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RECENT HIV SEROPREVALENCE LEVELS BY COUNTRY: APRIL, 1992

Health Studies Branch
Center for International Research
U.S. Bureau of the Census

Research Note
No. 6
April, 1992

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Preface

The Center for International Research conducts specialized studies of population, economics, labor force, health and aging issues. However, the use of data not generated by the U.S. Bureau of the Census precludes performing the same statistical reviews normally conducted on its own data.

This research note is the sixth of a series of short research documents resulting from analysis conducted in the Health Studies Branch. Distribution in the research note format is intended to allow for rapid dissemination of results to a specialized audience, highlighting recent developments or emerging trends. Reports containing a more thorough presentation and discussion of research findings will continue to be issued in the Center for International Research Staff Paper series.

The preparation of this report was supported by funding from the U.S. Agency for International Development.

This note was prepared by the staff of the Health Studies Branch, including Jinkie Corbin, Lisa Gist, Blanche Lewis and Edith Robinson. Jack Gibson prepared the maps.
Comments and questions regarding this study should be addressed to Karen Stanecki or Peter O. Way, Health Studies Branch, Center for International Research, U.S. Bureau of the Census, Washington, D.C. 20233-3700; telephone (301) 763-4086.

RECENT HIV SEROPREVALENCE LEVELS BY COUNTRY: APRIL, 1992

Contents

Introduction 1

Data Quality and Qualifications 1

Data Organization 3

Trends in HIV Infection among STD Clinic Patients 5

Maps

Map 1. African HIV-1 Seroprevalence for High-Risk Urban Populations 17

Map 2. African HIV-2 Seroprevalence for High-Risk Urban Populations 18

Map 3. African HIV-1 Seroprevalence for Low-Risk Urban Populations 19

Map 4. African HIV-2 Seroprevalence for Low-Risk Urban Populations 20

Tables

Table 1. Estimates of HIV-1 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1990 21

Table 2. Estimates of HIV-2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1990 24

Table 3. Detailed Listing of HIV-1 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1990 25

References 35

RECENT HIV SEROPREVALENCE LEVELS BY COUNTRY: APRIL, 1992

Introduction

Over the last four years, the Center for International Research of the Bureau of the Census has been compiling HIV seroprevalence information for its ***HIV/AIDS Surveillance Data Base***. This work has been supported by funding from the Africa Bureau and the Office of Health AIDS Division, Agency for International Development.

We completed our semi-annual update to the data base incorporating all available epidemiological information for developing countries presented at the **Sixth International Conference on AIDS in Africa**, in Dakar, Senegal in December, 1991. We are also regularly reviewing the scientific literature for relevant information. Currently, the ***HIV/AIDS Surveillance Data Base*** contains over 12,000 individual data records drawn from over 1,600 publications and presentations. It is our goal to incorporate all available data from seroprevalence studies conducted in developing countries.

Several items drawn from the data base are included in this report. These include summary tables showing seroprevalence estimates for high and low-risk population groups in major cities and rural areas for all countries. Tables are provided for HIV-1 and HIV-2, where available. Urban data for Africa have been plotted on maps as well, showing the distribution by country. A section highlighting trends in HIV infection among STD clinic patients in selected countries is also included. A brief review of data quality issues and discussion of selection criteria follows. We recognize the somewhat arbitrary nature of this selection and welcome comments.

Data Quality and Qualifications

With rare exception, surveys of HIV seroprevalence are not based on national samples. Therefore, every seroprevalence estimate has a bias if generalized beyond its sample population. The amount of bias is determined by how different the sampled population group or geographic area is from the generalized description placed on the estimate. For instance, an estimate of the HIV seroprevalence of pregnant women in Kinshasa, Zaire, may be generalized to "urban, low-risk group." Yet, Kinshasa is not representative of all urban areas in Zaire, and pregnant women are not representative of all low-risk adults (since by definition they may be more sexually active than many low-risk groups, such as the aged).

Several factors contribute to biases or confusion surrounding HIV seroprevalence estimates:

-- Sample-Size Bias: The sample sizes of seroprevalence studies are generally very small. Small samples of non-random populations may tend to overestimate the seroprevalence.

-- Non-representative Samples: Many surveys are taken of populations convenient for the medical team drawing blood for testing. Therefore, many are "samples of convenience," taken in clinics or hospitals where the available sample of people may be sicker than those who do not attend the clinic.

-- Geographic Bias: As in the case of samples of convenience, samples may also be taken in more-accessible rather than less-accessible geographic areas. Given what is known regarding the spread of HIV infection, we would expect that this would tend to bias upward the estimate of HIV seroprevalence, if the available sources are taken to represent the country as a whole. Note, however, that this particular factor may not bias estimates of seroprevalence in the geographic areas that were, in fact, surveyed.

-- Testing Bias: In the first several years of the AIDS epidemic, the ELISA test was the predominant test used to determine seropositivity. The ELISA test, however, gives a number of false positives and, therefore, the test results must be confirmed by a second test; in general, the Western Blot. Not all studies report confirmatory testing, although they increasingly do so.

-- HIV-1 and HIV-2 Overlap: In countries where both HIV-1 and HIV-2 are present, tests are done for both viruses and often find people who test positive for both. To report the people who are only infected with HIV-1 will understate the total infected population because it does not take into account the joint infections. Thus, care must be used in discussions of data from these areas to avoid either double counting or omitting various categories of infected population.

In order to minimize the biases and confusion in using current seroprevalence estimates, we have developed several criteria to select the most representative sample estimate:

-- larger samples are generally favored over smaller samples;

-- more recent estimates are selected over older estimates; and

-- better-documented data are usually selected over poorly-documented data; data without documentation are not used.

These criteria only attempt to minimize the biases in the data, not eliminate them. Therefore, all seroprevalence data must be used with caution.

Data Organization

The data presented in the following seroprevalence tables are taken from the ***HIV/AIDS Surveillance Data Base***. The specific rates presented are taken from the most recent studies with a sufficiently large sample size. Where recent data were not available and where sample sizes were small, footnotes qualify the data. In some cases, large-sized samples were not included because there was not enough information about the sample design, tests or place. The data are imperfect and caution should be used in drawing conclusions. Although they are listed by country name, they are not national level estimates. We can only draw conclusions for the area where these studies were conducted.

The tables that follow are based on data selected as the best available data on HIV-1 and HIV-2 seroprevalence among high- and low-risk populations in developing countries (see Tables 1 and 2). The terms "high risk" and "low risk" are used in these tables and charts to differentiate population subgroups with known risk factors for HIV infection from those without such known risks. As a result of the various transmission modes and the prevalence of the virus in Africa, no group can be considered to have no risk of infection. Sampled populations treated as high risk in this report include prostitutes, bar girls, etc.; clients of prostitutes; and sexually-transmitted disease clinic patients. Sampled populations considered to be low risk include the general population with no known risk, pregnant women, and blood donors.

Data were selected using criteria of sample size, recency of data, presence of two diagnostic tests, and minimal evident bias in sample selection, given the target population. Since each figure is based on a single study, it is not an average or composite figure. As yet, there are insufficient comparable studies to make estimates of an "average" seroprevalence meaningful. Detailed sample information for these studies is contained in Table 3. Sources for the data shown in the tables are contained in a unified reference listing.

The tables are also divided by Capital/Major City and Outside Major City. In many studies it is difficult to determine whether or not the universe is a strictly rural area. The geographical boundaries may include some urbanized centers. Is a sample drawn from three villages necessarily a study of the rural population? When the study area is described as a province in the country it is listed in the table as outside the capital/major city. It is usually fairly clear when a study is conducted in the capital or a major city.

We will periodically update these materials with the latest and best available data, at times including a brief discussion of a topic of particular interest.

We welcome comments and suggestions from users of the data base. We also welcome copies of articles or references to information which may have been overlooked.

Trends in HIV Infection among STD Clinic Patients

Patients attending sexually-transmitted disease (STD) clinics can be considered to be at moderately high risk of HIV infection, since they themselves or their sexual partner are likely to have had sexual contact with others. They are at elevated risk both due to the presence of multiple partners as well as due to the potentially enhanced risk of HIV infection among those with various other STDs.[1] For these reasons, STD clinic patients may be relatively representative of those in a population with multiple sexual partners. On the other hand several factors may result in the data on HIV infection among STD patients not being representative of such a population. Among these are the fact that many of those developing STDs may not seek treatment or may self-treat their disease with traditional herbs and drugs or with drugs obtained from pharmacies. Some segments of the population may not seek treatment at a public STD treatment facility but rather will visit a private physician. Others, perhaps especially long-term female partners of men with multiple sexual partners, may be reticent to seek treatment at such a facility due to possible stigma. In addition to these factors, HIV seroprevalence data for STD clinic attendees may not be representative of the population due to deficiencies in sample selection. Nevertheless, such studies provide valuable information on a potentially large population at high risk of HIV infection.

Available data reveal consistently higher levels of infection for STD patients relative to populations at lower risk of infection, e.g., pregnant women. Similarly, studies tend to show STD patients with lower levels of HIV infection than commercial sex workers.

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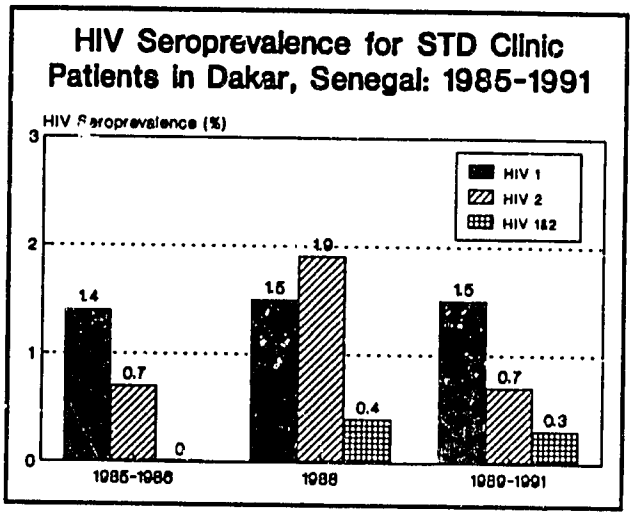
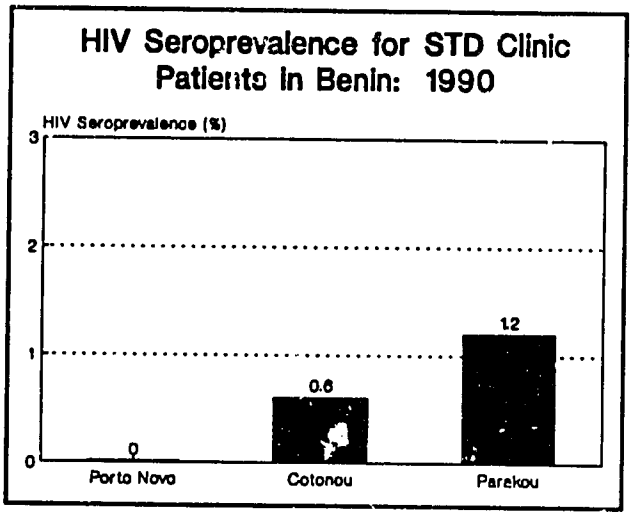
[1]Wasserheit, J., 1990, "Epidemiological Synergy: Inter-relationships between HIV Infection and Other STDs," paper prepared for the International Workshop on AIDS and Reproductive Health, Bellagio, Italy, October 29-November 2, 1990.

Africa

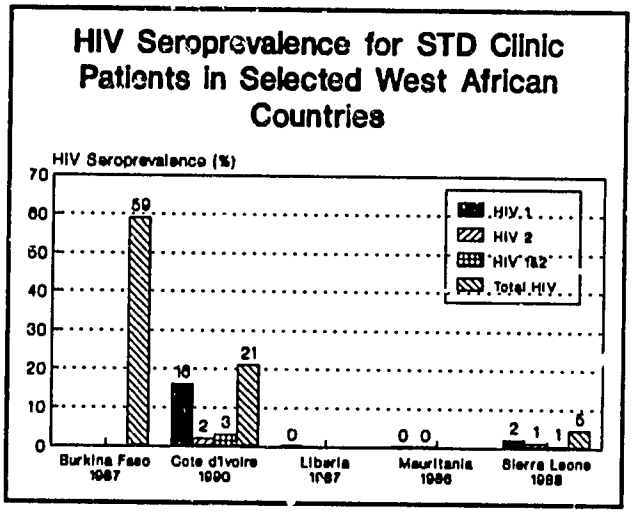
Senegal. Since 1985 in Dakar, levels of HIV1 infection among STD clinic attendees have remained relatively steady, while there has been some fluctuation in HIV2 and dual infections. Other studies in Senegal over this period document the gradual spread of HIV1 to other regions of the country.



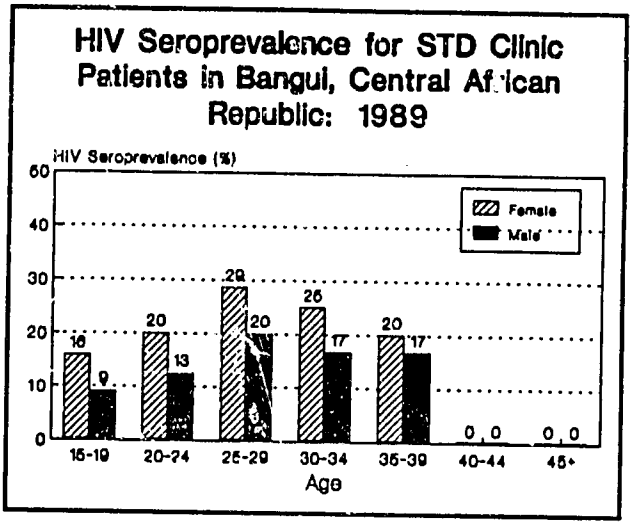
Benin. In Benin, HIV seroprevalence among STD clinic attendees was relatively low in 1990, although considerable regional variation exists.



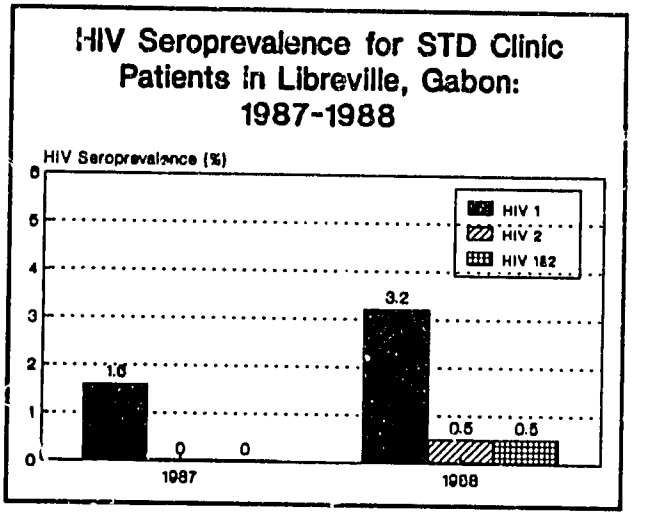
Other West Africa. In other West African countries, the level and patterns of HIV infection among STD clinic patients varies greatly. The level of infection in Burkina Faso and Côte d'Ivoire was very high, with most of the infection in Côte d'Ivoire due to HIV1. At this time, there was no evidence of HIV infection in Mauritania and in Liberia, while in Sierra Leone HIV infection was 5 percent in 1988, over one-half attributable to HIV1.



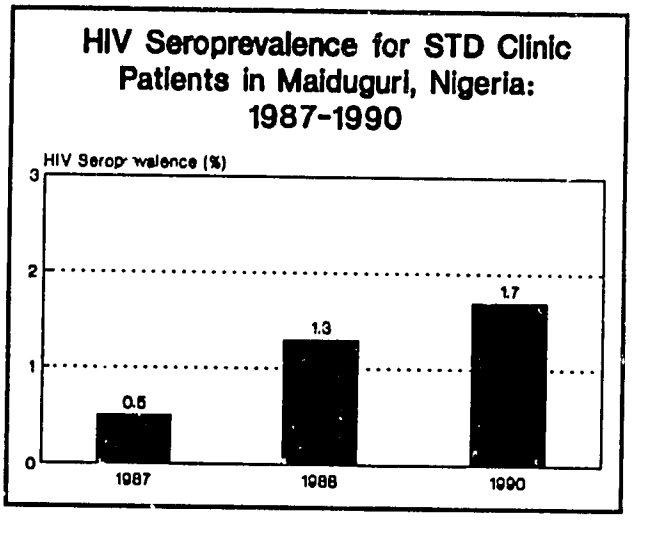
Central African Republic. In Bangui, HIV infection for male and female STD clinic patients was high and showed a somewhat peaked age pattern, reaching a maximum of 29 percent for females and 20 percent for males, both in the ages 25-29 years.



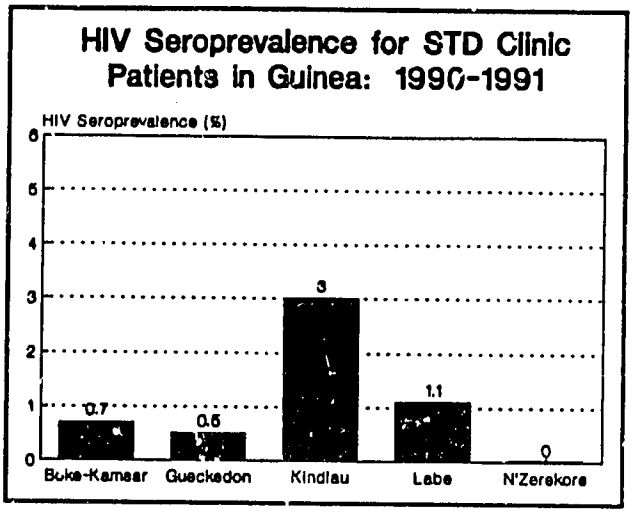
Gabon. In Gabon, HIV1 infection among STD clinic attendees doubled between 1987 and 1988. HIV2 and dual infection were absent in 1987, but were detected in 1988.



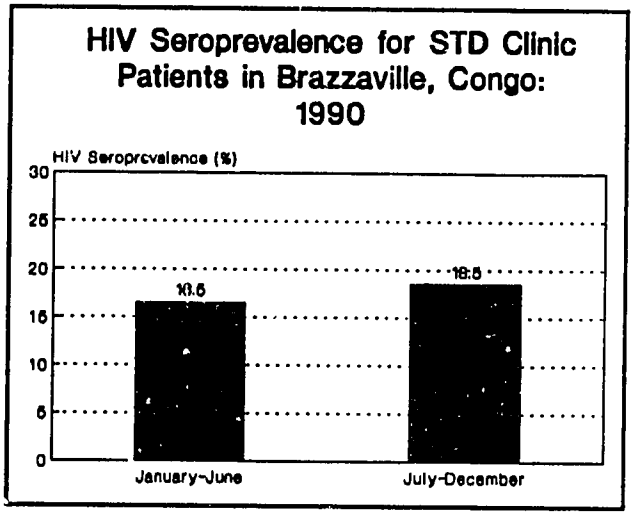
Nigeria. Data from STD clinic attendees in Maiduguri, Nigeria show a steady increase in HIV infection between 1987 and 1990, reaching 1.7 percent of the sampled population in 1990.



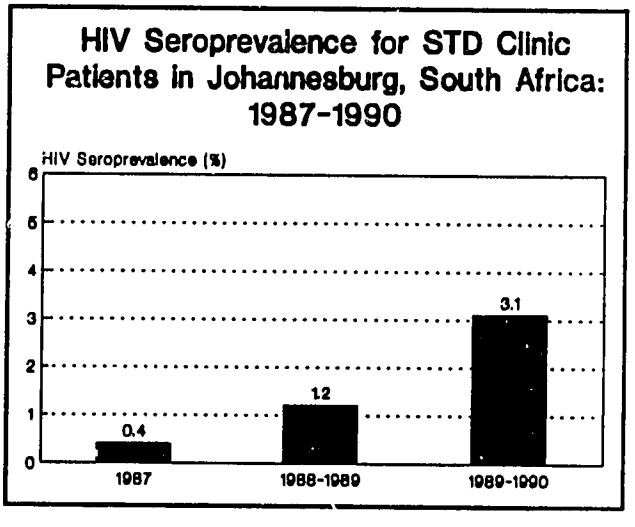
Guinea. In Guinea, substantial regional variation is noted for HIV1 infection among STD clinic attendees. HIV infection was as high as 3 percent in one area while no infection was found in another.



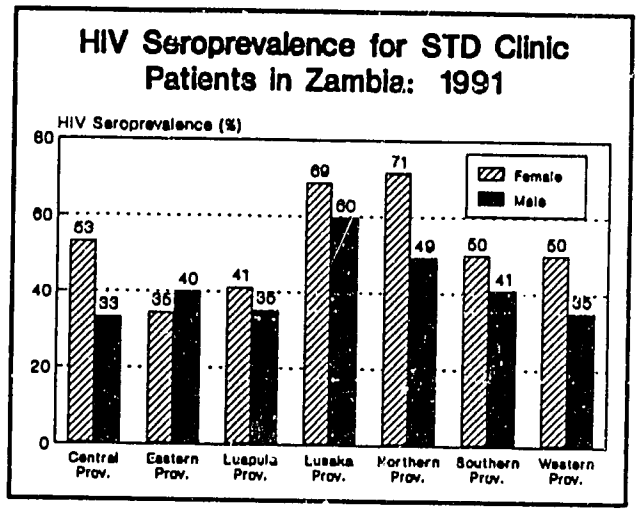
Congo. In successive 6-month peirods in Brazzaville, HIV infection increased 2 percentage points to 18.5 percent in July-December 1990.



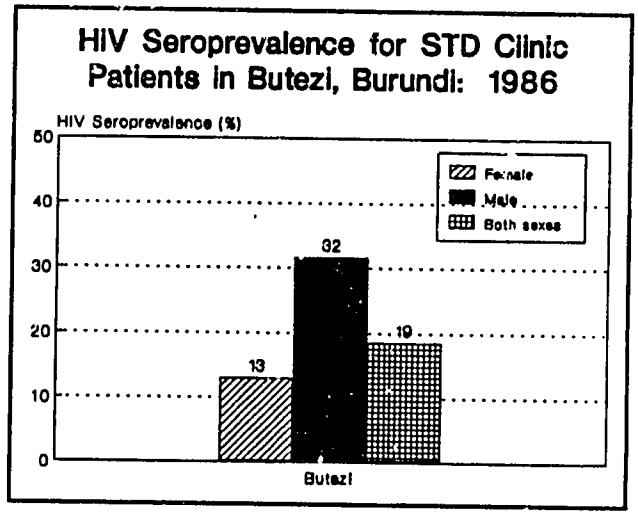
South Africa. Among Blacks attending STD clinics in Johannesburg, the level of HIV infection increased more than 6-fold over a 3-year period, reaching 3.1 percent in 1989-90.



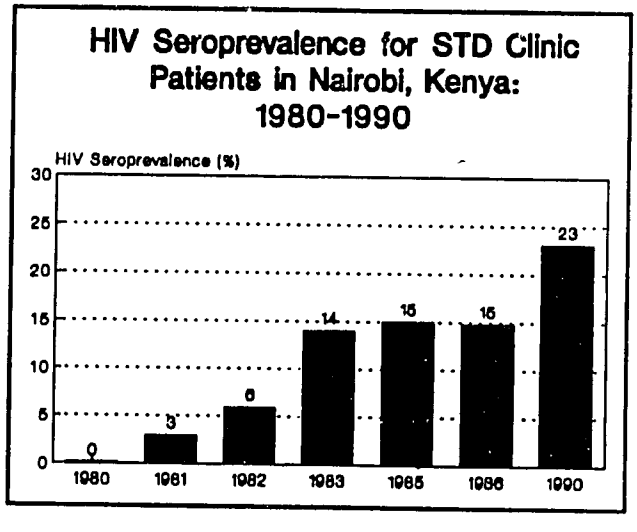
Zambia. Studies in Zambia show high levels of HIV infection among both male and female STD clinic attendees, in all regions of the country. By province, no fewer than 33 percent and as many as 71 percent of STD clinic patients were found to be HIV seropositive in a 1991 study.



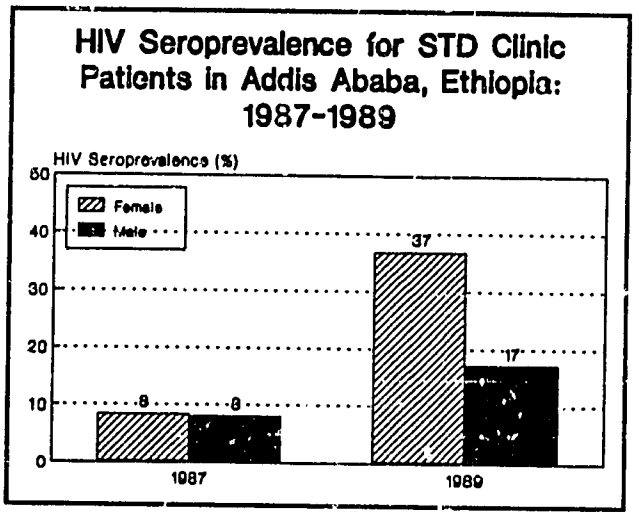
Burundi. A large disparity in HIV infection levels among men and women STD patients in Butezi, Burundi in a 1986 study demonstrates the difficulty in generalizing from selected population samples. Gender differences in the liklihood of STD treatment or the severity of symptoms may have resulted in differential selectivity for males with high-risk behavior.



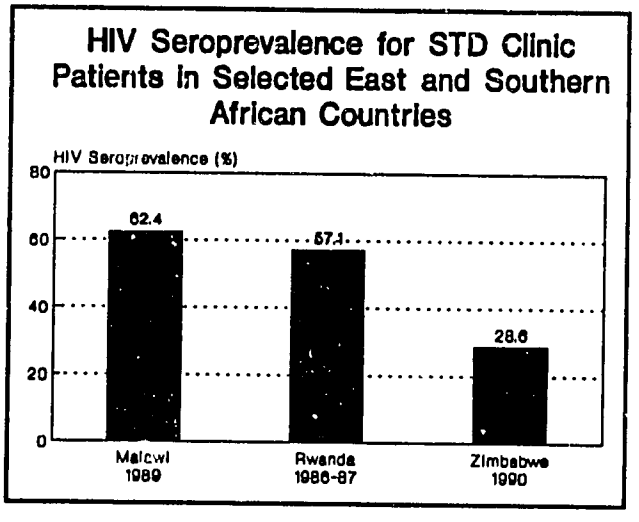
Kenya. An ongoing study centered in a particular clinic in Nairobi has produced remarkable documentation of increases in HIV infection among its clinic population over the past decade.



Ethiopia. Studies conducted in Addis Ababa in 1987 and 1989 show more than a quadrupling of HIV infection for female STD patients and a doubling for males during this two-year period.

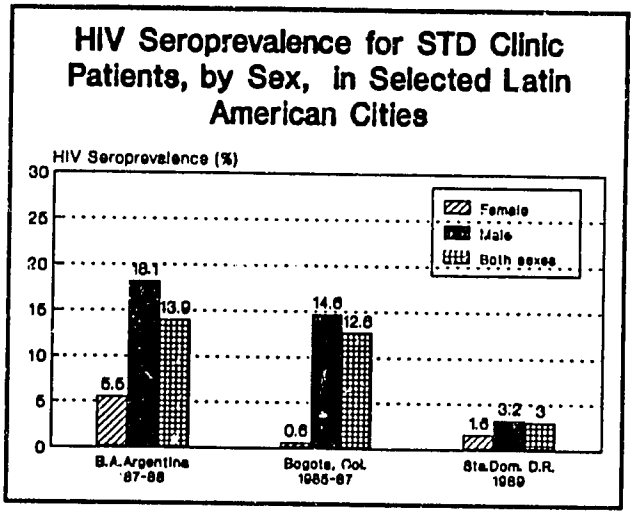


Other East and Southern Africa. Studies conducted in several other East and Southern African countries document the extremely high levels of HIV infection found among STD patients in some areas.

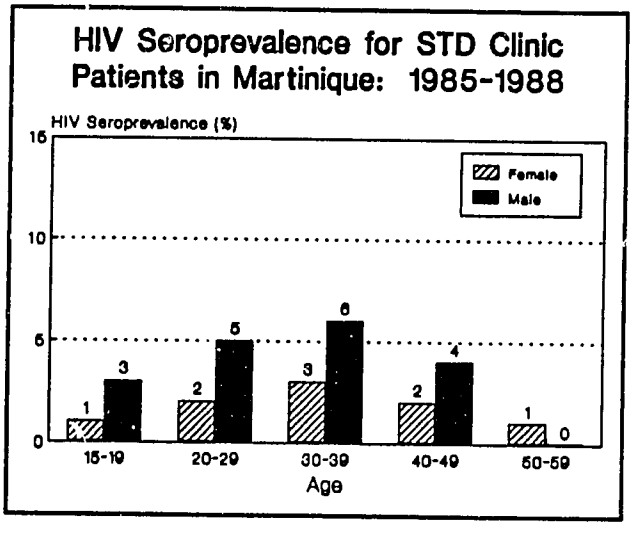


Latin America and Caribbean

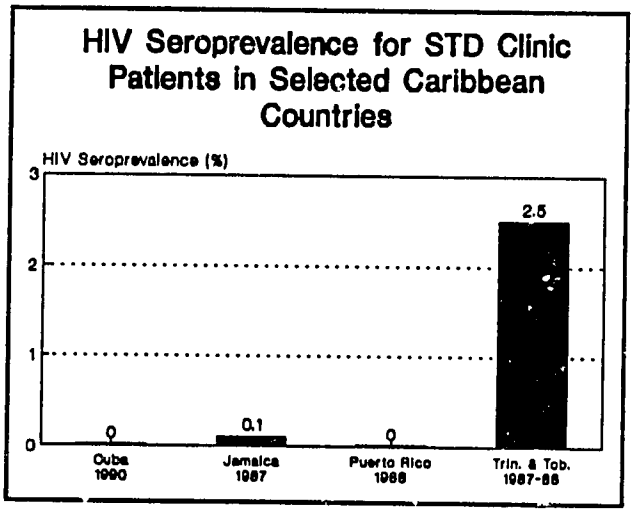
Latin American Gender Differences. In a study conducted in Santo Domingo in 1989, males visiting STD clinics were twice as likely to be HIV positive as females. Similar, or larger, differentials are evident in data from Agentina and Colombia.



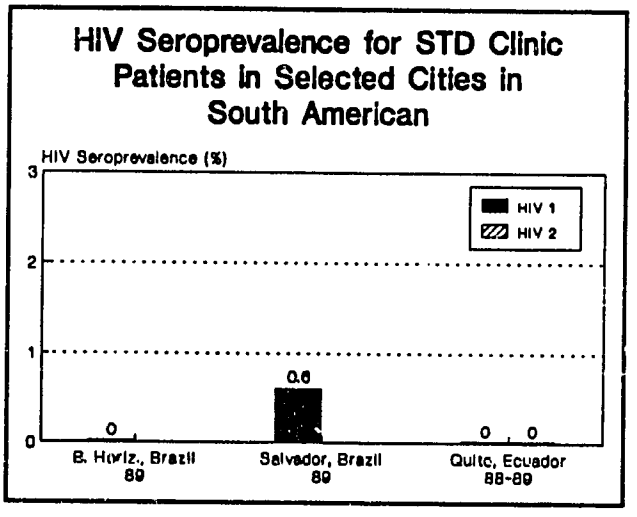
Martinique. In Martinique, a similar differential was found in a study conducted over the 1985-88 period. Data by age show a progression of infection levels to age 30-39.



Other Caribbean. Data from a variety of other Caribbean sites shows HIV making some headway in Jamaica and particularly Trinidad and Tobago as early as 1987-88. Recent data suggest continued strong increases in seroprevalence since that time.

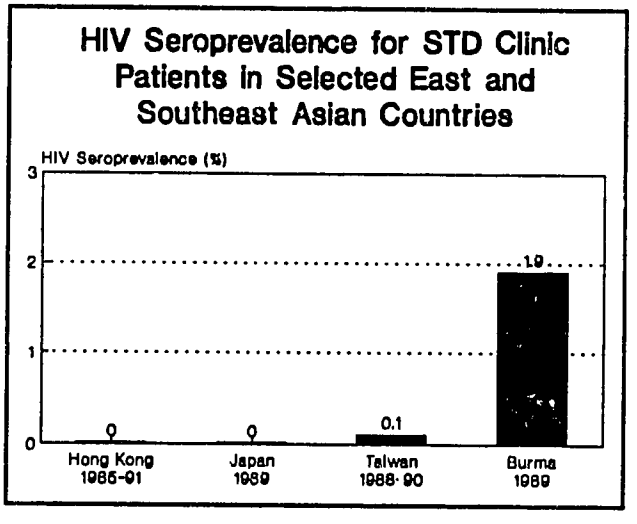


Other South America. Data from Brazil in 1989 show HIV infection among STD clinic patients in one area and not in another, while no infection was found among STD clinic attendees in a study in Quito in 1988-89.

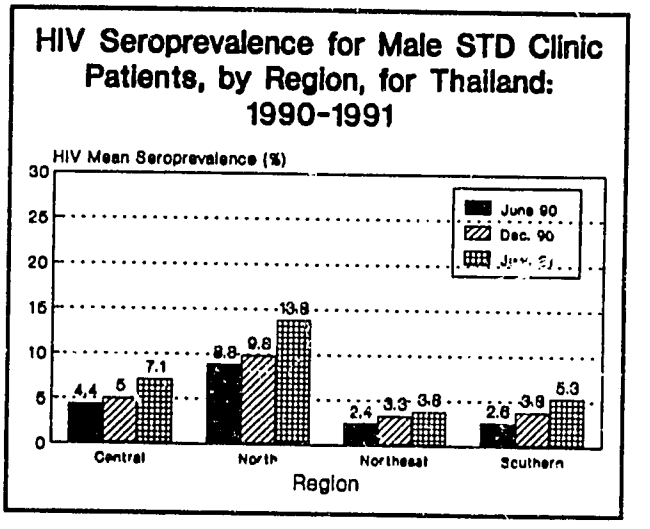


ASIA

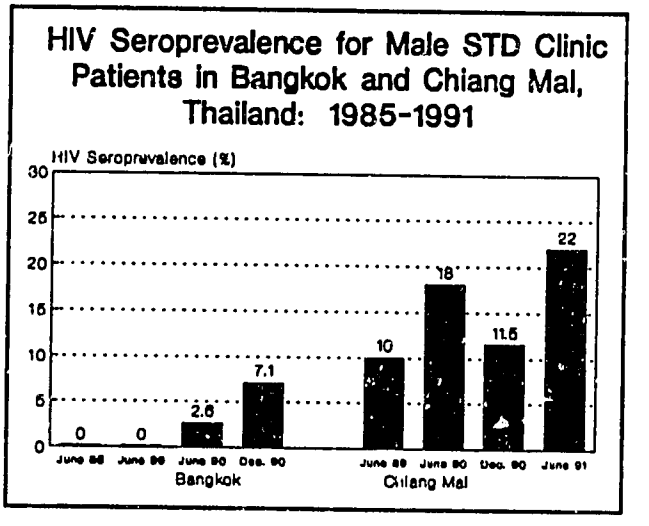
East and Southeast Asia. In the majority of East Asia, there is as yet little evidence of HIV infection among STD clinic patients. Hong Kong and Japan have reported little, if any infection, while Taiwan has reported only a slight amount. In Burma, on the other hand, there is evidence of a growing epidemic as indicated by nearly 2 percent infection among STD clinic patients in 1989.



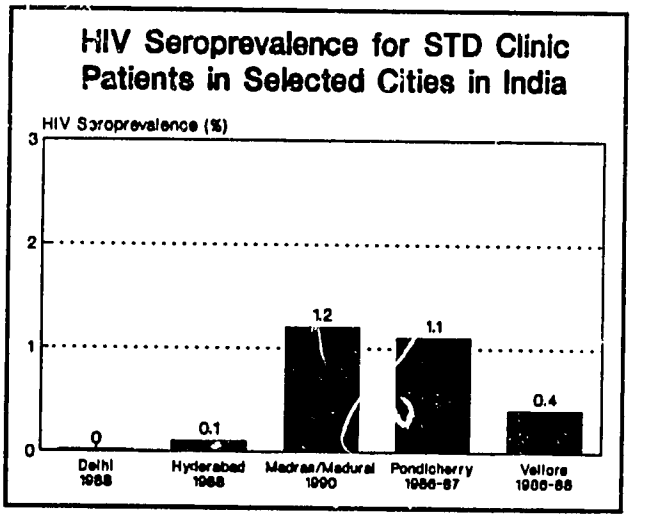
Thailand. The situation in Thailand is changing rapidly, and should serve as a warning to other countries where the epidemic growth of HIV infection is not yet visible. Over the June 1990 to June 1991 period, Thailand's sentinel surveillance system has documented a near doubling of HIV infection among STD clinic attendees in all regions of the country.



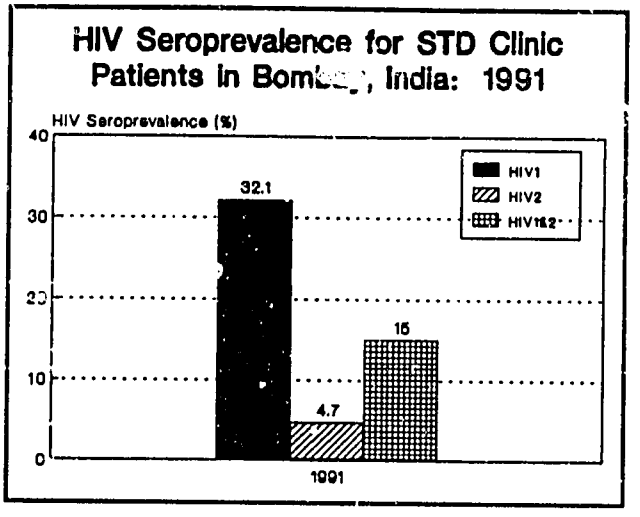
Bangkok and Chiang Mai, Thailand. In Bangkok, no HIV infection was detected among STD clinic attendees as recently as June, 1989. By December, 1990, however, infection was over 7 percent. In the city of Chiang Mai in Thailand's north, HIV infection has more than doubled over the past two years, reaching 22 percent of STD patients in June, 1991.



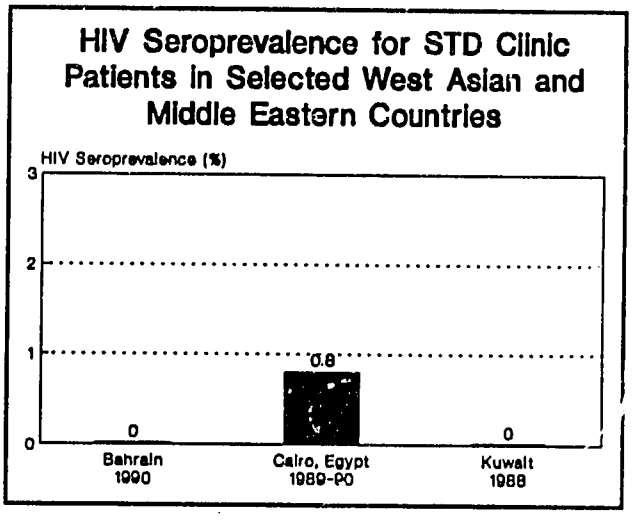
India. A variety of studies conducted in selected cities in India since the late 1980's document the toehold that HIV had achieved across India at this point in time. India, like Thailand, appears poised for explosive growth in infection.



Bombay, India. Evidence of this potential is shown in very recent data from Bombay, where nearly one-third of STD clinic patients were HIV-1 positive in 1991. An additional 5 percent of patients were positive for HIV-2.



Western Asia/Middle East. Studies conducted in this region show no infection in some countries, while the infection among STD patients in Cairo had reached nearly 1 percent by 1989-90.



Sources for Graphs

The following list contains the source numbers for data used in the graphs. The complete citation can be found in the reference list on page 35.

AFRICA

Senegal:	D0081	M0037		
Benin:	D0088			
Other West Africa:	A0032 M0060	D0070	L0048	M0015
Central African Republic:	G0061			
Gabon:	M0146			
Nigeria:	C0109	H0055		
Guinea:	L0074			
Congo:	G0073			
South Africa:	C0006	S0065	S0111	
Zambia:	H0068			
Burundi:	G0003			
Kenya:	P0024	S0046	T0049	
Ethiopia:	A0012	Z0011		
Other East and Southern Africa:	H0061	K0103	P0030	

LATIN AMERICA AND CARIBBEAN

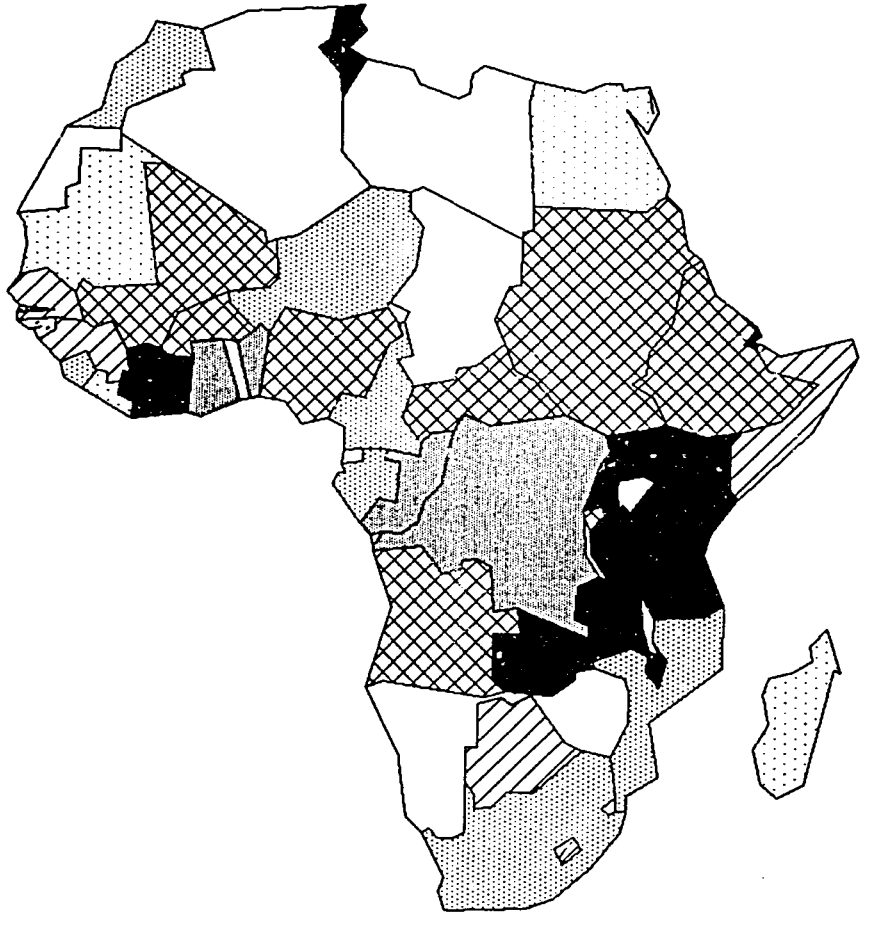
Latin America Gender Differences:	B0043	B0063	M0128	
Martinique:	C0067			
Other Caribbean:	M0020	M0131	R0011	W0033
Other South America:	C0103	G0063	G0082	

ASIA

East and Southeast Asia:	H0065	L0075	S0109	Y0013
Thailand:	T0045	T0056		
Bangkok and Chiang Mai, Thailand:	T0045	T0056	U0007	W0035
India:	B0115 S0089	K0089	M0121	M0165
Bombay, India:	R0057			
Western Asia/ Middle East :	F0038	M0101	S0127	

Map 1

African HIV-1 Seroprevalence for High-Risk Urban Populations



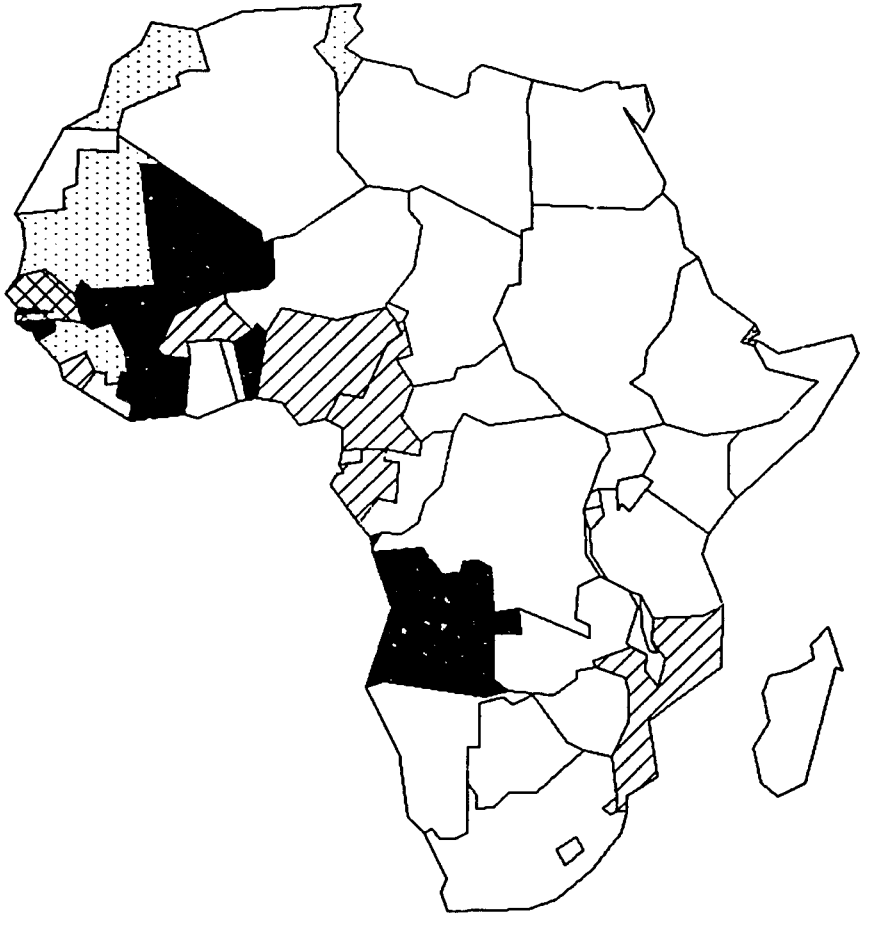
Pct. Seropositive

- 0.0 to 0.2
- 0.3 to 2.5
- 2.6 to 10.0
- 10.1 to 25.0
- 25.1 to 40.0
- Over 40.0
- No Data

HIV/AIDS Surveillance Data Base
CIR / U.S. Bureau of the Census
April, 1992

Map 2

African HIV-2 Seroprevalence for High-Risk Urban Populations



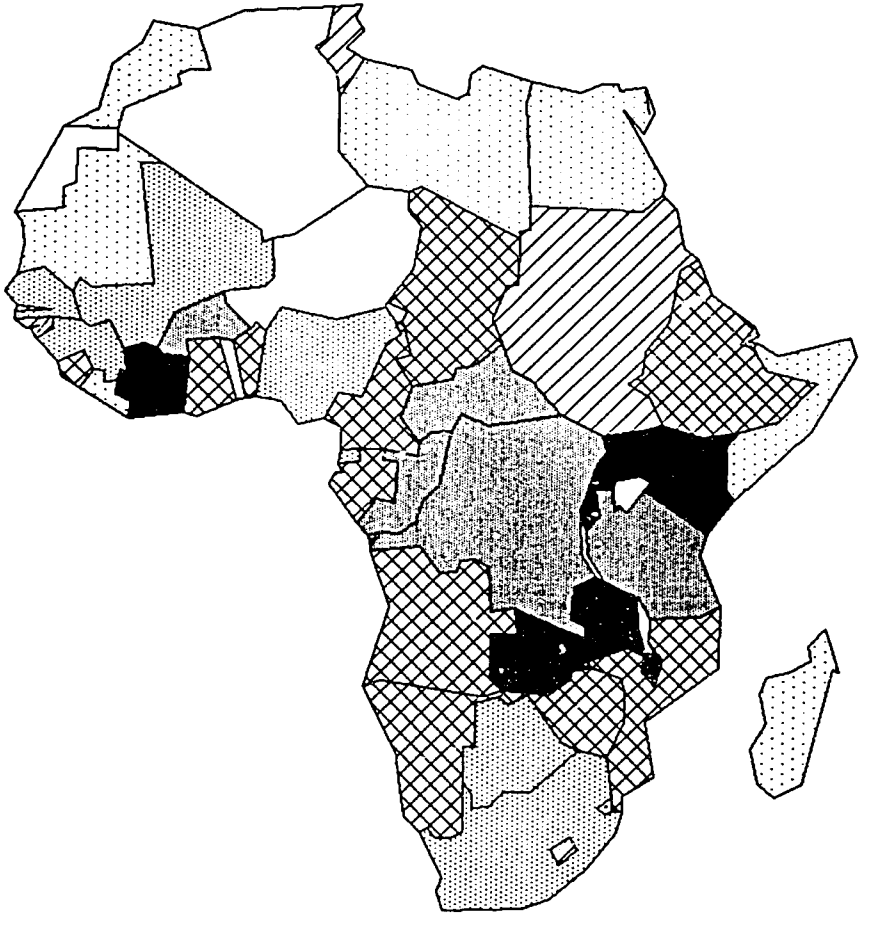
Pct. Seropositive

- 0 to .5
- 0.6 to 5.0
- 5.1 to 7.5
- 7.6 to 10.0
- 10.1 to 12.5
- Over 12.5
- No Data

HIV/AIDS Surveillance Data Base
CIR / U.S. Bureau of the Census
April, 1992

Map 3

African HIV-1 Seroprevalence for Low-Risk Urban Populations

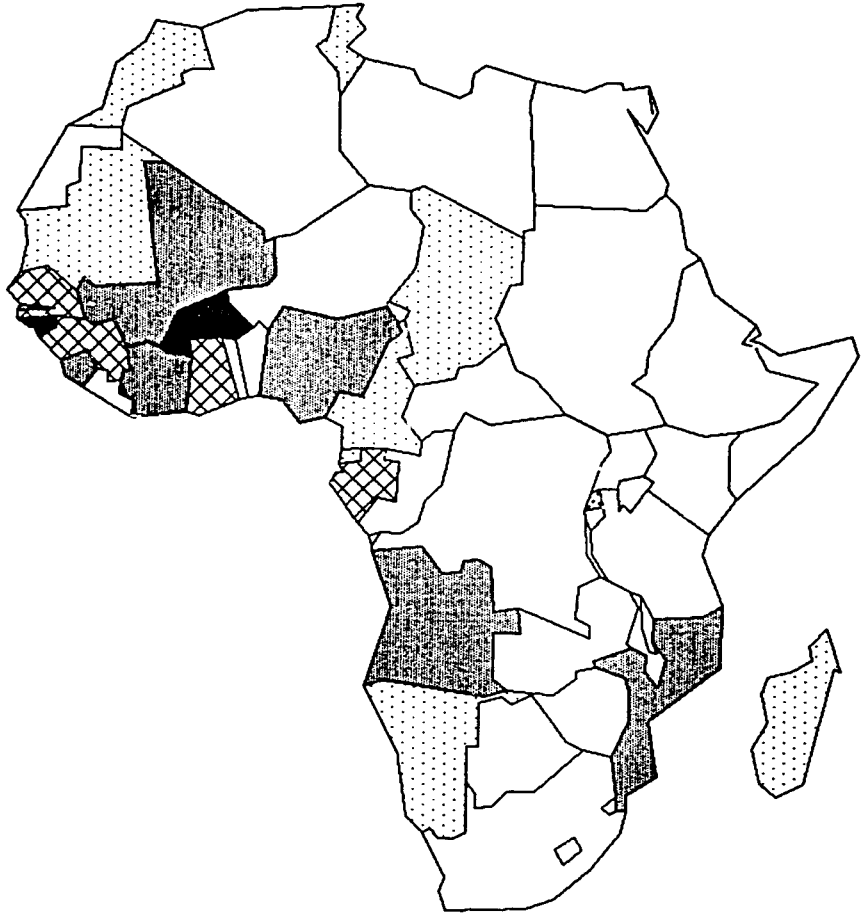


Pct. Seropositive

- Less than 0.1
- 0.1
- 0.2 to 1.0
- 1.1 to 5.0
- 5.1 to 10.0
- Over 10
- No Data

HIV/AIDS Surveillance Data Base
CIR / U.S. Bureau of the Census
April, 1992

Map 4
African HIV-2 Seroprevalence for Low-Risk Urban Populations



Pct. Seropositive

- Less than 0.1
- 0.1
- 0.2 to 1.0
- 1.1 to 5.0
- Over 5.0
- No Data

HIV/AIDS Surveillance Data Base
CIR / U.S. Bureau of the Census
April, 1992

U.S. BUREAU OF THE CENSUS -- HIV/AIDS SURVEILLANCE DATA BASE

04/92

Table 1: Estimates of HIV-1 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1991

REGION AND COUNTRY	CAPTIAL/MAJOR CITY		OUTSIDE MAJOR CITY		URBAN CITY SOURCES		OUTSIDE CITY SOURCES	
	LOW RISK	HIGH RISK	LOW RISK	HIGH RISK	LOW RISK	HIGH RISK	LOW RISK	HIGH RISK
AFRICA								
Algeria	-	-	-	-				
*Angola	1.3a	14.2a	-	-	S0110	S0043		
*Benin	1.2b	25.3a,b	.3	-	D0088	B0132	D0095	
*Botswana	.8c	1.2c	.0	.0	G0008	O0008	E0012	S0040
*Burkina Faso	8.8a	17.2a	4.1a	44.7a,b	S0145	L0086	O0029	B0092
Burundi	17.5	18.5b	-	-	S0116	G0003		
*Cameroon	2.1b	8.6	1.4	-	Z0025	K0073	N0074	
*Cape Verde	.0	.0	.0	-	A0046	B0016	A0046	
Central African Rep.	7.4	20.6	3.7	7.9	S0069	G0016	M0064	G0016
*Chad	1.1	-	.5	-	L0080		L0080	
Comoros	-	0.1	-	-		P0059		
Congo	9.0	34.3b	1.0	-	B0127	M0032	M0080	
*Djibouti	.3	41.7	.0b	-	B0037	R0051	F0017	
Egypt	.0	.2	-	-	C0101	C0101		
*Equatorial Guinea	.3	-	.3	-	J0009		J0009	
Ethiopia	2.0	18.2	.0	.0b	H0046	Z0010	Z0009	A0012
*Gabon	2.5	3.7a	.8	-	M0146	M0146	D0027	
*Gambia, The	.1	4.6a	-	.0b,c	W0027	P0062		M0031
*Ghana	2.2	37.5b	-	-	M0143	D0097		
*Guinea	.6a	.6	.2	-	K0074	L0074	F0018	
*Guinea-Bissau	.1	.0b	.5a		A0042	K0033	R0059	
*Ivory Coast	10.5a	62.5a,b	3.3a	-	E0023	K0105	B0108	
Kenya	13.0	59.2	1.0	-	T0057	V0022	P0011	
Lesotho	.1	1.0	-	-	S0075	N0075		
Liberia	.0	.0b	.0c	-	F0007	M0060	W0015	
Libya	.0	-	-	-	G0091			
*Madagascar	.0	.0	-	-	R0061	G0056		
Malawi	22.8	55.9	-	-	L0072	G0005		
*Mali	.4	42.6a	-	-	M0054	K0116		
*Mauritania	.0b	.0	-	-	C0093	M0015		
Mauritius	.0	-	-	-	K0026			
Mayotte	-	-	-	-				
*Morocco	.0	7.1b	-	-	Z0022	R0046		
*Mozambique	1.1	2.6	.8	-	D0020	D0016	B0025	
*Namibia	2.5	-	-	-	L0040			
Niger	-	5.8	-	-	B0068			
*Nigeria	.5	12.8a	.0	.5	N0052	D0082	W0028	W0028
Reunion	-	-	.0	-			G0039	
*Rwanda	30.3	79.8b,c	10.2	-	L0055	C0003	C0114	
St. Helena	-	-	-	-				
*Sao Tome & Principe	.0	-	-	-	L0022			
*Senegal	.3a	2.3a	.1	-	S0146	K0069	L0077	
Seychelles	-	-	-	-				
*Sierra Leone	3.6a	2.7a	-	-	K0060	A0032		
Somalia	.0	2.4	-	-	A0007	C0122		
South Africa	.9	3.2	.4	-	S0136	O0037	S0131	
Sudan	.1	16.0b	-	-	A0071	M0134		
Swaziland	.0b,c	-	-	-	S0001			
*Tanzania	8.9	45.0	11.9b	32.0b	U0006	M0176	H0075	H0075
Togo	-	-	-	-				
*Tunisia	.1	1.9	-	-	G0015	G0015		
Uganda	28.1	52.0	4.9	86.0b	H0063	H0066	M0195	N0003
Western Sahara	-	-	-	-				
Zaire	6.0	37.8	3.6	25.4	B0093	V0022	M0147	G0092
Zambia	24.5b	54.0b	13.0b	13.0b	T0040	T0040	T0040	T0040
Zimbabwe	3.2c	-	1.4	6.6b	Z0002		M0105	M0105

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04/92

Table 1: Estimates of HIV-1 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1991-CONT'D

REGION AND COUNTRY	CAPTIAL/MAJOR CITY		OUTSIDE MAJOR CITY		URBAN CITY SOURCES		OUTSIDE CITY SOURCES	
	LOW RISK	HIGH RISK	LOW RISK	HIGH RISK	LOW RISK	HIGH RISK	LOW RISK	HIGH RISK
ASIA AND OCEANIA								
Bahrain	-	.0	-	-		F0038		
Brunei	.0	-	-	-	V0017			
Burma	.3	1.9	-	-	V0049	Y0013		
China, People's Republic of	-	.2	-	-		D0101		
Fed. States of Micronesia	.0b	-	-	-	B0041			
French Polynesia	.0	.0	-	-	A0047	C0005		
Guam	.0b	-	-	-	B0041			
Hong Kong	.0	.0	-	-	V0017	Y0012		
India	.1	18.1	-	-	A0054	B0095		
Indonesia	.0	-	-	-	T0012			
Israel	.0	.0b	-	-	B0052	B0052		
Japan	.0	.0	-	-	S0109	S0109		
Jordan	.0c	-	.0c	-	T0021		T0021	
Kiribati	.0b	-	-	-	B0041			
Korea, Rep.	.0	.1	-	-	B0118	Y0013		
Kuwait	.0	.0	-	-	B0078	H0101		
Laos	.1	-	-	-	K0007			
Lebanon	.0	-	-	-	N0044			
Macau	.0	-	-	-	V0017			
Malaysia	.0	2.2	-	-	B0082	Y0013		
Marshall Islands	.0b	-	-	-	B0041			
Nepal	.0	-	-	-	T0012			
New Caledonia	.0	.0	.0	-	C0089	C0089	C0089	
Palau	.0b	-	-	-	B0041			
Papua New Guinea	.0	.7	.0b	-	V0017	V0017	B0041	
Pakistan	.0	-	-	-	K0083			
Philippines	.0	.1	-	.1	D0033	D0033		H0025
Saudi Arabia	.0	-	-	-	S0073			
Singapore	.0	.0	-	-	V0017	V0017		
Sri Lanka	.0	.0	-	-	T0012	T0012		
Syria	.0	-	-	-	M0139			
Taiwan	.0	.0	-	-	H0065	L0002		
Thailand	1.1	26.8	-	-	T0059	T0059		
Turkey	.0	1.6	-	-	R0044	B0088		
Tuvalu	.0b	-	-	-	B0041			
Vanuatu	.0b	-	-	-	B0041			
Vietnam	.0	.0	-	-	V0044	V0042		
LATIN AMERICA/CARIBBEAN								
Antigua & Barbuda	-	1.7	-	-		N0033		
Argentina	.3	5.8	.2	2.0	F0024	M0088	F0037	F0037
Bahamas, The	.5	-	-	-	O0024			
Barbados	.1	-	-	-	P0027			
Bolivia	.0	.0	-	.0b	M0078	M0078		B0042
*Brazil	1.2	3.0	.0	.0b	L0076	C0048	A0023	T0046
Colombia	.1	14.6	-	-	B0027	B0043		
Costa Rica	.0	.0	-	-	M0061	M0061		
*Cuba	.0	.0	-	-	M0131	M0131		
Dominica Rep.	1.6	2.6	-	-	S0058	R0025		
*Ecuador	.0	.0	-	-	R0020	R0054		
Guadaloupe	.2	-	-	-	D0028			
Guyana	-	.0b	-	-		W0033		
Haiti	5.0	41.9	3.0	-	M0169	G0048	P0041	
Honduras	-	3.9	-	-		V0051		
Jamaica	.3	14.6b	-	-	F0012	W0036		

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04/92

Table 1: Estimates of HIV-1 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1991-CONT'D

REGION AND COUNTRY	CAPTIAL/MAJOR CITY		OUTSIDE MAJOR CITY		URBAN CITY SOURCES		OUTSIDE CITY SOURCES	
	LOW RISK	HIGH RISK	LOW RISK	HIGH RISK	LOW RISK	HIGH RISK	LOW RISK	HIGH RISK
LATIN AMERICA/CARIBBEAN CONT'D								
Martinique	.5	38.9b	-	-	C0067	C0033		
Mexico	.7	2.2	-	-	V0015	U0005		
Nicaragua	.0	-	-	-	A0067			
Panama	.0	.0	-	-	P0018	R0016		
Paraguay	-	.1	-	-		C0112		
Peru	.1	.3	-	-	A0014	A0014		
St. Lucia	.5	-	-	-	C0106			
Trinidad & Tobago	.9	13.0	-	-	S0058	N0033		
Venezuela	.0	-	.0	-	A0022		A0022	

- No data found
* See table 2 for HIV-2 data
a Rate represents infection with HIV1 only and dual infection (HIV1 & HIV2), therefore addition of rates from table 1 and 2 is not advised.
b Data are best available but are not necessarily reliable due to small sample size (<100).
c Data refer to prior to 1986.

NOTES:
Definition: High risk--prostitutes and clients, STD patients, or other persons with know risk factors.
Low risk--pregnant women, blood donors, or others persons with no known risk factors.

SOURCE: U.S. Bureau of the Census, HIV/AIDS Surveillance Data Base, 04/92 Update.

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04/92

Table 2: Estimates of HIV-2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1991

	CAPTIAL/MAJOR CITY		OUTSIDE MAJOR CITY		URBAN CITY SOURCES		OUTSIDE CITY SOURCES	
	LOW RISK	HIGH RISK	LOW RISK	HIGH RISK	LOW RISK	HIGH RISK	LOW RISK	HIGH RISK
AFRICA								
*Angola	1.3a	13.7a	-	-	S0110	S0043		
*Benin	-	13.3a,b	.0	-		B0132	D0095	
*Botswana	-	-	.0	-			E0012	
*Burkina Faso	5.6a	3.6a	1.9a	23.7a,b	S0145	L0086	O0029	B0092
*Cameroon	.0	.7	.0	-	K0070	K0073	N0074	
*Cape Verde	1.4	8.2	.4	-	A0046	B0016	A0046	
*Chad	.0	-	.0	-	L0080		L0080	
*Djibouti	-	.0	-	-		R0051		
*Equatorial Guinea	.0	-	.0	-	J0009		J0009	
*Gabon	.4	1.0a	.0	-	M0146	M0146	D0027	
*Gambia, The	1.7	28.6a	-	3.2b,c	W0027	P0062		M0031
*Ghana	.6	-	-	-	M0143			
*Guinea	.2a	.3	.0	-	K0074	L0074	F0018	
*Guinea-Bissau	6.5	64.1b	8.3a	-	A0042	K0033	R0059	
*Ivory Coast	2.7a	27.7a,b	2.1a	-	E0023	K0105	B0108	
*Madagascar	.0	-	-	-	C0061			
*Mali	1.4	47.9a	-	-	M0054	K0116		
*Mauritania	.0b	.0	-	-	C0093	M0015		
*Morocco	.0	.0b	-	-	Z0022	R0046		
*Mozambique	2.2	1.1	-	-	D0020	D0016		
*Namibia	.0	-	-	-	L0040			
*Nigeria	1.2	2.7a	.1	.7	N0052	D0082	W0028	W0028
*Rwanda	.0	-	.0	-	B0045		B0045	
*Sao Tome & Principe	.0	-	-	-	L0022			
*Senegal	.5a	10.0a	.8	-	S0146	K0069	L0077	
*Sierra Leone	5.0a	1.8a	-	-	K0060	A0032		
*Tanzania	-	-	.1	.3			B0094	B0094
*Tunisia	.0	.0	-	-	G0015	G0015		
LATIN AMERICA AND CARIBBEAN								
*Brazil	.0	-	-	.0b	L0076			C0048
*Cuba	.0	-	-	-	M0131			
*Ecuador	-	.0b	-	-		C0103		

- No data found
* See table 1 for HIV-1 data.
a Rate represents infection with HIV-2 only and dual infection (HIV1 & HIV2), therefore addition of rates from table 1 and 2 is not advised.
b Data are best available but are not necessarily reliable due to small sample size (<100).
c Data refer to prior to 1986.

NOTES:
Definition: High risk -- prostitutes and clients, STD patients, or other persons with known risk factors.
Low risk -- pregnant women, blood donors, or others persons with no known risk factors 04/92

SOURCE: U.S. Bureau of the Census, HIV/AIDS Surveillance Data Base, 04/92 Update.

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Table 3: Detailed Listing of Estimates of HIV-1 & 2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1991

REGION AND COUNTRY	RISK AREA	GEOGRAPHIC AREA	YEAR	SUB-POPULATION	SEX	AGE	PREV. RATE	SIZE	TYPE	TEST	SOURCE ID
AFRICA											
ANGOLA	UL	LUANDA CITY	1987-88	HEALTHY PERSONS	B	ALL	1.3a	316	HIV1	ELISA, WB	S0110
	UL2	LUANDA CITY	1987-88	HEALTHY PERSONS	B	ALL	1.3a	316	HIV2	ELISA, WB	S0110
	UH	DUNDO CITY	1988	STD PTS.	B	ALL	14.2a	219	HIV1	ELISA, WB	S0043
	UH2	DUNDO CITY	1988	STD PTS.	B	ALL	13.7a	219	HIV2	ELISA, WB	S0043
BENIN	UL	PORTO NOVO	1990	PREGNANT WOMEN	F	ALL	1.2b	N/A	HIV	ELISA, WB	D0088
	+UH	ATLANTIC PRO.	1990	PROSTITUTES	F	ALL	25.3a,b	75	HIV1	ELISA, WB	B0132
	+UH2	ATLANTIC PRO.	1990	PROSTITUTES	F	ALL	13.3a,b	75	HIV2	ELISA, WB	B0132
	+OL	DANGBO	1991	PREGNANT WOMEN	F	ALL	.3	300	HIV1	ELISA, WB	D0095
	+OL2	DANGBO	1991	PREGNANT WOMEN	F	ALL	.0	300	HIV2	ELISA, WB	D0095
BOTSWANA	UL	URBAN AREA	1984(?)	BLOOD DONORS	B	ALL	.8c	6619	HIV	ELISA	O0008
	UH	URBAN AREA	1984(?)	STD PTS.	B	ALL	1.2c	500	HIV	ELISA	O0008
	+OL	GHANZI	1987	RURAL POPULATION	B	ALL	.0	180	HIV1	ELISA, WB	E0012
	+OL2	GHANZI	1987	RURAL POPULATION	B	ALL	.0	180	HIV2	ELISA, WB	E0012
	+OH	MANU RURAL AREA	1985-87	STD CLINIC PTS.	F	ALL	.0	175	HIV	ELISA, WB	S0040
BURKINA FASO	+UL	BOBO DIOULASSO	1990-91	PREGNANT WOMEN	F	ALL	8.8a	125	HIV1	RIPA, WB	S0145
	+UL2	BOBO DIOULASSO	1990-91	PREGNANT WOMEN	F	ALL	5.6a	125	HIV2	RIPA, WB	S0145
	+UH	BOBO DIOULASSO	1990-91	STD PTS.	M	ALL	17.2a	192	HIV1	ELISA, WB	L0086
	+UH2	BOBO DIOULASSO	1990-91	STD PTS.	M	ALL	3.6a	192	HIV2	ELISA, WB	L0086
	+OL	GOROM-GOROM TOWN	1989	HLT. PROFESSIONALS	B	ALL	4.1a	267	HIV1	ELISA, WB	O0029
	OL2	GOROM-GOROM TOWN	1989	HLT. PROFESSIONALS	B	ALL	1.9a	267	HIV2	ELISA, WB	O0029
	OH	RURAL AREA	1989(?)	PROSTITUTES	F	ALL	44.7a,b	38	HIV1	ELISA, WB	B0092
	OH2	RURAL AREA	1989(?)	PROSTITUTES	F	ALL	23.7a,b	38	HIV2	ELISA, WB	B0092
BURUNDI	UL	BUJUMBURA	1990(?)	PREGNANT WOMEN	F	ALL	17.5	1255	HIV	ELISA	S0116
	UH	BUTEZI	1986	STD PTS.	B	ALL	18.5b	65	HIV	ELISA, WB	G0003
CAMEROON	+UL	YAOUNDE	1991	PREGNANT WOMEN	F	ALL	2.1b	N/A	HIV1	ELISA, WB	Z0025
	UL2	YAOUNDE	1989	PREGNANT WOMEN	F	ALL	.0	900	HIV2	ELISA	K0070
	UH	YAOUNDE	1989-90	PROSTITUTES	F	ALL	8.6	303	HIV1	ELISA, WB	K0073
	UH2	YAOUNDE	1989-90	PROSTITUTES	F	ALL	.7	303	HIV2	ELISA, WB	K0073
	+OL	SOUTH AREAS	1991(?)	GENERAL POPULATION	B	ALL	1.4	779	HIV1	ELISA, WB	N0074
	+OL2	SOUTH AREAS	1991(?)	GENERAL POPULATION	B	ALL	.0	779	HIV2	ELISA, WB	N0074
CAPE VERDE	UL	PARIA	1988	GEN. URBAN POP.	B	ALL	.0	900	HIV1	ELISA, WB	A0046
	UL2	PARIA	1988	GEN. URBAN POP.	B	ALL	1.4	900	HIV2	ELISA, WB	A0046
	UH	PRAIA-SANT ISL	1987	PRISONERS	M	ALL	.0	110	HIV1	ELISA, WB	B0016
	UH2	PRAIA-SANT ISL	1987	PRISONERS	M	ALL	8.2	110	HIV2	ELISA, WB	B0016
	OL	FOGO	1988	GENERAL RURAL POP	B	ALL	.0	900	HIV1	ELISA, WB	A0046
	OL2	FOGO	1988	GENERAL RURAL POP	B	ALL	.4	900	HIV2	ELISA, WB	A0046
CEN. AFR. REPUBLIC	UL	BANGUI	1989	BLOOD DONORS	B	ALL	7.4	1048	HIV	ELISA, WB	S0069
	UH	BANGUI	1986	PROSTITUTES	F	ALL	20.6	179	HIV	ELISA, WB	G0016
	OL	BAMBARI	1987	ADULTS	B	ALL	3.7	374	HIV	ELISA, WB	M0064
	OH	BOZOUM	1987	PROMISCUOUS IND.	B	ALL	7.9	114	HIV1	ELISA, WB	G0016

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Table 3: Detailed Listing of Estimates of HIV-1 & 2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1991 - CONT'D

REGION AND COUNTRY	RISK AREA	GEOGRAPHIC AREA	YEAR	SUB-POPULATION	SEX	AGE	PREV. RATE	SIZE	TYPE	TEST	SOURCE ID
AFRICA - cont'd											
CHAD	UL	N'DJAMENA	1989	ADULTS	B	ALL	1.1	382	HIV1	ELISA, WB	L0080
	UL2	N'DJAMENA	1989	ADULTS	B	ALL	.0	382	HIV2	ELISA, WB	L0080
	OL	SAHR	1989	ADULTS	B	ALL	.5	367	HIV1	ELISA, WB	L0080
	OL2	SAHR	1989	ADULTS	B	ALL	.0	367	HIV2	ELISA, WB	L0080
COMOROS	UH	MORONI	1987-88	STD OUT-PTS.	B	ALL	.1	719	HIV1	ELISA, WB	P0059
CONGO	+UL	BRAZZAVILLE	1991	PREGNANT WOMEN	F	ALL	9.0	300	HIV	ELISA	B0127
	UH	BRAZZAVILLE	1987	PROSTITUTES	F	ALL	34.3b	67	HIV	ELISA	M0032
	OL	FIVE VILLAGES	1989(?)	GENERAL POPULATION	B	ALL	1.0	526	HIV	ELISA	M0080
DJIBOUTI	UL	DJIBOUTI	1987-88	GENERAL POPULATION	B	ALL	.3	1760	HIV1	ELISA, WB	B0037
	UH	DJIBOUTI	1990	STREET PROSTITUTES	F	ALL	41.7	115	HIV1	ELISA, WB	R0051
	UH2	DJIBOUTI	1990	STREET PROSTITUTES	F	ALL	.0	115	HIV2	ELISA, WB	R0051
	OL	RANDA VILLAGE	1987	CONTROL-RURAL POP.	B	ALL	.0b	69	HIV	ELISA, WB	F0017
EGYPT	UL	CAIRO	1986-89	BLOOD DONORS	B	ALL	.0	9030	HIV1	ELISA, WB	C0101
	UH	CAIRO	1986-89	STD PTS.	B	ALL	.2	2163	HIV1	ELISA, WB	C0101
EQUATORIAL GUINEA	UL	BATA	1988	GEN. URBAN POP.	B	ALL	.3	389	HIV1	ELISA, WB	J0009
	UL2	BATA	1988	GEN. URBAN POP.	B	ALL	.0	389	HIV2	ELISA, WB	J0009
	OL	NSORK	1986	GEN. RURAL POP.	B	ALL	.3	403	HIV1	ELISA, WB	J0009
	OL2	NSORK	1986	GEN. RURAL POP.	B	ALL	.0	403	HIV2	ELISA, WB	J0009
ETHIOPIA	UL	ADDIS ABABA	1989	PREGNANT WOMEN	F	ALL	2.0	440	HIV1	ELISA, WB	H0046
	UH	ADDIS ABABA	1989(?)	PROSTITUTES	F	ALL	18.2	330	HIV1	ELISA, WB	Z0010
	OL	RURAL AREA	1988(?)	RURAL POPULATION	B	ALL	.0	1000	HIV1	ELISA, WB	Z0009
	OH	RURAL AREA	1987(?)	PROSTITUTES	F	ALL	.0b	24	HIV1	ELISA, WB	A0012
GABON	UL	LIBREVILLE	1988	BLOOD DONORS	B	ALL	2.5	2895	HIV1	ELISA, WB	M0146
	UL2	LIBREVILLE	1988	BLOOD DONORS	B	ALL	.4	2895	HIV2	ELISA, WB	M0146
	UH	LIBREVILLE	1988	STD PTS.	B	ALL	3.7a	222	HIV1	ELISA, WB	M0146
	UH2	LIBREVILLE	1988	STD PTS.	B	ALL	1.0a	222	HIV2	ELISA, WB	M0146
	OL	NGOUNIE PRO.	1986-87	ADULTS RURAL POP.	B	ALL	.8	371	HIV1	ELISA, WB	D0027
	OL2	NGOUNIE PRO.	1986-87	ADULTS RURAL POP.	B	ALL	.0	371	HIV2	ELISA, WB	D0027
GAMBIA, THE	UL	FOUR AREAS	1991(?)	ADULTS	B	ALL	.1	4228	HIV1	ELISA, WB	W0027
	UL2	FOUR AREAS	1991(?)	ADULTS	B	ALL	1.7	4228	HIV2	ELISA, WB	W0027
	+UH	URBAN AREAS	1989	PROSTITUTES	F	ALL	4.6a	241	HIV1	ELISA, WB	P0062
	+UH2	URBAN AREAS	1989	PROSTITUTES	F	ALL	28.6a	241	HIV2	ELISA, WB	P0062
	OH	BASSE TOWN	1985	PROSTITUTES	F	ALL	.0b,c	31	HIV1	ELISA, WB	M0031
	OH2	BASSE TOWN	1985	PROSTITUTES	F	ALL	3.2b,c	31	HIV2	ELISA, WB	M0031
GHANA	UL	NOT SPECIFIED	1990(?)	BLOOD DONORS	B	ALL	2.2	14362	HIV1	ELISA, WB	M0143
	UL2	NOT SPECIFIED	1990(?)	BLOOD DONORS	B	ALL	.6	14362	HIV2	ELISA, WB	M0143
	+UH	NOT SPECIFIED	1991	PROSTITUTES	F	ALL	37.5b	56	HIV	GENIE, WB	D0097

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Table 3: Detailed Listing of Estimates of HIV-1 & 2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1991 - CONT'D

REGION AND COUNTRY	RISK AREA	GEOGRAPHIC AREA	YEAR	SUB-POPULATION	SEX	AGE	PREV. RATE	SIZE	TYPE	TEST	SOURCE ID
AFRICA - cont'd											
GUINEA	UL	CONAKRY	1990	BLOOD DONORS - VOL.	B	ALL	.6a	1747	HIV1	ELISA, WB	K0074
	UL2	CONAKRY	1990	BLOOD DONORS - VOL.	B	ALL	.2a	1747	HIV2	ELISA, WB	K0074
	UH	SIX AREAS	1990-91	STD OUT-PTS.	B	ALL	.6	711	HIV1	ELISA, WB	L0074
	UH2	SIX AREAS	1990-91	STD OUT-PTS.	B	ALL	.3	711	HIV2	ELISA, WB	L0074
	OL	FRIA	1987-88	BLOOD DONORS	B	ALL	.2	480	HIV1	ELISA, WB	F0018
	OL2	FRIA	1987-88	BLOOD DONORS	B	ALL	.0	480	HIV2	ELISA, WB	F0018
GUINEA-BISSAU	UL	BISSAU	1987-88	PREGNANT WOMEN	F	ALL	.1	3246	HIV1	ELISA, WB	A0042
	UL2	BISSAU	1987-88	PREGNANT WOMEN	F	ALL	6.5	3246	HIV2	ELISA, WB	A0042
	UH	BISSAU	1985-87	PROSTITUTES	F	ALL	.0b	39	HIV1	RIPA, WB	K0033
	UH2	BISSAU	1985-87	PROSTITUTES	F	ALL	64.1b	39	HIV2	RIPA, WB	K0033
	+OL	RURAL AREA	1991(?)	ADULTS	B	ALL	.5a	2770	HIV1	ELISA, P-LAV, WB	R0059
	+OL2	RURAL AREA	1991(?)	ADULTS	B	ALL	8.3a	2770	HIV2	ELISA, P-LAV, WB	R0059
IVORY COAST	+UL	ABIDJAN	1990-91	PREGNANT WOMEN	F	ALL	10.5a	9635	HIV1	ELISA, WB	E0023
	+UL2	ABIDJAN	1990-91	PREGNANT WOMEN	F	ALL	2.7a	9635	HIV2	ELISA, WB	E0023
	+UH	ABIDJAN	1990	PROSTITUTES	F	ALL	62.5a,b	72	HIV1	UNK	K0105
	+UH2	ABIDJAN	1990	PROSTITUTES	F	ALL	27.7a,b	72	HIV2	UNK	K0105
	OL	RURAL AREA	1989	ADULTS	B	ALL	3.3a	3199	HIV1	ELISA, WB	B0108
	OL2	RURAL AREA	1989	ADULTS	B	ALL	2.1a	3199	HIV2	ELISA, WB	B0108
KENYA	+UL	NAIROBI	1991	PREGNANT WOMEN	F	ALL	13.0	1092	HIV1	UNK	T0057
	UH	NAIROBI	1989(?)	PROSTITUTES	F	ALL	59.2	125	HIV1	ELISA, IFA, WB	V0022
	OL	KITALE AREA	1986	ADULTS	B	ALL	1.0	101	HIV	ELISA, WB	P0011
LESOTHO	UL	NOT SPECIFIED	1988	GENERAL POPULATION	B	ALL	.1	3000	HIV1	UNK	S0075
	+UH	NOT SPECIFIED	1988-89	NEW STD CLINIC PTS.	B	ALL	1.0	1073	HIV	ELISA	N0075
LIBERIA	UL	NIMBA	1987	BLD DONORS - VOL	B	ALL	.0	326	HIV1	ELISA	F0007
	UH	MONROVIA	1987	PROSTITUTES	F	ALL	.0b	30	HIV	ELISA, WB	M0060
	OL	RURAL AREA	1976-84	VILLAGES	B	ALL	.0c	935	HIV1	IFA	W0015
LIBYA	+UL	BENGHAZI CITY	1987-89	BLOOD DONORS	B	ALL	.0	6211	HIV	UNK	G0091
MADAGASCAR	+UL	ANTANANARIVO	1990	BLOOD DONORS	B	ALL	.0	1629	HIV1	ELISA, WB	R0061
	UL2	TANANARIVE R.	1988	GENERAL POPULATION	B	ALL	.0	448	HIV2	ELISA, WB	C0061
	UH	URBAN AREAS	1988	"HIGH RISK WOMEN"	F	ALL	.0	269	HIV	ELISA, WB	G0056
MALAWI	UL	URBAN AREA	1990(?)	PREGNANT WOMEN	F	ALL	22.8	6482	HIV1	ELISA, WB	L0072
	UH	BLANTYRE	1986	PROSTITUTES	F	ALL	55.9	265	HIV1	ELISA, IFA WB	G0005
MALI	UL	BAMAKO	1987	PREGNANT WOMEN	F	ALL	.4	573	HIV1	ELISA, IFA	M0054
	UL2	BAMAKO	1987	PREGNANT WOMEN	F	ALL	1.4	573	HIV2	ELISA, IFA	M0054
	+UH	BAMAKO	1989	PROSTITUTES	F	ALL	42.6a	115	HIV1	ELISA, P-LAV, WB	K0116
	+UH2	BAMAKO	1989	PROSTITUTES	F	ALL	47.9a	115	HIV2	ELISA, P-LAV, WB	K0116

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Table 3: Detailed Listing of Estimates of HIV-1 & 2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1991 - CONT'D

REGION AND COUNTRY	RISK AREA	GEOGRAPHIC AREA	YEAR	SUB-POPULATION	SEX	AGE	PREV. RATE	SIZE	TYPE	TEST	SOURCE ID
AFRICA - cont'd											
MAURITANIA	UL	NOUAKCHOTT	1987-88	PREGNANT WOMEN	F	ALL	.0b	56	HIV1	ELISA, WB	C0093
	UL2	NOUAKCHOTT	1987-88	PREGNANT WOMEN	F	ALL	.0b	56	HIV2	ELISA, WB	C0093
	UH	NOUAKCHOTT	1986(?)	STD PTS.	B	ALL	.0	149	HIV1	ELISA, WB	M0015
	UH2	NOUAKCHOTT	1986(?)	STD PTS.	B	ALL	.0	149	HIV2	ELISA, WB	M0015
MAURITIUS	UL	NATIONAL	1985-88	GENERAL POPULATION	B	ALL	.0	13487	HIV	WB	K0026
MOROCCO	+UL	CASABLANCA	1991(?)	PREGNANT WOMEN	F	ALL	.0	300	HIV1	ELISA, WB	Z0022
	+UL2	CASABLANCA	1991(?)	PREGNANT WOMEN	F	ALL	.0	300	HIV2	ELISA, WB	Z0022
	UH	CASABLANCA	1990(?)	PROSTITUTES	F	ALL	7.1b	28	HIV1	UNK	R0046
	UH2	CASABLANCA	1990(?)	PROSTITUTES	F	ALL	.0b	28	HIV2	UNK	R0046
MOZAMBIQUE	UL	MAPUTO CITY	1987	HEALTHY PERSONS	B	ALL	1.1	536	HIV1	ELISA, WB	D0020
	UL2	MAPUTO CITY	1987	HEALTHY PERSONS	B	ALL	2.2	536	HIV2	ELISA, WB	D0020
	UH	MAPUTO CITY	1987	STD PTS.	B	ALL	2.6	190	HIV1	ELISA, WB	D0016
	UH2	MAPUTO CITY	1987	STD PTS.	B	ALL	1.1	190	HIV2	ELISA, WB	D0016
	OL	9 PROVINCES	1987	BLOOD DONORS	B	ALL	.8	2370	HIV1	ELISA, WB	B0025
NAMIBIA	UL	EAST CAPRIVIA	1988(?)	BLACK PERSONS	B	ALL	2.5	708	HIV1	ELISA, WB	L0040
	UL2	EAST CAPRIVIA	1988(?)	BLACK PERSONS	B	ALL	.0	704	HIV2	ELISA, WB	L0040
NIGER	UH	NOT SPECIFIED	1989(?)	PROSTITUTES	F	ALL	5.8	604	HIV	ELISA, WB	B0068
NIGERIA	UL	NOT SPECIFIED	1987-89	GENERAL POPULATION	B	ALL	.5	8000	HIV1	UNK	N0052
	UL2	NOT SPECIFIED	1987-89	GENERAL POPULATION	B	ALL	1.2	8000	HIV2	UNK	N0052
	UH	LAGOS STATE	1990	PROSTITUTES	F	ALL	12.8a	900	HIV1	ELISA, WB	D0082
	UH2	LAGOS STATE	1990	PROSTITUTES	F	ALL	2.7a	900	HIV2	ELISA, WB	D0082
	OL	BOR/CRO. R. S.	1987-88	BLOOD DONORS	B	ALL	.0	870	HIV1	ELISA, RIPA	W0028
	OL2	BOR/CRO. R. S.	1987-88	BLOOD DONORS	B	ALL	.1	870	HIV2	ELISA, RIPA	W0028
	OH	BOR/CRO. R. S.	1987-88	PROSTITUTES	F	ALL	.5	616	HIV1	ELISA, RIPA	W0028
	OH2	BOR/CRO. R. S.	1987-88	PROSTITUTES	F	ALL	.7	616	HIV2	ELISA, RIPA	W0028
REUNION	OL	NORTH DISTRICT	1985-86	BLOOD DONORS	B	ALL	.0c	15970	HIV	ELISA, WB	G0039
RWANDA	UL	KIGALI	1989	PREGNANT WOMEN	F	ALL	30.3	900	HIV1	ELISA, WB	L0055
	UL2	URBAN AREAS	1986	GEN. URBAN POP.	B	ALL	.0	1870	HIV2	ELISA, WB	B0045
	UH	BUTARE	1983-84	PROSTITUTES	F	ALL	79.8b,c	84	HIV1	ELISA, WB	C0003
	OL	RURAL AREAS	1989-91	PREGNANT WOMEN	F	ALL	10.2	3649	HIV1	ELISA, WB	C0114
	OL2	RURAL AREAS	1986	GEN. RURAL POP.	B	ALL	.0	742	HIV2	ELISA, WB	B0045
SAO TOME AND PRIN.	UL	SAO TOME	1988	GENERAL POPULATION	B	ALL	.0	100	HIV1	ELISA, WB	L0022
	UL2	SAO TOME	1988	GENERAL POPULATION	B	ALL	.0	100	HIV2	ELISA, WB	L0022
SENEGAL	+UL	DAKAR	1991	PREGNANT WOMEN	F	ALL	.3a	4032	HIV1	WB	S0146
	+UL2	DAKAR	1991	PREGNANT WOMEN	F	ALL	.5a	4032	HIV2	WB	S0146
	UH	DAKAR	1989(?)	PROSTITUTES - REG.	F	ALL	2.3a	1460	HIV1	RIPA, WB	K0069
	UH2	DAKAR	1989(?)	PROSTITUTES - REG.	F	ALL	10.0a	1460	HIV2	RIPA, WB	K0069
	OL	CASAMANCE	1986-89	ADULTS	B	ALL	.1	3239	HIV1	ELISA, WB	L0077
	OL2	CASAMANCE	1986-89	ADULTS	B	ALL	.8	3239	HIV2	ELISA, WB	L0077

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Table 3: Detailed Listing of Estimates of HIV-1 & 2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1991 - CONT'D

REGION AND COUNTRY	RISK AREA	GEOGRAPHIC AREA	YEAR	SUB-POPULATION	SEX	AGE	PREV. RATE	SIZE	TYPE	TEST	SOURCE ID
AFRICA - cont'd											
SIERRA LEONE	UL	FREETOWN	1987-89	BLOOD DONORS	B	ALL	3.6a	285	HIV1	ELISA, WB	K0060
	UL2	FREETOWN	1987-89	BLOOD DONORS	B	ALL	5.0a	285	HIV2	ELISA, WB	K0060
	UH	FREETOWN	1988	STD CLINIC PTS.	B	ALL	2.7a	332	HIV1	ELISA, WB	A0032
	UH2	FREETOWN	1988	STD CLINIC PTS.	B	ALL	1.8a	332	HIV2	ELISA, WB	A0032
SOMALIA	UL	MOGADISHU	1986-87	BLOOD DONORS	B	ALL	.0	745	HIV	ELISA, WB	A0007
	UH	MOGADISHU	1990	PROSTITUTES	F	ALL	2.4	246	HIV1	ELISA, WB	C0122
SOUTH AFRICA	UL	MDANTSANE	1990	PREGNANT WOMEN	F	ALL	.9	1000	HIV	ELISA, WB	S0136
	+UH	DURBAN	1988-89	STD CLINIC PTS.	F	ALL	3.2	937	HIV1	ELISA, WB	O0037
	OL	RURAL AREA	1989-91	PREGNANT WOMEN	F	ALL	.4	3100	HIV1	UNK	S0131
SUDAN	UL	NOT SPECIFIED	1989	BLOOD DONORS	B	ALL	.1	47060	HIV	UNK	A0071
	UH	JUBA	1989	PROSTITUTES	F	ALL	16.0b	50	HIV1	ELISA, WB	M0134
SWAZILAND	UL	NOT SPECIFIED	1985(?)	VARIOUS GROUPS	B	ALL	.0b,c	22	HIV1	ELISA, IFA	S0001
TANZANIA	UL	DAR ES SALAAM	1989	PREGNANT WOMEN	B	ALL	8.9	3001	HIV1	ELISA, WB	U0006
	+UH	DAR ES SALAAM	1988	BAR WORKERS	F	ALL	45.0	161	HIV1	ELISA, WB	M0176
	+OL	MBEYA REG./RURAL	1991	PREGNANT WOMEN	F	ALL	11.9b	N/A	HIV	UNK	H0075
	OL2	RURAL AREAS	1989(?)	ADULTS	B	ALL	.1	819	HIV2	ELISA, WB	B0094
	+OH	MBEYA REGION	1990	STD PTS.	B	ALL	32.0b	N/A	HIV	UNK	H0075
	OH2	N. MARA REG.	1989(?)	HIGH RISK GROUP	B	ALL	.3	307	HIV2	ELISA, WB	B0094
TUNISIA	UL	NOT SPECIFIED	1985-87	BLOOD DONORS	B	ALL	.1	1472	HIV1	ELISA, WB	G0015
	UL2	NOT SPECIFIED	1985-87	BLOOD DONORS	B	ALL	.0	1472	HIV2	ELISA, WB	G0015
	UH	NOT SPECIFIED	1985-87	PROSTITUTES	F	ALL	1.9	373	HIV1	ELISA, WB	G0015
	UH2	NOT SPECIFIED	1985-87	PROSTITUTES	F	ALL	.0	373	HIV2	ELISA, WB	G0015
UGANDA	UL	KAMPALA	1989-90	PREGNANT WOMEN	F	ALL	28.1	3601	HIV1	ELISA	H0063
	+UH	KAMPALA	1989-90	STD CLINIC PTS.	F	ALL	52.0	642	HIV	ELISA	H0066
	+OL	MASAKA DISTRICT	1988-89	RURAL POPULATION	B	ALL	4.9	7798	HIV1	ELISA, WB	M0195
	OH	RAKAI DISTRICT	1987(?)	PROSTITUTES	F	ALL	86.0b	N/A	HIV	UNK	N0003
ZAIRE	UL	KINSHASA	1989(?)	PREGNANT WOMEN	F	ALL	6.0	1491	HIV1	ELISA, WB	B0093
	UH	KINSHASA	1989(?)	PROSTITUTES	F	ALL	37.8	500	HIV	ELISA, IFA/ WB	V0022
	OL	MUSOSHI	1989-90	PREGNANT WOMEN	F	ALL	3.6	357	HIV1	ELISA	M0147
	+OH	HAUT-ZAIRE REG.	1991(?)	PROSTITUTES	F	ALL	25.4	126	HIV1	ELISA, IFA/ WB	G0092
ZAMBIA	UL	LUSAKA	1990(?)	PREGNANT WOMEN	F	ALL	24.5b	N/A	HIV	UNK	T0040
	UH	LUSAKA	1990(?)	STD CLINIC PTS.	B	ALL	54.0b	N/A	HIV	UNK	T0040
	OL	MUKINGE	1990(?)	PREGNANT WOMEN	F	ALL	13.0b	N/A	HIV	UNK	T0040
	OH	MUKINGE	1990(?)	STD CLINIC PTS.	B	ALL	13.0b	N/A	HIV	UNK	T0040
ZIMBABWE	UL	HARARE	1985	BLOOD DONORS	B	ALL	3.2c	711	HIV	ELISA	Z0002
	OL	RURAL AREA	1987	PREGNANT WOMEN	F	ALL	1.4	139	HIV1	ELISA, IFA WB	M0105
	OH	RURAL AREA	1987	STD PTS.	M	ALL	6.6b	61	HIV1	ELISA, IFA, WB	M0105

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Table 3: Detailed Listing of Estimates of HIV-1 & 2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1991 - CONT'D

REGION AND COUNTRY	RISK AREA	GEOGRAPHIC AREA	YEAR	SUB-POPULATION	SEX	AGE	PREV. RATE	SIZE	TYPE	TEST	SOURCE ID
ASIA/OCEANIA											
BAHRAIN	UH	NOT SPECIFIED	1990(?)	STD CLINIC PTS.	B	ALL	.0	1026	HIV	UNK	F0038
BRUNEI	UL	NOT SPECIFIED	1986-87	BLOOD DONORS	B	ALL	.0	3909	HIV	ELISA	V0017
BURMA	UL	NOT SPECIFIED	1991	BLOOD DONORS	B	ALL	.3	13008	HIV	UNK	V0049
	UH	NOT SPECIFIED	1989	STD PTS.	B	ALL	1.9	1711	HIV	UNK	Y0013
CHINA, PEOPLE'S REP.	+UH	NOT SPECIFIED	1985-90	HIGH RISK GROUP	B	ALL	.2	300000	HIV	UNK	D0101
FED. STAT. OF MICRON.	UL	PONAPE	1985-86	HEALTHY POPULATION	B	ALL	.0b	50	HIV1	ELISA	B0041
FRENCH POLYNESIA	UL	NOT SPECIFIED	1985-88	BLOOD DONORS	B	ALL	.0	16881	HIV	UNK	A0047
	UH	NATIONAL	1987	PROSTITUTES	F	ALL	.0	131	HIV	ELISA, WB	C0005
GUAM	UL	NOT SPECIFIED	1985-86	HEALTHY POPULATION	B	ALL	.0b	50	HIV1	ELISA	B0041
HONG KONG	UL	NATIONAL	1987	BLOOD DONORS	B	ALL	.0	310000	HIV	UNK	V0017
	UH	HONG KONG	1985-89	PROSTITUTES	F	ALL	.0	10432	HIV	ELISA, IFA, WB	Y0012
INDIA	UL	BOMBAY	1989	BLOOD DONORS - VOL	B	ALL	.1	99361	HIV	ELISA, WB	A0054
	UH	BOMBAY	1990	PROSTITUTES	F	ALL	18.1	734	HIV	ELISA, WB	B0095
INDONESIA	UL	NOT SPECIFIED	1988(?)	VARIOUS GROUPS	B	ALL	.0	48000	HIV	UNK	T0012
ISRAEL	UL	NATIONAL	1986-88	BLOOD DONORS	B	ALL	.0	520000	HIV	ELISA, WB	B0052
	UH	TEL AVIV	1986-88	PROSTITUTES	F	ALL	.0b	21	HIV	ELISA, WB	B0052
JAPAN	UL	3 AREAS	1988-89	PREGNANT WOMEN	F	ALL	.0	15245	HIV	UNK	S0109
	UH	3 AREAS	1989	PROSTITUTES	F	ALL	.0	811	HIV	UNK	S0109
JORDAN	UL	URBAN	1985	HEALTHY POPULATION	B	ALL	.0c	259	HIV1	ELISA, WB	T0021
	OL	RURAL AREA	1985	HEALTHY POPULATION	B	ALL	.0c	293	HIV1	ELISA, WB	T0021
KIRIBATI	UL	KIRIBATI	1985-86	HEALTHY POPULATION	B	ALL	.0b	50	HIV1	ELISA	B0041
KOREA, REPUBLIC OF	+UL	NOT SPECIFIED	1985-90	BLOOD DONORS	B	ALL	.0	3472658	HIV	ELISA, WB	B0118
	UH	NOT SPECIFIED	1988	PROSTITUTES	F	ALL	.1	12000	HIV	UNK	Y0013
KUWAIT	UL	NATIONAL	1988	BLOOD DONORS	B	ALL	.0	150000	HIV	ELISA, WB	B0078
	UH	NATIONAL	1988(?)	STD PTS.	M	ALL	.0	305	HIV	UNK	M0101
LAOS	+UL	VIENTIANE PROV.	1991(?)	GENERAL POPULATION	B	ALL	.1	2000	HIV	UNK	K0007
LEBANON	UL	BEIRUT	1986	BLOOD DONORS	B	ALL	.0	134	HIV	ELISA	N0044
MACAU	UL	NATIONAL	1985-87	PREGNANT WOMEN	F	ALL	.0	512	HIV	ELISA	V0017
MALAYSIA	+UL	NATIONAL	1989(?)	BLOOD DONORS	B	ALL	.0	5000000	HIV	UNK	B0082
	+UH	NOT SPECIFIED	1989	IVDA	B	ALL	2.2	2344	HIV	UNK	Y0013

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Table 3: Detailed Listing of Estimates of HIV-1 & 2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1991 - CONT'D

REGION AND COUNTRY	RISK AREA	GEOGRAPHIC AREA	YEAR	SUB-POPULATION	SEX	AGE	PREV. RATE	SIZE	TYPE	TEST	SOURCE ID
ASIA/OCEANIA - cont'd											
MARSHALL ISLANDS	UL	MAJURO	1985-86	HEALTHY POPULATION	B	ALL	.0b	50	HIV1	ELISA	B0041
NEPAL	UL	NOT SPECIFIED	1988(?)	VARIOUS GROUPS	B	ALL	.0	6200	HIV	UNK	T0012
NEW CALEDONIA	UL	NOUMEA	1986-88	BLOOD DONORS	B	ALL	.0	9917	HIV	ELISA, WB	C0089
	UH	NOUMEA	1986-88	HIGH RISK GROUPS	B	ALL	.0	124	HIV	ELISA, WB	C0089
	OL	RURAL AREAS	1986-88	GENERAL POPULATION	B	ALL	.0	432	HIV	ELISA, WB	C0089
PALAU	UL	PALAU	1985-86	HEALTHY POPULATION	B	ALL	.0b	34	HIV1	ELISA	B0041
PAPUA NEW GUINEA	UL	NOT SPECIFIED	1987	BLOOD DONORS	B	ALL	.0	199	HIV	UNK	V0017
	UH	NOT SPECIFIED	1987	STD PTS.	B	ALL	.7	287	HIV	UNK	V0017
	OL	TWO SITES	1985-86	HEALTHY POPULATION	B	ALL	.0b	50	HIV1	ELISA	B0041
PAKISTAN	UL	KARACHI	1990(?)	BLOOD DONORS - PD	B	ALL	.0	202	HIV	ELISA, WB	K0083
PHILIPPINES	UL	NOT SPECIFIED	1987	BLOOD DONORS	B	ALL	.0	3200	HIV	ELISA, WB	D0033
	UH	NATIONAL	1987	PROSTITUTES	F	ALL	.1	53376	HIV	ELISA, WB	D0033
	OH	SEVERAL TOWNS	1988	HOSPITALITY GIRL	F	ALL	.1	14309	HIV	UNK	H0025
SAUDI ARABIA	UL	MAKKAH REGION	1988	BLOOD DONORS	B	ALL	.0	1145	HIV	ELISA	S0073
SINGAPORE	UL	SINGAPORE	1987	BLOOD DONORS	B	ALL	.0	110000	HIV	UNK	V0017
	UH	SINGAPORE	1987	PROSTITUTES	F	ALL	.0	2466	HIV	UNK	V0017
SRI LANKA	UL	NOT SPECIFIED	1988(?)	VARIOUS GROUPS	B	ALL	.0	25000	HIV	WB	T0012
	UH	NOT SPECIFIED	1988(?)	VARIOUS GROUPS	B	ALL	.0	25000	HIV	WB	T0012
SYRIA	UL	NATIONAL	1990	BLOOD DONORS	B	ALL	.0	52519	HIV	UNK	H0139
TAIWAN	UL	TAIPEI	1988-90	PREGNANT WOMEN	F	ALL	.0	73619	HIV1	ELISA, WB	H0065
	UH	TAIPEI	1988-90	PROSTITUTES	F	ALL	.0	4079	HIV	ELISA, WB	L0002
THAILAND	+UL	CENTRAL REGIONS	1991	PREGNANT WOMEN	F	ALL	1.1	4042	HIV	UNK	T0059
	+UH	CENTRAL REGIONS	1991	PROSTITUTES-- LOW CLASS	F	ALL	26.8	2961	HIV	UNK	T0059
TURKEY	UL	ANKARA	1987-88	PREGNANT WOMEN	F	ALL	.0	416	HIV	ELISA, WB	R0044
	UH	NOT SPECIFIED	1989(?)	RISK GROUPS	B	ALL	1.6	364	HIV1	ELISA, WB IFA	B0088
TUVALU	UL	TUVALU	1985-86	HEALTHY POPULATION	B	ALL	.0b	28	HIV1	ELISA	B0041
VANUATU	UL	FOUR DISTRICTS	1985-86	HEALTHY POPULATION	B	ALL	.0b	93	HIV1	ELISA	B0041
VIETNAM	UL	HO CHI MINH CITY	1987-90	GENERAL POPULATION	B	ALL	.0	20276	HIV	ELISA, WB	V0044
	UH	MAJOR CITIES	1990	HIGH-RISK POP.	B	ALL	.0	46176	HIV	UNK	V0042

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Table 3: Detailed Listing of Estimates of HIV-1 & 2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1991 - CONT'D

REGION AND COUNTRY	RISK AREA	GEOGRAPHIC AREA	YEAR	SUB-POPULATION	SEX	AGE	PREV. RATE	SIZE	TYPE	TEST	SOURCE ID
LATIN AMERICA/CARIBBEAN											
ANTIGUA AND BARBUDA	UH	NOT SPECIFIED	1986-88	PROSTITUTES	F	ALL	1.7	470	HIV	ELISA, WB	N0033
ARGENTINA	UL	BUENOS AIRES	1988	BLD DONORS - VOL	B	ALL	.3	15508	HIV	ELISA, IFA, WB	F0024
	UH	BUENOS AIRES	1988	PROSTITUTES	F	ALL	5.8	172	HIV	ELISA, WB	M0088
	OL	NOT SPECIFIED	1991	BLOOD DONORS	B	ALL	.2	159008	HIV	ELISA, WB	F0037
	OH	NOT SPECIFIED	1991	PROSTITUTES	F	ALL	2.0	1833	HIV	ELISA, WB	F0037
BAHAMAS, THE	UL	NATIONAL	1985-88	BLOOD DONORS	B	ALL	.5	10369	HIV	UNK	O0024
BARBADOS	UL	NATIONAL	1988(?)	BLOOD DONORS	B	ALL	.1	1400	HIV	UNK	P0027
BOLIVIA	UL	NOT SPECIFIED	1988	PREGNANT WOMEN	F	ALL	.0	372	HIV	IFA, WB	M0078
	UH	NOT SPECIFIED	1988	PROSTITUTES	F	ALL	.0	1094	HIV	IFA, WB	M0078
	OH	MONTERO TOWN	1987	PROSTITUTES	F	ALL	.0b	17	HIV	ELISA, WB	B0042
BRAZIL	UL	SAN PAULO CITY	1990	PREGNANT WOMEN	F	ALL	1.2	500	HIV1	ELISA	L0076
	UL2	SAN PAULO CITY	1990	PREGNANT WOMEN	F	ALL	.0	500	HIV2	ELISA	L0076
	UH	RIO DE J. CITY	1987	PROSTITUTES	F	ALL	3.0	101	HIV1	ELISA, RIPA, WB	C0048
	OL	PARA STATE	1986	HEALTHY ADULT IND.	B	ALL	.0	307	HIV	ELISA, WB	A0023
	OH	MINAS GERIAS ST.	1990	PROSTITUTES	F	ALL	.0b	64	HIV1	ELISA, WB	T0046
	OH2	MINAS GERIAS ST.	1987	PROSTITUTES	F	ALL	.0b	86	HIV2	ELISA, RIPA, WB	C0048
COLOMBIA	UL	7 MAJOR CITIES	1987	BLOOD DONORS	B	ALL	.1	38077	HIV	ELISA, WB	B0027
	UH	BOGOTA	1985-87	STD CLINIC PTS.	M	ALL	14.6	936	HIV	ELISA, IFA,	B0043
COSTA RICA	UL	NATIONAL	1985-86	BLOOD DONORS	B	ALL	.0	36000	HIV	ELISA, WB	M0061
	UH	NATIONAL	1987	PROSTITUTES	F	ALL	.0	2500	HIV	ELISA, WB	M0061
CUBA	UL	NATIONAL	1990	PREGNANT WOMEN	F	ALL	.0	542533	HIV	ELISA, WB	M0131
	UL2	NATIONAL	1988(?)	GENERAL POPULATION	B	ALL	.0	7215	HIV2	ELISA, WB	M0131
	UH	NATIONAL	1990	STD PTS.	B	ALL	.0	299140	HIV	ELISA, WB	M0131
DOMINICAN REPUBLIC	UL	NOT SPECIFIED	1989(?)	BLOOD DONORS	B	ALL	1.6	1480	HIV	UNK	S0058
	UH	SANTO DOMINGO	1987-89	PROSTITUTES STD	F	ALL	2.6	3000	HIV	UNK	R0025
ECUADOR	UL	QUITO	1988	BLD DONORS - VOL	B	ALL	.0	17884	HIV	ELISA, WB	R0020
	UH	QUITO	1990	PROSTITUTES-- HIGH SES	F	ALL	.0	151	HIV1	ELISA, WB	R0054
	UH2	QUITO	1988-89	PROSTITUTES	F	ALL	.0b	94	HIV2	ELISA, WB	C0103
GUADELOUPE	UL	NATIONAL	1986	BLOOD DONORS	B	ALL	.2	9356	HIV	ELISA, WB	D0028
GUYANA	UH	NOT SPECIFIED	1987-88	PROSTITUTES	F	ALL	.0b	77	HIV	ELISA, WB	N0033

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Table 3: Detailed Listing of Estimates of HIV-1 & 2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1991 - CONT'D

REGION AND COUNTRY	RISK AREA	GEOGRAPHIC AREA	YEAR	SUB-POPULATION	SEX	AGE	PREV. RATE	SIZE	TYPE	TEST	SOURCE ID
LATIN AMERICA/CARIBBEAN - cont'd											
HAITI	UL	PORT-AU-PRINCE	1990	BLOOD DONORS-VOL.	M	ALL	5.0	2792	HIV	ELISA, WB	M0169
	UH	PORT-AU-PRINCE	1989(?)	PROSTITUTES	F	ALL	41.9	129	HIV1	ELISA	G0048
	OL	RURAL AREA	1986(?)	PREGNANT WOMEN	F	ALL	3.0	117	HIV	UNK	P0041
HONDURAS	+UH	TEGUCIGALPA	1989	PROSTITUTES	F	ALL	3.9	181	HIV	ELISA, IFA, WB	V0051
JAMAICA	UL	NATIONAL	1985-87	BLOOD DONORS	B	ALL	.3	47978	HIV	ELISA	F0012
	UH	KINGSTON	1990	PROSTITUTES	F	ALL	14.6b	48	HIV	ELISA	W0036
MARTINIQUE	UL	NOT SPECIFIED	1987	PREGNANT WOMEN	F	ALL	.5	1103	HIV1	ELISA, WB	C0067
	UH	NOT SPECIFIED	1985-87	PROSTITUTES	F	ALL	38.9b	54	HIV1	ELISA, WB	C0033
MEXICO	UL	MEXICO CITY	1986-87	BLOOD DONORS	B	ALL	.7	320000	HIV	ELISA	V0015
	UH	MEXICO CITY	1987-89	PROSTITUTES	F	ALL	2.2	961	HIV	UNK	U0005
NICARAGUA	UL	NOT SPECIFIED	1990(?)	GENERAL POPULATION	B	ALL	.0	12000	HIV	UNK	A0067
PANAMA	UL	NATIONAL	1987	HEALTHY PERSONS	B	ALL	.0	17001	HIV	ELISA, WB	P0018
	UH	PANAMA CITY	1986	PROSTITUTES	F	ALL	.0	183	HIV	ELISA, WB	R0016
PARAGUAY	UH	ASUNCION	1987-90	PROSTITUTES	F	ALL	.1	2760	HIV	ELISA, WB	C0112
PERU	UL	NOT SPECIFIED	1987-88	BLD DONORS - VOL	B	ALL	.1	32616	HIV	ELISA, WB	A0014
	UH	NOT SPECIFIED	1987-88	PROSTITUTES	F	ALL	.3	2335	HIV	ELISA, WB	A0014
ST. LUCIA	UL	NOT SPECIFIED	1990(?)	UNSPECIFIED POP	B	ALL	.5	9000	HIV	UNK	C0106
TRINIDAD AND TOBAGO	UL	NOT SPECIFIED	1989(?)	BLOOD DONORS	B	ALL	.9	6407	HIV	UNK	S0058
	UH	NOT SPECIFIED	1988	PROSTITUTES	F	ALL	13.0	223	HIV	ELISA, WB	N0033
VENEZUELA	UL	URBAN AREA	1987(?)	GENERAL POPULATION	B	ALL	.0	212	HIV	ELISA	A0022
	OL	RURAL AREA	1987(?)	GENERAL POPULATION	B	ALL	.0	164	HIV	ELISA, WB	A0022

a Figure shown includes co-infection of HIV1 & HIV2 and should not therefore be combined with other figures.
b Data are best available but are not necessarily reliable due to small sample size (<100).
c Data refer to prior to 1986.
+ Data changed and/or added.

Risk Area Codes:
UL -- Urban low risk
UH -- Urban high risk
OL -- Outside city low risk
OH -- Outside city high risk
2 -- Data for HIV2

SOURCE: U.S. Bureau of the Census, HIV/AIDS Surveillance Data Base, 04/92 Update.

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