables below are mainly based on the HIV data base maintained by the United States Bureau of the Census where data from different sources, including national reports, scientific publications and international conferences is compiled. To provide for 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 on which the medians were calculated are printed at the end of this fact sheet.

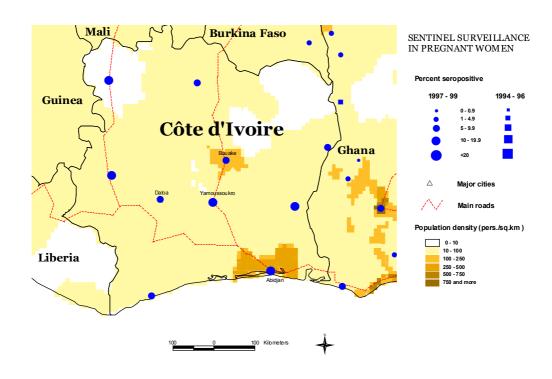
The differentiation between the two geographical areas Major Urban Areas and Outside Major Urban Areas is not based on strict criteria, such as the number of inhabitants. For most countries, Major Urban Areas were considered to be the capital city and – where applicable – other metropolitan areas with 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.

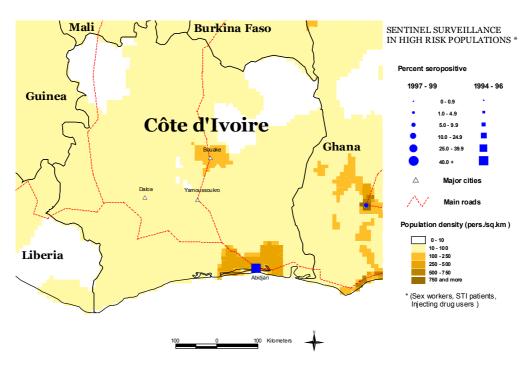
☐ HIV prevalence in selected populations in percent (for blood donors: 1/100 000)

Group	Area		1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	19
Pregnant women	Major Urban Areas	N-sites			1	2	1	1	2	1	1	1		1	1	3	1	
		Minimum			3	3.9	8	6	6	11	14.8	10.3		14.2	12.4	9.1	10.6	
		Median			3	5.95	8	6	8.35	11	14.8	10.3		14.2	12.4	14.6	10.6	
		Maximum			3	8	8	6	10.7	11	14.8	10.3		14.2	12.4	16.7	10.6	
regnant women	Outside Major Urban Areas	N-sites				4								1		9		
		Minimum				0								12.9		5.9		
		Median				2.55								12.9		9.5		
		Maximum				3.5								12.9		13.3		
Group	Area		1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	19
ex workers	Major Urban Areas	N-sites			1	1		1	1		1	1		2				
		Minimum			26.7	29.3		40	62.5		83	83.8		67.6				
		Median			26.7	29.3		40	62.5		83	83.8		68.4				
		Maximum			26.7	29.3		40	62.5		83	83.8		69.2				
ex workers	Outside Major Urban Areas	N-sites				2	1	1	1									
	,	Minimum				34.2	47.5	41	53									
		Median				35.6	47.5	41	53									
		Maximum				37	47.5	41	53									
Group	Area		1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	19
jecting drug users	Major Urban Areas	N-sites																_
jooting arag accre	major orban / trodo	Minimum																
		Median																
		Maximum																
jecting drug users	Outside Major Urban Areas	N-sites																
ijecting drug users	Outside Major Orban Areas	Minimum																
		Median																
2	A	Maximum	1001	4005	1000	4007	4000	1000	1000	1001	1000	1000	1001	4005	1000	4007	1000	46
Group	Area	N. da	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	19
TI patients	Major Urban Areas	N-sites				1			1	1	1							
		Minimum				7.7			16.5	18.2	18.4							
		Median				7.7			16.5	18.2	18.4							
		Maximum				7.7			16.5	18.2	18.4							
TI patients	Outside Major Urban Areas	N-sites				1												
		Minimum				35.4												
		Median				35.4												
		Maximum				35.4												
Group	Area		1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	19
lood Donors	National	N-sites																
		Minimum																
		Median																
		Maximum																
ood Donors	Major Urban Areas	N-sites																
		Minimum																
		Median																
		Maximum																
Group	Area		1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	19
en having sex with	Major Urban Areas	N-sites																
ien		Minimum																
nen		Minimum Median																

#### Maps of HIV sentinel sites

Mapping the geographical distribution of HIV sentinel sites for different population groups may assist interpreting both the national coverage of the HIV surveillance system and explaining differences in levels and trends of prevalence. The UNAIDS/WHO Working Group on Global HIV/AIDS and STI Surveillance, in collaboration with the UNICEF/WHO HealthMap Programme, has produced maps showing the location and HIV prevalence of HIV sentinel sites in relation to population density, major urban areas and communication routes. Maps illustrate separately the most recent results from HIV sentinel surveillance in pregnant women and in sub-populations at higher risk of HIV infection.





The boundaries and names shown and the designations used on these maps 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**

#### AIDS cases by year of reporting

1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Total	Unkn
0	0	0	0	0	0	0	118	466	1193	1930	3189	3894	3863	4015	6566	6727	5935	5949	5685		49532	0

Date of last report: 30/Aug/99

Following WHO and UNAIDS recommendations, AIDS case reporting is carried out in most countries. Data from individual AIDS cases is 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 HAART (Highly Active Anti-Retroviral Therapy).

#### AIDS cases by mode of transmission

Hetero: Heterosexual contacts.

Homo/Bi: Homosexual contacts between men.

IDU: Injecting drug use. This transmission category also includes cases in which other high-risk behaviours were reported, in addition

to injection of drugs.
Blood: Blood and blood products.

Perinatal: Vertical transmission during pregnancy, birth or breastfeeding.

NS: Not specified/unknown.

Sex	Trans. Group	<96	1996	1997	1998	1999	Unkn	Total	%
All	Total			5949	5685			11634	100.0
	Hetero			0	0			0	0
	Homo/Bi			0	0			0	0
	IDU			0	0			0	0
	Blood			0	0			0	0
	Perinatal			0	0			0	0
	Other Known			0	0			0	0
	Unknown			5949	5685			11634	100.0
Male	Total			3288	3083			6371	100.0
	Hetero			0	0			0	0.0
	Homo/Bi			0	0			0	0.0
	IDU			0	0			0	0.0
	Blood			0	0			0	0.0
	Perinatal			0	0			0	0.0
	Other Known			0	0			0	0.0
	Unknown			3288	3083			6371	100.0
Female	Total			2661	2592			5253	100.0
	Hetero			0	0			0	0.0
	IDU			0	0			0	0.0
	Blood			0	0			0	0.0
	Perinatal			0	0			0	0.0
	Other Known			0	0			0	0.0
	Unknown			2661	2592			5253	100.0
NS	Total			0				0	
	Hetero			0				0	
	IDU			0				0	
	Blood			0				0	
	Perinatal			0				0	
	Other Known			0				0	
	Unknown			0				0	

#### Aids cases by age and sex

		-	•						
Sex	Age	<96	1996	1997	1998	1999	Unkn.	Total	%
ΔII	All	31963	5935	5949	5685			49532	100.0
	0-4	509	92	55	53			709	1.4
	5-14	200	53	55	41			349	0.7
	15-19	881	166	158	118			1323	2.7
	20-29	8875	1769	1698	1646			13988	28.2
	30-39	11113	2086	2224	2154			17577	35.5
	40-49	5540	989	1113	1156			8798	17.8
	50+	2687	445	442	435			4009	8.1
	NS	2161	335	204	82			2782	5.6
Male	All	20498	3499	3288	3083			30368	100.0
	0-4	265	54	33	33			385	1.3
	5-14	112	32	35	24			202	0.7
	15-19	189	27	19	27			262	0.9
	20-29	4684	728	566	406			6484	21.4
	30-39	8407	1393	1408	1312			12520	41.2
	40-49	4497	763	809	840			6909	22.8
	50+	2058	311	306	303			2978	9.8
	NS	286	191	113	38			628	2.1
emale	All	9672	2406	2661	2592			17331	100.0
	0-4	218	38	22	20			298	1.7
	5-14	87	21	21	17			146	0.8
	15-19	692	139	139	91			1061	6.1
	20-29	4181	1041	1132	1139			7493	43.2
	30-39	2678	693	816	841			5028	29.0
	40-49	1033	226	304	315			1878	10.8
	50+	619	134	136	132			1021	5.9
	NS	167	114	31	37			409	2.4
NS	All	1788	30	0	10			1828	100.0
	0-4	21	0	0	0			21	1.1
	5-14	1	0	0	0			1	0.1
	15-19	0	0	0	0			0	0.0
	20-29	12	4	0	1			17	0.9
	30-39	26	3	0	1			30	1.6
	40-49	10	5	0	1			16	0.9
	50+	10	4	0	0			14	0.8
	NS	1708	14	0	7			1729	94.6
	Male ————————————————————————————————————	All 0-4 5-14 15-19 20-29 30-39 40-49 50+ NS  All 0-4 5-14 15-19 20-29 30-39 40-49 50+ NS  All 0-4 5-14 15-19 20-29 30-39 40-49 50+ NS  All 0-4 5-14 15-19 20-29 30-39 40-49 50+ NS	All 31963 O-4 509 5-14 200 15-19 881 20-29 8875 30-39 11113 40-49 5540 O-4 265 5-14 112 15-19 189 20-29 4684 30-39 8676 NS 286 Female All 9672 O-4 218 5-14 87 15-19 692 20-29 4181 30-39 2678 40-49 1033 50+ 619 NS 167 NS 167 NS 167 NS 167 NS 1092 20-29 12 30-39 26 40-49 10	All 31963 5935 0-4 509 92 5-14 200 53 15-19 881 166 20-29 8875 1769 30-39 11113 2086 40-49 5540 989 50+ 2687 445 NS 2161 335 Male All 20498 3499 0-4 265 54 5-14 112 32 15-19 189 27 20-29 4684 728 30-39 8407 1393 40-49 4497 763 50+ 2058 311 NS 286 191 Female All 9672 2406 0-4 218 38 5-14 87 21 15-19 692 139 20-29 4181 1041 30-39 2678 693 40-49 1033 226 50+ 619 134 NS 167 114 NS 167 114 NS 167 114 NS 1788 30 0-4 21 0 5-14 1 0 15-19 0 0 20-29 12 4 30-39 26 3 40-49 10 5 5-14 1 0 5-14 1 0 5-14 1 0 5-14 1 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816  40-49 1033 226 304  50+ 619 134 136  NS 167 114 31  NS 167 115-19 0 0 0  20-29 12 4 0  30-39 26 3 0  40-49 10 5 0  50+ 40-49 10 5 0  50+ 40-49 10 5 0  50+ 40-49 10 5 0  50+ 40-49 10 5 0  50+ 40-49 10 5 0  50+ 40-49 10 5 0  50+ 40-49 10 5 0  50+ 40-49 10 5 0  50+ 40-49 10 5 0  50+ 40-49 10 5 0  50+ 40-49 10 5 0  50+ 40-49 10 5 0	All 31963 5935 5949 5685 0-4 509 92 55 53 53 5-14 200 53 55 41 15-19 881 166 158 118 20-29 8875 1769 1698 1646 30-39 11113 2086 2224 2154 40-49 5540 989 1113 1156 50+ 2687 445 442 435 NS 2161 335 204 82 15-14 112 32 35 24 15-19 189 27 19 27 20-29 4684 728 566 406 30-39 8407 1393 1408 1312 40-49 4497 763 809 840 50+ 2058 311 306 303 NS 286 191 113 38 16-14 119 113 38 16-14 119 113 38 16-14 119 119 113 38 16-14 119 119 119 119 119 119 119 119 119 1	All 31963 5935 5949 5685 0-4 509 92 55 53 5-14 200 53 55 41 15-19 881 166 158 118 20-29 8875 1769 1698 1646 30-39 11113 2086 2224 2154 40-49 5540 989 1113 1156 50+ 2687 445 442 435 NS 2161 335 204 82 20 15-14 112 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118 1323   20-29 8875 1769 1698 1646 13988   30-39 11113 2086 2224 2154 17577   40-49 5540 989 1113 1156 8798   50+ 2687 445 442 435 4009   NS 2161 335 204 82 2782   0-4 265 54 33 33 33 385   5-14 112 32 35 24 202   15-19 189 27 19 27 262   20-29 4684 728 566 406 6484   30-39 8407 1393 1408 1312 12520   40-49 4497 763 809 840 6909   50+ 2058 311 306 303 2978   NS 286 191 113 38 628   6-14 87 21 21 17 146   15-19 692 139 139 91 1061   20-29 4181 1041 1132 1139 7493   30-39 2678 693 816 841 5028   40-49 1033 226 304 315 1878   50+ 619 134 136 132 1021   NS 167 114 31 37 409   NS 167 114 31 31 37 409    NS 167 114 31 31 37 409    NS 167 114 31 31 37 409    NS 167 114 31 31 37 409    NS 167 114 31 31 37 409    NS 167 114 31 31 37 409    NS 167 114 31 31 37 409    NS 167 114 31 31 37 409    NS

## **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 STI are the same, as are the target audiences for interventions. In addition, strong evidence supports several biological mechanisms through which STI facilitate HIV transmission by increasing both HIV infectiousness and HIV susceptibility. Significant also is the observation of a sharp decline in the concentration of HIV in the genital secretions when the infection is treated. Monitoring trends in STI can provide valuable information on the sexual transmission of HIV as well as the impact of behavioural interventions, such as promotion of condom use.

Clinical services offering STI care are an important access point for people at high risk for both AIDS and STI, not only for diagnosis and treatment but also for information and education. Therefore, control and prevention of STI have been recognized as a major strategy in the prevention of HIV infection and ultimately AIDS. One of the cornerstones of STI control is adequate management of patients with symptomatic STIs. This includes diagnosis, treatment and individual health education and counselling on disease prevention and partner notification. Consequently, monitoring different components of STI control can also provide information on HIV prevention within a country.

#### ■ Estimated incidence and prevalence of curable STIs

		Inc	idence		Prevalence				
STI's	Year	Male	Female	All	Year	Male	Female	All	
Chlamydia trach.									
Gonorrhoea									
Syphilis									
Trichomonas									
Comments:									

#### STI Incidence, men

Source:

Prevention Indicator 9: Proportion of men aged 15-49 years who reported episodes of urethritis in the last 12 months.

	Year	Area	Age	Rate	N=	
	1996	All		6.1		
Comments:						
Sources:	SIG/Ministry of Health					

#### STD Prevalence, women

Prevention Indicator 8: Proportion of pregnant women aged 15-24 years attending antenatal clinics whose blood has been screened with positive serology for syphilis.

	Year	Area	Age	Rate	N=
	1997	All		0.9	792
Comments:					<u> </u>

#### STI Case management (counselled)

Prevention Indicator 7: Proportion of people presenting with STI or for STI care in health facilities who received basic advice on condoms and on partner notification.

	Year	Area	Age	Rate	N=	
	1997	All		18.0	182	
Comments:						

Sources:

Sources Qualité de la prise en charge des maladies sexuellement transmissibles en Afrique de l'Ouest. Bitera R, Alary M, Viens P, Masse B, baganizi E, Kamuraguye A, Kane F, Sylla M, Zerbo PJ, Novembre 1997

#### STI Case management (treatments)

Prevention Indicator 6: Proportion of people presenting with STI in health facilities assessed and treated in an appropriate way (according to national standards).

Year	Area	Age	Rate	N=
1997	All		4.5	182

Comments

Qualité de la prise en charge des maladies sexuellement transmissibles en Afrique de l'Ouest. Bitera R. Alary M. Viens P. Masse B. baganizi E. Sources: Kamuraguye A, Kane F, Sylla M, Zerbo PJ, Novembre 1997

#### Health service 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. These efforts may range from reaching out to vulnerable communities through large-scale educational campaigns or interpersonal communication; provision of treatment for STIs; distribution of condoms and needles; creating and enabling environment to reduce risky behaviour; providing access to voluntary testing and counselling; home or institutional care for persons with symptomatic HIV infection; and preventing perinatal transmission and transmission through infected needles or blood in health care settings. 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 – such as the percentage of a population with access to health care services; the percentage of women covered by antenatal care; or the percentage of immunized children – 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 (%):	1990-1999	15	UNICEF/UNPOP
% of births attended by trained health personnel:	1990-1999	47	UNICEF
% of 1-yr-old children fully immunized – DPT:	1995-1998	61	UNICEF
% of 1-yr-old children fully immunized – Polio:	1995-1998	61	UNICEF
% of 1-yr-old children fully immunized – Measles:	1995-1998	66	UNICEF
Proportion of blood donations tested:			
% of ANC clinics where HIV testing is available:			
HIV/AIDS Hospital Occupancy Rate (Days):			

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 Programmes implement activities to increase both availability of and access to condoms. The two condom availability indicators below are intended to highlight areas of strength and weakness at the beginning and end of the distribution system so that programmatic resources can be directed appropriately to problem areas.

### ☐ Condom availability (central level)

Prevention Indicator 2: Availability of condoms in the country over the last 12 months (central level).

	Year	Area	N	Rate
	1997	All		1.0
Commente				

Comments Sources:

☐ Condom availability (peripheral level)

Prevention Indicator 3: Proportion of people who can acquire a condom (peripheral level).

Year Area N Rate

Comments

Sources

## Knowledge and behaviour

In most countries the HIV epidemic is driven by behaviours (e.g.: multiple sexual partners, intravenous 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 assessing changes over time as a result of prevention efforts. One of the main goals of the 2<sup>nd</sup> generation HIV surveillance systems is the promotion of regular behavioural surveys in order to monitor trends in behaviours and target interventions.

#### Knowledge of HIV- related preventive practices

Prevention Indicator 1: Proportion of people citing at least two acceptable ways of protection from HIV infection.

Year Area Age Group Male Female All

Comments:

Sources:

#### ☐ Reported non-regular sexual partnerships

Prevention Indicator 4: Proportion of sexually active people having at least one sex partner other than a regular partner in the last 12 months.

Year	Area	Age Group	Male	Female	All	
 1989	All	15+	35.8	8.6		
1989	All	15-19	56.2	17.9		
1993	All	15-19	24.0	4.0		
1989	All	15-49	15.0			
1989	All	20-24	55.9	12.1		
1989	All	25-39	41.4	8.0		
1989	All	40-49	17.0	5.0		
1989	All	50+	2.0			

Comments:

Sources:

KABP/Behavioural Studies - GPA, 1992. HIV/AIDS Epidemiological Fact Sheet

#### □ Reported condom use in risk sex (gen pop)

Prevention Indicator 5: Proportion of people reporting the use of a condom during the most recent intercourse of risk.

Year Area Age Group Male Female All

Comments

Sources

## Knowledge and behaviour

## ☐ Ever use of condom

Percentage of people who ever used a condom.

Year Area Age Group Male **Female** ΑII

Comments: Sources:

## Median age at first sexual experience

Median age of people at which they first had sexual intercourse.

Y	ear	Area	Age Group	Male	Female	All
19	994	All	20-24		15.8	
19	994	All	25-49		15.8	
19	994	All	45-49		16.0	

Comments:

DHS 1994

## □ Adolescent pregnancy

Percentage of teenagers 15-19 who are mothers or pregnant with their first child.

Year	Area	Age Group	Rate	N
1994	All	15-17		22.5

Comments:

Sources:

## □ Proportion of people ever having had sex with same sex

Year **Age Group** Rate Ν Area

Comments:

Sources:

## Reported non-regular sexual partnerships (MSM)

Year Area Age Group Rate Ν

Comments:

Sources:

#### **Sources**

Data presented in this Epidemiological Fact Sheet come from several different 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.

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## Annex: HIV Surveillance data by site

Group	Area		1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	199
Pregnant women	Major Urban Areas	Abidjan (1)			3	8.0	8	6	10.7	11	14.8	10.3		14.2	12.4	14.6		
		Abidjan (2)				3.9			6.0							16.7		
		Abidjan (3)														9.1		
		Not specified															10.6	
Pregnant women	Outside Major Urban Areas	Abengourou														13.3		
		Azaguie				2.6												
		Bin-Houye				2.5												
		Bondoukou														5.9		
		Bouaké														6		
		Daloa														8.1		
		Korhogo														6		
		Man														10.2		
		Odienné				0										10.3		T
		San-Pédro														9.5		
		Tnada				3.5												T
		Ten regions												12.9				T
		Yamoussouk														11.3		T
		го																
Group	Area		1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	19
Sex workers	Major Urban Areas	Abidjan (1)			26.7	29.3		40	62.5		83	83.8		67.6				
		Abidjan (2)												69.2				
Sex workers	Outside Major Urban Areas	Odienné				37	47.5	41	53									
		5 regions				34.2												
Group	Area		1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	19
Injecting drug users	Major Urban Areas																	
Injecting drug users	Outside Major Urban Areas																	
Group	Area		1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	19
STD patients	Major Urban Areas	Abidjan				7.7												
		Abidjan							16.5	18.2	18.4							
		(Males)																
STD Patients	Outside Major Urban Areas	5 regions (Males)				35.4												
Group	Area		1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1!
Blood Donors	National																	
Blood Donors	Major Urban Areas																	
Blood Donors	Outside Major Urban Areas																	