

**RECENT HIV SEROPREVALENCE LEVELS
BY COUNTRY: JANUARY 1997**

**Health Studies Branch
International Programs Center
Population Division
U.S. Bureau of the Census**

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Preface

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

This research note is the 23rd 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 International Programs Center Staff Paper series.

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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.
- **Nonrepresentative 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.

Recent HIV Seroprevalence Levels by Country: January 1997

Introduction

Since 1987, the International Programs Center, Population Division, 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 Agency for International Development.

The present update to the data base incorporates all available epidemiological information for developing countries presented at the XI International Conference on AIDS, Vancouver, Canada, July 1996. We also are regularly reviewing the scientific literature for relevant information. Currently, the *HIV/AIDS Surveillance Data Base* contains about 30,302 individual data records drawn from 3,782 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 available seroprevalence estimates for high- and low-risk population groups in major cities and rural areas for all developing countries. Tables are provided for HIV-1 and HIV-2, where available. Urban data for Africa and three Asian countries, Thailand, Cambodia, and Vietnam, have been plotted on maps as well, showing the distribution by country. 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).

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.

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 are not available and where sample sizes are small, footnotes qualify the data. In some cases, results from large samples were not included due to insufficient documentation 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.

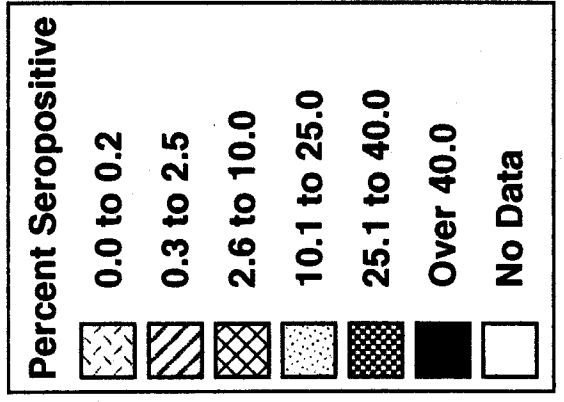
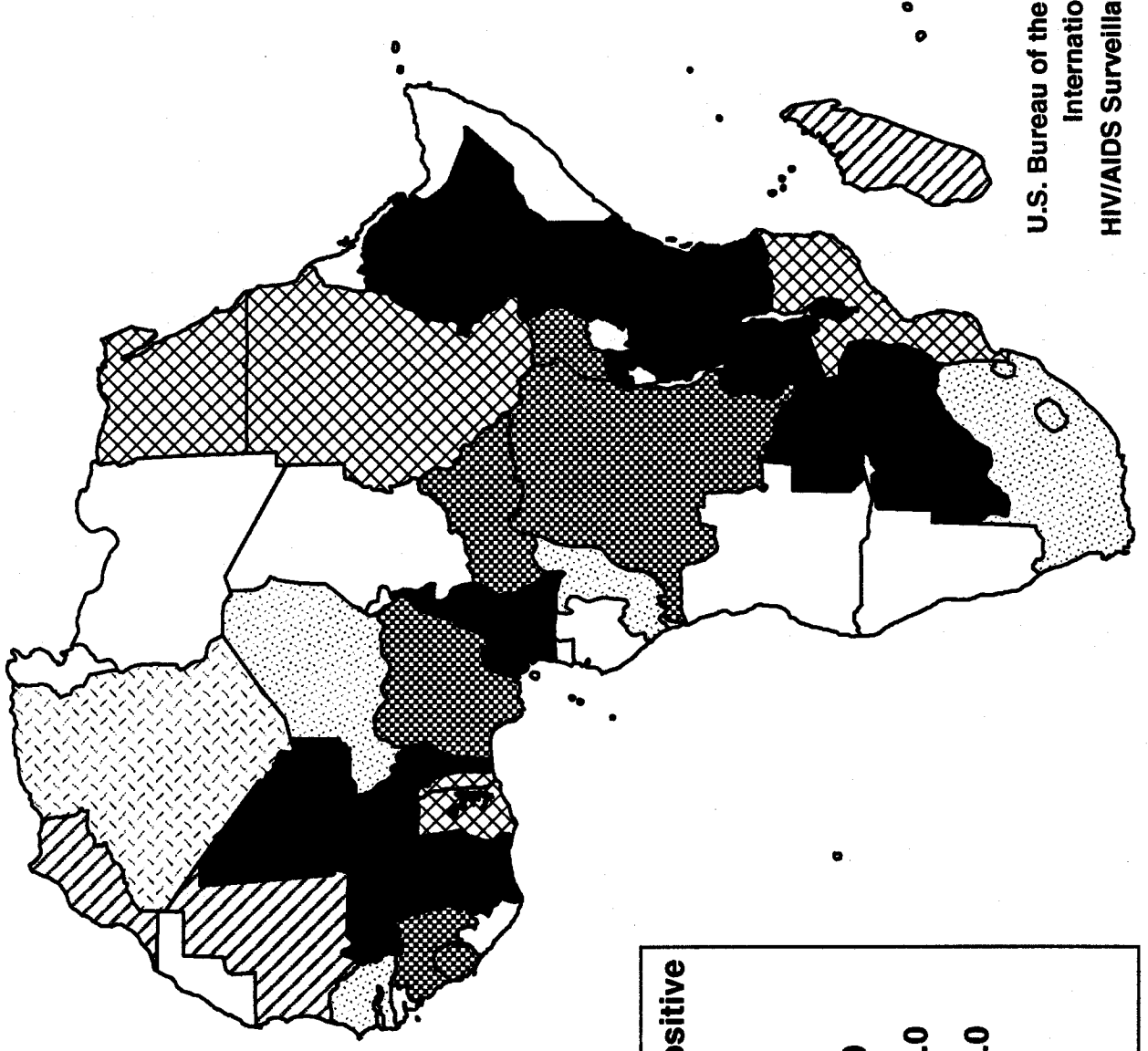
The tables that follow are based on data selected as the best available data on HIV-1 and HIV-2 seroprevalence among high- and low-risk populations in developing countries (see Tables 1 and 2). The terms "high risk" and "low risk" are used in these tables and charts to differentiate population subgroups 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.

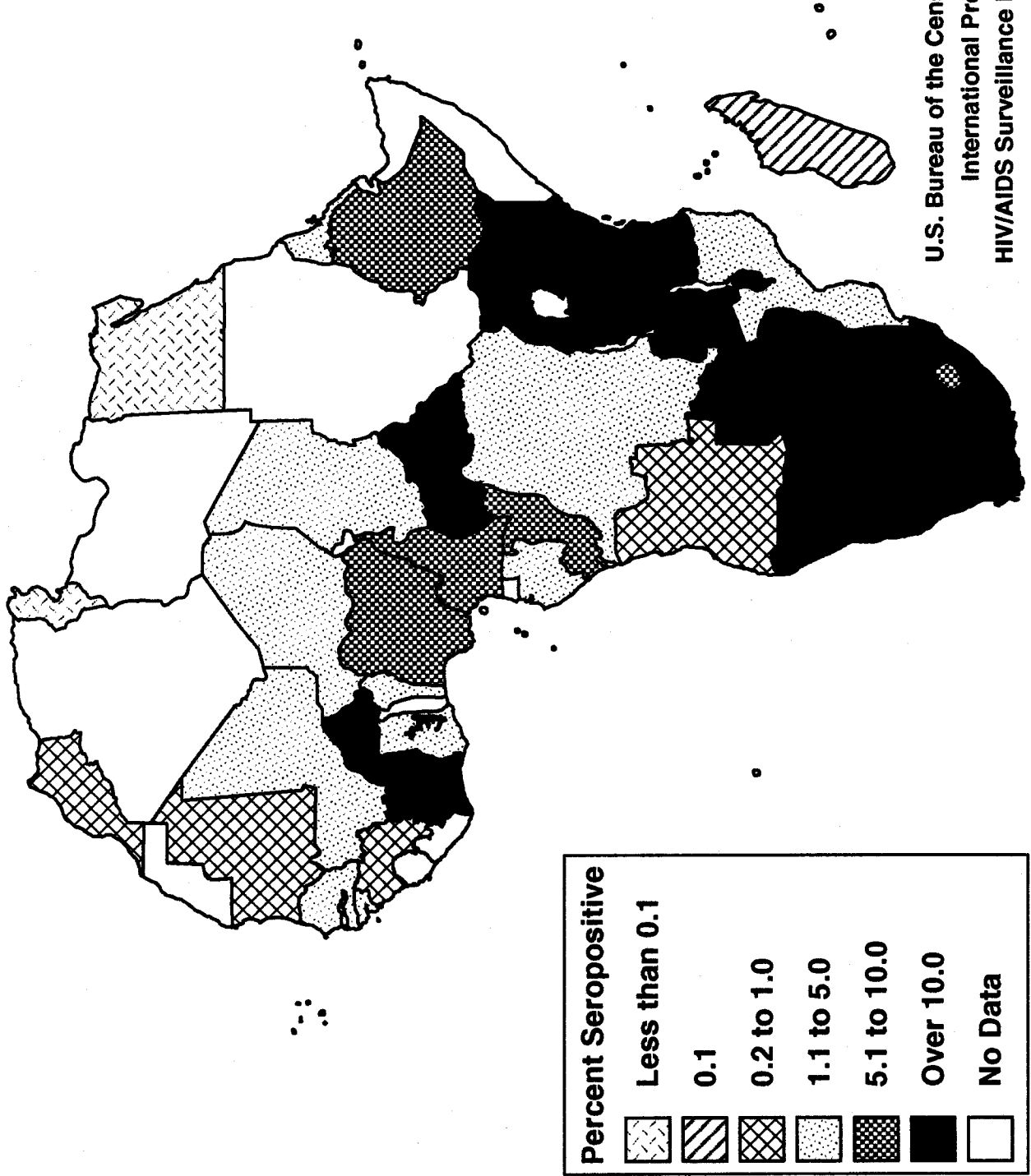
We will periodically update these materials with the latest and best available data, at times including a brief discussion of a topic of particular interest.

African HIV-1 Seroprevalence for High-Risk Urban Populations



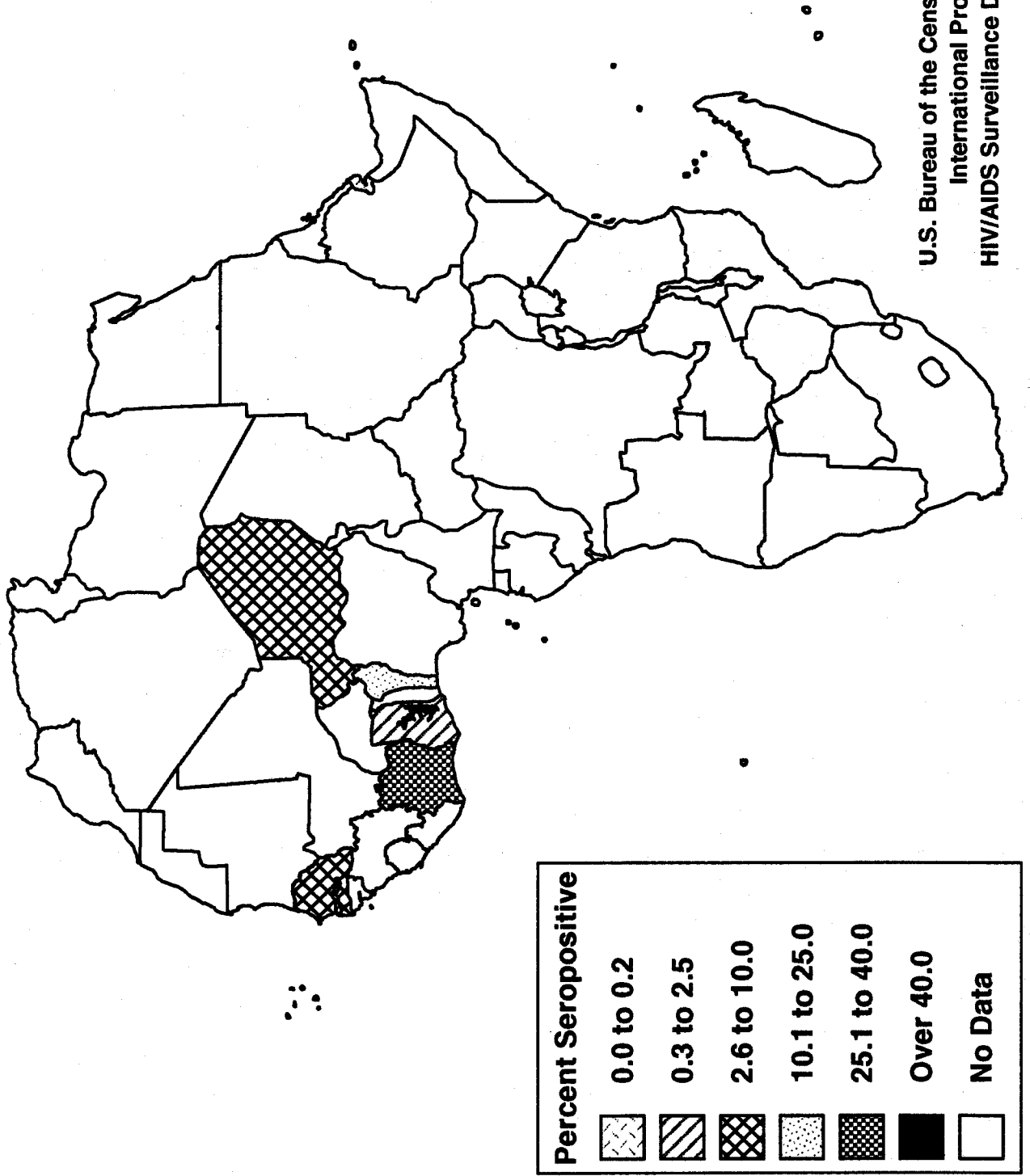
U.S. Bureau of the Census, Population Division,
International Programs Center,
HIV/AIDS Surveillance Data Base, January 1997.

African HIV-1 Seroprevalence for Low-Risk Urban Populations



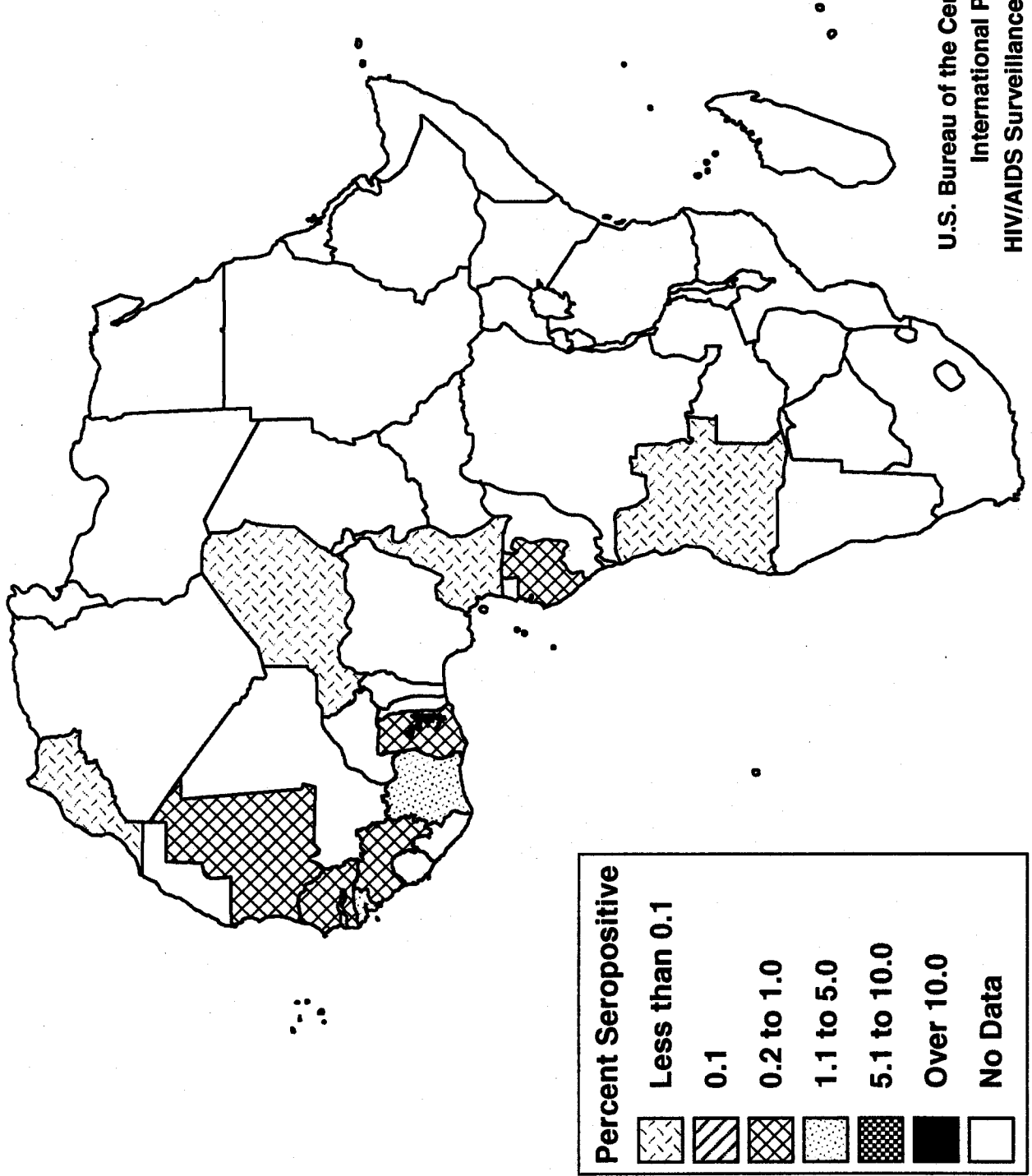
U.S. Bureau of the Census, Population Division,
 International Programs Center,
 HIV/AIDS Surveillance Data Base, January 1997.

African HIV-2 Seroprevalence for High-Risk Urban Populations



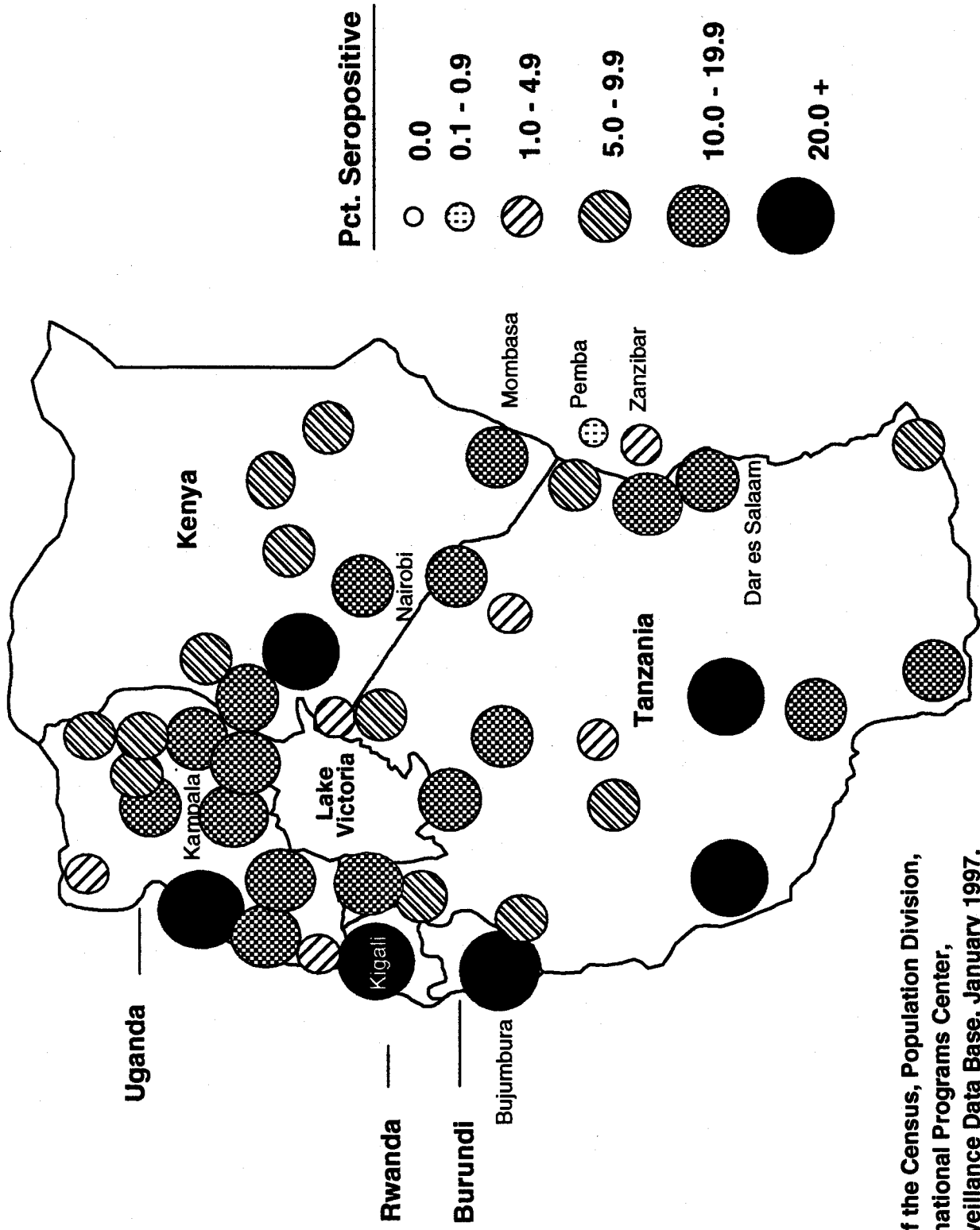
U.S. Bureau of the Census, Population Division,
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HIV/AIDS Surveillance Data Base, January 1997.

African HIV-2 Seroprevalence for Low-Risk Urban Populations



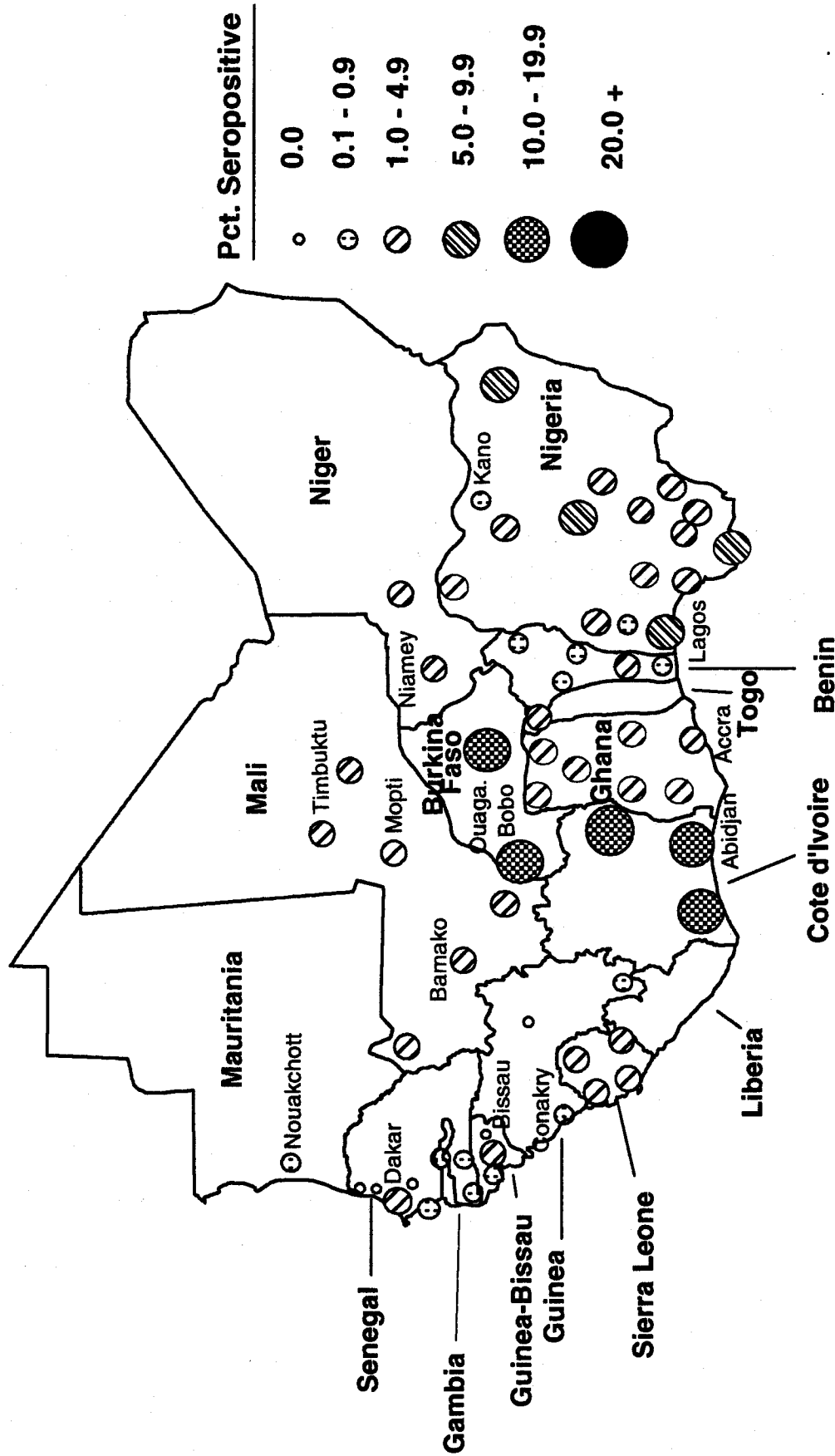
U.S. Bureau of the Census, Population Division,
International Programs Center,
HIV/AIDS Surveillance Data Base, January 1997.

Seroprevalence of HIV-1 for Low-Risk Populations in East Africa



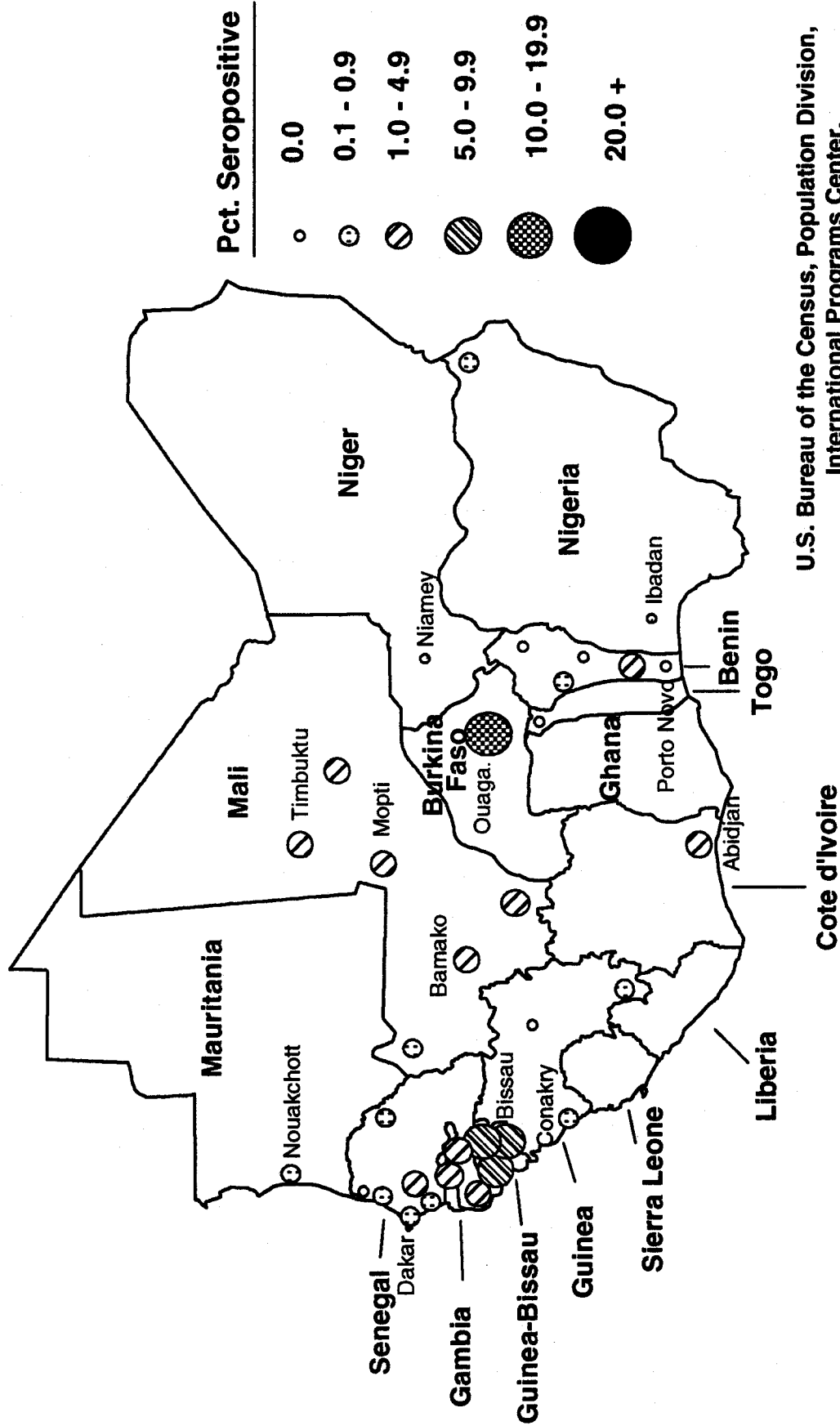
U.S Bureau of the Census, Population Division,
 International Programs Center,
 HIV/AIDS Surveillance Data Base, January 1997.

Seroprevalence of HIV-1 for Low-Risk Populations in West Africa



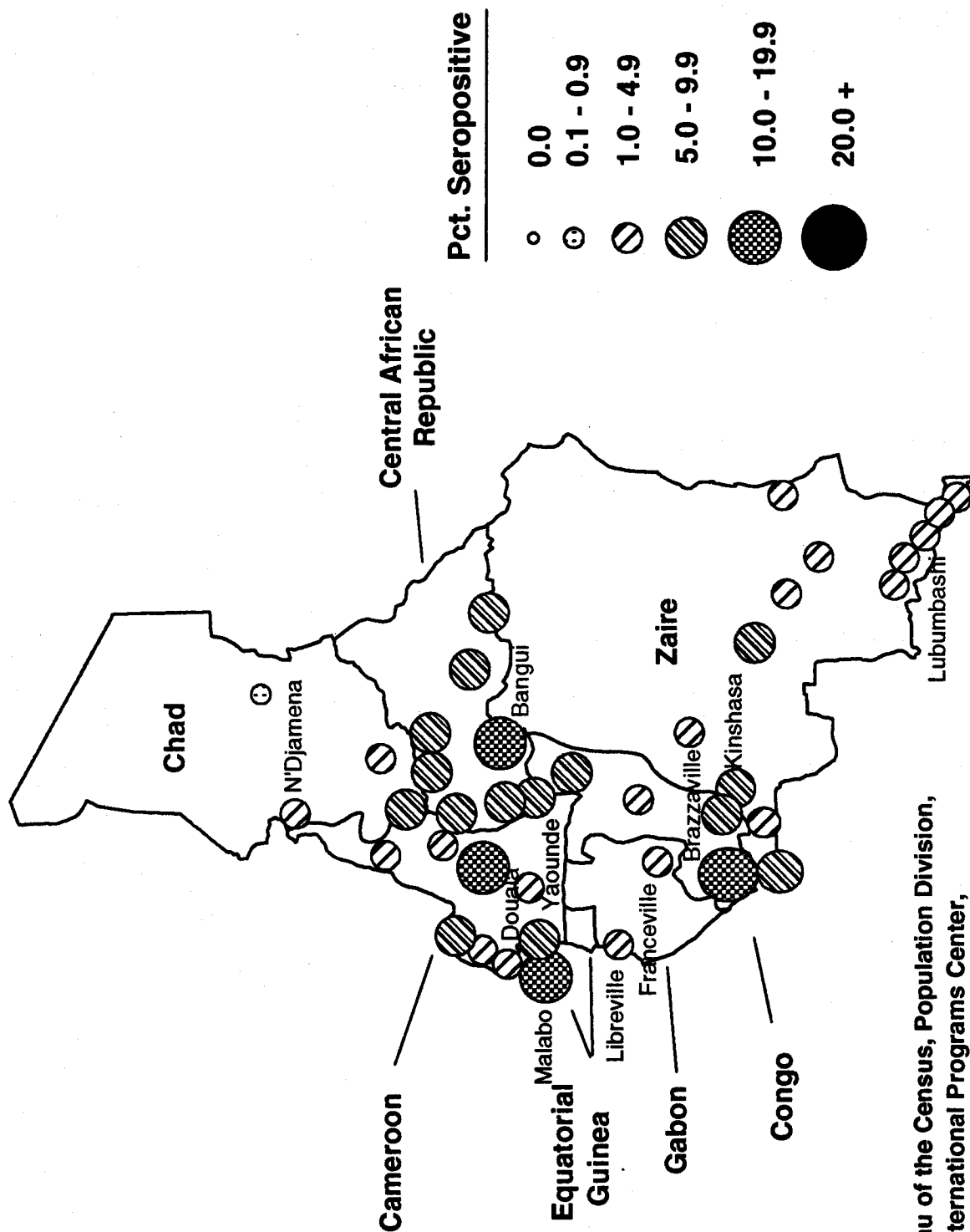
U.S. Bureau of the Census, Population Division,
 International Programs Center,
 HIV/AIDS Surveillance Data Base, January 1997.

Seroprevalence of HIV-2 for Low-Risk Populations in West Africa



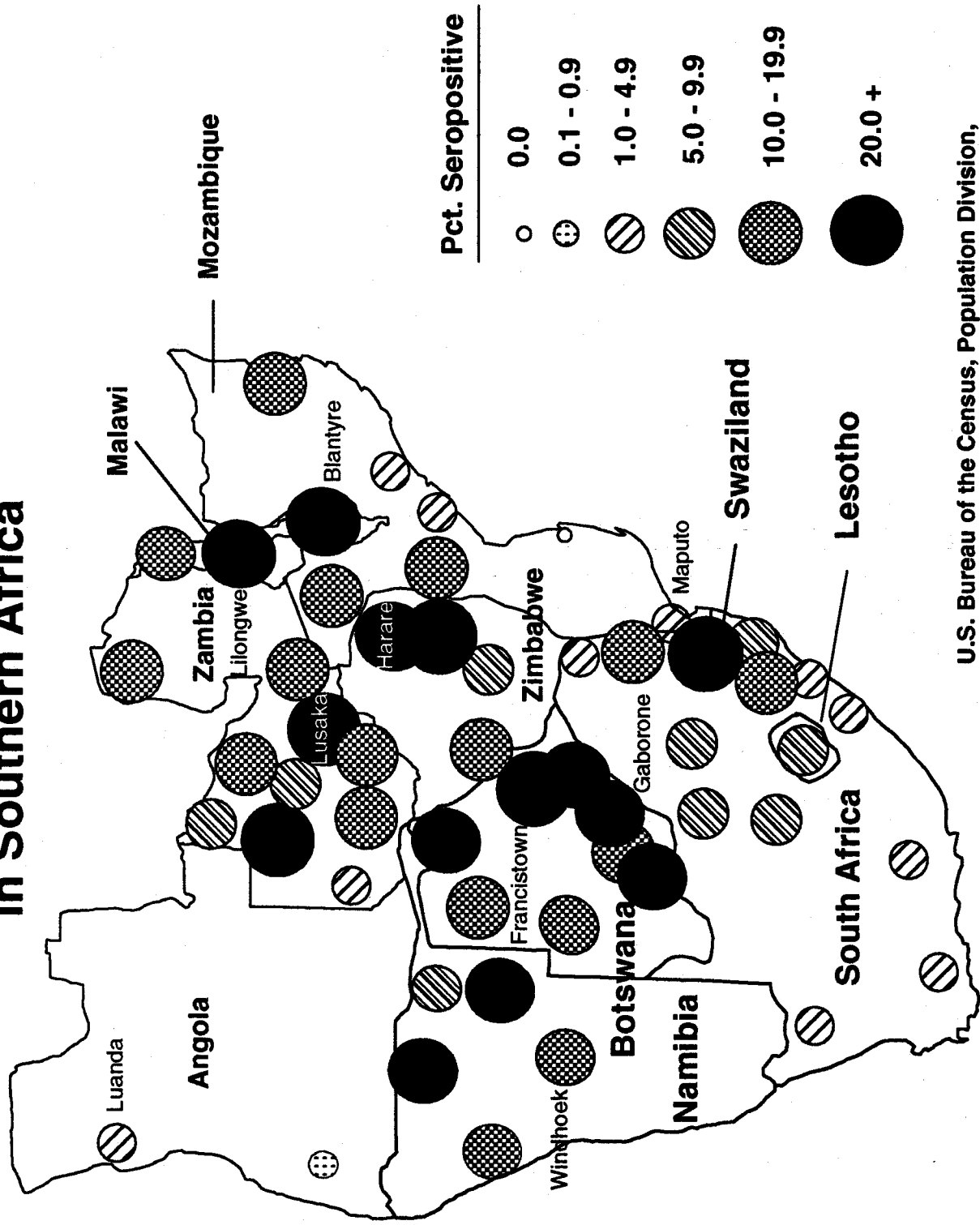
U.S. Bureau of the Census, Population Division,
International Programs Center,
HIV/AIDS Surveillance Data Base, January 1997.

Seroprevalence of HIV-1 for Low-Risk Populations in Central Africa



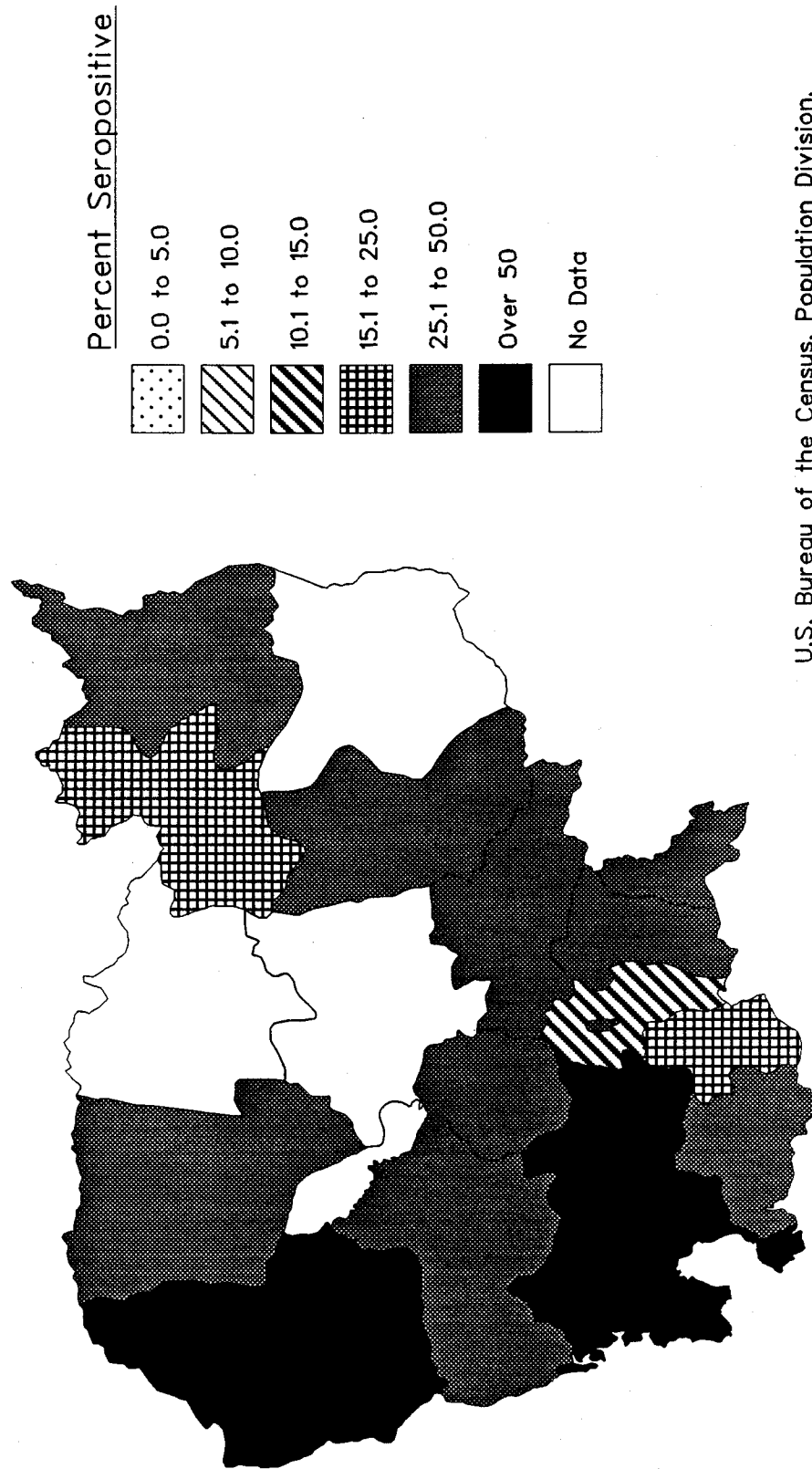
U.S. Bureau of the Census, Population Division,
 International Programs Center,
 HIV/AIDS Surveillance Data Base, January 1997.

Seroprevalence of HIV-1 for Low-Risk Populations in Southern Africa



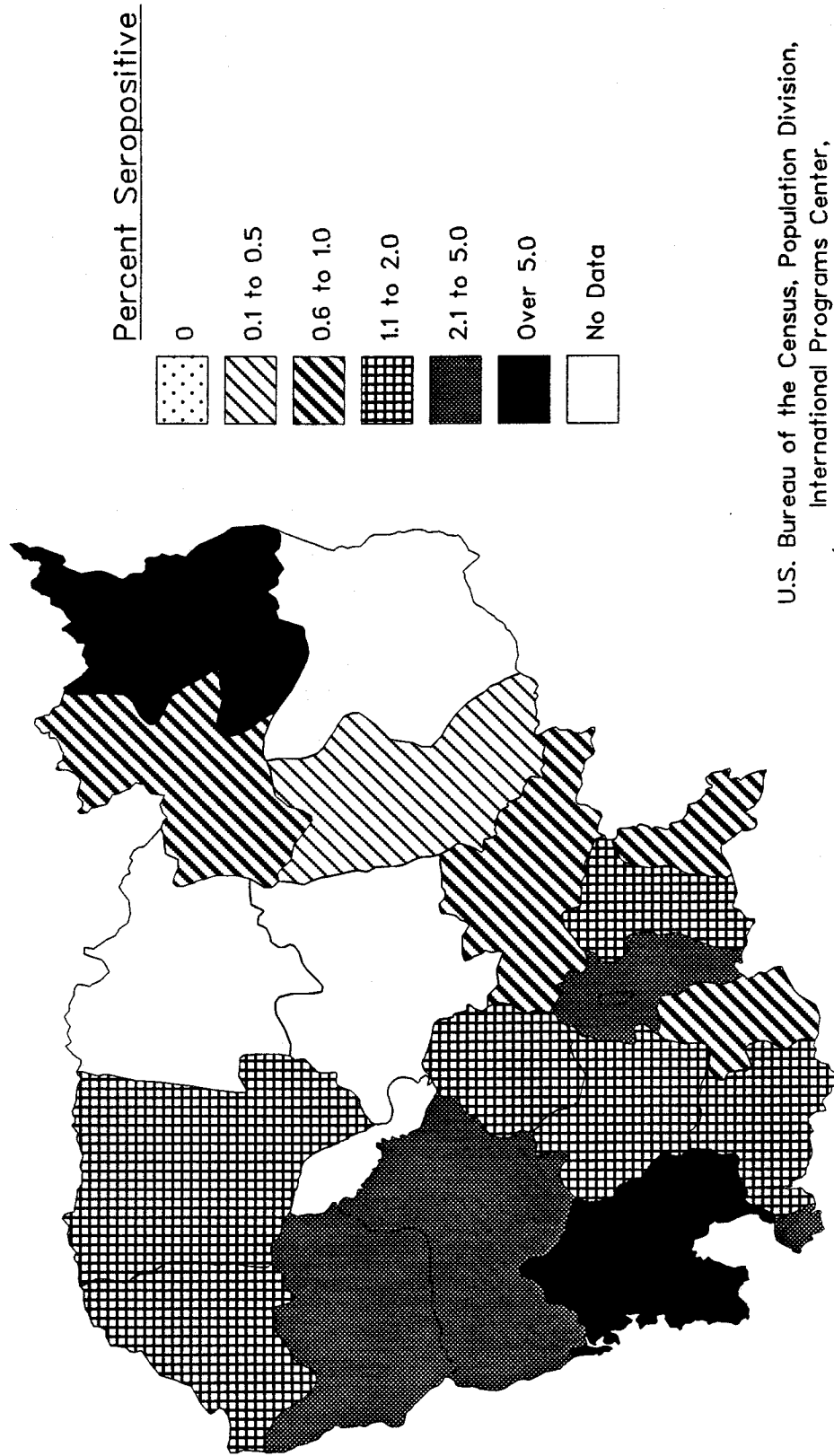
U.S. Bureau of the Census, Population Division,
 International Programs Center,
 HIV/AIDS Surveillance Data Base, January 1997.

HIV Seroprevalence among Prostitutes in Cambodia: 1996



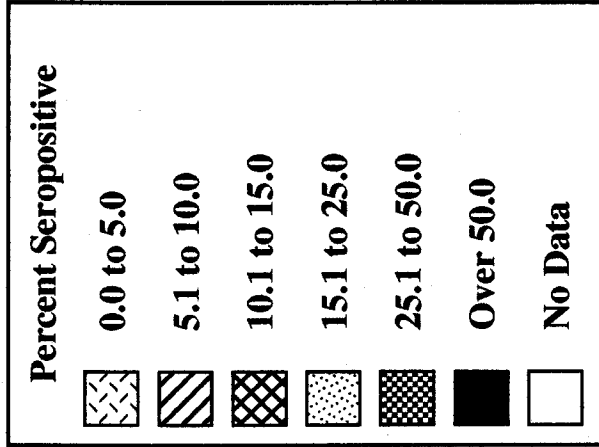
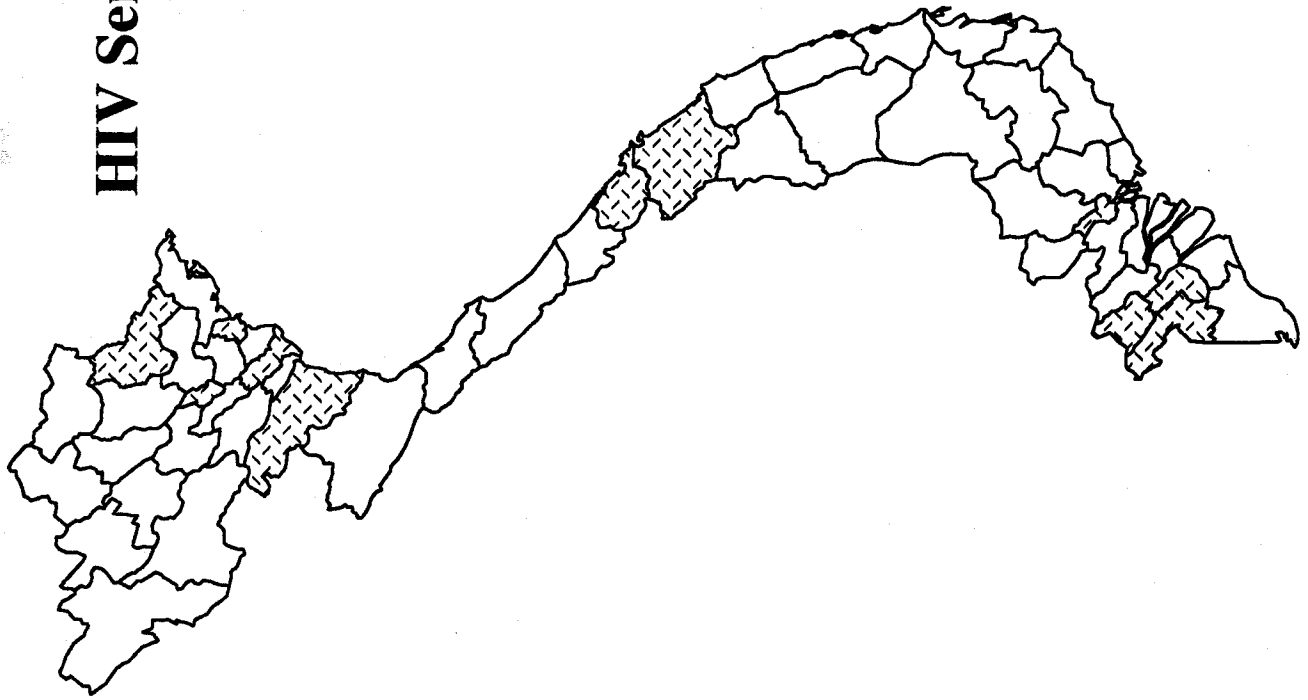
U.S. Bureau of the Census, Population Division,
International Programs Center,
HIV/AIDS Surveillance Data Base, January 1997.

HIV Seroprevalence among Pregnant Women in Cambodia: 1996



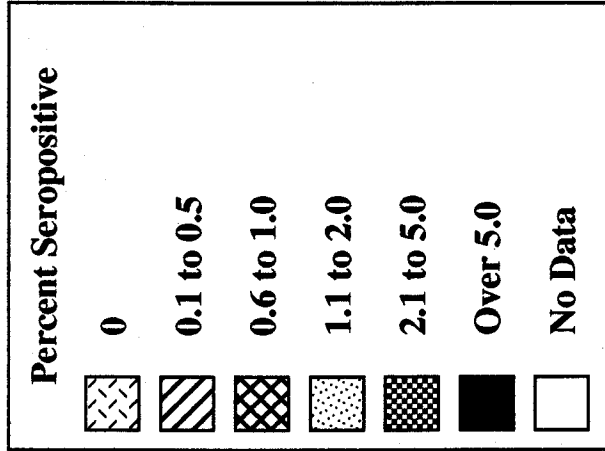
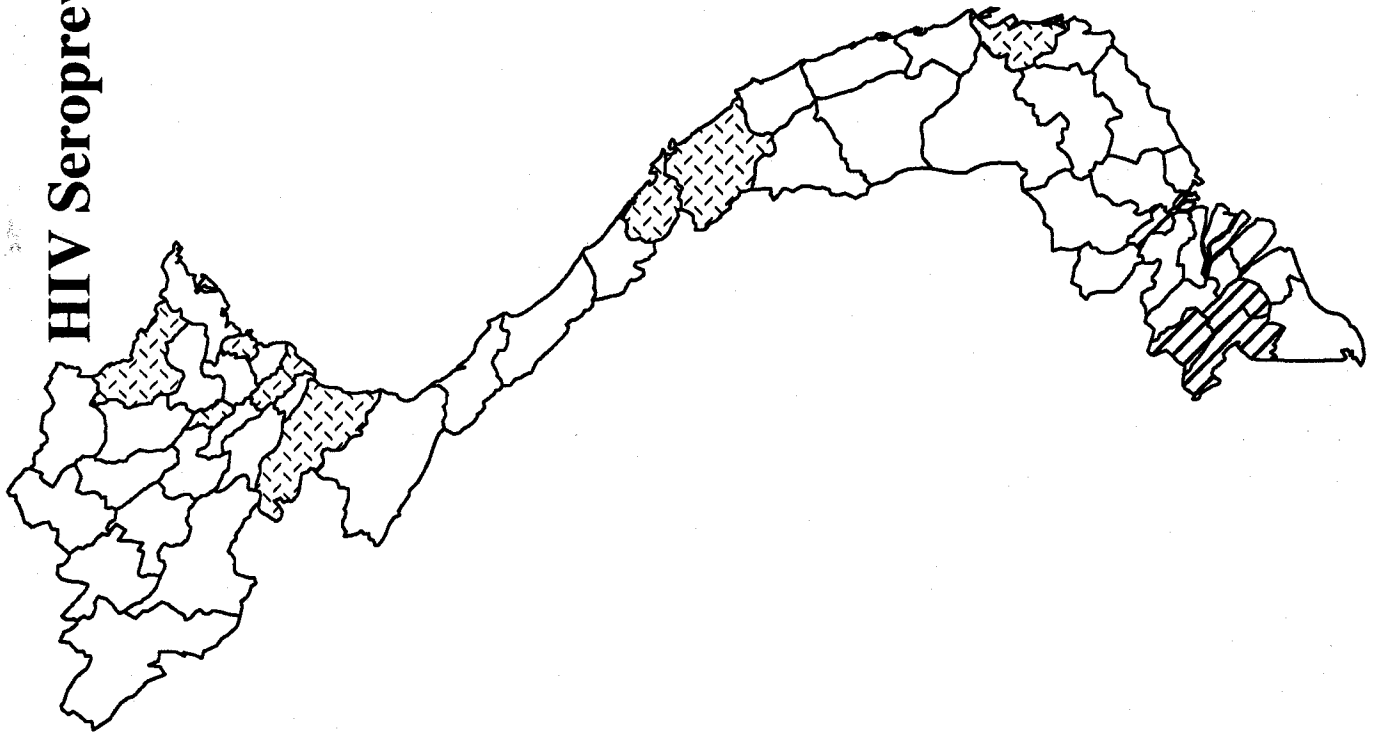
U.S. Bureau of the Census, Population Division,
International Programs Center,
HIV/AIDS Surveillance Data Base, January 1997.

HIV Seroprevalence among Prostitutes Vietnam: 1995



U.S. Bureau of the Census, Population Division,
International Programs Center,
HIV/AIDS Surveillance Data Base, January 1997.

HIV Seroprevalence among Pregnant Women Vietnam: 1995



U.S. Bureau of the Census, Population Division,
International Programs Center,
HIV/AIDS Surveillance Data Base, January 1997.

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U.S. Bureau of the Census -- HIV/AIDS Surveillance Data Base

Table 1: Estimates of HIV-1 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1995

| Region and Country | Capital/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 |
| South Africa | 18.2 b | 20.1 c | 6.4 | - | W0115 | R0123 | R0131 | |
| Sudan | - | 3.0 b | - | - | | W0122 | | |
| Swaziland | 21.9 b | 11.1 | - | - | R0122 | D0117 | | |
| Tanzania | 13.7 | 49.5 | 15.0 b | 34.3 b | M0473 | O0051 | T0139 | R0090 |
| * Togo | - | 3.1 | 3.0 | 7.3 b | | B0224 | M0375 | M0375 |
| Tunisia | .0 | - | - | - | B0169 | | | |
| Uganda | 18.5 bc | 38.5 b | 6.5 b | - | A0158 | A0158 | W0094 | |
| Western Sahara | - | - | - | - | | | | |
| Zaire | 5.0 c | 30.3 | 2.9 | 25.4 | M0265 | N0184 | M0265 | G0092 |
| Zambia | 27.9 | 58.0 | 12.7 | 36.0 b | F0084 | S0294 | F0084 | K0096 |
| * Zimbabwe | 32.0 | 86.0 | 16.0 b | 46.0 | L0201 | M0433 | F0076 | T0130 |
| ASIA AND OCEANIA | | | | | | | | |
| Bahrain | - | .0 | - | - | | F0038 | | |
| Bangladesh | .0 | 1.2 b | - | - | C0199 | M0480 | | |
| Bhutan | .0 | - | - | - | W0076 | | | |
| Burma | 2.2 b | 18.0 | - | - | K0220 | T0137 | | |
| Cambodia | 3.2 | 41.6 | .9 | 27.3 | C0228 | C0228 | C0228 | C0228 |
| China, Mainland | .0 | 73.2 b | - | - | W0112 | C0221 | | |
| * China, Taiwan @ | .0 | .4 | - | - | W0097 | H0092 | | |
| Cook Islands | .0 | - | - | - | W0112 | | | |
| Fiji | .0 | .1 | - | - | W0112 | O0063 | | |
| French Polynesia | .0 | 3.0 | - | - | W0112 | O0063 | | |
| Gaza Strip | .0 | - | - | - | M0314 | | | |
| Guam | .1 | - | - | - | W0112 | | | |
| Hong Kong | .0 | .1 | - | - | W0112 | L0156 | | |
| * India | 2.5 b | 28.6 a | - | - | M0487 | B0287 | | |
| Indonesia | | .3 | - | - | | J0044 | | |
| Israel | .0 | 1.1 | - | - | M0314 | M0186 | | |
| Kiribati | .1 | - | - | - | O0063 | | | |
| Korea, North | .0 | - | - | - | W0076 | | | |
| Korea, South | .8 | .0 | - | - | W0112 | S0301 | | |
| Laos | .8 | 1.2 | - | - | M0309 | P0122 | | |
| Macau | .0 | - | - | - | W0112 | | | |
| Malaysia | .0 | 29.5 | - | - | W0112 | S0215 | | |
| Maldives | .0 | - | - | - | W0076 | | | |
| Marshall Islands | .0 | - | - | - | W0112 | | | |
| Micronesia, Fedrtd States | .0 | - | - | - | W0112 | | | |
| Mongolia | .0 | .0 | - | - | W0112 | M0340 | | |
| Nepal | .0 b | 1.3 b | - | - | S0391 | S0391 | | |
| New Caledonia | .1 | - | - | - | W0112 | | | |
| Pakistan | .6 | 3.7 | - | - | P0144 | P0144 | | |
| Palau | .0 | .0 | - | - | W0112 | O0063 | | |
| Papua New Guinea | .0 | .3 | .0 | .0 c | W0112 | O0053 | I0028 | I0028 |
| Philippines | .0 | .5 | - | - | W0112 | T0125 | | |
| Singapore | .0 | 3.7 b | - | - | W0112 | G0161 | | |
| Solomon Islands | .0 | .0 | - | - | W0112 | O0063 | | |
| Sri Lanka | .0 | .5 b | - | - | W0076 | B0304 | | |

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Table 1: Estimates of HIV-1 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1995

| Region and Country | Capital/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 | - | .0 b | - | - | | A0132 | | |
| * Angola | 1.0 | - | .5 | - | A0157 | | A0157 | |
| * Benin | 1.4 | 50.8 a | 4.9 a | - | D0145 | B0269 | G0146 | |
| Botswana | 32.4 | 41.6 | 16.0 | - | N0178 | N0178 | M0494 | |
| Burkina Faso | 12.0 | 60.4 | - | - | C0213 | M0450 | | |
| Burundi | 20.0 | - | 1.8 | - | B0233 | | B0233 | |
| * Cameroon | 5.7 c | 45.3 | 2.9 | 9.0 | S0315 | G0147 | S0316 | Z0045 |
| Cape Verde | - | - | - | - | | | | |
| * Central African Rep. | 16.0 | 31.0 | 6.5 | - | U0027 | U0027 | U0027 | |
| Chad | 4.1 | - | - | - | M0266 | | | |
| Comoros | - | - | - | - | | | | |
| Congo | 7.1 | 17.6 c | 2.6 | - | B0270 | M0333 | B0162 | |
| * Cote d'Ivoire | 12.5 a | 77.0 a | - | - | W0119 | G0174 | | |
| * Djibouti | - | 43.0 | - | - | | C0141 | | |
| Egypt | .0 | 5.3 | .0 | - | Q0009 | H0116 | E0049 | |
| Equatorial Guinea | - | - | - | - | | | | |
| Eritrea | 1.6 | - | - | - | Z0041 | | | |
| Ethiopia | 6.7 | 54.2 | 8.6 | 65.6 | M0471 | N0083 | E0048 | N0083 |
| * Gabon | 1.7 | - | - | - | D0190 | | | |
| * Gambia, The | .6 a | 13.6 a | - | - | O0083 | H0117 | | |
| * Ghana | 3.2 a | 5.2 a | 1.0 a | - | M0442 | M0436 | M0442 | |
| * Guinea | .7 a | 36.6 | .3 | - | M0334 | B0271 | J0028 | |
| * Guinea-Bissau | 2.6 a | - | .5 a | - | A0167 | | W0082 | |
| Kenya | 18.1 | 85.5 | 10.3 | - | G0183 | M0243 | B0288 | |
| Lesotho | 6.1 | 11.1 | 4.2 | 21.3 | M0391 | M0391 | M0391 | M0391 |
| Liberia | - | - | - | - | | | | |
| Libya | - | - | - | - | | | | |
| Madagascar | .1 | .3 | .0 | .4 | R0143 | R0143 | L0202 | L0202 |
| Malawi | 32.8 | 70.4 | 11.8 | - | K0233 | K0233 | K0233 | |
| Mali | 4.4 | 55.5 | 3.4 c | 52.8 c | M0452 | M0452 | M0331 | M0331 |
| * Mauritania | .5 a | .9 | - | - | A0166 | A0166 | | |
| Mauritius | - | .8 | - | - | | P0074 | | |
| Mayotte | - | - | - | - | | | | |
| * Morocco | .2 | 1.4 | - | - | R0099 | M0470 | | |
| * Mozambique | 2.7 | 7.6 b | 1.5 a | - | B0272 | D0194 | C0183 | |
| Namibia | 17.6 | - | 10.3 | - | M0488 | | M0488 | |
| * Niger | 1.3 a | 12.6 a | 1.4 | - | M0394 | S0258 | H0106 | |
| Nigeria | 6.7 c | 29.1 c | - | - | N0176 | N0176 | | |
| Reunion | - | - | - | - | | | | |
| Rwanda | 25.4 | 73.2 | - | - | N0168 | B0243 | | |
| St. Helena | - | - | - | - | | | | |
| Sao Tome & Principe | - | - | - | - | | | | |
| * Senegal | 1.7 a | 10.1 a | .6 a | 9.2 a | K0200 | M0420 | M0420 | M0420 |
| Seychelles | - | - | - | - | | | | |
| Sierra Leone | - | 26.7 | - | - | | K0209 | | |
| Somalia | - | - | - | - | | | | |

Table 1: Estimates of HIV-1 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1995

| Region and Country | Capital/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 |
| St. Vincent & Grenadines | .2 | 1.4 c | - | - | S0235 | S0234 S0235 S0236 | | |
| Trinidad & Tobago | .3 | 14.7 | - | - | F0065 | C0143 | | |
| Uruguay | .1 c | 10.7 c | - | - | B0297 B0302 | B0297 B0302 B0297 B0302 | | |
| Venezuela | .1 | 6.1 b | - | - | E0024 | E0024 | | |

- No Data found

* See table 2 for HIV-2 data

@ Data for Taiwan located under China within the "HIV/AIDS Surveillance Database".

a Rate represents infection with HIV1 only and dual infection (HIV1 and 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 combined.

NOTES:

Definition: High risk--prostitutes and clients, STD patients, or other persons with known risk factors

Low risk--pregnant women, blood donors, or other persons with no known risk factors.

SOURCE: U.S. Bureau of the Census, HIV/AIDS Surveillance Data Base, 1/97 Update

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U.S. Bureau of the Census -- HIV/AIDS Surveillance Data Base

Table 1: Estimates of HIV-1 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1995

| Region and Country | Capital/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 |
| Thailand | 2.8 | 21.6 | - | - | T0145 | T0145 | | |
| Tonga | .0 | - | - | - | W0112 | | | |
| Turkey | .0 | - | - | - | Y0022 | | | |
| Tuvalu | .0 b | - | - | - | W0112 | | | |
| Vietnam | .2 | 43.6 | - | - | N0182 | N0182 | | |
| | | 1.2 | | | | N0182 | | |
| West Bank | .0 | - | - | - | M0314 | | | |
| Western Samoa | .0 | - | - | - | W0112 | | | |
| LATIN AMERICA/CARIBBEAN | | | | | | | | |
| Argentina | 2.8 b | 9.1 b | - | - | N0179 | N0179 | | |
| Aruba | - | .0 b | - | - | | D0178 | | |
| Bahamas, The | 3.6 | 18.4 | - | - | B0179 | B0179 | | |
| Barbados | 1.2 c | - | - | - | B0186 | | | |
| | | | | | B0187 | | | |
| | | | | | B0188 | | | |
| | | | | | B0189 | | | |
| Brazil | 2.7 | 13.3 | .3 | 3.5 | J0056 | S0367 | A0165 | M0447 |
| British Virgin Islands | 2.8 b | - | - | - | B0206 | | | |
| Cayman Islands | .0 | - | - | - | G0123 | | | |
| Chile | .1 | 1.3 | - | - | P0142 | P0142 | | |
| Colombia | 1.1 | 3.4 | - | - | G0184 | G0184 | | |
| Costa Rica | .0 | 1.6 | - | - | L0223 | L0223 | | |
| Cuba | .0 | .0 | - | - | M0484 | S0389 | | |
| Dominican Rep. | 2.0 | 6.2 c | - | - | P0157 | P0156 | | |
| | | | | | | P0157 | | |
| Ecuador | .3 | 3.6 | - | - | B0300 | R0104 | | |
| El Salvador | .5 | 6.0 | - | - | D0202 | D0202 | | |
| Grenada | .0 | 2.4 b | - | - | G0140 | G0139 | | |
| Guatemala | .0 | 8.5 | - | - | M0205 | M0371 | | |
| Guyana | 6.9 | 25.0 | - | - | G0137 | F0065 | | |
| Haiti | 15.7 | 70.0 b | 4.0 | - | B0138 | K0205 | A0097 | |
| Honduras | 4.1 b | 20.5 b | - | - | M0495 | M0495 | | |
| Jamaica | .7 | 24.6 | - | - | D0196 | D0193 | | |
| Mexico | .6 b | 5.0 b | - | - | G0151 | G0151 | | |
| Monsterrat | .0 c | - | - | - | M0278 | | | |
| | | | | | M0279 | | | |
| | | | | | M0280 | | | |
| Nicaragua | .0 | 1.6 b | - | - | N0110 | N0110 | | |
| Panama | .8 | - | - | - | P0162 | | | |
| Paraguay | .0 | - | - | - | V0058 | | | |
| St. Kitts & Nevis | 2.0 c | - | - | - | S0227 | | | |
| | | | | | S0241 | | | |
| | | | | | S0242 | | | |
| St. Lucia | .0 c | 1.2 c | - | - | S0218 | S0217 | | |
| | | | | | S0220 | S0218 | | |
| | | | | | S0221 | S0220 | | |
| | | | | | | S0221 | | |

Table 3: Detailed Listing of Estimates of HIV-1 and 2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1995

| Region/ Country | Risk Geographic Area Area | Year | Sub-population | Sex | Age | Prev. Rate | Sample Data Size Type | Test Type | Source ID |
|------------------------|------------------------------|---------|-----------------------|-----|-----|---------------|--------------------------|---------------|--------------|
| *AFRICA | | | | | | | | | |
| ALGERIA | UH NOT SPECIFIED | 1991 | PROSTITUTES | F | ALL | .0 b | N/A HIV1 | UNK | A0132 |
| ANGOLA | UL LUANDA | 1995 | PREGNANT WOMEN | F | ALL | 1.0 | 695 HIV1 | ELISA,WB | A0157 |
| | UL2 LUANDA | 1995 | PREGNANT WOMEN | F | ALL | .0 | 695 HIV2 | ELISA,WB | A0157 |
| | OL NAMIBE PROVINCE | 1995 | PREGNANT WOMEN | F | ALL | .5 | 420 HIV1 | ELISA,WB | A0157 |
| | OL2 NAMIBE PROVINCE | 1995 | PREGNANT WOMEN | F | ALL | .0 | 420 HIV2 | ELISA,WB | A0157 |
| BENIN | UL PORTO NOVO | 1993 | PREGNANT WOMEN | F | ALL | 1.4 | 499 HIV1,2 | ELISA*2,WB | D0145 |
| | UH COTONOU/TOWNS | 1993-94 | PROSTITUTES | F | ALL | 50.8 a | 366 HIV1 | UNK | B0269 |
| | UH2 COTONOU/TOWNS | 1993-94 | PROSTITUTES | F | ALL | 12.9 a | 366 HIV2 | UNK | B0269 |
| | OL ZOU & MONO/RURAL | 1993(?) | GENERAL POPULATION | B | ALL | 4.9 a | 820 HIV1 | ELISA,WB | G0146 |
| | OL2 ZOU & MONO/RURAL | 1993(?) | GENERAL POPULATION | B | ALL | 3.8 a | 820 HIV2 | ELISA,WB | G0146 |
| BOTSWANA | + UL SIX SITES | 1995 | PREGNANT WOMEN | F | ALL | 32.4 | 2624 HIV | ELISA*2 | N0178 |
| | + UH SIX SITES | 1995 | STD PTS. | M | ALL | 41.6 | 891 HIV | ELISA*2 | N0178 |
| | + OL SOUTHERN DIST. | 1994 | PREGNANT WOMEN | F | ALL | 16.0 | 508 HIV | ELISA*2 | M0494 |
| BURKINA FASO | + UL BOBO DIOULASSO | 1995 | PREGNANT WOMEN | F | ALL | 12.0 | 824 HIV | ELISA,LIA | C0213 |
| | UH OUAGA. & BOBO | 1994 | PROSTITUTES/BARWORKER | F | ALL | 60.4 | 424 HIV1,2 | ELISA,RAPID | M0450 |
| BURUNDI | UL BUJUMBURA | 1992 | PREGNANT WOMEN | F | ALL | 20.0 | 1287 HIV | ELISA | B0233 |
| | OL RURAL AREAS | 1992 | PREGNANT WOMEN | F | ALL | 1.8 | 1231 HIV | ELISA | B0233 |
| CAMEROON | UL DOUALA | 1994 | PREGNANT WOMEN | F | ALL | 5.7 c | 599 HIV1 | UNK | S0315 |
| | UL2 YAOUNDE | 1994 | PREGNANT WOMEN | F | ALL | .0 | 301 HIV2 | ELISA*3,RAPID | Z0045 |
| | UH DOUALA | 1992 | PROSTITUTES | F | ALL | 45.3 | 236 HIV1,2 | RAPID,WB | G0147 |
| | OL MANYEMEN(RURAL) | 1991-92 | PREGNANT WOMEN | F | ALL | 2.9 | 382 HIV1 | ELISA,WB | S0316 |
| | OL2 MANYEMEN(RURAL) | 1991-92 | PREGNANT WOMEN | F | ALL | .0 | 382 HIV2 | ELISA,WB | S0316 |
| | OH BANKA(SEMIRURAL) | 1994 | STD CLINIC PTS. | B | ALL | 9.0 | 100 HIV1 | ELISA*3,RAPID | Z0045 |
| | OH2 BANKA(SEMIRURAL) | 1994 | STD CLINIC PTS. | B | ALL | .0 | 100 HIV2 | ELISA*3,RAPID | Z0045 |
| C. AFRICAN REPUBLIC | UL BANGUI | 1993 | PREGNANT WOMEN | F | ALL | 16.0 | 218 HIV | UNK | U0027 |
| | UH BANGUI | 1993 | STD CLINIC PTS. | B | ALL | 31.0 | 283 HIV | UNK | U0027 |
| | OL BATANGAFO | 1993 | PREGNANT WOMEN | F | ALL | 6.5 | 200 HIV | UNK | U0027 |
| | OL2 BERBERATI/RURAL | 1992 | ADULTS | B | ALL | .0 | 332 HIV2 | IFA,WB | R0117 |
| CHAD | UL SARH | 1992 | PREGNANT WOMEN | F | ALL | 4.1 | 435 HIV1,2 | RAPID,WB | M0266 |
| CONGO | UL BRAZZAVILLE | 1994 | PREGNANT WOMEN | F | ALL | 7.1 | 600 HIV | UNK | B0270 |
| | UH BRAZZAVILLE | 1990 | STD PTS. | B | ALL | 17.6 c | 400 HIV | ELISA | M0333 |
| | OL OWANDO | 1992 | PREGNANT WOMEN | F | ALL | 2.6 | 300 HIV | UNK | B0162 |
| COTE D'IVOIRE | + UL ABIDJAN | 1995-96 | PREGNANT WOMEN | F | ALL | 12.5 a | 2559 HIV1 | UNK | W0119 |
| | + UL2 ABIDJAN | 1995-96 | PREGNANT WOMEN | F | ALL | 2.0 a | 2559 HIV2 | UNK | W0119 |
| | UH ABIDJAN | 1992-94 | PROSTITUTES | F | ALL | 77.0 a | 1209 HIV1 | ELISA,LIA,WB | G0174 |
| | UH2 ABIDJAN | 1992-94 | PROSTITUTES | F | ALL | 32.7 a | 1209 HIV2 | ELISA,LIA,WB | G0174 |
| DJIBOUTI | UH DJIBOUTI | 1991 | STREET PROSTITUTES | F | ALL | 43.0 | 300 HIV | ELISA,WB | C0141 |
| | UH2 DJIBOUTI | 1990 | STREET PROSTITUTES | F | ALL | .0 | 115 HIV2 | ELISA,WB | R0051 |

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Table 2: Estimates of HIV-2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1995

| Region and Country | Capital/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 | .0 | - | .0 | - | A0157 | | A0157 | |
| * Benin | - | 12.9 a | 3.8 a | - | | B0269 | G0146 | |
| * Cameroon | .0 | - | .0 | .0 | Z0045 | | S0316 | Z0045 |
| * Central African Rep. | - | - | .0 | - | | | R0117 | |
| * Cote d'Ivoire | 2.0 a | 32.7 a | - | - | W0119 | G0174 | | |
| * Djibouti | - | .0 | - | - | | R0051 | | |
| * Gabon | .8 a | - | - | - | M0326 | | | |
| * Gambia, The | 1.2 a | 26.7 a | - | - | O0083 | H0117 | | |
| * Ghana | .4 a | 1.2 a | .2 a | - | M0442 | M0436 | M0442 | |
| * Guinea | .4 a | - | .1 | - | M0334 | | J0028 | |
| * Guinea-Bissau | 5.0 a | - | 8.3 a | - | A0167 | | W0082 | |
| * Mauritania | .2 a | - | - | - | A0166 | | | |
| * Morocco | .0 | - | - | - | Z0022 | | | |
| * Mozambique | - | - | .5 a | - | | | C0183 | |
| * Niger | .0 a | 6.3 a | - | - | M0394 | S0258 | | |
| * Senegal | .4 a | 8.0 a | 1.0 a | 27.6 a | K0200 | M0420 | M0420 | M0420 |
| * Togo | - | - | .0 | - | | | M0375 | |
| * Zimbabwe | - | - | - | .0 | | | | T0130 |
| ASIA/OCEANIA | | | | | | | | |
| * China, Taiwan @ | - | .0 | - | - | | H0092 | | |
| * India | - | 7.0 a | - | - | | B0287 | | |

- No Data found

* See table 1 for HIV-1 data

@ Data for Taiwan located under China within the "HIV/AIDS Surveillance Database".

a Rate represents infection with HIV1 only and dual infection (HIV1 and 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 combined.

NOTES:

Definition: High risk--prostitutes and clients, STD patients, or other persons with known risk factors

Low risk--pregnant women, blood donors, or other persons with no known risk factors.

SOURCE: U.S. Bureau of the Census, HIV/AIDS Surveillance Data Base, 1/97 Update

Table 3: Detailed Listing of Estimates of HIV-1 and 2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1995

| Region/ Country | Risk Area | Geographic Area | Year | Sub-population | Sex | Age | Prev. Rate | Sample Size | Data Type | Test Type | Source ID |
|--------------------|--------------|--------------------|---------|------------------------|-----|-----|---------------|----------------|--------------|---------------|--------------|
| MALAWI | + UL | BLANTYRE | 1995 | PREGNANT WOMEN | F | ALL | 32.8 | 400 | HIV | ELISA | K0233 |
| | + UH | BLANTYRE | 1995 | STD CLINIC PTS. | B | ALL | 70.4 | 250 | HIV | ELISA | K0233 |
| | + OL | KASINA(RURAL) | 1995 | PREGNANT WOMEN | F | ALL | 11.8 | 119 | HIV | ELISA | K0233 |
| MALI | UL | BAMAKO | 1994 | PREGNANT WOMEN | F | ALL | 4.4 | 205 | HIV1,2 | ELISA,RAPID | M0452 |
| | UH | BAMAKO | 1995(?) | PROSTITUTES | F | ALL | 55.5 | 146 | HIV1,2 | ELISA,RAPID | M0452 |
| | OL | SEVEN REGIONS | 1992 | GENERAL POPULATION | F | ALL | 3.4 c | 2990 | HIV1,2 | LIA,WB | M0331 |
| | OH | FIVE REGIONS | 1992 | PROSTITUTES | F | ALL | 52.8 c | 178 | HIV1,2 | LIA,WB | M0331 |
| MAURITANIA | + UL | NOUAKCHOTT | 1993-94 | PREGNANT WOMEN | F | ALL | .5 a | 1106 | HIV1 | ELISA*2,RAPID | A0166 |
| | + UL2 | NOUAKCHOTT | 1993-94 | PREGNANT WOMEN | F | ALL | .2 a | 1106 | HIV2 | ELISA*2,RAPID | A0166 |
| | + UH | NOUAKCHOTT | 1993-94 | STD PTS. | F | ALL | .9 | 430 | HIV | ELISA*2,RAPID | A0166 |
| MAURITIUS | UH | NOT SPECIFIED | 1988-91 | STD CLINIC PTS. | B | ALL | .8 | 1470 | HIV | ELISA,WB | P0074 |
| MOROCCO | UL | RABAT | 1993(?) | PREGNANT WOMEN | F | ALL | .2 | 671 | HIV1 | ELISA,WB | R0099 |
| | UL2 | CASABLANCA | 1991(?) | PREGNANT WOMEN | F | ALL | .0 | 300 | HIV2 | ELISA,WB | Z0022 |
| | + UH | THREE CITIES | 1996(?) | STD PTS. | M | ALL | 1.4 | 223 | HIV | ELISA,WB | M0470 |
| MOZAMBIQUE | UL | MAPUTO | 1994 | PREGNANT WOMEN | F | ALL | 2.7 | 800 | HIV | ELISA,RAPID | B0272 |
| | + UH | MAPUTO | 1995 | STD PTS. | B | ALL | 7.6 b | N/A | HIV | ELISA,RAPID | D0194 |
| | OL | ZAMBEZIA PR./RUR | 1992-93 | DISPL. PREGNANT WOMEN | F | ALL | 1.5 a | 1728 | HIV1 | ELISA,WB | C0183 |
| | OL2 | ZAMBEZIA PR./RUR | 1992-93 | DISPL. PREGNANT WOMEN | F | ALL | .5 a | 1728 | HIV2 | ELISA,WB | C0183 |
| NAMIBIA | + UL | SIX URBAN SITES | 1996 | PREGNANT WOMEN | F | ALL | 17.6 | 1290 | HIV | ELISA*2 | M0488 |
| | + OL | FOUR RURAL SITES | 1996 | PREGNANT WOMEN | F | ALL | 10.3 | 565 | HIV | ELISA*2 | M0488 |
| NIGER | UL | NIAMEY | 1993 | PREGNANT WOMEN | F | ALL | 1.3 a | 400 | HIV1 | ELISA,RAPID | M0394 |
| | UL2 | NIAMEY | 1993 | PREGNANT WOMEN | F | ALL | .0 a | 400 | HIV2 | ELISA,RAPID | M0394 |
| | UH | NIAMEY | 1993 | PROSTITUTES | F | ALL | 12.6 a | 253 | HIV1 | ELISA,LIA | S0258 |
| | UH2 | NIAMEY | 1993 | PROSTITUTES | F | ALL | 6.3 a | 253 | HIV2 | ELISA,LIA | S0258 |
| | OL | TAHOJA REG/RURAL | 1992 | PREGNANT WOMEN | F | ALL | 1.4 | 650 | HIV | ELISA,WB | H0106 |
| NIGERIA | UL | LAGOS ST/5 SITES | 1993-94 | PREGNANT WOMEN | F | ALL | 6.7 c | 1894 | HIV | ELISA*2,RAPID | N0176 |
| | UH | LAGOS ST/3 SITES | 1993-94 | PROSTITUTES | F | ALL | 29.1 c | 292 | HIV | ELISA*2,RAPID | N0176 |
| RWANDA | UL | KIGALI | 1995 | PREGNANT WOMEN | F | ALL | 25.4 | 500 | HIV | RAPID | N0168 |
| | UH | KIGALI | 1990-92 | STD PTS. W/ GU | B | ALL | 73.2 | 395 | HIV | ELISA,LIA | B0243 |
| SENEGAL | UL | DAKAR | 1995(?) | FAM. PLAN. CLINIC PTS. | F | ALL | 1.7 a | 230 | HIV1 | UNK | K0200 |
| | UL2 | DAKAR | 1995(?) | FAM. PLAN. CLINIC PTS. | F | ALL | .4 a | 230 | HIV2 | UNK | K0200 |
| | UH | DAKAR REGION | 1994 | PROSTITUTES | F | ALL | 10.1 a | 347 | HIV1 | ELISA,WB | M0420 |
| | UH2 | DAKAR REGION | 1994 | PROSTITUTES | F | ALL | 8.0 a | 347 | HIV2 | ELISA,WB | M0420 |
| | OL | ZIGUINCHOR REG. | 1994 | PREGNANT WOMEN | F | ALL | .6 a | 671 | HIV1 | ELISA,WB | M0420 |
| | OL2 | ZIGUINCHOR REG. | 1994 | PREGNANT WOMEN | F | ALL | 1.0 a | 671 | HIV2 | ELISA,WB | M0420 |
| | OH | ZIGUINCHOR REG. | 1994 | PROSTITUTES | F | ALL | 9.2 a | 141 | HIV1 | ELISA,WB | M0420 |
| | OH2 | ZIGUINCHOR REG. | 1994 | PROSTITUTES | F | ALL | 27.6 a | 141 | HIV2 | ELISA,WB | M0420 |
| SIERRA LEONE | UH | FREETOWN | 1995(?) | PROSTITUTES | F | ALL | 26.7 | 150 | HIV | UNK | K0209 |

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Table 3: Detailed Listing of Estimates of HIV-1 and 2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1995

| Region/ Country | Risk Area | Geographic Area | Year | Sub-population | Sex | Age | Prev. Rate | Sample Size | Data Type | Test Type | Source ID |
|--------------------|-----------|------------------|---------|-----------------------|---------------------|-----|------------|-------------|-----------|-----------------|-----------|
| EGYPT | + UL | ALEXANDRIA | 1992-94 | BLOOD DONORS | B | ALL | .0 | 283 | HIV1,2 | ELISA*2,WB | Q0009 |
| | UH | CAIRO | 1994(?) | HIGH RISK INDIVIDUALS | B | ALL | 5.3 | 150 | HIV | ELISA | H0116 |
| | + OL | S. SINAI/RURAL | 1994 | ADULT | B | ALL | .0 | 467 | HIV | ELISA | E0049 |
| ERITREA | UL | ASMARA | 1991 | BLOOD DONORS | B | ALL | 1.6 | 516 | HIV1 | ELISA*2,WB | Z0041 |
| ETHIOPIA | + UL | ADDIS ABABA | 1994 | ADULTS | F | ALL | 6.7 | 1804 | HIV1 | ELISA | M0471 |
| | UH | ADDIS ABABA | 1990 | PROSTITUTES | F | ALL | 54.2 | 1225 | HIV | WB | N0083 |
| | OL | JIMMA (RURAL) | 1993-94 | MOTHERS | F | ALL | 8.6 | 747 | HIV | UNK | E0048 |
| | OH | NAZARETH | 1991 | PROSTITUTES | F | ALL | 65.6 | 215 | HIV | ELISA,WB | N0083 |
| GABON | + UL | LIBREVILLE | 1994 | PREGNANT WOMEN | F | ALL | 1.7 | 1684 | HIV1 | ELISA,LIA,WB | D0190 |
| | UL2 | FRANCEVILLE | 1993(?) | ADULTS | B | ALL | .8 a | 674 | HIV2 | ELISA,WB | M0326 |
| THE GAMBIA | + UL | EIGHT SITES | 1993-95 | PREGNANT WOMEN | F | ALL | .6 a | 29670 | HIV1 | UNK | O0083 |
| | + UL2 | EIGHT SITES | 1993-95 | PREGNANT WOMEN | F | ALL | 1.2 a | 29670 | HIV2 | UNK | O0083 |
| | UH | THREE TOWNS | 1993 | PROSTITUTES | F | ALL | 13.6 a | 213 | HIV1 | UNK | H0117 |
| | UH2 | THREE TOWNS | 1993 | PROSTITUTES | F | ALL | 26.7 a | 213 | HIV2 | UNK | H0117 |
| GHANA | + UL | KUMASI | 1995 | PREGNANT WOMEN | F | ALL | 3.2 a | 500 | HIV1 | ELISA,RAPID,LIA | M0442 |
| | + UL2 | KUMASI | 1995 | PREGNANT WOMEN | F | ALL | 0.4 a | 500 | HIV2 | ELISA,RAPID,LIA | M0442 |
| | + UH | KUMASI | 1994 | STD CLINIC PTS. | B | ALL | 5.2 a | 502 | HIV1 | ELISA,RAPID,LIA | M0436 |
| | + UH2 | KUMASI | 1994 | STD CLINIC PTS. | B | ALL | 1.2 a | 502 | HIV2 | ELISA,RAPID,LIA | M0436 |
| | + OL | NALERIGU(SEMRUR) | 1995 | PREGNANT WOMEN | F | ALL | 1.0 a | 500 | HIV1 | ELISA,RAPID,LIA | M0442 |
| | + OL2 | NALERIGU(SEMRUR) | 1995 | PREGNANT WOMEN | F | ALL | .2 a | 500 | HIV2 | ELISA,RAPID,LIA | M0442 |
| | GUINEA | UL | CONAKRY | 1991 | BLOOD DONORS - VOL. | B | ALL | .7 a | 2003 | HIV1 | ELISA,WB |
| UL2 | | CONAKRY | 1991 | BLOOD DONORS - VOL. | B | ALL | .4 a | 2003 | HIV2 | ELISA,WB | M0334 |
| UH | | CONAKRY | 1994 | PROSTITUTES | F | ALL | 36.6 | 112 | HIV | WB | B0271 |
| OL | | SAMOE | 1992(?) | RURAL POPULATION | B | ALL | .3 | 928 | HIV1 | ELISA,RAPID,WB | J0028 |
| OL2 | | SAMOE | 1992(?) | RURAL POPULATION | B | ALL | .1 | 928 | HIV2 | ELISA,RAPID,WB | J0028 |
| GUINEA- BISSAU | + UL | BISSAU | 1995 | PREGNANT WOMEN | F | ALL | 2.6 a | 1496 | HIV1 | ELISA,WB | A0167 |
| | + UL2 | BISSAU | 1995 | PREGNANT WOMEN | F | ALL | 5.0 a | 1496 | HIV2 | ELISA,WB | A0167 |
| | OL | RURAL AREA | 1991 | ADULTS | B | ALL | .5 a | 2770 | HIV1 | ELISA,LIA,WB | W0082 |
| | OL2 | RURAL AREA | 1991 | ADULTS | B | ALL | 8.3 a | 2770 | HIV2 | ELISA,LIA,WB | W0082 |
| KENYA | + UL | NAIROBI | 1996(?) | PREGNANT WOMEN | F | ALL | 18.1 | 210 | HIV1 | UNK | G0183 |
| | UH | NAIROBI | 1992 | PROSTITUTES | F | ALL | 85.5 | 330 | HIV | ELISA*2 | M0243 |
| | + OL | KARURUMO | 1995 | PREGNANT WOMEN | F | ALL | 10.3 | 322 | HIV | UNK | B0288 |
| LESOTHO | UL | MASERU | 1993 | PREGNANT WOMEN | F | ALL | 6.1 | 459 | HIV | ELISA*3 | M0391 |
| | UH | MASERU | 1993 | STD PTS. | B | ALL | 11.1 | 377 | HIV | ELISA*3 | M0391 |
| | OL | MALUTI DISTRICT | 1993 | PREGNANT WOMEN | F | ALL | 4.2 | 402 | HIV | RAPID,ELISA | M0391 |
| | OH | MALUTI DISTRICT | 1993 | STD PTS. | B | ALL | 21.3 | 221 | HIV | RAPID,ELISA | M0391 |
| MADAGASCAR | + UL | THREE CITIES | 1995 | PREGNANT WOMEN | F | ALL | .1 | 1587 | HIV | ELISA,WB | R0143 |
| | + UH | THREE CITIES | 1995 | STD PTS. | B | ALL | .3 | 1575 | HIV | ELISA,WB | R0143 |
| | OL | TOLIARY PROVINCE | 1995 | PREGNANT WOMEN | F | ALL | .0 | 500 | HIV | UNK | L0202 |
| | OH | TOLIARY PROVINCE | 1995 | STD PTS. | B | ALL | .4 | 500 | HIV | UNK | L0202 |

Table 3: Detailed Listing of Estimates of HIV-1 and 2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1995

| Region/ Country | Risk Geographic Area Area | Year | Sub-population | Sex | Age | Prev. Rate | Sample Data Size Type | Test Type | Source ID |
|---------------------|------------------------------|---------|---------------------|-----|-----|---------------|--------------------------|----------------|--------------|
| CAMBODIA | + UL PHNOM PENH | 1996 | PREGNANT WOMEN | F | ALL | 3.2 | 186 HIV | RAPID,ELISA | C0228 |
| | + UH PHNOM PENH | 1996 | PROSTITUTES | F | ALL | 41.6 | 173 HIV | RAPID | C0228 |
| | + OL KAMPONG CHAM PR. | 1996 | PREGNANT WOMEN | F | ALL | .9 | 232 HIV | RAPID,ELISA | C0228 |
| | + OH KAMPONG CHAM PR. | 1996 | PROSTITUTES | F | ALL | 27.3 | 154 HIV | RAPID,ELISA | C0228 |
| CHINA, MAINLAND | UL NATIONAL | 1994 | BLOOD DONORS | B | ALL | .0 | 930000 HIV | UNK | W0112 |
| | + UH RUILI | 1995 | IVDU | B | ALL | 73.2 b | N/A HIV | UNK | C0221 |
| CHINA, TAIWAN @ | UL NOT SPECIFIED | 1994 | VARIOUS GROUPS | B | ALL | .0 | 8828391 HIV1 | ELISA*2,WB | W0097 |
| | UH TAIPEI | 1991-92 | STD CLINIC PTS. | B | ALL | .4 | 19811 HIV1 | ELISA,WB | H0092 |
| | UH2 TAIPEI | 1991-92 | STD CLINIC PTS. | B | ALL | .0 | 19811 HIV2 | ELISA,WB | H0092 |
| COOK ISLANDS | UL NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .0 | 208 HIV | UNK | W0112 |
| FIJI | UL NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .0 | 8986 HIV | UNK | W0112 |
| | UH NOT SPECIFIED | 1991-93 | STD PTS. | B | ALL | .1 | 2749 HIV | UNK | 00063 |
| FRENCH POLYNESIA | UL NATIONAL | 1993 | BLOOD DONORS - VOL. | B | ALL | .0 | 5169 HIV | UNK | W0112 |
| | UH NOT SPECIFIED | 1991 | PROSTITUTES | F | ALL | 3.0 | 230 HIV | UNK | 00063 |
| GAZA STRIP | UL NOT SPECIFIED | 1987-92 | BLOOD DONORS | B | ALL | .0 | 23406 HIV | WB | M0314 |
| GUAM | UL NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .1 | 1260 HIV | UNK | W0112 |
| HONG KONG | UL NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .0 | 172151 HIV | UNK | W0112 |
| | UH NOT SPECIFIED | 1994 | STD CLINIC PTS. | B | ALL | .1 | 14496 HIV | UNK | L0156 |
| INDIA | + UL BOMBAY | 1995 | PREGNANT WOMEN | F | 20+ | 2.5 b | N/A HIV | UNK | M0487 |
| | + UH BOMBAY | 1995 | STD PTS. | M | ALL | 28.6 a | 300 HIV1 | ELISA,RAPID,WB | B0287 |
| | + UH2 BOMBAY | 1995 | STD PTS. | M | ALL | 7.0 a | 300 HIV2 | ELISA,RAPID,WB | B0287 |
| INDONESIA | UH EAST JAVA | 1994(?) | PROSTITUTES | F | ALL | .3 | 1200 HIV | UNK | J0044 |
| ISRAEL | UL EAST JERUSALEM | 1989-92 | BLOOD DONORS | B | ALL | .0 | 21222 HIV | WB | M0314 |
| | UH TEL AVIV | 1991(?) | PROSTITUTES | F | ALL | 1.1 | 180 HIV | ELISA,WB | M0186 |
| KIRIBATI | UL NOT SPECIFIED | 1991-93 | BLOOD DONORS | B | ALL | .1 | 1694 HIV | UNK | 00063 |
| KOREA, NORTH | UL NOT SPECIFIED | 1990 | VARIOUS GROUPS | B | ALL | .0 | 61200 HIV | UNK | W0076 |
| KOREA, SOUTH | UL NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .8 | 1675316 HIV | UNK | W0112 |
| | UH NOT SPECIFIED | 1985-94 | PROSTITUTES | F | ALL | .0 | 140263 HIV | ELISA,WB | S0301 |
| LAOS | UL VIENTIANE | 1993 | BLOOD DONORS | B | ALL | .8 | 238 HIV | UNK | M0309 |
| | UH VIENTIANE | 1990-93 | PROSTITUTES | F | ALL | 1.2 | 257 HIV | ELISA,WB | P0122 |
| MACAU | UL NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .0 | 6400 HIV | UNK | W0112 |
| MALAYSIA | UL NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .0 | 218578 HIV | UNK | W0112 |
| | UH KOTA BHARU | 1992 | IVDU | B | ALL | 29.5 | 210 HIV | ELISA,WB | S0215 |

Table 3: Detailed Listing of Estimates of HIV-1 and 2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1995

| Region/ Country | Risk Area | Geographic Area | Year | Sub-population | Sex | Age | Prev. Rate | Sample Size | Data Type | Test Type | Source ID |
|--------------------|--------------|--------------------|---------|------------------------|-----|-----|---------------|----------------|--------------|---------------|--------------|
| SOUTH AFRICA | + UL | NATAL/KWAZULU PR | 1995 | PREGNANT WOMEN | F | ALL | 18.2 b | N/A | HIV | UNK | W0115 |
| | UH | JOHANNESBURG | 1994 | STD PTS. | B | ALL | 20.1 c | 4395 | HIV | UNK | R0123 |
| | OL | NATIONAL | 1994 | PREGNANT WOMEN | F | ALL | 6.4 | 18630 | HIV | ELISA*2,RAPID | R0131 |
| SUDAN | + UL | JUBA | 1995 | PREGNANT WOMEN | F | ALL | 3.0 b | N/A | HIV | UNK | W0122 |
| SWAZILAND | UL | NATIONAL | 1993 | PREGNANT WOMEN | F | ALL | 21.9 b | N/A | HIV | UNK | R0122 |
| | UH | NATIONAL | 1992 | STD CLINIC PTS. | B | ALL | 11.1 | 1489 | HIV | UNK | D0117 |
| TANZANIA | + UL | DAR ES SALAAM | 1995-96 | PREGNANT WOMEN | F | ALL | 13.7 | 6525 | HIV | ELISA,WB | M0473 |
| | UH | DAR ES SALAAM | 1993(?) | HIGH RISK INDIVIDUALS | F | ALL | 49.5 | 925 | HIV | ELISA | O0051 |
| | OL | MBEYA REG./RURAL | 1994 | PREGNANT WOMEN | F | ALL | 15.0 b | N/A | HIV | UNK | T0139 |
| | OH | MBEYA REGION | 1992 | STD PTS. | B | ALL | 34.3 b | N/A | HIV | ELISA*2,WB | R0090 |
| TOGO | UH | FIVE REGIONS | 1993(?) | MILITARY RECRUITS | M | ALL | 3.1 | 1357 | HIV | ELISA,WB | B0224 |
| | OL | DAPAONG/RURAL | 1993 | PREGNANT WOMEN | F | ALL | 3.0 | 497 | HIV1 | ELISA,WB | M0375 |
| | OL2 | DAPAONG/RURAL | 1993 | PREGNANT WOMEN | F | ALL | .0 | 497 | HIV2 | ELISA,WB | M0375 |
| | OH | DAPAONG/RURAL | 1993 | STD PTS. | B | ALL | 7.3 b | N/A | HIV1,2 | ELISA,WB | M0375 |
| TUNISIA | UL | TUNIS | 1991 | PREGNANT WOMEN | F | ALL | .0 | 1030 | HIV1 | ELISA,WB | B0169 |
| UGANDA | UL | KAMPALA | 1995 | PREGNANT WOMEN | F | ALL | 18.5 b | N/A | HIV | ELISA*2 | A0158 |
| | UH | KAMPALA | 1995 | STD PTS. | F | ALL | 38.5 b | N/A | HIV | ELISA*2 | A0158 |
| | OL | KABAROLE DST/RUR | 1994 | PREGNANT WOMEN | F | ALL | 6.5 b | N/A | HIV | UNK | W0094 |
| ZAIRE | UL | KINSHASA/3 SITES | 1992 | PREGNANT WOMEN | F | ALL | 5.0 c | 1298 | HIV1 | RAPID | M0265 |
| | + UH | KINSHASA | 1995 | PROSTITUTES | F | ALL | 30.3 | 601 | HIV | UNK | N0184 |
| | OL | MUSOSHI | 1991 | PREGNANT WOMEN | F | ALL | 2.9 | 1143 | HIV1 | ELISA,WB | M0265 |
| | OH | HAUT-ZAIRE REG. | 1991(?) | PROSTITUTES | F | ALL | 25.4 | 126 | HIV1 | ELISA,IFA/WB | G0092 |
| ZAMBIA | UL | URBAN AREAS | 1994 | PREGNANT WOMEN | F | ALL | 27.9 | 5320 | HIV | ELISA | F0084 |
| | UH | LUSAKA | 1992-93 | STD CLINIC PTS. | F | ALL | 58.0 | 329 | HIV | ELISA | S0294 |
| | OL | RURAL AREAS | 1994 | PREGNANT WOMEN | F | ALL | 12.7 | 6219 | HIV | UNK | F0084 |
| | OH | MUKINGE | 1990(?) | STD CLINIC PTS. | B | ALL | 36.0 b | N/A | HIV1 | ELISA | K0096 |
| ZIMBABWE | UL | HARARE | 1995 | PREGNANT WOMEN | F | ALL | 32.0 | 2783 | HIV | ELISA*2 | L0201 |
| | UH | HARARE | 1994-95 | PROSTITUTES | F | ALL | 86.0 | 147 | HIV | ELISA | M0433 |
| | OL | MANICALAND P/RUR | 1993 | PREGNANT WOMEN | F | ALL | 16.0 b | N/A | HIV | UNK | F0076 |
| | OH | MUREWA DISTRICT | 1991-93 | STD CLINIC PTS. | M | ALL | 46.0 | 215 | HIV1 | ELISA,WB | T0130 |
| | OH2 | MUREWA DISTRICT | 1991-93 | STD CLINIC PTS. | M | ALL | .0 | 215 | HIV2 | ELISA,WB | T0130 |
| *ASIA & OCEANIA | | | | | | | | | | | |
| BAHRAIN | UH | NOT SPECIFIED | 1990(?) | STD CLINIC PTS. | B | ALL | .0 | 1026 | HIV | UNK | F0038 |
| BANGLADESH | UL | NATIONAL | 1989-95 | VARIOUS GROUPS | B | ALL | .0 | 300000 | HIV | UNK | C0199 |
| | + UH | DHAKA | 1996(?) | PROSTITUTES | F | ALL | 1.2 b | 87 | HIV | RAPID | M0480 |
| BHUTAN | UL | NOT SPECIFIED | 1991 | VARIOUS GROUPS | B | ALL | .0 | 6832 | HIV | UNK | W0076 |
| BURMA | + UL | 20 SITES | 1995 | FAM. PLAN. CLINIC PTS. | F | ALL | 2.2 b | N/A | HIV | UNK | K0220 |
| | UH | RANGOON/MANDALAY | 1995 | PROSTITUTES | F | ALL | 18.0 | 194 | HIV | ELISA,RAPID | T0137 |

Table 3: Detailed Listing of Estimates of HIV-1 and 2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1995

| Region/ Country | Risk Area | Geographic Area | Year | Sub-population | Sex | Age | Prev. Rate | Sample Size | Data Type | Test Type | Source ID |
|--------------------------------|----------------|--------------------|-----------------|------------------------|-----|-----|---------------|----------------|--------------|-----------------|----------------------------------|
| VIETNAM | + UL | HO CHI MINH | 1995 | PREGNANT WOMEN | F | ALL | .2 | 898 | HIV | UNK | N0182 |
| | + UH | HO CHI MINH | 1995 | IVDU | B | ALL | 43.6 | 1264 | HIV | UNK | N0182 |
| | + UH | HO CHI MINH | 1995 | PROSTITUTES | F | ALL | 1.2 | 1568 | HIV | UNK | N0182 |
| WEST BANK | UL | NOT SPECIFIED | 1992 | BLOOD DONORS | B | ALL | .0 | 8997 | HIV | WB | M0314 |
| WESTERN SAMOA | UL | NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .0 | 1044 | HIV | UNK | W0112 |
| *LATIN AMERICA & *CARIBBEAN | | | | | | | | | | | |
| ARGENTINA | + UL | BUENOS AIRES PR. | 1995 | PREGNANT WOMEN | F | ALL | 2.8 b | N/A | HIV | UNK | N0179 |
| | + UH | BUENOS AIRES PR. | 1995 | STD PTS. | B | ALL | 9.1 b | N/A | HIV | UNK | N0179 |
| ARUBA | UH | NOT SPECIFIED | 1994 | PROSTITUTES | F | 18Y | .0 b | N/A | HIV1,2 | ELISA*2 | D0178 |
| THE BAHAMAS | UL | NOT SPECIFIED | 1993 | PREGNANT WOMEN | F | ALL | 3.6 | 1019 | HIV | ELISA | B0179 |
| | UH | NOT SPECIFIED | 1993 | STD PTS. | B | ALL | 18.4 | 228 | HIV | ELISA | B0179 |
| BARBADOS | UL | NOT SPECIFIED | 1992 | PREGNANT WOMEN | F | ALL | 1.2 c | 777 | HIV | ELISA | B0186 B0187 B0188 B0189 |
| | + UL | RIO DE JANEIRO | 1995 | PREGNANT WOMEN | F | ALL | 2.7 | 742 | HIV | ELISA | J0056 |
| | + UH | RIO DE JANEIRO | 1995 | STD CLINIC PTS. | B | ALL | 13.3 | 315 | HIV1 | ELISA*2 | S0367 |
| | + OL | BELO HORIZONTE | 1994-95 | PREGNANT WOMEN | F | ALL | .3 | 1489 | HIV1,2 | ELISA, WB | A0165 |
| + OH | BELO HORIZONTE | 1994 | STD CLINIC PTS. | B | ALL | 3.5 | 517 | HIV | UNK | M0447 | |
| BRITISH VIRGIN ISLANDS | UL | NOT SPECIFIED | 1992 | PREGNANT WOMEN | F | ALL | 2.8 b | 36 | HIV | UNK | B0206 |
| CAYMAN ISLANDS | UL | NOT SPECIFIED | 1992 | PREGNANT WOMEN | F | ALL | .0 | 462 | HIV | UNK | G0123 |
| CHILE | UL | METROPOLITAN RG. | 1994 | PREGNANT WOMEN | F | ALL | .1 | 2093 | HIV1 | ELISA*2, IFA/WB | P0142 |
| | UH | METROPOLITAN RG. | 1994 | STD CLINIC PTS. | B | ALL | 1.3 | 385 | HIV1 | ELISA*2, IFA/WB | P0142 |
| COLOMBIA | + UL | BARRANQUILLA | 1994 | PREGNANT WOMEN | F | ALL | 1.1 | 1233 | HIV1 | UNK | G0184 |
| | + UH | BARRANQUILLA | 1994 | PROSTITUTES & STD PTS. | B | ALL | 3.4 | 119 | HIV1 | UNK | G0184 |
| COSTA RICA | + UL | SAN JOSE | 1992 | PREGNANT WOMEN | F | ALL | 0.0 | 649 | HIV1 | ELISA | L0223 |
| | + UH | SAN JOSE | 1992 | STD CLINIC PTS. | B | ALL | 1.6 | 883 | HIV1 | ELISA | L0223 |
| CUBA | + UL | NOT SPECIFIED | 1996(?) | PREGNANT WOMEN | F | ALL | .0 | 1668237 | HIV | ELISA, WB | M0484 |
| | + UH | NOT SPECIFIED | 1993 | STD PTS. | B | ALL | .0 | 109545 | HIV1 | ELISA, WB | S0389 |
| DOMINICAN REPUBLIC | + UL | SANTO DOMINGO | 1995 | PREGNANT WOMEN | F | ALL | 2.0 | 1000 | HIV1 | ELISA*3 | P0157 |
| | + UH | SANTO DOMINGO | 1994 | SEW WORKERS | F | ALL | 6.2 c | 746 | HIV1 | ELISA*3 | P0156 P0157 |

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Table 3: Detailed Listing of Estimates of HIV-1 and 2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1995

| Region/ Country | Risk Area | Geographic Area | Year | Sub-population | Sex | Age | Prev. Rate | Sample Size | Data Type | Test Type | Source ID |
|---------------------------------|--------------|--------------------|---------|---------------------|-----|-----|---------------|----------------|--------------|----------------|--------------|
| MALDIVES | UL | NOT SPECIFIED | 1991 | VARIOUS GROUPS | B | ALL | .0 | 8311 | HIV | UNK | W0076 |
| MARSHALL ISLANDS | UL | NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .0 | 386 | HIV | UNK | W0112 |
| MICRONESIA, FEDRTD STATES | UL | NATIONAL | 1994 | BLOOD DONORS | B | ALL | .0 | 1188 | HIV | UNK | W0112 |
| MONGOLIA | UL | NATIONAL | 1994 | BLOOD DONORS | B | ALL | .0 | 6867 | HIV | UNK | W0112 |
| | UH | ULAANBAATAR | 1987-93 | PROSTITUTES | F | ALL | .0 | 439 | HIV | UNK | M0340 |
| NEPAL | + UL | EIGHT SITES | 1992 | PREGNANT WOMEN | F | ALL | .0 b | N/A | HIV | UNK | S0391 |
| | + UH | EIGHT SITES | 1992 | PROSTITUTES | F | ALL | 1.3 b | N/A | HIV | UNK | S0391 |
| NEW CALEDONIA | UL | NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .1 | 6355 | HIV | UNK | W0112 |
| PAKISTAN | + UL | LAHORE | 1995 | PREGNANT WOMEN | F | ALL | .6 | 2000 | HIV | RAPID,ELISA | P0144 |
| | + UH | LAHORE | 1995 | STD CLINIC PTS. | B | ALL | 3.7 | 295 | HIV | RAPID | P0144 |
| PALAU | UL | NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .0 | 252 | HIV | UNK | W0112 |
| | UH | NOT SPECIFIED | 1991-93 | STD PTS. | B | ALL | .0 | 175 | HIV | UNK | 00063 |
| PAPUA NEW GUINEA | UL | NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .0 | 25576 | HIV | UNK | W0112 |
| | UH | PORT MORESBY | 1992 | STD CLINIC PTS. | B | ALL | .3 | 2000 | HIV | ELISA,WB | 00053 |
| | OL | GOROKA | 1992 | PREGNANT WOMEN | F | ALL | .0 | 761 | HIV | ELISA,RAPID,WB | I0028 |
| | OH | WEWAK & GOROKA | 1992 | STD PTS. | B | ALL | .0 c | 700 | HIV | ELISA,RAPID,WB | I0028 |
| PHILIPPINES | UL | NATIONAL | 1994 | BLOOD DONORS | B | ALL | .0 | 499511 | HIV | UNK | W0112 |
| | UH | PASAY CITY | 1993 | PROSTITUTES | F | ALL | .5 | 1483 | HIV | UNK | T0125 |
| SINGAPORE | UL | NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .0 | 59716 | HIV | UNK | W0112 |
| | UH | NOT SPECIFIED | 1994 | PROSTITUTES | F | ALL | 3.7 b | N/A | HIV | UNK | G0161 |
| SOLOMON ISLANDS | UL | NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .0 | 1516 | HIV | UNK | W0112 |
| | UH | NOT SPECIFIED | 1991-93 | STD PTS. | B | ALL | .0 | 279 | HIV | UNK | 00063 |
| SRI LANKA | UL | NOT SPECIFIED | 1991 | VARIOUS GROUPS | B | ALL | .0 | 195148 | HIV | UNK | W0076 |
| | + UH | COLOMBO | 1993 | PROSTITUTES | F | ALL | .5 b | N/A | HIV | UNK | B0304 |
| THAILAND | UL | CENTRAL REGION | 1995 | PREGNANT WOMEN | F | ALL | 2.8 | 14822 | HIV | UNK | T0145 |
| | UH | CENTRAL REGION | 1995 | PROSTITUTES | F | ALL | 21.6 c | 6531 | HIV | UNK | T0145 |
| TONGA | UL | NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .0 | 1513 | HIV | UNK | W0112 |
| TURKEY | UL | ISTANBUL | 1993-94 | BLOOD DONORS | B | ALL | .0 | 14157 | HIV1 | ELISA*2,WB | Y0022 |
| TUVALU | UL | NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .0 b | 42 | HIV | UNK | W0112 |
| VANUATU | UL | NATIONAL | 1994 | BLOOD DONORS | B | ALL | .0 | 421 | HIV | UNK | W0112 |

Table 3: Detailed Listing of Estimates of HIV-1 and 2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1995

| Region/ Country | Risk Area | Geographic Area | Year | Sub-population | Sex | Age | Prev. Rate | Sample Size | Data Type | Test Type | Source ID |
|------------------------------------|--------------|--------------------|---------|-----------------|-----|-----|---------------|----------------|--------------|---------------|--------------|
| ST. VINCENT & THE GRENADINES | UL | NOT SPECIFIED | 1992 | PREGNANT WOMEN | F | ALL | .2 | 429 | HIV | ELISA | S0235 |
| | UH | NOT SPECIFIED | 1992 | STD PTS. | B | ALL | 1.4 c | 1443 | HIV | ELISA | S0234 |
| | | | | | | | | | | | S0235 |
| | | | | | | | | | | | S0236 |
| TRINIDAD & TOBAGO | UL | NOT SPECIFIED | 1990 | PREGNANT WOMEN | F | ALL | .3 | 1000 | HIV | UNK | F0065 |
| | UH | PORT OF SPAIN | 1991-92 | STD CLINIC PTS. | B | ALL | 14.7 | 1664 | HIV1 | UNK | C0143 |
| URUGUAY | + UL | MONTEVIDEO | 1996 | BLOOD DONORS | B | ALL | 0.1 c | 34691 | HIV1,2 | ELISA, IFA/WB | B0297 |
| | | | | | | | | | | | B0302 |
| | + UH | MONTEVIDEO | 1996 | IVDU | B | ALL | 10.7 c | 216 | HIV1,2 | ELISA, IFA/WB | B0297 |
| | | | | | | | | | | B0302 | |
| | + UH | MONTEVIDEO | 1996 | PROSTITUTES | F | ALL | .3 c | 1323 | HIV1,2 | ELISA, IFA/WB | B0297 |
| | | | | | | | | | | | B0302 |
| VENEZUELA | UL | NOT SPECIFIED | 1992(?) | BLOOD DONORS | B | ALL | .1 | 1589 | HIV1 | ELISA, WB | E0024 |
| | UH | NOT SPECIFIED | 1992(?) | PROSTITUTES | F | ALL | 6.1 b | 99 | HIV1 | ELISA, WB | E0024 |

a Rate represents co-infection with HIV1 and 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 combined.

+ Data changed and/or added.

@ Data for Taiwan located under China within the "HIV/AIDS Surveillance Database".

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, 1/97 Update

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Table 3: Detailed Listing of Estimates of HIV-1 and 2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1995

| Region/ Country | Risk Area | Geographic Area | Year | Sub-population | Sex | Age | Prev. Rate | Sample Size | Data Type | Test Type | Source ID |
|---------------------|--------------|--------------------|---------|-----------------------|-----|-----|---------------|----------------|--------------|----------------|----------------------------------|
| ECUADOR | + UL | GUAYAQUIL | 1992 | PREGNANT WOMEN | F | ALL | .3 | 390 | HIV1 | ELISA,WB | B0300 |
| | UH | GUAYAQUIL | 1993 | STD PTS. | B | ALL | 3.6 | 1395 | HIV1 | ELISA,WB | R0104 |
| EL SALVADOR | + UL | NOT SPECIFIED | 1996 | WOMEN | F | ALL | .5 | 2195 | HIV | ELISA | D0202 |
| | + UH | NOT SPECIFIED | 1995-96 | STD CLINIC PTS. | B | ALL | 6.0 | 531 | HIV | ELISA | D0202 |
| GRENADA | UL | NOT SPECIFIED | 1991 | PREGNANT WOMEN | F | ALL | .0 | 112 | HIV | ELISA | G0140 |
| | UH | NOT SPECIFIED | 1991 | STD PTS. | B | ALL | 2.4 b | 41 | HIV | ELISA | G0139 |
| GUATEMALA | UL | GUATEMALA CITY | 1990-91 | PREGNANT WOMEN | F | ALL | .0 | 500 | HIV | ELISA,WB | M0205 |
| | UH | GUATEMALA CITY | 1990-93 | STD CLINIC PTS. W/ GU | B | ALL | 8.5 | 130 | HIV | ELISA,WB | M0371 |
| GUYANA | UL | NOT SPECIFIED | 1992 | PREGNANT WOMEN | F | ALL | 6.9 | 145 | HIV | ELISA | G0137 |
| | UH | NOT SPECIFIED | 1993 | PROSTITUTES | F | ALL | 25.0 | 108 | HIV | UNK | F0065 |
| HAITI | UL | CITE SOLEIL | 1992(?) | HEALTHY ADULTS | B | ALL | 15.7 | 4133 | HIV | ELISA/RAPID,WB | B0138 |
| | UH | NOT SPECIFIED | 1990 | PROSTITUTES | F | ALL | 70.0 b | N/A | HIV | UNK | K0205 |
| | OL | NORTH RURAL AREA | 1990 | PREGNANT WOMEN | F | ALL | 4.0 | 500 | HIV | WB | A0097 |
| HONDURAS | + UL | SAN PEDRO SULA | 1995 | PREGNANT WOMEN | F | ALL | 4.1 b | N/A | HIV | UNK | M0495 |
| | + UH | SAN PEDRO SULA | 1995 | PROSTITUTES | F | ALL | 20.5 b | N/A | HIV | UNK | M0495 |
| JAMAICA | + UL | KINGSTON | 1996(?) | PREGNANT WOMEN | F | ALL | .7 | 140 | HIV1 | ELISA,WB | D0196 |
| | + UH | MONTEGO BAY | 1994-95 | PROSTITUTES | F | ALL | 24.6 | 310 | HIV | UNK | D0193 |
| MEXICO | UL | NATIONAL | 1994(?) | PREGNANT WOMEN | F | ALL | .6 b | N/A | HIV | UNK | G0151 |
| | UH | NATIONAL | 1994(?) | PROSTITUTES | F | ALL | 5.0 b | N/A | HIV | UNK | G0151 |
| MONTSERRAT | UL | NOT SPECIFIED | 1992 | BLOOD DONORS | B | ALL | .0 c | 275 | HIV | ELISA | M0278 M0279 M0280 |
| NICARAGUA | UL | MANAGUA | 1990-91 | BLOOD DONORS | B | ALL | .0 | 15761 | HIV1 | UNK | N0110 |
| | UH | MANAGUA | 1990-91 | PROSTITUTES | F | ALL | 1.6 b | 61 | HIV1 | UNK | N0110 |
| PANAMA | + UL | METROPOLITANA R | 1993 | NEW MOTHERS | F | ALL | .8 | 802 | HIV | UNK | P0162 |
| PARAGUAY | UL | ASUNCION | 1992 | PREGNANT WOMEN | F | ALL | .0 | 1500 | HIV | ELISA,WB | V0058 |
| ST. KITTS/ NEVIS | UL | NOT SPECIFIED | 1992 | PREGNANT WOMEN | F | ALL | 2.0 c | 152 | HIV | ELISA | S0227 S0241 S0242 |
| ST. LUCIA | UL | NOT SPECIFIED | 1992 | BLOOD DONORS | B | ALL | .0 c | 1025 | HIV | ELISA | S0218 S0220 S0221 |
| | UH | NOT SPECIFIED | 1992 | STD PTS. | B | ALL | 1.2 c | 2219 | HIV | ELISA | S0217 S0218 S0220 S0221 |

- B0288 Baltazar, G., T. M. Okeyo, 1996, The HIV Sentinel Surveillance System in Kenya: Methodology, Results and Uses, XI International Conference on AIDS, Vancouver, 7/7-14, Poster Mo.C.1550.
- B0297 Berriolo, R., Programa Nacional de ETS/SIDA, 1996, PAHO/WHO HIV Surveillance, May 2, PAHO/WHO.
- B0300 Buitron, R. A., Programa Nacional SIDA, 1994, PAHO/WHO HIV Surveillance, May 23, PAHO/WHO.
- B0302 Berriolo, R., Programa Nacional de ETS/SIDA (M.S.P.), 1996, PAHO/WHO HIV Surveillance, August 16, PAHO/WHO.
- B0304 Brown, T., P. Xenos, 1994, AIDS in Asia: The Gathering Storm, Analysis from the East-West Center, no. 16, August.
- C0141 Couzineau, B., J. Bouloumie, P. Hovette, et al., 1991, Prevalence of HIV Infection in a Target Population in the Republic of Djibouti, *Medecine Tropicale*, vol. 51, no. 4, pp. 485-486.
- C0143 Cleghorn, F., J. Noreen, J. R. Murphy, et al., 1995, HIV-1 Prevalence and Risk Factors among Sexually Transmitted Disease Clinic Attenders in Trinidad, *AIDS*, vol. 9, no. 4, pp. 389-394.
- C0183 Cossa, H. A., S. Gloyd, R. G. Vaz, et al., 1994, Syphilis and HIV Infection among Displaced Pregnant Women in Rural Mozambique, *International Journal of STD and AIDS*, vol. 5, pp. 117-123.
- C0199 Choudhury, A. Q. M. B., M. R. Choudhury, S. Lazzari, 1995, Responding to HIV/AIDS Epidemic in Bangladesh, 3rd International Conference on AIDS in Asia and the Pacific, Chiang Mai, Thailand, 9/17-21, Poster PB132.
- C0213 Cartoux, M., N. Meda, P. Van de Perre, et al., 1996, HIV Testing and Counseling (HIV T and C) in African Pregnant Women in the Context of Interventions to Reduce Mother-to-Child ..., XI International Conference on AIDS, Vancouver, 7/7-14, Abstract Th.C.41
- C0221 Cheng, H., J. P. Zhang, J. D. Kou, et al., 1996, The HIV Epidemic in Yunnan Province, 1995, XI International Conference on AIDS, Vancouver, 7/7-14, Poster Mo.C.1504.
- C0228 Chin, J., 1996, HIV Prevalence Estimates for Cambodia: Recommendations for Future HIV Surveillance, School of Public Health, University of California, Berkeley, Cambodia Trip Report, Sept. - Oct, unpublished.
- D0117 Dlamini-Kapenda, W., 1993, First HIV Sentinel Surveillance in Swaziland, 1992, February, unpublished report.
- D0145 Davo, N., C. Adjovi, S. Anagonou, et al., 1993, Evolution de l'Epidemie VIH/SIDA au Benin, VIII International Conference on AIDS in Africa, Marrakech, Morocco, 12/12-16, Session W.P.C.082.
- D0178 De Windt, M., Dept. Salubridad Publica, 1995, PAHO/WHO HIV Surveillance, June 23, PAHO/WHO.
- D0190 Delaporte, E., W. Janssens, M. Peeters, et al., 1996, Epidemiological and Molecular Characteristics of HIV Infection in Gabon, 1986-1994, *AIDS*, vol. 10, no. 8, pp. 903-910.
- D0193 Douglas, K. G., A. Brathwaite, V. Patterson, et al., 1996, Risk Factors Associated with STD/HIV Seropositivity among Female Commercial Sex Workers (CSWS) - Implications for an ..., XI International Conference on AIDS, Vancouver, 7/7-14, Poster Tu.C.2477.
- D0194 De Hulsters, B., A. Barreto, A. Noya, et al., 1996, STD Control, an Effective Means for HIV Control?, XI International Conference on AIDS, Vancouver, 7/7-14, Poster Th.C.4748.
- D0196 Dowe, G., S. D. King, A. Wynter, et al., 1996, High Prevalence of HIV and Other STDs in Jamaican Women, XI International Conference on AIDS, Vancouver, 7/7-14, Poster Tu.C.2657.
- D0202 De Bonilla, G., 1996, El Salvador HIV/AIDS Summary Report, Sited by Patricio Murgueytio, PASCA, personal memo.
- E0024 Echeverria de Perez, G., O. Loreto, N. E. Blanco, et al., 1992, Reappraisal of Human Retroviral Infection in Venezuela, *AIDS Research and Human Retroviruses*, vol. 8, no. 2, pp. 219-220.
- E0048 Eshetu, M., 1995, Seroprevalence of HIV and Syphilis among Ethiopian Mothers at Rural Hospital Jimma, Ethiopia from April 1993 - April 1994, IX International Conference on AIDS and STD in Africa, Kampala, Uganda, 12/10-14, Poster TuC608.
- E0049 El-Sayed, N. M., P. J. Gomatos, G. R. Rodier, et al., 1996, Seroprevalence Survey of Egyptian Tourism Workers for Hepatitis B Virus, Hepatitis C Virus, Human Immunodeficiency Virus ..., *American Journal of Tropical Medicine and Hygiene*, vol. 55, no. 2, pp.
- F0038 Fulayfil, R., Z. H. B. Baig, 1991, Prevalence of HIV Antibodies in High Risk Groups, Bahrain, VII International Conference on AIDS, Florence, Italy, 6/16-21, Abstract M.D.4161.
- F0065 Farley, J., 1993, Epidemiological Status of STD, HIV & AIDS, IX Latin American Conference on AIDS, Cartagena, Colombia, 11/3-6, Oral Session.
- F0076 Foster, G., R. Shakespeare, F. Chinemana, et al., 1995, Orphan Prevalence and Extended Family Care in a Peri-Urban Community in Zimbabwe, *AIDS Care*, vol. 7, no. 1, pp. 3-17.
- F0084 Fylkesnes, K., R. M. Musonda, N. P. Luo, et al., 1995, HIV Infection among Antenatal Women in Zambia: Results from 1994 and Indications on Trends 1990-94, IX International Conference on AIDS and STD in Africa, Kampala, Uganda, 12/10-14, Abstract WeC794.
- G0092 Goubau, P., K. Kazadi, H. Carton, et al., 1991, HTLV-1 in Zaire and its Relationship to HIV, VI International Conference on AIDS in Africa, Dakar, Senegal, 12/16-19, Poster T.A.159.
- G0123 Gayle, C., J. Farley, 1993, Trends in Patterns of Transmission Over 10 Years of the AIDS Epidemic in the English-Speaking Caribbean and Suriname, IX International Conference on AIDS, Berlin, 6/6-11, Poster PO-C06-2710.
- G0137 Guyana Ministry of Health AIDS Programme, 1993, PAHO/WHO HIV Surveillance, Feb. 1, Pan American Health Organization/World Health Organization.
- G0139 Grenada Ministry of Health, 1991, PAHO/WHO HIV Surveillance, Aug. 13, Pan American Health Organization/World Health Organization.
- G0140 Grenada Ministry of Health, 1991, PAHO/WHO HIV Surveillance, Apr. 25, Pan American Health Organization/World Health Organization.

REFERENCES

Source ID

- A0097 Allain, J. P., W. Hodges, M. H. Einstein, et al., 1992, Antibody to HIV-1, HTLV-1, and HCV in Three Populations of Rural Haitians, *Journal of Acquired Immune Deficiency Syndromes*, vol. 5, no. 12, pp. 1230-1236.
- A0132 Addad, B., S. Hamdi, A. Bouguermauh, 1993, Prevalence des MST en Consultation de Gynecologie - Obstetrique et dans le Milieu Carceral de la Prostitution, VIII International Conference on AIDS in Africa, Marrakech, Morocco, 12/12-16, Abstract W.P.C.076.
- A0157 Anderson, S., L. F. Dias, L. Cambelela, et al., 1995, HTLV Seroprevalence in Various Population Groups in Angola, IX International Conference on AIDS and STD in Africa, Kampala, Uganda, 12/10-14, Session MoC017.
- A0158 Asimwe-Okiror, G., J. Musinguzi, G. Tembo, et al., 1995, Declining Trends in HIV Infection in Urban Areas in Uganda, IX International Conference on AIDS and STD in Africa, Kampala, Uganda, 12/10-14, Session WeC206.
- A0165 Andrade, C. A., E. S. Soares, M. V. Lima-Martins, et al., 1996, Seroprevalence of HIV-1 and HTLV-I/II in Labour Women and Their Neonates in a Government Maternity in Belo Horizonte, Brazil, XI International Conference on AIDS, Vancouver, 7/7-14, Poster Pu
- A0166 Abbas, M. H., Phillipon, Tandia, et al., 1996, Prevalence of Sexually Transmitted Infections among Patients with Genital Discharge and Pregnant Women in Mauritania, XI International Conference on AIDS, Vancouver, 7/7-14, Poster, Mo.C.1632.
- A0167 Andersson, S., J. Albert, H. Norrgren, et al., 1996, Trends of Incidence and Prevalence of HIV-1 in Guinea Bissau, West Africa, and Preliminary Data on Subtypes, XI International Conference on AIDS, Vancouver, 7/7-14, Poster Mo.C.1480.
- B0138 Boulos, R., J. Coberly, P. Losikoff, et al., 1992, Risk Factors Associated with HIV Infection in Adults Responding to a Community Based TB/HIV Prevention Program, VIII International Conference on AIDS, Amsterdam, 7/19-24, Poster PoC 4061.
- B0162 Bazabana, M. M., J. C. Loukaka, M. Makuwa, et al., 1992, Surveillance par Reseau de Postes Sentinelles au Niveau District 1991 - 1992: Experience Congolaise, VII International Conference on AIDS in Africa, Yaounde, Cameroon, 12/8-11, Poster T.P.032.
- B0169 Ben Salem, N., M. Ben Rachid, C. Hankins, et al., 1993, STD/HIV Seroprevalence among Women Attending an Antenatal Clinic in Tunis, IX International Conference on AIDS, Berlin, 6/6-11, Poster PO-C09-2792.
- B0179 Bahamas Ministry of Health, Community Health Service, 1993, PAHO/WHO HIV Surveillance, May 18, Pan American Health Organization/World Health Organization.
- B0186 Barbados Ministry of Health, 1993, PAHO/WHO HIV Surveillance, Jan. 13, Pan American Health Organization/World Health Organization.
- B0187 Barbados Ministry of Health, 1992, PAHO/WHO HIV Surveillance, Oct. 23, Pan American Health Organization/World Health Organization.
- B0188 Barbados Ministry of Health, 1992, PAHO/WHO HIV Surveillance, Aug. 17, Pan American Health Organization/World Health Organization.
- B0189 Barbados Ministry of Health, 1992, PAHO/WHO HIV Surveillance, Apr. 6, Pan American Health Organization/World Health Organization.
- B0206 British Virgin Islands Public Health Department, 1992, PAHO/WHO HIV Surveillance, Sept. 15, Pan American Health Organization/World Health Organization.
- B0224 Bassabi, K., W. Babombena, E. Delaporte, et al., 1993, Seroprevalence des Infections a VIH et VHC chez les Hommes Jeunes du Togo, VIII International Conference on AIDS in Africa, Marrakech, Morocco, 12/12-16, Abstract W.O.P.011.
- B0233 Buzingo, T., A. Kamuragiye, B. Herch, et al., 1993, Epidemiologie au VIH/SIDA au Burundi, VIII International Conference on AIDS in Africa, Marrakech, Morocco, 12/12-16, Poster Th.P.C.088.
- B0243 Bogaerts, J., L. Kestens, W. Martinez-Tello, et al., 1994, Effect of HIV on Clinical Presentation, Etiology and Response to Therapy of Genital Ulcers in Rwanda, Tenth International Conference on AIDS, Yokohama, Japan, 8/7-12, Poster P.C.0580.
- B0269 Banganizi, E., M. Alary, A. Guedeme, et al., 1995, HIV Infection in Female Prostitutes from Benin: Association with Symptomatic but Not Asymptomatic Gonococcal or Chlamydial ..., IX International Conference on AIDS and STD in Africa, Kampala, Uganda, 12/1
- B0270 Bazabana, M., J. C. Loukaka, P. M'Pele, 1995, Evolution de la Serosurveillance de l'Infection a VIH chez les Femmes Enceintes au Congo de 1990 a 1993, IX International Conference on AIDS and STD in Africa, Kampala, Uganda, 12/10-14, Poster MoC497.
- B0271 Bamba, B., M. Soumah, P. Lutumba, et al., 1995, Etude de Prevalence du VIH et les Autres MST chez les Filles Libres a Conakry, IX International Conference on AIDS and STD in Africa, Kampala, Uganda, 12/10-14, Poster TuC619.
- B0272 Barreto, A., B. De Hulsters, A. Noya, et al., 1995, Trends in HIV Prevalence among Different Target Groups: Data from the National Sentinel Surveillance System of Mozambique, IX International Conference on AIDS and STD in Africa, Kampala, Uganda, 12/10-14
- B0287 Bhawe, G., S. Desai, V. Parkar, 1996, Trends of HIV-1 and HIV-2 Infection in STD Patients and Pattern of Transmission to Their Spouses in Bombay, India, XI International Conference on AIDS, Vancouver, 7/7-14, Poster, Mo.C.1496.

- M0265 Minister of Public Health, 1993, Serosurveillance Report of HIV Infection, Republic of Zaire, National Control Programme Against AIDS, Central Coordination Bureau, BCC/SIDA, Official Report.
- M0266 Ministry of Public Health & Social Affairs, 1992, WHO Report on AIDS Surveillance, SFI/GPA/WHO/11.8, Official Report.
- M0278 Montserrat Health Department, 1993, PAHO/WHO HIV Surveillance, Feb. 3, Pan American Health Organization/World Health Organization.
- M0279 Montserrat Health Department, 1992, PAHO/WHO HIV Surveillance, Nov. 10, Pan American Health Organization/World Health Organization.
- M0280 Montserrat Health Department, 1992, PAHO/WHO HIV Surveillance, June 2, Pan American Health Organization/World Health Organization.
- M0309 Ministry of Health (Lao People's Democratic Republic), 1993, Second Quarterly Report: April - June 1993, National Committee for the Control of AIDS (NCCA), Vientiane, August, unpublished report.
- M0314 Maayan, S., E. Shinar, M. Aefani, et al., 1993, HIV/AIDS among Palestinians in the West Bank & Gaza, VIII International Conference on AIDS in Africa, Marrakech, Morocco, 12/12-16, Poster T.P.C.097.
- M0326 Muloko, N., S. Ossari, A. Lefandi, et al., 1993, Evolutivite du HIV-1 et HIV-2 dans une Zone de Forte Prevalence HTLV, VIII International Conference on AIDS in Africa, Marrakech, Morocco, 12/12-16, Poster T.P.A.022.
- M0331 Maiga, Y. I., Z. Sissoko, et al., 1993, Etude de la Seroprevalence de l'Infection a VIH dans les 7 Regions Economiques du Mali, VIII International Conference on AIDS in Africa, Marrakech, Morocco, 12/12-16, Session M.O.P.055.
- M0333 M'Pele, P., J. Loukaka, T. Guerma, 1991, La Surveillance de l'Infection a VIH a Brazzaville, Option, vol. 1, pp. 69-73.
- M0334 Ministry of Public Health (Guinee), 1991, Bulletin de Liaison No. 8, Bureau de Coordination du Comite MST-SIDA Rez-de-Chaussee du Laboratoire du Service de la Prevention Face 2 Octobre B. P.: 3820 - Conakry Guinee, unpublished document.
- M0340 Mugrditchian, D., 1994, Mongolia Trip Report, AIDSCAP Family Health International, pp. 1-15.
- M0371 Mayorga, R., L. Ramirez, E. Solorzano, et al., 1994, Genital Ulcerative Disease and Incidence of HIV Infection in Patients Visiting an STD Clinic in Guatemala, Tenth International Conference on AIDS, Yokohama, Japan, 8/7-12, Poster P.C.0573.
- M0375 Mattke, P., M. Grunitzky-Bekele, E. Klee, 1994, Sentinel Surveillance among Pregnant Women in Northern Togo during 1992 and 1993, Tenth International Conference on AIDS, Yokohama, Japan, 8/7-12, Poster P.C.0051.
- M0391 Ministry of Health and Social Welfare Kingdom of Lesotho, 1993, HIV Sentinel Surveillance Report, National STD/AIDS Prevention and Control Program, World Health Organization, report.
- M0394 Ministry of Health, 1993, Etude de Prevalence des Maladies Sexuellement Transmissibles et des Infections a VIH au Niger, Republique du Niger, Ministere de la Sante Publique, Niamey, Octobre, rapport final.
- M0420 Mboup, S., et al., 1994, Surveillance Sentinelle de Infections a HIV, Bulletin Epidemiologique HIV, December, no. 5, pp. 1-24.
- M0433 Mason, P., S. Ray, C. Mapushere, et al., 1995, Use of Female and Male Condoms by Commercial Sex Workers: Impact on STD Transmission, IX International Conference on AIDS and STD in Africa, Kampala, Uganda, 12/10-14, Poster TuC614.
- M0436 Ministry of Health, 1995, HIV/STD Sentinel Surveillance: 1994, Disease Control Unit, Ministry of Health, Accra, Ghana, March, unpublished report.
- M0442 Ministry of Health, 1996, HIV Sentinel Surveillance: 1995, Disease Control Unit, Ministry of Health, Accra, Ghana, April, unpublished report.
- M0447 Ministry of Health, 1996, STD/HIV/AIDS the Brazilian Response, Ministry of Health, Secretariat for Health Care, National Program on Sexually Transmitted Diseases and AIDS, June report.
- M0450 Ministere de la Sante Publique, 1995, Etude de Prevalence des Maladies Sexuellement Transmissibles et des Infections a VIH au Burkina Faso, Burkina Faso, Ministere de la Sante Publique, Quagadougou, July, final report, unpublished.
- M0452 Ministere de la Sante de la Solidarite et des Personnes Agees, 1995, Etude de Prevalence des Maladies Sexuellement Transmissibles et des Infections a VIH au Mali, Republique du Mali, Ministere de la Sante de la Solidarite et des Personnes Agees, Bamako, A
- M0470 Manhart, L. E., A. Zidouh, K. Holmes, et al., 1996, Sexually Transmitted Disease (STD) in Three Types of Health Clinics in Morocco: Prevalence, Risk Factors, and Syndromic ..., XI International Conference on AIDS, Vancouver, 7/7-14, Poster Mo.C.1627.
- M0471 Messele, T., T. F. Rinke de Wit, A. Dejene, et al., 1996, Estimation of Age and Gender-Specific HIV-1 Seroprevalence in the Urban Community Setting of Addis Ababa, Ethiopia, XI International Conference on AIDS, Vancouver, 7/7-14, Poster Mo.C.1476.
- M0473 Msamanga, G. I., E. Urassa, D. Spiegelman, et al., 1996, Socioeconomic Status and Prevalence of HIV Infection among Pregnant Women in Dar es Salaam, Tanzania, XI International Conference on AIDS, Vancouver, 7/7-14, Poster Tu.C.2464.
- M0480 Mian, M. A. H., M. A. Kabir, K. Begum, 1996, Comparative Analysis of Point Prevalence of the Different Types of STD in ICSW and FCSW, XI International Conference on AIDS, Vancouver, 7/7-14, Abstract Pub.B.1048
- M0484 Martin, R. Z., F. Machado, F. Rolo, et al., 1996, Present Status of the Perinatal Transmission of HIV in Cuba. Importance of the Diagnosis in Pregnant Women, XI International Conference on AIDS, Vancouver, 7/7-14, Abstract Tu.C.2602.

- G0146 Gallin, M. Y., A. Z. Adams, E. A. C. Gbaguidi, et al., 1993, The Prevalence of Antibodies to HIV-1 and HIV 2 in Onchocerciasis-Endemic Rural Areas in Southern Benin, *AIDS*, vol. 7, no. 11, pp. 1534-1536.
- G0147 Garcia-Calleja, J. M., P. Ngoumou, A. Boupda, et al., 1992, HIV Seroprevalence Study among Commercial Sex Workers in Yaounde and Douala, AIDS Control Unit, Ministry of Health, Yaounde, Sept. 92.
- G0151 Garcia, M. L., J. L. Valdespino, S. Balandrano, et al., 1994, Multiresistant M. TB among Persons Living with HIV in Mexico, Tenth International Conference on AIDS, Yokohama, Japan, 8/7-12, Session 262C.
- G0161 Goh, C. L., 1995, Prevalence of Sexually Transmitted Disease among Commercial Sex Workers in Singapore (1977-1993) the Effects of Screening ..., IUVDT World STD/AIDS Congress, Singapore, 3/19-23, Roundtable Discussion 2.
- G0174 Ghys, P. D., M. O. Diallo, V. Ettiegné-Traore, et al., 1995, Genital Ulcers Associated with Human Immunodeficiency Virus-Related Immunosuppression in Female Sex Workers in Abidjan, ..., *Journal of Infectious Diseases*, vol. 172, no. 5, pp. 1371-1374.
- G0183 Gichangi, P. B., J. Ndinya-Achola, L. Haller, et al., 1996, HIV-1 Infection and Cefetamet-Pivoxil Use among Antenatal Clinic Attenders in Nairobi, Kenya, XI International Conference on AIDS, Vancouver, 7/7-14, Poster Tu.C.2688.
- G0184 Garcia, R., W. Klaskala, C. Angulo, et al., 1996, HIV and AIDS Surveillance in Colombia, XI International Conference on AIDS, Vancouver, 7/7-14, Poster Mo.C.1559.
- H0092 Hwa-Chen, L., 1993, Prevalence of HIV-1 and HIV-2 in STD Patients in Taipei, IX International Conference on AIDS, Berlin, 6/6-11, Abstract PO-C20-3087.
- H0106 Habi, G., A. Hassane, M. B. Amsagana, 1993, MST/SIDA: Enquete chez les Femmes Enceintes en Milieu Rural (Departement de Tahoua) Niger, VIII International Conference on AIDS in Africa, Marrakech, Morocco, 12/12-16, Poster Th.P.C.074.
- H0116 Hasan, M. A., 1994, Sexual Behaviour of Inhabitants of Cemeteries in Cairo, Tenth International Conference on AIDS, Yokohama, Japan, 8/7-12, Abstract 1180.
- H0117 Hawkes, S., H. Whittle, R. Jagne, et al., 1994, The Increase in HIV-1 Prevalence in Commercial Sex Workers (CSWs) in the Gambia, and Association with Other STDs Including ..., Tenth International Conference on AIDS, Yokohama, Japan, 8/7-12, Session 393C.
- I0028 Igua, A., A. Manlapig, E. Puiahi, et al., 1993, Papua New Guinea National HIV Reference Laboratory - Annual Report, 1992, Central Public Health Laboratory, February.
- J0028 Jeannel, D., B. Garin, 1992, HTLV-1 and HIV in the Republic of Guinea and in Inongo, Zaire, VII International Conference on AIDS in Africa, Yaounde, Cameroon, 12/8-11, Poster W.RT.Jeannel.
- J0044 Jalal, F., H. M. Abednego, T. Sadjimin, et al., 1994, HIV and AIDS in Indonesia, *AIDS*, vol. 8, suppl. 2, pp. S91-S94.
- J0056 Joao, E. C., J. Menezes, O. Resende, et al., 1996, HIV Testing for Pregnant Women in a Public Maternity Hospital Located in Inner City Rio de Janeiro, Brazil, XI International Conference on AIDS, Vancouver, 7/7-14, Abstract Tu.C.2571.
- K0096 Kanyama, I. D. A., 1991, Sentinel Surveillance of HIV Infection in Northern Zambia, VII International Conference on AIDS, Florence, Italy, 6/16-21, Abstract M.C.3301.
- K0200 Kiviati, N., D. Ba, A. Coll Seck, et al., 1995, Prevalence of STDs Including HIV among Women Presenting a Family Planning Clinic in Dakar, IX International Conference on AIDS and STD in Africa, Kampala, Uganda, 12/10-14, Abstract TuC611.
- K0205 Kimball, A. M., R. Gonzalez, R. Calderon, et al., 1991, The AIDS Pandemic in the Americas: Using Surveillance Information to Reinforce National Control Programs, VII International Conference on AIDS, Florence, Italy, 6/16-21, Abstract M.D.4294.
- K0209 Kosia, A., D. Williams, M. Fofanah, 1995, Condom Use and Promotion among the Low Income Prostitutes, IX International Conference on AIDS and STD in Africa, Kampala, Uganda, 12/10-14, Abstract WeD881.
- K0220 Kywe, B., M. Thwe, H. Naing, et al., 1996, HIV Sentinel Surveillance 1992-1995 and Development of an Estimate of Total HIV Infections in Myanmar, XI International Conference on AIDS, Vancouver, 7/7-14, Abstract Mo.C.200.
- K0233 Kaluwa, O. L., H. G. Feluzi, A. C. Songwe, et al., 1995, 1995 Sentinel Surveillance Report, National AIDS Control Programme, Lilongwe, Malawi, unpublished reports.
- L0156 Lee, S. S., W. L. Lim, S. H. Lee, et al., 1994, Epidemiology of HIV Infection in Hong Kong, Tenth International Conference on AIDS, Yokohama, Japan, 8/7-12, Poster P.C.0070.
- L0201 Latif, A. S., 1995, A Report on a Study to Determine the Aetiology and Pattern of STD amongst Men and Women Presenting to Health Centres in ..., University of Zimbabwe Medical School, Dept. of Medicine, September STD report, unpublished.
- L0202 Laboratoire National de Reference, 1995, Enquetes de Serosurveillance de la Syphilis et de l'Infection a VIH, Ministere de la Sante, Republique de Madagascar, May-August report, unpublished.
- L0223 Laboratorio Nacional de Referencia, 1992, PAHO/WHO HIV Surveillance, January - September, PAHO/WHO.
- M0186 Modan, B., R. Goldschmidt, E. Rubinstein, et al., 1992, Prevalence of HIV Antibodies in Transsexual and Female Prostitutes, *American Journal of Public Health*, vol. 82, no. 4, pp. 590-592.
- M0205 Mejia, C., M. Samcam, E. Quinonez, et al., 1992, Human Immunodeficiency Virus (HIV) Infection in Guatemala, VIII International Conference on AIDS, Amsterdam, 7/19-24, Abstract PuC 8137.
- M0243 Mungai, J. N., J. Ombette, J. Kimani, et al., 1992, Laboratory Findings for the Prevalence of HIV, Neisseria Gonorrhoea and Chlamydia Trachomatis Infections among Prostitutes ..., VII International Conference on AIDS in Africa, Yaounde, Cameroon, 12/8-11,

- R0143 Rasamindrakotroka, A., R. Andriamahenina, F. Behets, et al., 1996, High Syphilis and Low but Rising HIV Seroprevalence Rates in Madagascar, XI International Conference on AIDS, Vancouver, 7/7-14, Poster Mo.C.1488.
- S0215 Singh, S., N. Crofts, 1993, HIV Infection among Injecting Drug Users in North-East Malaysia, AIDS Care, vol. 5, no. 3, pp. 273-281.
- S0217 Saint Lucia STD/HIV Prevention Programme, 1992, PAHO/WHO HIV Surveillance, June 30, Pan American Health Organization/World Health Organization.
- S0218 Saint Lucia STD/HIV Prevention Programme, 1992, PAHO/WHO HIV Surveillance, Pan American Health Organization/World Health Organization.
- S0220 Saint Lucia STD/HIV Prevention Programme, 1993, PAHO/WHO HIV Surveillance, Jan. 10, Pan American Health Organization/World Health Organization.
- S0221 Saint Lucia STD/HIV Prevention Programme, 1992, PAHO/WHO HIV Surveillance, Oct. 8, Pan American Health Organization/World Health Organization.
- S0227 St. Kitts & Nevis Ministry of Health & Women's Affairs, 1992, PAHO/WHO HIV Surveillance, Apr. 14, Pan American Health Organization/World Health Organization.
- S0234 St. Vincent & the Grenadines Public Health Department, 1992, PAHO/WHO HIV Surveillance, Apr. 13, Pan American Health Organization/World Health Organization.
- S0235 St. Vincent & the Grenadines Public Health Department, 1992, PAHO/WHO HIV Surveillance, July 21, Pan American Health Organization/World Health Organization.
- S0236 St. Vincent & the Grenadines Public Health Department, 1992, PAHO/WHO HIV Surveillance, Oct. 5, Pan American Health Organization/World Health Organization.
- S0241 St. Kitts & Nevis Ministry of Health & Women's Affairs, 1993, PAHO/WHO HIV Surveillance, Jan. 29, Pan American Health Organization/World Health Organization.
- S0242 St. Kitts & Nevis Ministry of Health & Women's Affairs, 1992, PAHO/WHO HIV Surveillance, Oct. 27, Pan American Health Organization/World Health Organization.
- S0258 Soga, G., A. Hassane, A. Aboubacar, et al., 1993, Etude de Prevalence des Infections Sexuellement Transmises (IST) chez les Prostituees a Niamey, Niger, VIII International Conference on AIDS in Africa, Marrakech, Morocco, 12/12-16, Session T.R.T.024.
- S0294 Sandala, L, P. Lurie, M. R. Sunkutu, et al., 1995, "Dry Sex" and HIV Infection among Women Attending a Sexually Transmitted Diseases Clinic in Lusaka, Zambia, AIDS, vol. 9, suppl. 1, S61-S68.
- S0301 Shin, Y., S. J. Hur, S. S. Kim, et al., 1994, Human Immunodeficiency Virus (HIV) Epidemiological Trends among Risk Groups in Korea, Tenth International Conference on AIDS, Yokohama, Japan, 8/7-12, Session 041C.
- S0315 Sam-Abbenyi, A., 1994, Report on HIV-1 Sentinel Surveillance System in Cameroon 1994, Ministry of Public Health, Republic of Cameroon, AIDS Control Unit, Epidemiology Section, report.
- S0316 Skalsky, J., P. M. Ndumbe, the Manyemen HIV/AIDS Team, 1993, Characteristics of HIV/AIDS Patients Attending a Rural Hospital in Cameroon, Annales de la Societe Belge de Medecine Tropicale, vol. 73, no. 3, pp. 209-216.
- S0367 Sole Pla, M. A., K. R. Sanches, A. H. Matida, et al., 1996, HIV1 Infection Surveillance among STD Patients in Rio de Janeiro, Brazil, XI International Conference on AIDS, Vancouver, 7/7-14, Abstract Pub.C.1158.
- S0389 Suarez, R. G., Ministerio de Salud Publica, 1994, PAHO/WHO HIV Surveillance, August 8, PAHO/WHO.
- S0391 Suvedi, B. K., J. Baker, S. Thapa, 1994, HIV/AIDS in Nepal: An Update, Journal of the Nepal Medical Association, vol. 32, no. 111, pp. 204-213.
- T0125 Tan, M. L., M. M. Dayrit, 1994, HIV/AIDS in the Philippines, AIDS, vol. 8, suppl. 2, pp. S125-S130.
- T0130 Tswana, S. A., L. Nystrom, S. R. Moyo, et al., 1995, Hospital-Based Study of Sexually Transmitted Diseases at Murewa Rural District Hospital, Zimbabwe 1991-1992, Sexually Transmitted Diseases, vol. 22, no. 1, pp. 1-6.
- T0137 Thwe, M., B. Kywe, S. Lwin, et al., 1995, HIV Surveillance in Myanmar, 1985-1995, 3rd International Conference on AIDS in Asia and the Pacific, Chiang Mai, Thailand, 9/17-21, Poster PB104.
- T0139 Tanzania Ministry of Health, 1995, National AIDS Control Programme HIV/AIDS/STD Surveillance, Surveillance report no. 9, December 1994, Epidemiology Unit, NACP.
- T0145 Thailand Ministry of Health, 1995, National Sentinel Surveillance, June, unpublished tables.
- U0027 U.S. Department of State, 1994, AIDS in the Central African Republic, Unclassified Cable, April, Bangui 001505.
- V0058 Vera, E., M. Cabral, R. Jimenez, et al., 1992, The First Study of HIV, HBV and Syphilis in Pregnant Women in Paraguay, VIII International Conference on AIDS, Amsterdam, 7/19-24, Poster PoC 4068.
- W0076 WHO/SEARO, AIDS Unit, 1992, HIV Infection/AIDS and Sexually-Transmitted Diseases, Bulletin of Regional Health Information, SEA/HS/186, pp. 65-70.
- W0082 Wilkins, A., D. Ricard, J. Todd, et al., 1993, The Epidemiology of HIV Infection in a Rural Area of Guinea Bissau, AIDS, vol. 7, no. 8, pp. 1119-1122.
- W0094 Weis, P., C. Masheisha, G. Sahimuller, et al., 1994, Assessing Trends of the HIV Epidemic in Western Uganda, Tenth International Conference on AIDS, Yokohama, Japan, 8/7-12, Poster P.C.0041.
- W0097 Wang, G. R., C. H. Shih, C. Y. Chuang, 1994, Present Status and Prevalence of HIV Infection in Taiwan, January 1994, Tenth International Conference on AIDS, Yokohama, Japan, 8/7-12, Poster P.C.0069.
- W0112 World Health Organization Western Pacific Region, 1995, HIV and AIDS in the Western Pacific Region, AIDS Surveillance Report, no. 6, pp. 1-3.

- M0487 Merchant, R., J. K. Maniar, J. Karkare, 1996, AIDS: Women are Captive Partners, AIDS Weekly, pp. 18-20.
- M0488 Ministry of Health, National AIDS Control Programme, 1996, National HIV Sentinel Survey - 1996, Ministry of Health and Social Services, Namibia, October report.
- M0494 Macdonald, D. S., 1996, Notes on the Socio-Economic and Cultural Factors Influencing the Transmission of HIV in Botswana, Social Science and Medicine, vol. 42, no. 9, pp. 1325-1333.
- M0495 Monteith, D., 1996, The Review of HIV/STD Program of the Health Sector II Project, Honduras AIDSCAP Project, Health Technical Services, Project, September report, cited by Patricio Murgueytio, PASCA, personal memo.
- N0083 NACP/MOH (Ethiopia), 1992, Surveillance and Research Activities on HIV/AIDS: Activities Accomplished So Far in Ethiopia, 1984-1991, Ethiopia NACP/MOH data, unpublished report.
- N0110 Nicaragua, 1991, PAHO/WHO HIV Surveillance, Pan American Health Organization/World Health Organization.
- N0168 Ntawiniga, P., V. Leroy, C. Gazille-Rugema, et al., 1995, High Seroprevalence of HIV Infection and Syphilis among Pregnant Women: Kigali, Rwanda, May 1995, IX International Conference on AIDS and STD in Africa, Kampala, Uganda, 12/10-14, Poster TuB573.
- N0176 National AIDS/HIV/STD Control Programme, 1995, 1993/94 Sentinel Sero-Prevalence Surveillance Report, National AIDS/HIV/STD Control Programme, Federal Ministry of Health and Social Services, unpublished report.
- N0178 Naing, S., R. Mandevu, T. Pilatwe, et al., 1995, Fourth HIV Sentinel Surveillance in Botswana, NACP, NACA, Ministry of Health, Private Bag 00451, Gaborone, Botswana, August, unpublished report.
- N0179 National AIDS Control Program, 1996, HIV/AIDS Status, FAX Ministry of Health and Social Affairs, Argentina
- N0182 Nguyen, T. H., K. C. Pham, T. N. Hoang, et al., 1996, HIV Sentinel Surveillance in Vietnam, XI International Conference on AIDS, Vancouver, 7/7-14, Poster Mo.C.1521.
- N0184 Nzila, N., B. Malele, M. Kivuvu, et al., 1996, HIV and Syphilis Infections in Female Prostitutes between 1988 and 1995 in Kinshasa, Zaire, XI International Conference on AIDS, Vancouver, 7/7-14, Abstract Tu.C.2684.
- 00051 Ocheng, D., A. Msauka, C. Mbuya, et al., 1993, Prevalence of Sexually Transmitted Diseases (STDs) in Females at 7 Truck Stops in Tanzania, VIII International Conference on AIDS in Africa, Marrakech, Morocco, 12/12-16, Poster Th.P.C.070.
- 00053 O'Leary, M., W. I. Van der Meijden, C. Malau, et al., 1992, HIV Serosurveillance in Papua New Guinea, Papua New Guinea Department of Health, Port Moresby, Papua New Guinea, draft paper.
- 00063 Osuga, K., C. Chang, 1994, AIDS in the Pacific Islands, AIDS, vol. 8, suppl. 2, pp. S111-S116.
- 00083 O' Donovan, D., K. Ariyoshi, L. Yamuah, et al., 1996, Perinatal Transmission of HIV-2 in the Gambia, West Africa, XI International Conference on AIDS, Vancouver, 7/7-14, Poster Tu.C.2577.
- P0074 Pyndiah, N., C. Chan Kam, B. Jowheer, et al., 1991, Prevalence of HIV/AIDS in Mauritius, VII International Conference on AIDS, Florence, Italy, 6/16-21, Poster M.C.3285.
- P0122 Prasongsith, B. C., P. Blanche, K. Phouvang, et al., 1994, HIV Infection in Lao Republic, Tenth International Conference on AIDS, Yokohama, Japan, 8/7-12, Poster P.C.0084.
- P0142 Paz, A. A., Comision Nacional del SIDA, 1995, PAHO/WHO HIV Surveillance, May 31, PAHO/WHO.
- P0144 Pakistan HIV Seroprevalence Study Group, 1996, HIV Seroprevalence Survey in Pakistan, AIDS, vol. 10, no. 8, pp. 926-927.
- P0156 PROCETS, SESPAS, 1995, PAHO/WHO HIV Surveillance, April 15, PAHO/WHO.
- P0157 PROCETS, SESPAS, 1996, PAHO/WHO HIV Surveillance, April 15, PAHO/WHO.
- P0162 Penna, M., 1996, Panama HIV/AIDS Summary Report, Sited by Patricio Murgueytio, PASCA, personal memo.
- Q0009 Quinti, I., E. Renganathan, E. El Ghazzawi, et al., 1995, Seroprevalence of HIV and HCV Infections in Alexandria, Egypt, Zentralblatt Fur Bakteriologie, vol. 283, no. 2, pp. 239-244.
- R0051 Rodier, G., E. Fox, D. Watts, et al., 1991, A Dramatic Increase in the Prevalence of HIV Infection in Djibouti, VII International Conference on AIDS, Florence, Italy, 6/16-21, Poster M.C.3031.
- R0090 Riedner, G., Y. Hemed, F. Minja, et al., 1993, The Use of Serologic Trends of HIV and Syphilis for the Evaluation of the Mbeya Regional ACP Tanzania 1986-1992, IX International Conference on AIDS, Berlin, 6/6-11, Poster PO-C29-3263.
- R0099 Redouane, A., S. Sekkat, S. Hamdani, et al., 1993, Etude de la Transmission Materno-Foetale de l'Infection par VIH, VIII International Conference on AIDS in Africa, Marrakech, Morocco, 12/12-16, Poster M.P.C.095.
- R0104 Reyes, O., M. Baquerizo, N. Hearst, et al., 1994, HIV Sentinel Serosurveillance in STD Patients. Ecuador, 1991-93., Tenth International Conference on AIDS, Yokohama, Japan, 8/7-12, Poster P.C.0561.
- R0117 Remy, G., 1993, Image Geographique de l'Infection a VIH 1 en Afrique Centrale: Des Discontinuites Remarquables, Annales de la Societe Belge de Medecine Tropicale, vol. 73, no. 2, pp. 127-142.
- R0122 RSA Department of National Health, 1994, The HIV/AIDS Epidemic in Neighbouring Countries, Epidemiological Comments, vol. 21, no. 11, p. 228.
- R0123 RSA Department of National Health, 1994, HIV Sentinel Surveillance, Epidemiological Comments, vol. 21, no. 11, pp. 230-231.
- R0131 RSA Department of Health, 1995, Fifth National HIV Survey in Women Attending Antenatal Clinics of the Public Health Services in South Africa, Oct./Nov. 1994, Epidemiological Comments, vol. 22, no. 5, pp. 90-100.

- W0115 Whiteside, H., T. Barnett, 1996, Social and Economic Factors Crucial in Defining the Spread and Effect of HIV, AIDS Analysis Asia, vol. 2, no. 4, pp. 8-9.
- W0119 Welffens, E. C., P. Msellati, G. Tanoh, et al., 1996, HIV Testing among African Pregnant Women in the Context of a Tolerance Study on AZT in Abidjan, Cote d'Ivoire, XI International Conference on AIDS, Vancouver, 7/7-14, Poster Tu.C.2457.
- W0122 Winsbury, R., 1996, Aiding Refugees in the Aftermath of Civil War, AIDS Analysis Africa, vol. 6, no. 5, p. 3.
- Y0022 Yilmaz, G., S. Turkoglu, N. Isik, et al., 1994, Prevalence of HIV Infection among Blood Donors in Istanbul, Turkey, Tenth International Conference on AIDS, Yokohama, Japan, 8/7-12, Poster P.C.0391.
- Z0022 Zahraoui, M., F. Denis, K. Marhoum, et al., 1991, Etude de la Seroprevalence des Virus HTLV-1, HIV-1, HIV-2 et Herpes 6 Virus (HHV6) au Maroc, VI International Conference on AIDS in Africa, Dakar, Senegal, 12/16-19, Abstract T.A.143.
- Z0041 Zewdie, D., Y. Sisay, D. Kebede, et al., 1992, HIV Infection in Ethiopian Blood Donors: Prevalence, Trends and Future Projections, Ethiopian Journal of Health Development, vol. 6, no. 2, pp. 1-8.
- Z0045 Zekeng, L., L. Gurtler, E. Afane Ze, et al., 1994, Prevalence of HIV-1 Subtype O Infection in Cameroon: Preliminary Results, AIDS, vol. 8, no. 11, pp. 1626-1628.

**RECENT HIV SEROPREVALENCE LEVELS
BY COUNTRY: JANUARY 1997**



**Health Studies Branch
International Programs Center
Population Division
U.S. Bureau of the Census**

**Research Note
No. 23
January 1997**

Preface

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

This research note is the 23rd 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 International Programs Center Staff Paper series.

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**RECENT HIV SEROPREVALENCE LEVELS
BY COUNTRY: January 1997**

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Recent HIV Seroprevalence Levels by Country: January 1997

Introduction

Since 1987, the International Programs Center, Population Division, 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 Agency for International Development.

The present update to the data base incorporates all available epidemiological information for developing countries presented at the XI International Conference on AIDS, Vancouver, Canada, July 1996. We also are regularly reviewing the scientific literature for relevant information. Currently, the *HIV/AIDS Surveillance Data Base* contains about 30,302 individual data records drawn from 3,782 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 available seroprevalence estimates for high- and low-risk population groups in major cities and rural areas for all developing countries. Tables are provided for HIV-1 and HIV-2, where available. Urban data for Africa and three Asian countries, Thailand, Cambodia, and Vietnam, have been plotted on maps as well, showing the distribution by country. 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.
- Nonrepresentative 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 are not available and where sample sizes are small, footnotes qualify the data. In some cases, results from large samples were not included due to insufficient documentation 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.

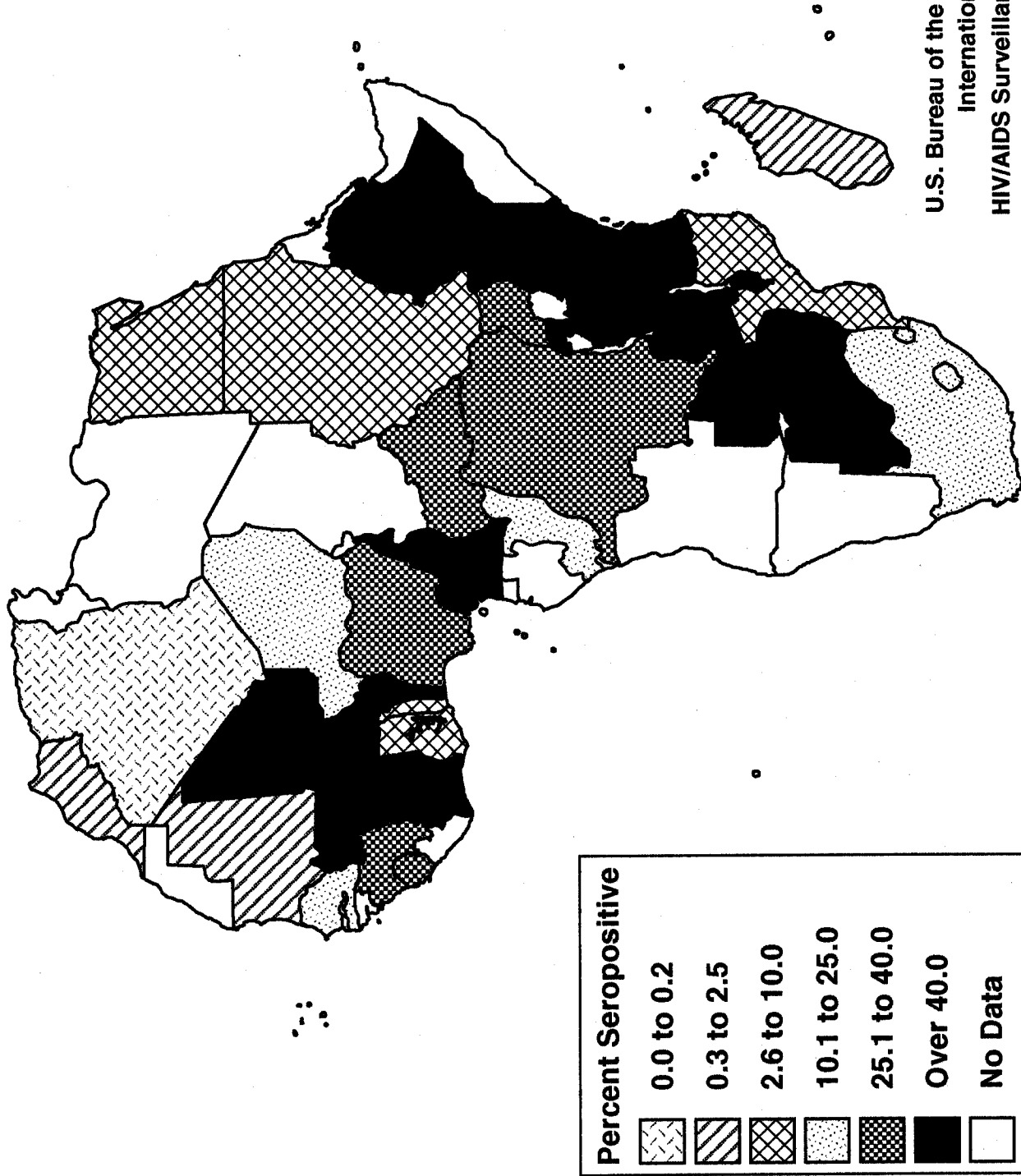
Data were selected using criteria of sample size, recency of data, presence of two diagnostic tests, and minimal evident bias in sample selection, given the target population. Since each figure is based on a single study, it is not an average or composite figure. As yet, there are insufficient comparable 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.

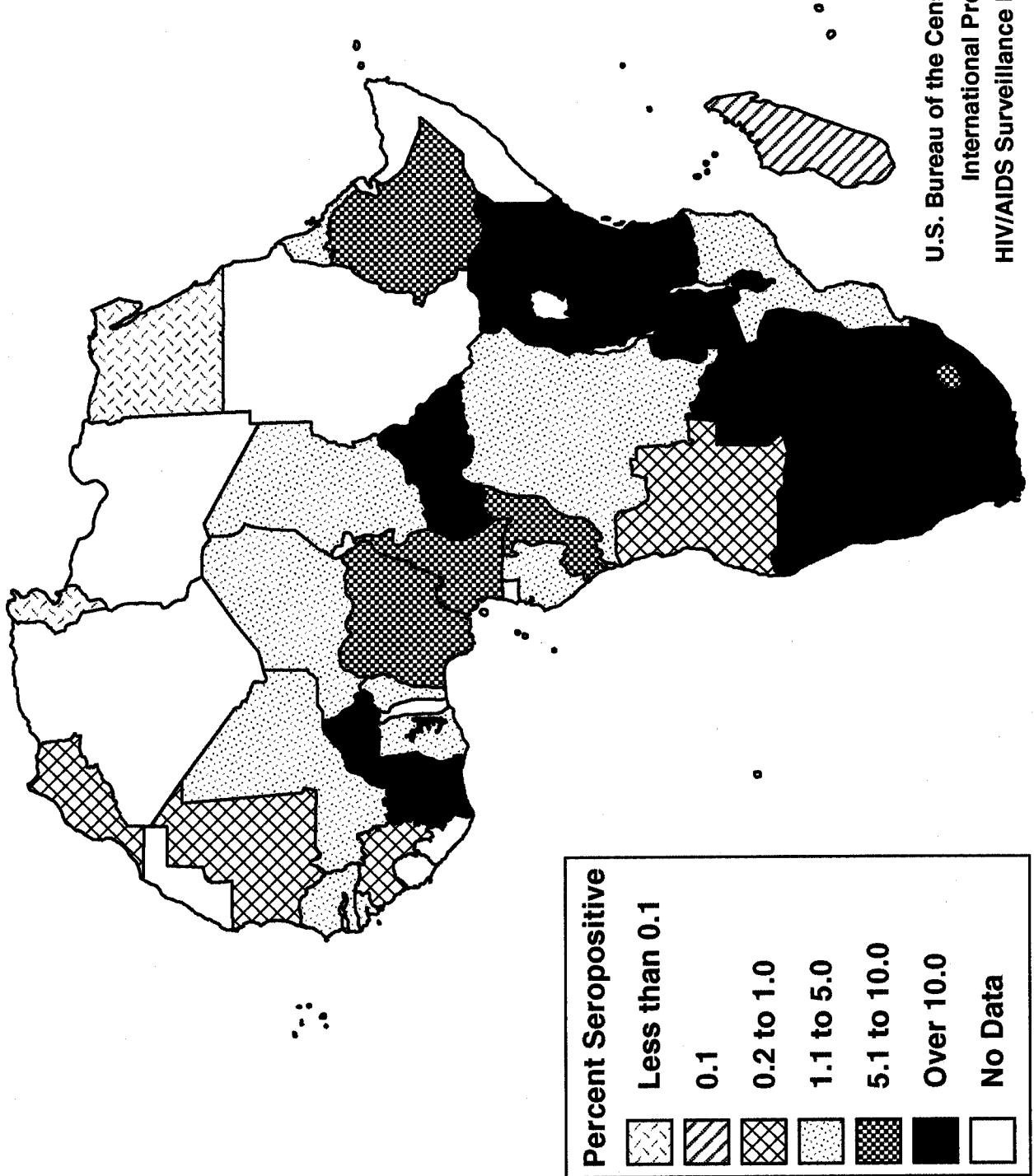
We welcome comments and suggestions from users of the data base. We also welcome copies of articles or references to information which may have been overlooked.

African HIV-1 Seroprevalence for High-Risk Urban Populations



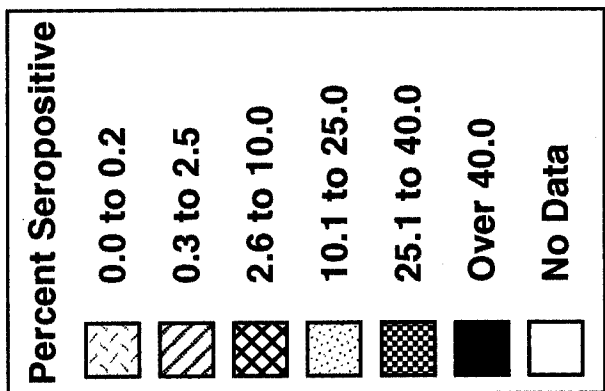
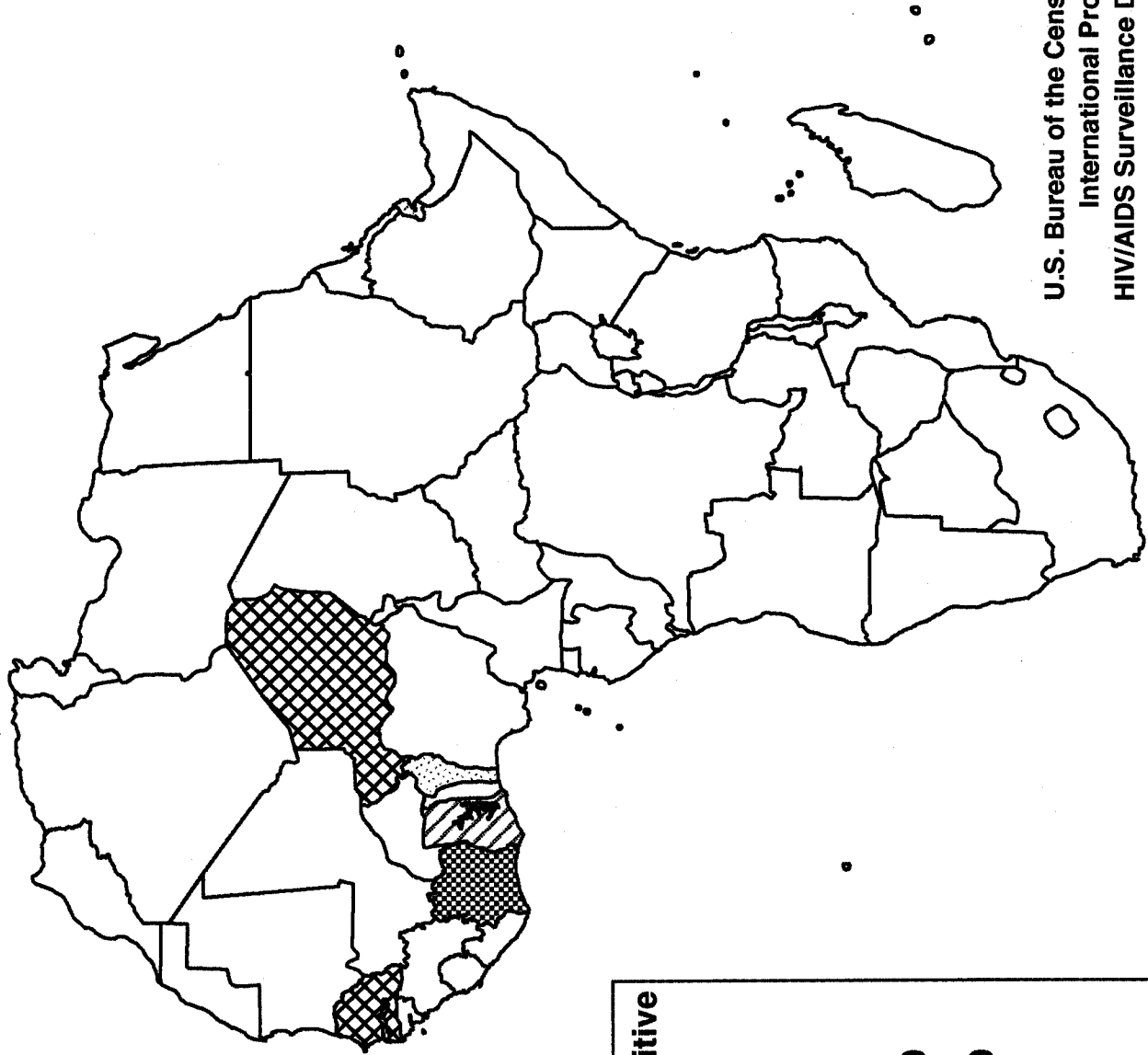
U.S. Bureau of the Census, Population Division,
International Programs Center,
HIV/AIDS Surveillance Data Base, January 1997.

African HIV-1 Seroprevalence for Low-Risk Urban Populations



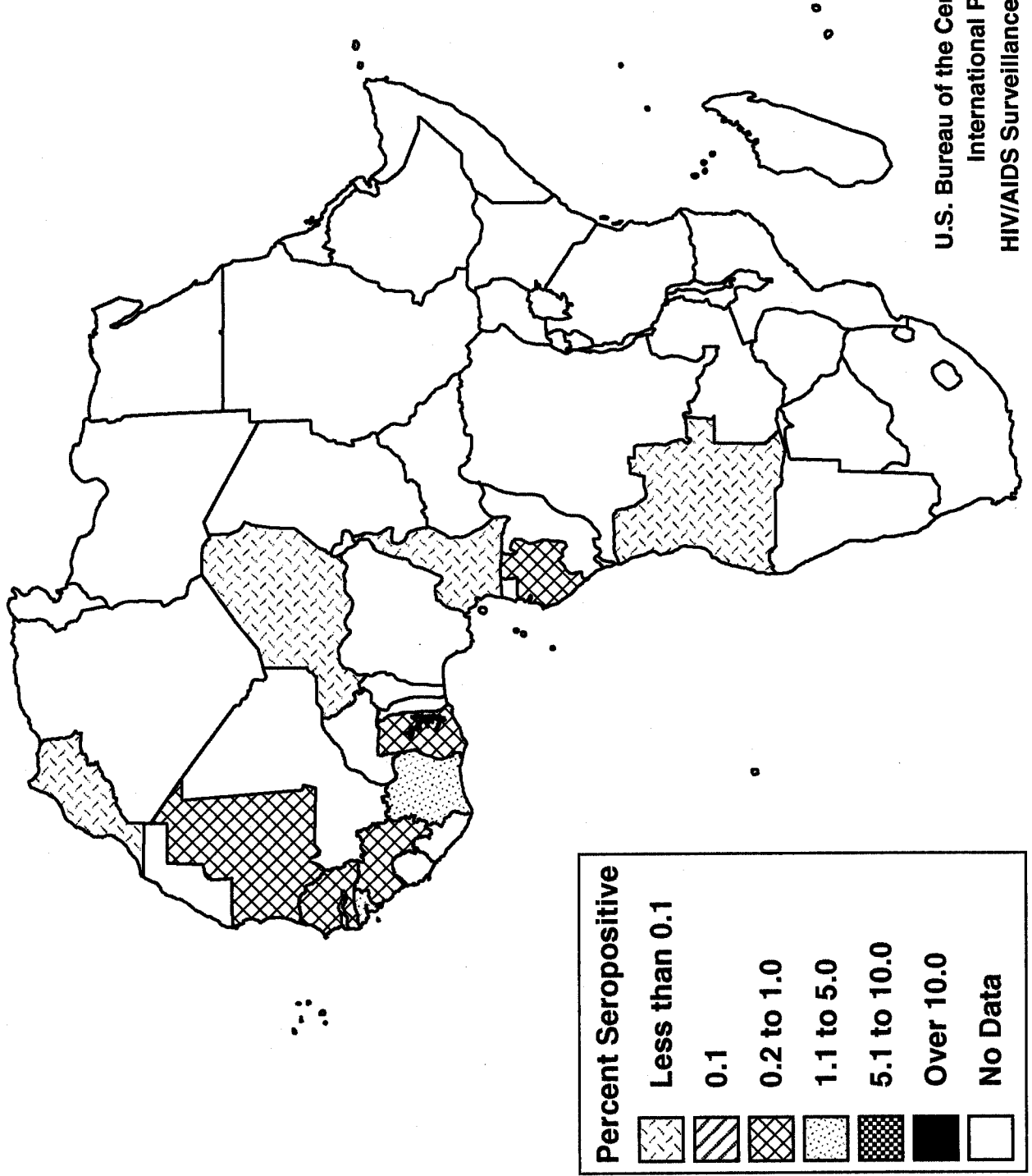
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HIV/AIDS Surveillance Data Base, January 1997.

African HIV-2 Seroprevalence for High-Risk Urban Populations



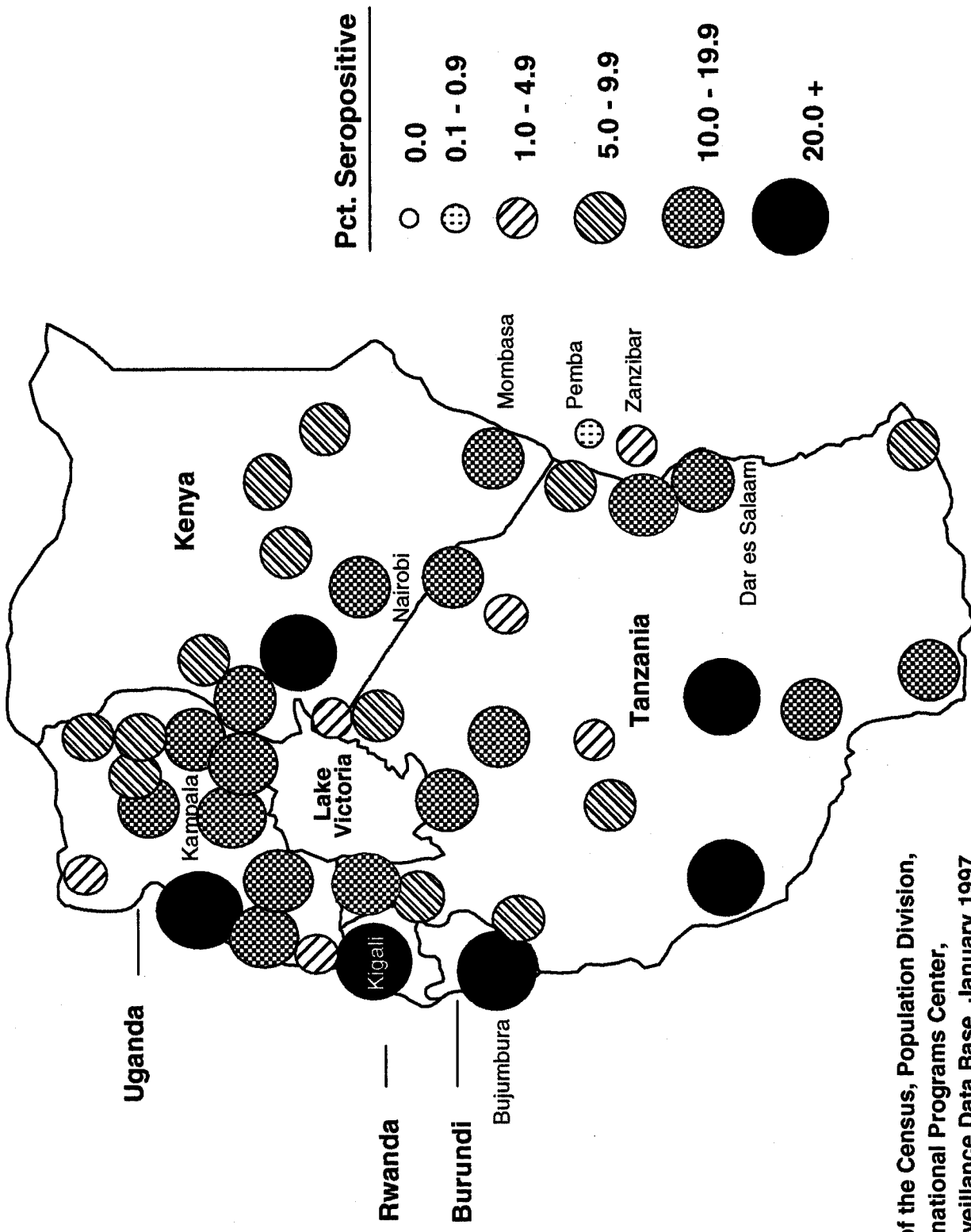
U.S. Bureau of the Census, Population Division,
International Programs Center,
HIV/AIDS Surveillance Data Base, January 1997.

African HIV-2 Seroprevalence for Low-Risk Urban Populations



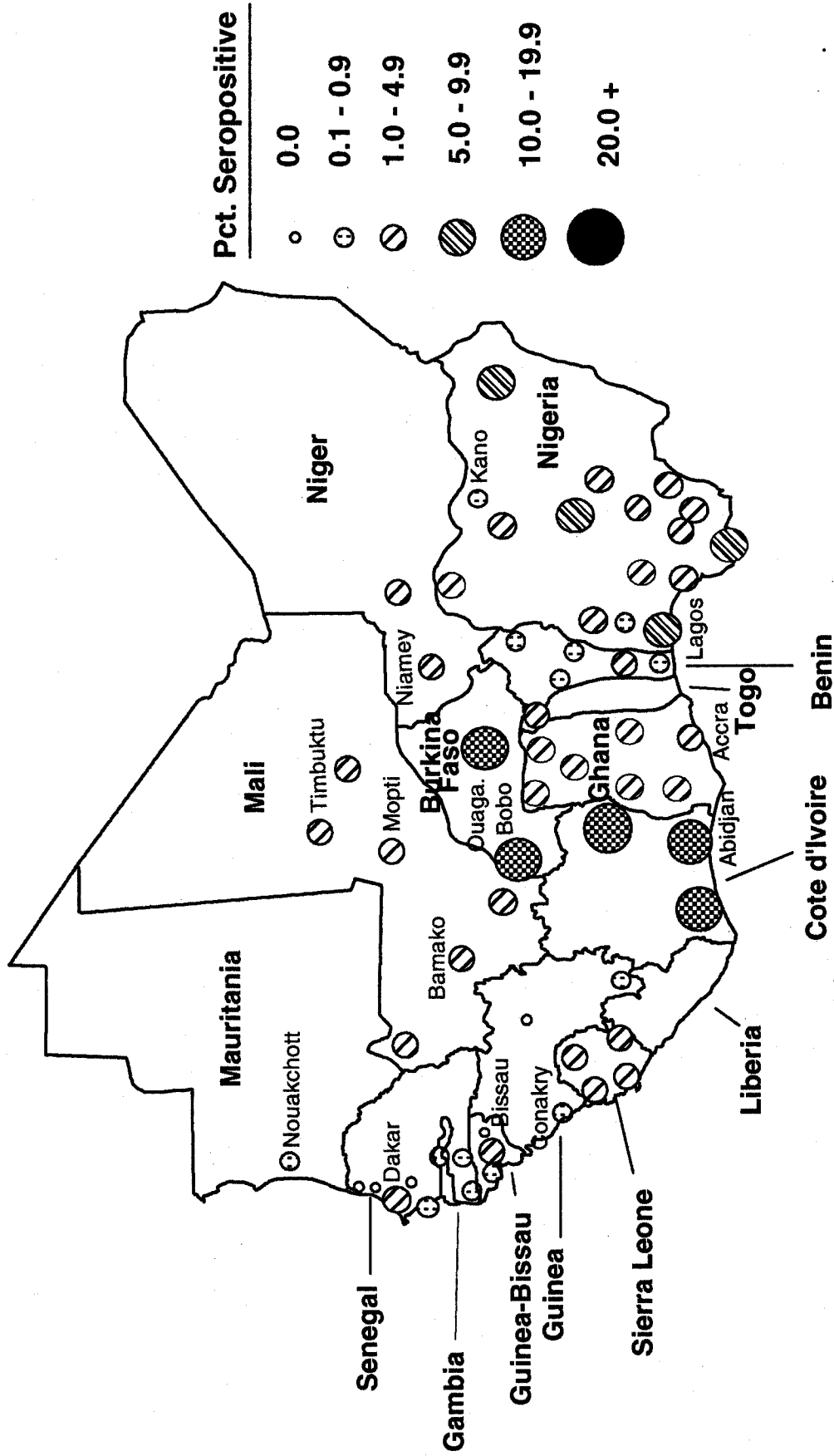
U.S. Bureau of the Census, Population Division,
International Programs Center,
HIV/AIDS Surveillance Data Base, January 1997.

Seroprevalence of HIV-1 for Low-Risk Populations in East Africa



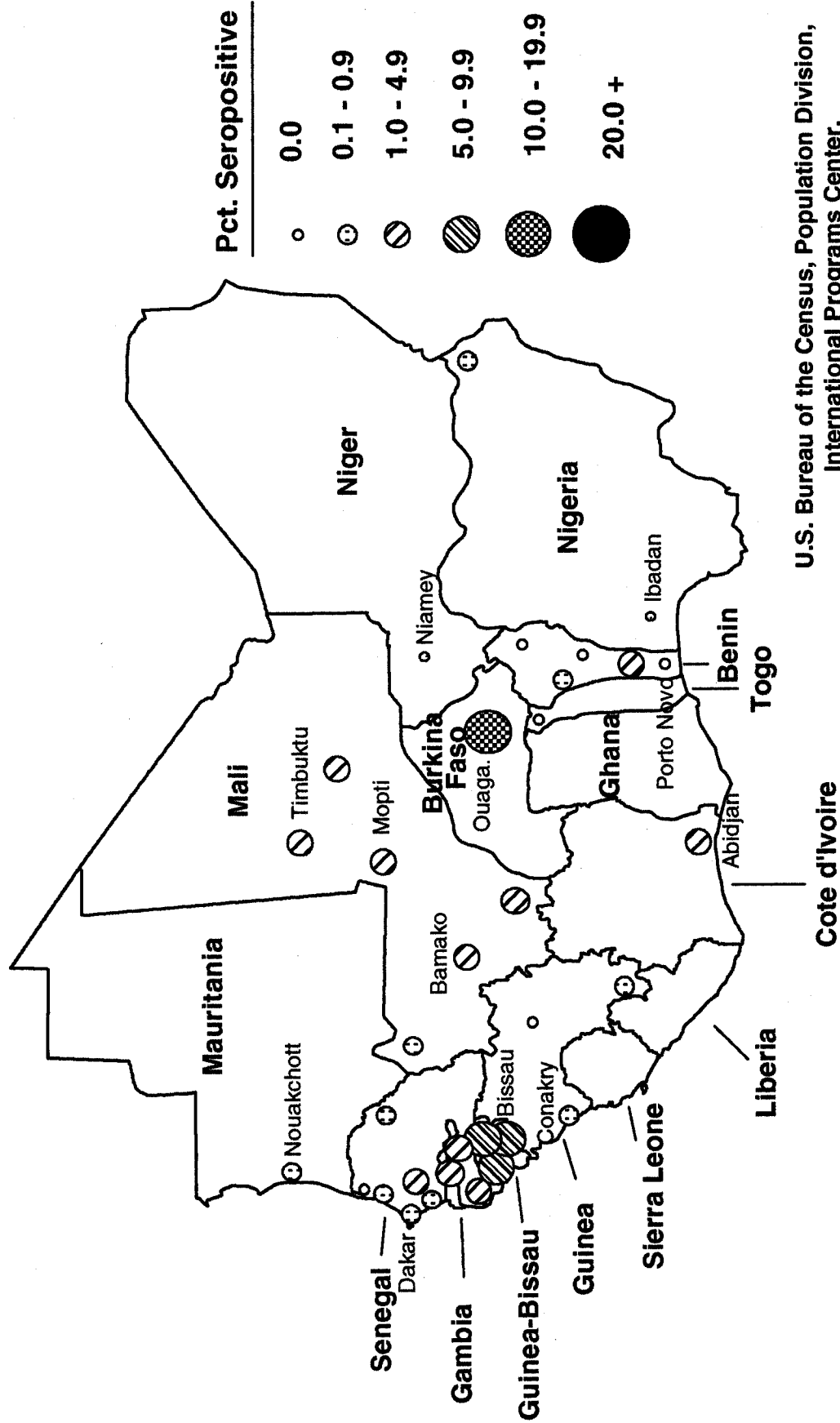
U.S Bureau of the Census, Population Division,
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 HIV/AIDS Surveillance Data Base, January 1997.

Seroprevalence of HIV-1 for Low-Risk Populations in West Africa



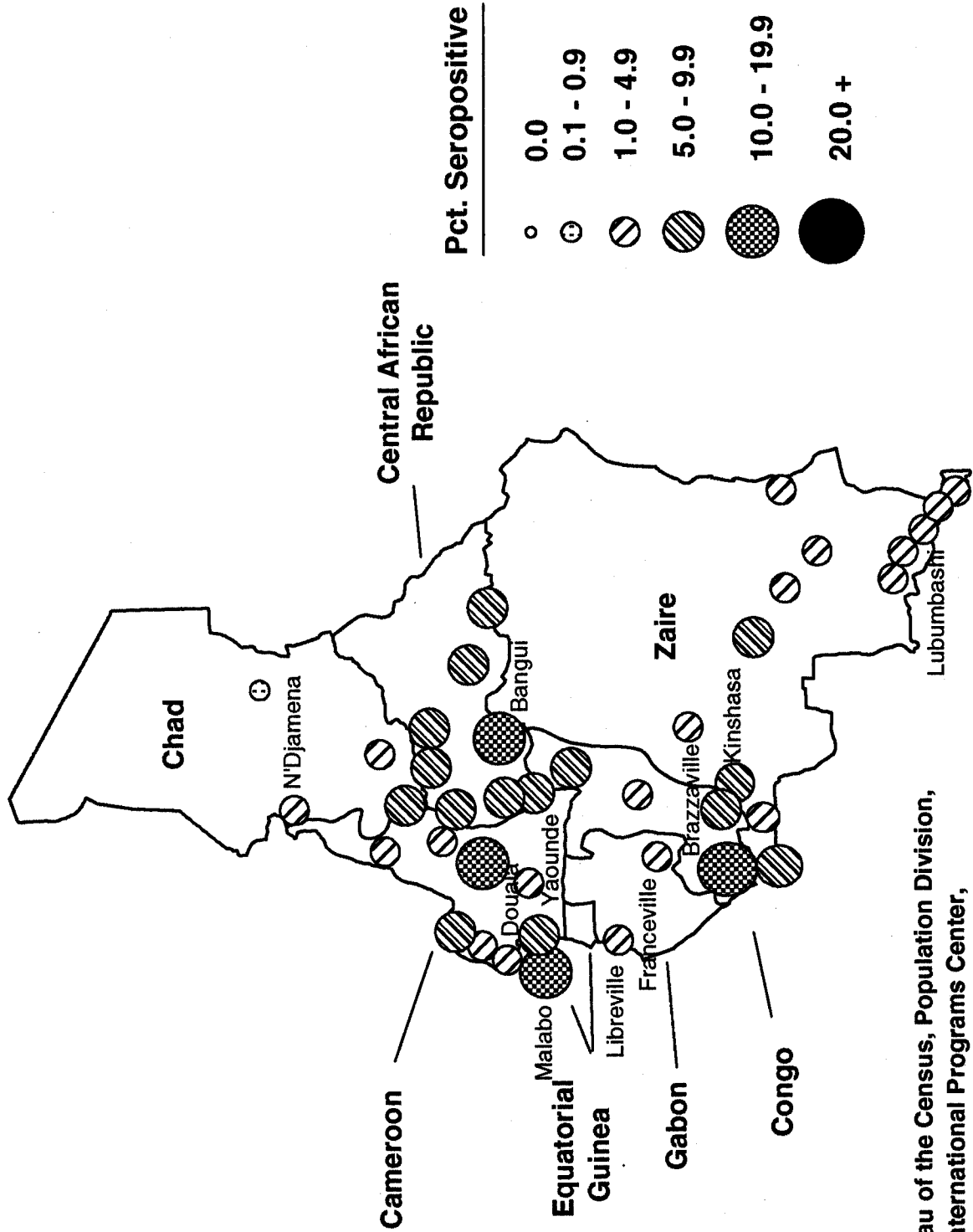
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 HIV/AIDS Surveillance Data Base, January 1997.

Seroprevalence of HIV-2 for Low-Risk Populations in West Africa



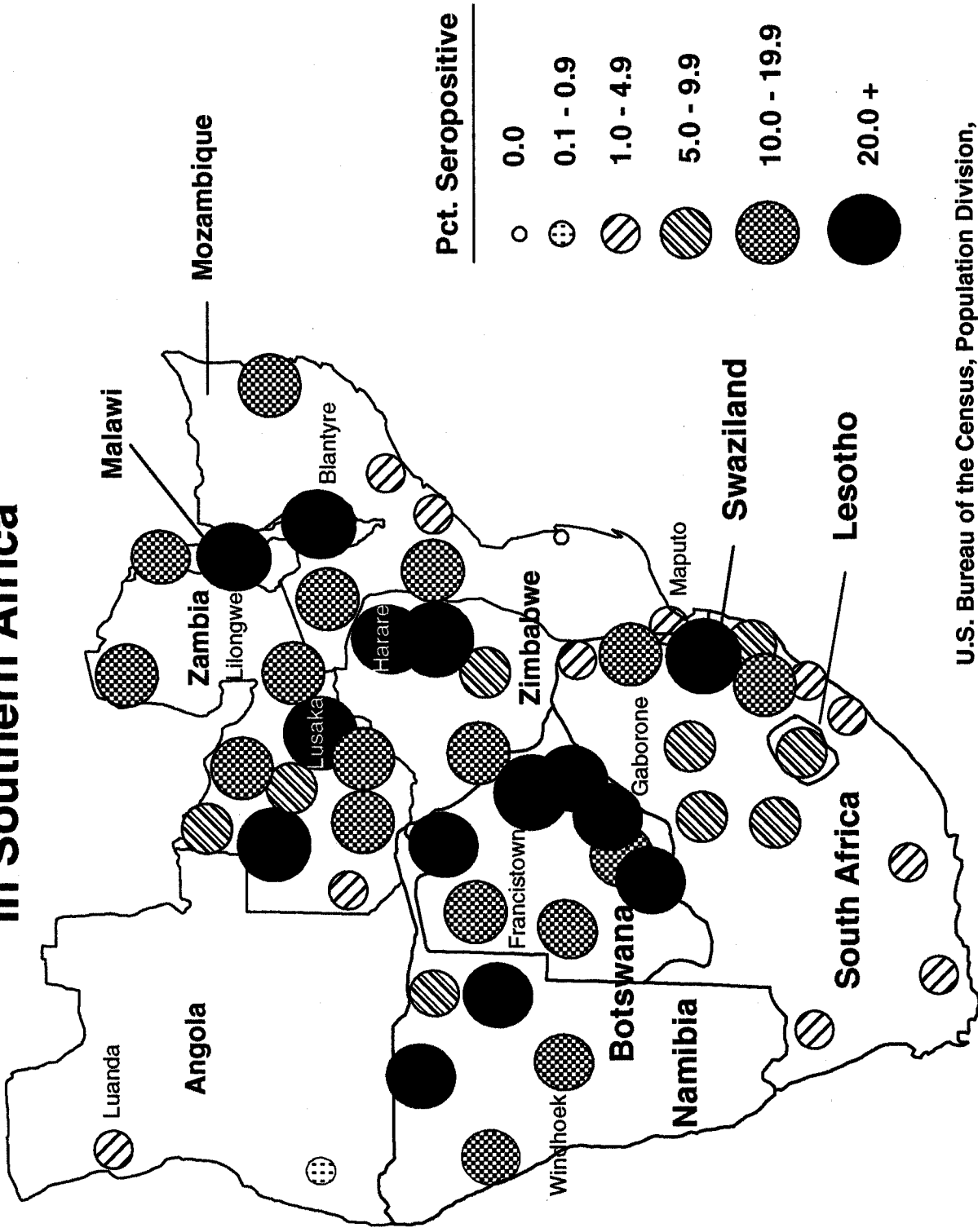
U.S. Bureau of the Census, Population Division,
International Programs Center,
HIV/AIDS Surveillance Data Base, January 1997.

Seroprevalence of HIV-1 for Low-Risk Populations in Central Africa



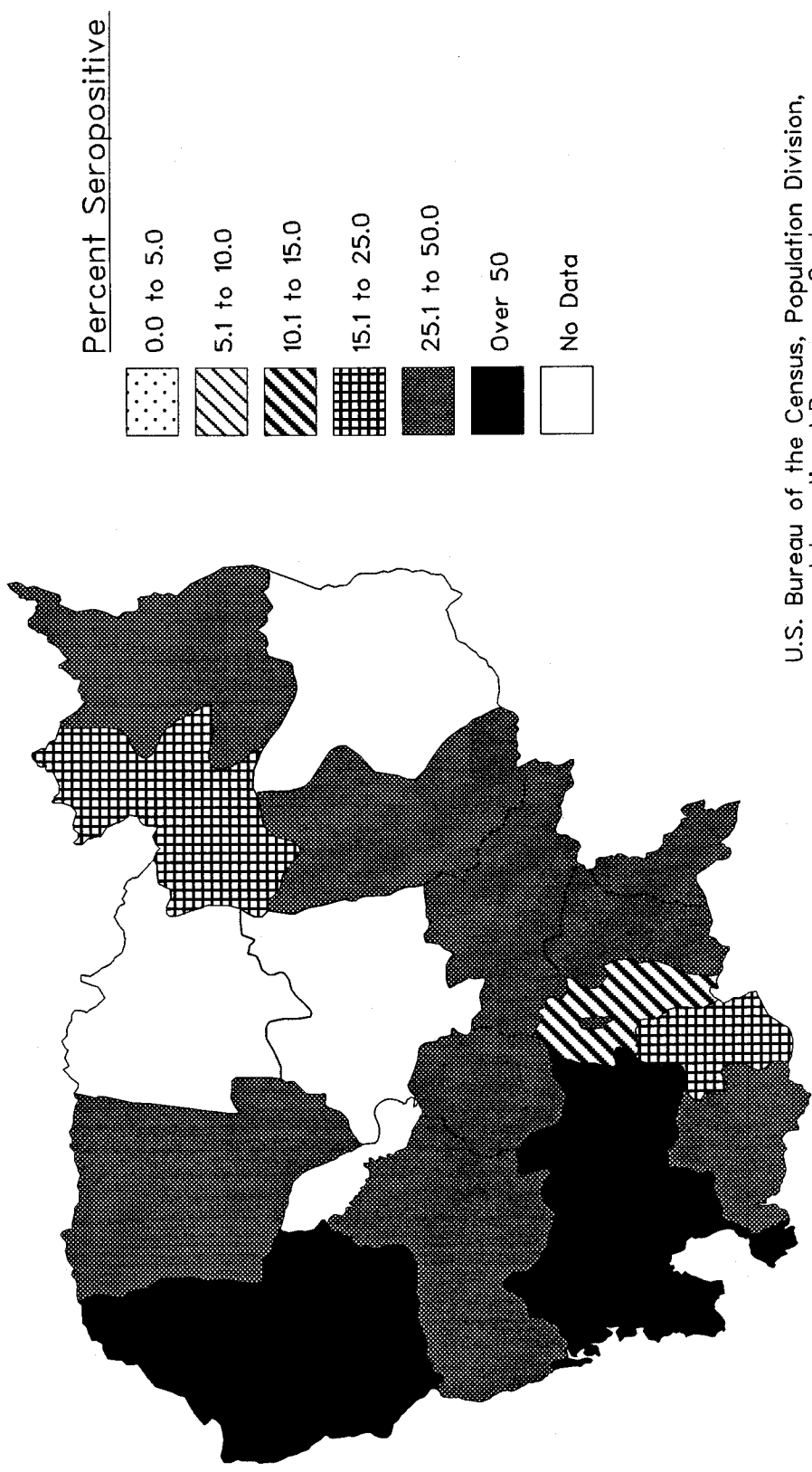
U.S. Bureau of the Census, Population Division,
 International Programs Center,
 HIV/AIDS Surveillance Data Base, January 1997.

Seroprevalence of HIV-1 for Low-Risk Populations in Southern Africa



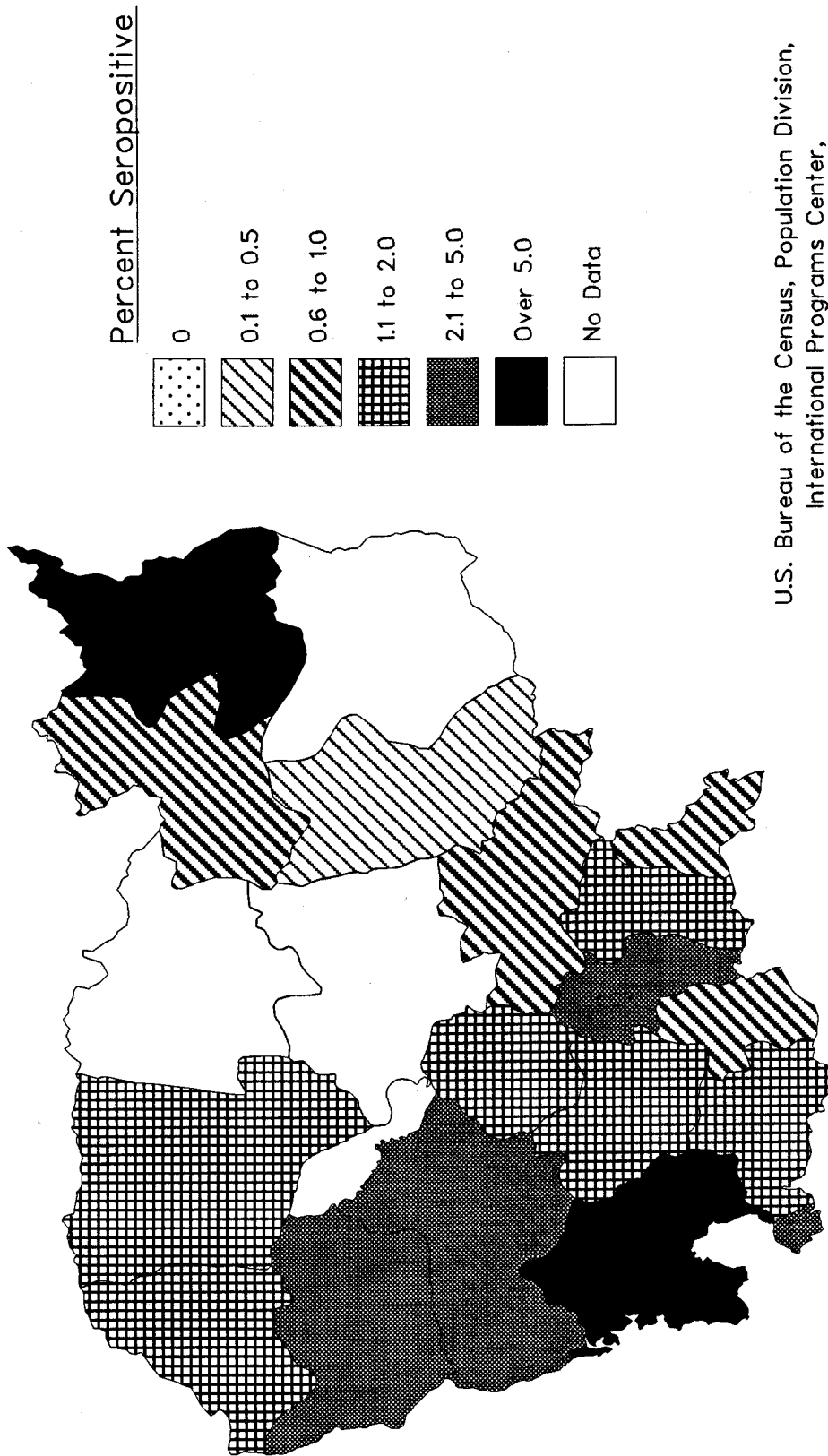
U.S. Bureau of the Census, Population Division,
International Programs Center,
HIV/AIDS Surveillance Data Base, January 1997.

HIV Seroprevalence among Prostitutes in Cambodia: 1996



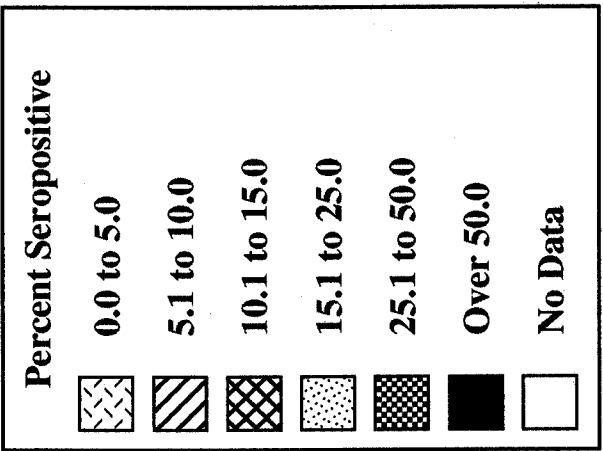
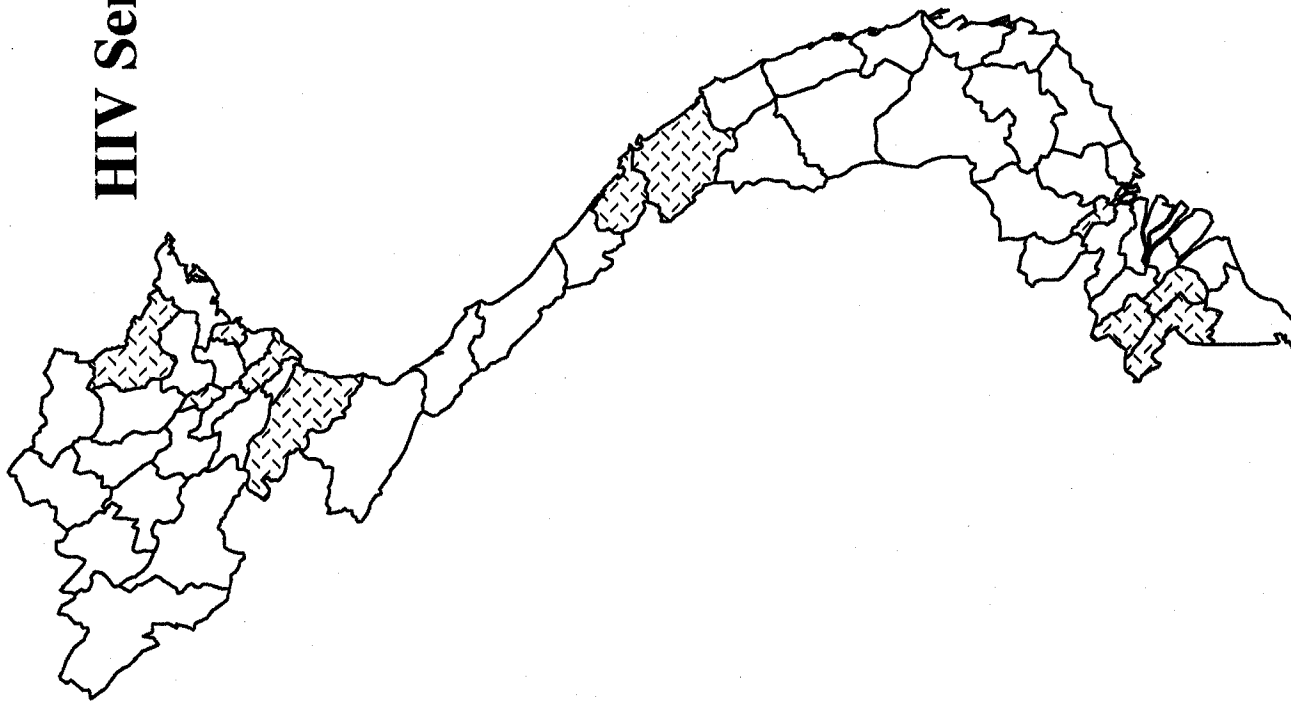
U.S. Bureau of the Census, Population Division,
International Programs Center,
HIV/AIDS Surveillance Data Base, January 1997.

HIV Seroprevalence among Pregnant Women in Cambodia: 1996



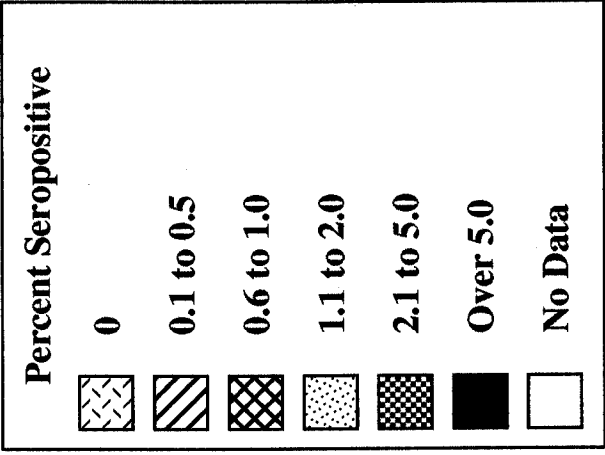
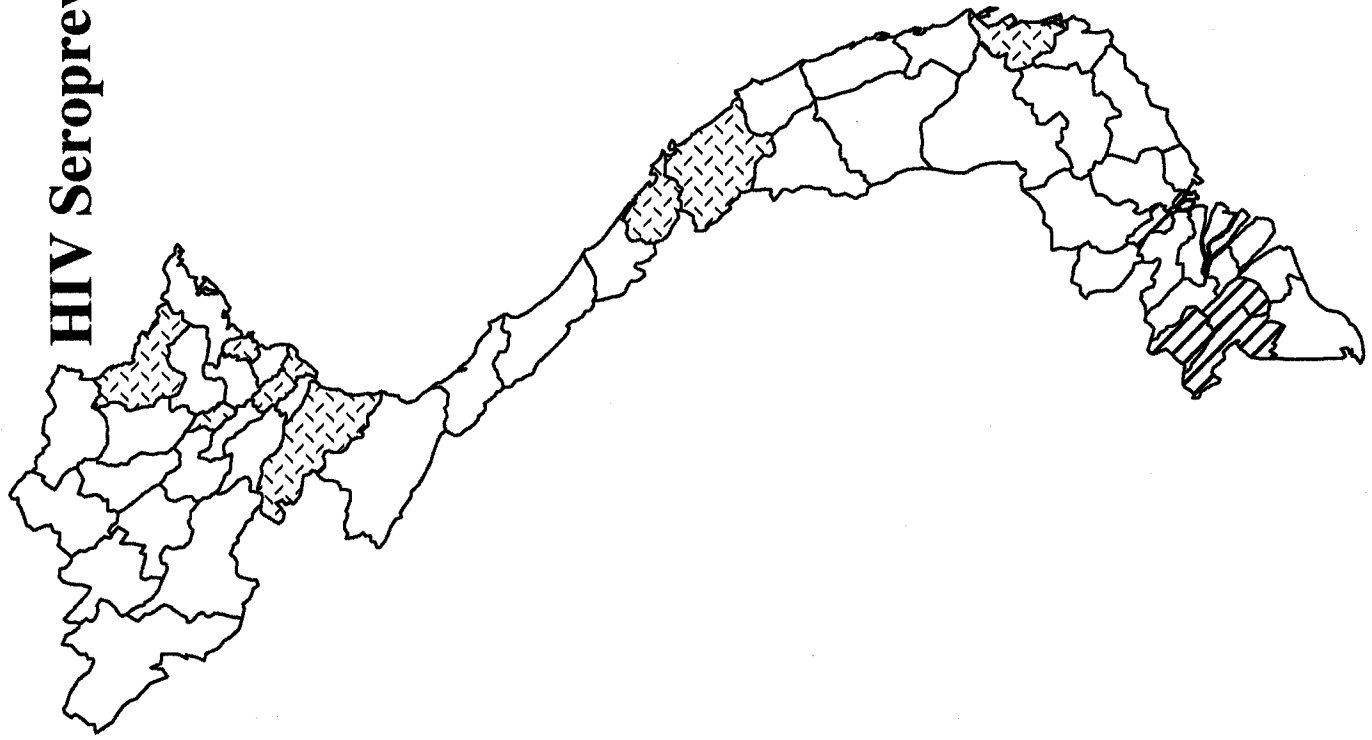
U.S. Bureau of the Census, Population Division,
International Programs Center,
HIV/AIDS Surveillance Data Base, January 1997.

HIV Seroprevalence among Prostitutes Vietnam: 1995



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International Programs Center,
HIV/AIDS Surveillance Data Base, January 1997.

HIV Seroprevalence among Pregnant Women Vietnam: 1995



U.S. Bureau of the Census, Population Division,
International Programs Center,
HIV/AIDS Surveillance Data Base, January 1997.

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U.S. Bureau of the Census -- HIV/AIDS Surveillance Data Base

Table 1: Estimates of HIV-1 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1995

| Region and Country | Capital/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 | - | .0 b | - | - | | A0132 | | |
| * Angola | 1.0 | - | .5 | - | A0157 | | A0157 | |
| * Benin | 1.4 | 50.8 a | 4.9 a | - | D0145 | B0269 | G0146 | |
| Botswana | 32.4 | 41.6 | 16.0 | - | N0178 | N0178 | M0494 | |
| Burkina Faso | 12.0 | 60.4 | - | - | C0213 | M0450 | | |
| Burundi | 20.0 | - | 1.8 | - | B0233 | | B0233 | |
| * Cameroon | 5.7 c | 45.3 | 2.9 | 9.0 | S0315 | G0147 | S0316 | Z0045 |
| Cape Verde | - | - | - | - | | | | |
| * Central African Rep. | 16.0 | 31.0 | 6.5 | - | U0027 | U0027 | U0027 | |
| Chad | 4.1 | - | - | - | M0266 | | | |
| Comoros | - | - | - | - | | | | |
| Congo | 7.1 | 17.6 c | 2.6 | - | B0270 | M0333 | B0162 | |
| * Cote d'Ivoire | 12.5 a | 77.0 a | - | - | W0119 | G0174 | | |
| * Djibouti | - | 43.0 | - | - | | C0141 | | |
| Egypt | .0 | 5.3 | .0 | - | Q0009 | H0116 | E0049 | |
| Equatorial Guinea | - | - | - | - | | | | |
| Eritrea | 1.6 | - | - | - | Z0041 | | | |
| Ethiopia | 6.7 | 54.2 | 8.6 | 65.6 | M0471 | N0083 | E0048 | N0083 |
| * Gabon | 1.7 | - | - | - | D0190 | | | |
| * Gambia, The | .6 a | 13.6 a | - | - | O0083 | H0117 | | |
| * Ghana | 3.2 a | 5.2 a | 1.0 a | - | M0442 | M0436 | M0442 | |
| * Guinea | .7 a | 36.6 | .3 | - | M0334 | B0271 | J0028 | |
| * Guinea-Bissau | 2.6 a | - | .5 a | - | A0167 | | W0082 | |
| Kenya | 18.1 | 85.5 | 10.3 | - | G0183 | M0243 | B0288 | |
| Lesotho | 6.1 | 11.1 | 4.2 | 21.3 | M0391 | M0391 | M0391 | M0391 |
| Liberia | - | - | - | - | | | | |
| Libya | - | - | - | - | | | | |
| Madagascar | .1 | .3 | .0 | .4 | R0143 | R0143 | L0202 | L0202 |
| Malawi | 32.8 | 70.4 | 11.8 | - | K0233 | K0233 | K0233 | |
| Mali | 4.4 | 55.5 | 3.4 c | 52.8 c | M0452 | M0452 | M0331 | M0331 |
| * Mauritania | .5 a | .9 | - | - | A0166 | A0166 | | |
| Mauritius | - | .8 | - | - | | P0074 | | |
| Mayotte | - | - | - | - | | | | |
| * Morocco | .2 | 1.4 | - | - | R0099 | M0470 | | |
| * Mozambique | 2.7 | 7.6 b | 1.5 a | - | B0272 | D0194 | C0183 | |
| Namibia | 17.6 | - | 10.3 | - | M0488 | | M0488 | |
| * Niger | 1.3 a | 12.6 a | 1.4 | - | M0394 | S0258 | H0106 | |
| Nigeria | 6.7 c | 29.1 c | - | - | N0176 | N0176 | | |
| Reunion | - | - | - | - | | | | |
| Rwanda | 25.4 | 73.2 | - | - | N0168 | B0243 | | |
| St. Helena | - | - | - | - | | | | |
| Sao Tome & Principe | - | - | - | - | | | | |
| * Senegal | 1.7 a | 10.1 a | .6 a | 9.2 a | K0200 | M0420 | M0420 | M0420 |
| Seychelles | - | - | - | - | | | | |
| Sierra Leone | - | 26.7 | - | - | | K0209 | | |
| Somalia | - | - | - | - | | | | |

Table 1: Estimates of HIV-1 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1995

| Region and Country | Capital/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 |
| South Africa | 18.2 b | 20.1 c | 6.4 | - | W0115 | R0123 | R0131 | |
| Sudan | - | 3.0 b | - | - | | W0122 | | |
| Swaziland | 21.9 b | 11.1 | - | - | R0122 | D0117 | | |
| Tanzania | 13.7 | 49.5 | 15.0 b | 34.3 b | M0473 | O0051 | T0139 | R0090 |
| * Togo | - | 3.1 | 3.0 | 7.3 b | | B0224 | M0375 | M0375 |
| Tunisia | .0 | - | - | - | B0169 | | | |
| Uganda | 18.5 bc | 38.5 b | 6.5 b | - | A0158 | A0158 | W0094 | |
| Western Sahara | - | - | - | - | | | | |
| Zaire | 5.0 c | 30.3 | 2.9 | 25.4 | M0265 | N0184 | M0265 | G0092 |
| Zambia | 27.9 | 58.0 | 12.7 | 36.0 b | F0084 | S0294 | F0084 | K0096 |
| * Zimbabwe | 32.0 | 86.0 | 16.0 b | 46.0 | L0201 | M0433 | F0076 | T0130 |
| ASIA AND OCEANIA | | | | | | | | |
| Bahrain | - | .0 | - | - | | F0038 | | |
| Bangladesh | .0 | 1.2 b | - | - | C0199 | M0480 | | |
| Bhutan | .0 | - | - | - | W0076 | | | |
| Burma | 2.2 b | 18.0 | - | - | K0220 | T0137 | | |
| Cambodia | 3.2 | 41.6 | .9 | 27.3 | C0228 | C0228 | C0228 | C0228 |
| China, Mainland | .0 | 73.2 b | - | - | W0112 | C0221 | | |
| * China, Taiwan @ | .0 | .4 | - | - | W0097 | H0092 | | |
| Cook Islands | .0 | - | - | - | W0112 | | | |
| Fiji | .0 | .1 | - | - | W0112 | O0063 | | |
| French Polynesia | .0 | 3.0 | - | - | W0112 | O0063 | | |
| Gaza Strip | .0 | - | - | - | M0314 | | | |
| Guam | .1 | - | - | - | W0112 | | | |
| Hong Kong | .0 | .1 | - | - | W0112 | L0156 | | |
| * India | 2.5 b | 28.6 a | - | - | M0487 | B0287 | | |
| Indonesia | | .3 | - | - | | J0044 | | |
| Israel | .0 | 1.1 | - | - | M0314 | M0186 | | |
| Kiribati | .1 | - | - | - | O0063 | | | |
| Korea, North | .0 | - | - | - | W0076 | | | |
| Korea, South | .8 | .0 | - | - | W0112 | S0301 | | |
| Laos | .8 | 1.2 | - | - | M0309 | P0122 | | |
| Macau | .0 | - | - | - | W0112 | | | |
| Malaysia | .0 | 29.5 | - | - | W0112 | S0215 | | |
| Maldives | .0 | - | - | - | W0076 | | | |
| Marshall Islands | .0 | - | - | - | W0112 | | | |
| Micronesia, Fedrtd States | .0 | - | - | - | W0112 | | | |
| Mongolia | .0 | .0 | - | - | W0112 | M0340 | | |
| Nepal | .0 b | 1.3 b | - | - | S0391 | S0391 | | |
| New Caledonia | .1 | - | - | - | W0112 | | | |
| Pakistan | .6 | 3.7 | - | - | P0144 | P0144 | | |
| Palau | .0 | .0 | - | - | W0112 | O0063 | | |
| Papua New Guinea | .0 | .3 | .0 | .0 c | W0112 | O0053 | I0028 | I0028 |
| Philippines | .0 | .5 | - | - | W0112 | T0125 | | |
| Singapore | .0 | 3.7 b | - | - | W0112 | G0161 | | |
| Solomon Islands | .0 | .0 | - | - | W0112 | O0063 | | |
| Sri Lanka | .0 | .5 b | - | - | W0076 | B0304 | | |

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Table 1: Estimates of HIV-1 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1995

| Region and Country | Capital/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 |
| Thailand | 2.8 | 21.6 | - | - | T0145 | T0145 | | |
| Tonga | .0 | - | - | - | W0112 | | | |
| Turkey | .0 | - | - | - | Y0022 | | | |
| Tuvalu | .0 b | - | - | - | W0112 | | | |
| Vietnam | .2 | 43.6 | - | - | N0182 | N0182 | | |
| | | 1.2 | | | | N0182 | | |
| West Bank | .0 | - | - | - | M0314 | | | |
| Western Samoa | .0 | - | - | - | W0112 | | | |
| LATIN AMERICA/CARIBBEAN | | | | | | | | |
| Argentina | 2.8 b | 9.1 b | - | - | N0179 | N0179 | | |
| Aruba | - | .0 b | - | - | | D0178 | | |
| Bahamas, The | 3.6 | 18.4 | - | - | B0179 | B0179 | | |
| Barbados | 1.2 c | - | - | - | B0186 | | | |
| | | | | | B0187 | | | |
| | | | | | B0188 | | | |
| | | | | | B0189 | | | |
| Brazil | 2.7 | 13.3 | .3 | 3.5 | J0056 | S0367 | A0165 | M0447 |
| British Virgin Islands | 2.8 b | - | - | - | B0206 | | | |
| Cayman Islands | .0 | - | - | - | G0123 | | | |
| Chile | .1 | 1.3 | - | - | P0142 | P0142 | | |
| Colombia | 1.1 | 3.4 | - | - | G0184 | G0184 | | |
| Costa Rica | .0 | 1.6 | - | - | L0223 | L0223 | | |
| Cuba | .0 | .0 | - | - | M0484 | S0389 | | |
| Dominican Rep. | 2.0 | 6.2 c | - | - | P0157 | P0156 | | |
| | | | | | | P0157 | | |
| Ecuador | .3 | 3.6 | - | - | B0300 | R0104 | | |
| El Salvador | .5 | 6.0 | - | - | D0202 | D0202 | | |
| Grenada | .0 | 2.4 b | - | - | G0140 | G0139 | | |
| Guatemala | .0 | 8.5 | - | - | M0205 | M0371 | | |
| Guyana | 6.9 | 25.0 | - | - | G0137 | F0065 | | |
| Haiti | 15.7 | 70.0 b | 4.0 | - | B0138 | K0205 | A0097 | |
| Honduras | 4.1 b | 20.5 b | - | - | M0495 | M0495 | | |
| Jamaica | .7 | 24.6 | - | - | D0196 | D0193 | | |
| Mexico | .6 b | 5.0 b | - | - | G0151 | G0151 | | |
| Monsterrat | .0 c | - | - | - | M0278 | | | |
| | | | | | M0279 | | | |
| | | | | | M0280 | | | |
| Nicaragua | .0 | 1.6 b | - | - | N0110 | N0110 | | |
| Panama | .8 | - | - | - | P0162 | | | |
| Paraguay | .0 | - | - | - | V0058 | | | |
| St. Kitts & Nevis | 2.0 c | - | - | - | S0227 | | | |
| | | | | | S0241 | | | |
| | | | | | S0242 | | | |
| St. Lucia | .0 c | 1.2 c | - | - | S0218 | S0217 | | |
| | | | | | S0220 | S0218 | | |
| | | | | | S0221 | S0220 | | |
| | | | | | | S0221 | | |

Table 1: Estimates of HIV-1 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1995

| Region and Country | Capital/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 |
| St. Vincent & Grenadines | .2 | 1.4 c | - | - | S0235 | S0234 S0235 S0236 | | |
| Trinidad & Tobago | .3 | 14.7 | - | - | F0065 | C0143 | | |
| Uruguay | .1 c | 10.7 c | - | - | B0297 B0302 | B0297 B0302 | | |
| | | 0.3 c | | | | B0297 B0302 | | |
| Venezuela | .1 | 6.1 b | - | - | E0024 | E0024 | | |

- No Data found

* See table 2 for HIV-2 data

@ Data for Taiwan located under China within the "HIV/AIDS Surveillance Database".

a Rate represents infection with HIV1 only and dual infection (HIV1 and 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 combined.

NOTES:

Definition: High risk--prostitutes and clients, STD patients, or other persons with known risk factors

Low risk--pregnant women, blood donors, or other persons with no known risk factors.

SOURCE: U.S. Bureau of the Census, HIV/AIDS Surveillance Data Base, 1/97 Update

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U.S. Bureau of the Census -- HIV/AIDS Surveillance Data Base

Table 2: Estimates of HIV-2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1995

| Region and Country | Capital/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 | .0 | - | .0 | - | A0157 | | A0157 | |
| * Benin | - | 12.9 a | 3.8 a | - | | B0269 | G0146 | |
| * Cameroon | .0 | - | .0 | .0 | Z0045 | | S0316 | Z0045 |
| * Central African Rep. | - | - | .0 | - | | | R0117 | |
| * Cote d'Ivoire | 2.0 a | 32.7 a | - | - | W0119 | G0174 | | |
| * Djibouti | - | .0 | - | - | | R0051 | | |
| * Gabon | .8 a | - | - | - | M0326 | | | |
| * Gambia, The | 1.2 a | 26.7 a | - | - | O0083 | H0117 | | |
| * Ghana | .4 a | 1.2 a | .2 a | - | M0442 | M0436 | M0442 | |
| * Guinea | .4 a | - | .1 | - | M0334 | | J0028 | |
| * Guinea-Bissau | 5.0 a | - | 8.3 a | - | A0167 | | W0082 | |
| * Mauritania | .2 a | - | - | - | A0166 | | | |
| * Morocco | .0 | - | - | - | Z0022 | | | |
| * Mozambique | - | - | .5 a | - | | | C0183 | |
| * Niger | .0 a | 6.3 a | - | - | M0394 | S0258 | | |
| * Senegal | .4 a | 8.0 a | 1.0 a | 27.6 a | K0200 | M0420 | M0420 | M0420 |
| * Togo | - | - | .0 | - | | | M0375 | |
| * Zimbabwe | - | - | - | .0 | | | | T0130 |
| ASIA/OCEANIA | | | | | | | | |
| * China, Taiwan @ | - | .0 | - | - | | H0092 | | |
| * India | - | 7.0 a | - | - | | B0287 | | |

- No Data found

* See table 1 for HIV-1 data

@ Data for Taiwan located under China within the "HIV/AIDS Surveillance Database".

a Rate represents infection with HIV1 only and dual infection (HIV1 and 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 combined.

NOTES:

Definition: High risk--prostitutes and clients, STD patients, or other persons with known risk factors

Low risk--pregnant women, blood donors, or other persons with no known risk factors.

SOURCE: U.S. Bureau of the Census, HIV/AIDS Surveillance Data Base, 1/97 Update

Table 3: Detailed Listing of Estimates of HIV-1 and 2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1995

| Region/ Country | Risk Area | Geographic Area | Year | Sub-population | Sex | Age | Prev. Rate | Sample Size | Data Type | Test Type | Source ID |
|------------------------|--------------|--------------------|---------|-----------------------|-----|-----|---------------|----------------|--------------|---------------|--------------|
| *AFRICA | | | | | | | | | | | |
| ALGERIA | UH | NOT SPECIFIED | 1991 | PROSTITUTES | F | ALL | .0 b | N/A | HIV1 | UNK | A0132 |
| ANGOLA | UL | LUANDA | 1995 | PREGNANT WOMEN | F | ALL | 1.0 | 695 | HIV1 | ELISA,WB | A0157 |
| | UL2 | LUANDA | 1995 | PREGNANT WOMEN | F | ALL | .0 | 695 | HIV2 | ELISA,WB | A0157 |
| | OL | NAMIBE PROVINCE | 1995 | PREGNANT WOMEN | F | ALL | .5 | 420 | HIV1 | ELISA,WB | A0157 |
| | OL2 | NAMIBE PROVINCE | 1995 | PREGNANT WOMEN | F | ALL | .0 | 420 | HIV2 | ELISA,WB | A0157 |
| BENIN | UL | PORTO NOVO | 1993 | PREGNANT WOMEN | F | ALL | 1.4 | 499 | HIV1,2 | ELISA*2,WB | D0145 |
| | UH | COTONOU/TOWNS | 1993-94 | PROSTITUTES | F | ALL | 50.8 a | 366 | HIV1 | UNK | B0269 |
| | UH2 | COTONOU/TOWNS | 1993-94 | PROSTITUTES | F | ALL | 12.9 a | 366 | HIV2 | UNK | B0269 |
| | OL | ZOU & MONO/RURAL | 1993(?) | GENERAL POPULATION | B | ALL | 4.9 a | 820 | HIV1 | ELISA,WB | G0146 |
| | OL2 | ZOU & MONO/RURAL | 1993(?) | GENERAL POPULATION | B | ALL | 3.8 a | 820 | HIV2 | ELISA,WB | G0146 |
| BOTSWANA | + UL | SIX SITES | 1995 | PREGNANT WOMEN | F | ALL | 32.4 | 2624 | HIV | ELISA*2 | N0178 |
| | + UH | SIX SITES | 1995 | STD PTS. | M | ALL | 41.6 | 891 | HIV | ELISA*2 | N0178 |
| | + OL | SOUTHERN DIST. | 1994 | PREGNANT WOMEN | F | ALL | 16.0 | 508 | HIV | ELISA*2 | M0494 |
| BURKINA FASO | + UL | BOBO DIOULASSO | 1995 | PREGNANT WOMEN | F | ALL | 12.0 | 824 | HIV | ELISA,LIA | C0213 |
| | UH | OUAGA. & BOBO | 1994 | PROSTITUTES/BARWORKER | F | ALL | 60.4 | 424 | HIV1,2 | ELISA,RAPID | M0450 |
| BURUNDI | UL | BUJUMBURA | 1992 | PREGNANT WOMEN | F | ALL | 20.0 | 1287 | HIV | ELISA | B0233 |
| | OL | RURAL AREAS | 1992 | PREGNANT WOMEN | F | ALL | 1.8 | 1231 | HIV | ELISA | B0233 |
| CAMEROON | UL | DOUALA | 1994 | PREGNANT WOMEN | F | ALL | 5.7 c | 599 | HIV1 | UNK | S0315 |
| | UL2 | YAOUNDE | 1994 | PREGNANT WOMEN | F | ALL | .0 | 301 | HIV2 | ELISA*3,RAPID | Z0045 |
| | UH | DOUALA | 1992 | PROSTITUTES | F | ALL | 45.3 | 236 | HIV1,2 | RAPID,WB | G0147 |
| | OL | MANYEMEN(RURAL) | 1991-92 | PREGNANT WOMEN | F | ALL | 2.9 | 382 | HIV1 | ELISA,WB | S0316 |
| | OL2 | MANYEMEN(RURAL) | 1991-92 | PREGNANT WOMEN | F | ALL | .0 | 382 | HIV2 | ELISA,WB | S0316 |
| | OH | BANKA(SEMIRURAL) | 1994 | STD CLINIC PTS. | B | ALL | 9.0 | 100 | HIV1 | ELISA*3,RAPID | Z0045 |
| | OH2 | BANKA(SEMIRURAL) | 1994 | STD CLINIC PTS. | B | ALL | .0 | 100 | HIV2 | ELISA*3,RAPID | Z0045 |
| C. AFRICAN REPUBLIC | UL | BANGUI | 1993 | PREGNANT WOMEN | F | ALL | 16.0 | 218 | HIV | UNK | U0027 |
| | UH | BANGUI | 1993 | STD CLINIC PTS. | B | ALL | 31.0 | 283 | HIV | UNK | U0027 |
| | OL | BATANGAFO | 1993 | PREGNANT WOMEN | F | ALL | 6.5 | 200 | HIV | UNK | U0027 |
| | OL2 | BERBERATI/RURAL | 1992 | ADULTS | B | ALL | .0 | 332 | HIV2 | IFA,WB | R0117 |
| CHAD | UL | SARH | 1992 | PREGNANT WOMEN | F | ALL | 4.1 | 435 | HIV1,2 | RAPID,WB | M0266 |
| CONGO | UL | BRAZZAVILLE | 1994 | PREGNANT WOMEN | F | ALL | 7.1 | 600 | HIV | UNK | B0270 |
| | UH | BRAZZAVILLE | 1990 | STD PTS. | B | ALL | 17.6 c | 400 | HIV | ELISA | M0333 |
| | OL | OWANDO | 1992 | PREGNANT WOMEN | F | ALL | 2.6 | 300 | HIV | UNK | B0162 |
| COTE D'IVOIRE | + UL | ABIDJAN | 1995-96 | PREGNANT WOMEN | F | ALL | 12.5 a | 2559 | HIV1 | UNK | W0119 |
| | + UL2 | ABIDJAN | 1995-96 | PREGNANT WOMEN | F | ALL | 2.0 a | 2559 | HIV2 | UNK | W0119 |
| | UH | ABIDJAN | 1992-94 | PROSTITUTES | F | ALL | 77.0 a | 1209 | HIV1 | ELISA,LIA,WB | G0174 |
| | UH2 | ABIDJAN | 1992-94 | PROSTITUTES | F | ALL | 32.7 a | 1209 | HIV2 | ELISA,LIA,WB | G0174 |
| DJIBOUTI | UH | DJIBOUTI | 1991 | STREET PROSTITUTES | F | ALL | 43.0 | 300 | HIV | ELISA,WB | C0141 |
| | UH2 | DJIBOUTI | 1990 | STREET PROSTITUTES | F | ALL | .0 | 115 | HIV2 | ELISA,WB | R0051 |

Table 3: Detailed Listing of Estimates of HIV-1 and 2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1995

| Region/ Country | Risk Area | Geographic Area | Year | Sub-population | Sex | Age | Prev. Rate | Sample Size | Data Type | Test Type | Source ID |
|--------------------|--------------|--------------------|---------|-----------------------|---------------------|-----|---------------|----------------|--------------|-----------------|--------------|
| EGYPT | + UL | ALEXANDRIA | 1992-94 | BLOOD DONORS | B | ALL | .0 | 283 | HIV1,2 | ELISA*2,WB | Q0009 |
| | UH | CAIRO | 1994(?) | HIGH RISK INDIVIDUALS | B | ALL | 5.3 | 150 | HIV | ELISA | H0116 |
| | + OL | S. SINAI/RURAL | 1994 | ADULT | B | ALL | .0 | 467 | HIV | ELISA | E0049 |
| ERITREA | UL | ASMARA | 1991 | BLOOD DONORS | B | ALL | 1.6 | 516 | HIV1 | ELISA*2,WB | Z0041 |
| ETHIOPIA | + UL | ADDIS ABABA | 1994 | ADULTS | F | ALL | 6.7 | 1804 | HIV1 | ELISA | M0471 |
| | UH | ADDIS ABABA | 1990 | PROSTITUTES | F | ALL | 54.2 | 1225 | HIV | WB | N0083 |
| | OL | JIMMA (RURAL) | 1993-94 | MOTHERS | F | ALL | 8.6 | 747 | HIV | UNK | E0048 |
| | OH | NAZARETH | 1991 | PROSTITUTES | F | ALL | 65.6 | 215 | HIV | ELISA,WB | N0083 |
| GABON | + UL | LIBREVILLE | 1994 | PREGNANT WOMEN | F | ALL | 1.7 | 1684 | HIV1 | ELISA,LIA,WB | D0190 |
| | UL2 | FRANCEVILLE | 1993(?) | ADULTS | B | ALL | .8 a | 674 | HIV2 | ELISA,WB | M0326 |
| THE GAMBIA | + UL | EIGHT SITES | 1993-95 | PREGNANT WOMEN | F | ALL | .6 a | 29670 | HIV1 | UNK | O0083 |
| | + UL2 | EIGHT SITES | 1993-95 | PREGNANT WOMEN | F | ALL | 1.2 a | 29670 | HIV2 | UNK | O0083 |
| | UH | THREE TOWNS | 1993 | PROSTITUTES | F | ALL | 13.6 a | 213 | HIV1 | UNK | H0117 |
| | UH2 | THREE TOWNS | 1993 | PROSTITUTES | F | ALL | 26.7 a | 213 | HIV2 | UNK | H0117 |
| GHANA | + UL | KUMASI | 1995 | PREGNANT WOMEN | F | ALL | 3.2 a | 500 | HIV1 | ELISA,RAPID,LIA | M0442 |
| | + UL2 | KUMASI | 1995 | PREGNANT WOMEN | F | ALL | 0.4 a | 500 | HIV2 | ELISA,RAPID,LIA | M0442 |
| | + UH | KUMASI | 1994 | STD CLINIC PTS. | B | ALL | 5.2 a | 502 | HIV1 | ELISA,RAPID,LIA | M0436 |
| | + UH2 | KUMASI | 1994 | STD CLINIC PTS. | B | ALL | 1.2 a | 502 | HIV2 | ELISA,RAPID,LIA | M0436 |
| | + OL | NALERIGU(SEMRUR) | 1995 | PREGNANT WOMEN | F | ALL | 1.0 a | 500 | HIV1 | ELISA,RAPID,LIA | M0442 |
| | + OL2 | NALERIGU(SEMRUR) | 1995 | PREGNANT WOMEN | F | ALL | .2 a | 500 | HIV2 | ELISA,RAPID,LIA | M0442 |
| | GUINEA | UL | CONAKRY | 1991 | BLOOD DONORS - VOL. | B | ALL | .7 a | 2003 | HIV1 | ELISA,WB |
| UL2 | | CONAKRY | 1991 | BLOOD DONORS - VOL. | B | ALL | .4 a | 2003 | HIV2 | ELISA,WB | M0334 |
| UH | | CONAKRY | 1994 | PROSTITUTES | F | ALL | 36.6 | 112 | HIV | WB | B0271 |
| OL | | SAMOE | 1992(?) | RURAL POPULATION | B | ALL | .3 | 928 | HIV1 | ELISA,RAPID,WB | J0028 |
| OL2 | | SAMOE | 1992(?) | RURAL POPULATION | B | ALL | .1 | 928 | HIV2 | ELISA,RAPID,WB | J0028 |
| GUINEA- BISSAU | + UL | BISSAU | 1995 | PREGNANT WOMEN | F | ALL | 2.6 a | 1496 | HIV1 | ELISA,WB | A0167 |
| | + UL2 | BISSAU | 1995 | PREGNANT WOMEN | F | ALL | 5.0 a | 1496 | HIV2 | ELISA,WB | A0167 |
| | OL | RURAL AREA | 1991 | ADULTS | B | ALL | .5 a | 2770 | HIV1 | ELISA,LIA,WB | W0082 |
| | OL2 | RURAL AREA | 1991 | ADULTS | B | ALL | 8.3 a | 2770 | HIV2 | ELISA,LIA,WB | W0082 |
| KENYA | + UL | NAIROBI | 1996(?) | PREGNANT WOMEN | F | ALL | 18.1 | 210 | HIV1 | UNK | G0183 |
| | UH | NAIROBI | 1992 | PROSTITUTES | F | ALL | 85.5 | 330 | HIV | ELISA*2 | M0243 |
| | + OL | KARURUMO | 1995 | PREGNANT WOMEN | F | ALL | 10.3 | 322 | HIV | UNK | B0288 |
| LESOTHO | UL | MASERU | 1993 | PREGNANT WOMEN | F | ALL | 6.1 | 459 | HIV | ELISA*3 | M0391 |
| | UH | MASERU | 1993 | STD PTS. | B | ALL | 11.1 | 377 | HIV | ELISA*3 | M0391 |
| | OL | MALUTI DISTRICT | 1993 | PREGNANT WOMEN | F | ALL | 4.2 | 402 | HIV | RAPID,ELISA | M0391 |
| | OH | MALUTI DISTRICT | 1993 | STD PTS. | B | ALL | 21.3 | 221 | HIV | RAPID,ELISA | M0391 |
| MADAGASCAR | + UL | THREE CITIES | 1995 | PREGNANT WOMEN | F | ALL | .1 | 1587 | HIV | ELISA,WB | R0143 |
| | + UH | THREE CITIES | 1995 | STD PTS. | B | ALL | .3 | 1575 | HIV | ELISA,WB | R0143 |
| | OL | TOLIARY PROVINCE | 1995 | PREGNANT WOMEN | F | ALL | .0 | 500 | HIV | UNK | L0202 |
| | OH | TOLIARY PROVINCE | 1995 | STD PTS. | B | ALL | .4 | 500 | HIV | UNK | L0202 |

Table 3: Detailed Listing of Estimates of HIV-1 and 2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1995

| Region/ Country | Risk Area | Geographic Area | Year | Sub-population | Sex | Age | Prev. Rate | Sample Size | Data Type | Test Type | Source ID |
|--------------------|--------------|--------------------|---------|------------------------|-----|-----|---------------|----------------|--------------|---------------|--------------|
| MALAWI | + UL | BLANTYRE | 1995 | PREGNANT WOMEN | F | ALL | 32.8 | 400 | HIV | ELISA | K0233 |
| | + UH | BLANTYRE | 1995 | STD CLINIC PTS. | B | ALL | 70.4 | 250 | HIV | ELISA | K0233 |
| | + OL | KASINA(RURAL) | 1995 | PREGNANT WOMEN | F | ALL | 11.8 | 119 | HIV | ELISA | K0233 |
| MALI | UL | BAMAHO | 1994 | PREGNANT WOMEN | F | ALL | 4.4 | 205 | HIV1,2 | ELISA,RAPID | M0452 |
| | UH | BAMAHO | 1995(?) | PROSTITUTES | F | ALL | 55.5 | 146 | HIV1,2 | ELISA,RAPID | M0452 |
| | OL | SEVEN REGIONS | 1992 | GENERAL POPULATION | F | ALL | 3.4 c | 2990 | HIV1,2 | LIA,WB | M0331 |
| | OH | FIVE REGIONS | 1992 | PROSTITUTES | F | ALL | 52.8 c | 178 | HIV1,2 | LIA,WB | M0331 |
| MAURITANIA | + UL | NOUAKCHOTT | 1993-94 | PREGNANT WOMEN | F | ALL | .5 a | 1106 | HIV1 | ELISA*2,RAPID | A0166 |
| | + UL2 | NOUAKCHOTT | 1993-94 | PREGNANT WOMEN | F | ALL | .2 a | 1106 | HIV2 | ELISA*2,RAPID | A0166 |
| | + UH | NOUAKCHOTT | 1993-94 | STD PTS. | F | ALL | .9 | 430 | HIV | ELISA*2,RAPID | A0166 |
| MAURITIUS | UH | NOT SPECIFIED | 1988-91 | STD CLINIC PTS. | B | ALL | .8 | 1470 | HIV | ELISA,WB | P0074 |
| MOROCCO | UL | RABAT | 1993(?) | PREGNANT WOMEN | F | ALL | .2 | 671 | HIV1 | ELISA,WB | R0099 |
| | UL2 | CASABLANCA | 1991(?) | PREGNANT WOMEN | F | ALL | .0 | 300 | HIV2 | ELISA,WB | Z0022 |
| | + UH | THREE CITIES | 1996(?) | STD PTS. | M | ALL | 1.4 | 223 | HIV | ELISA,WB | M0470 |
| MOZAMBIQUE | UL | MAPUTO | 1994 | PREGNANT WOMEN | F | ALL | 2.7 | 800 | HIV | ELISA,RAPID | B0272 |
| | + UH | MAPUTO | 1995 | STD PTS. | B | ALL | 7.6 b | N/A | HIV | ELISA,RAPID | D0194 |
| | OL | ZAMBEZIA PR./RUR | 1992-93 | DISPL. PREGNANT WOMEN | F | ALL | 1.5 a | 1728 | HIV1 | ELISA,WB | C0183 |
| | OL2 | ZAMBEZIA PR./RUR | 1992-93 | DISPL. PREGNANT WOMEN | F | ALL | .5 a | 1728 | HIV2 | ELISA,WB | C0183 |
| NAMIBIA | + UL | SIX URBAN SITES | 1996 | PREGNANT WOMEN | F | ALL | 17.6 | 1290 | HIV | ELISA*2 | M0488 |
| | + OL | FOUR RURAL SITES | 1996 | PREGNANT WOMEN | F | ALL | 10.3 | 565 | HIV | ELISA*2 | M0488 |
| NIGER | UL | NIAMEY | 1993 | PREGNANT WOMEN | F | ALL | 1.3 a | 400 | HIV1 | ELISA,RAPID | M0394 |
| | UL2 | NIAMEY | 1993 | PREGNANT WOMEN | F | ALL | .0 a | 400 | HIV2 | ELISA,RAPID | M0394 |
| | UH | NIAMEY | 1993 | PROSTITUTES | F | ALL | 12.6 a | 253 | HIV1 | ELISA,LIA | S0258 |
| | UH2 | NIAMEY | 1993 | PROSTITUTES | F | ALL | 6.3 a | 253 | HIV2 | ELISA,LIA | S0258 |
| | OL | TAHOJA REG/RURAL | 1992 | PREGNANT WOMEN | F | ALL | 1.4 | 650 | HIV | ELISA,WB | H0106 |
| NIGERIA | UL | LAGOS ST/5 SITES | 1993-94 | PREGNANT WOMEN | F | ALL | 6.7 c | 1894 | HIV | ELISA*2,RAPID | N0176 |
| | UH | LAGOS ST/3 SITES | 1993-94 | PROSTITUTES | F | ALL | 29.1 c | 292 | HIV | ELISA*2,RAPID | N0176 |
| RWANDA | UL | KIGALI | 1995 | PREGNANT WOMEN | F | ALL | 25.4 | 500 | HIV | RAPID | N0168 |
| | UH | KIGALI | 1990-92 | STD PTS. W/ GU | B | ALL | 73.2 | 395 | HIV | ELISA,LIA | B0243 |
| SENEGAL | UL | DAKAR | 1995(?) | FAM. PLAN. CLINIC PTS. | F | ALL | 1.7 a | 230 | HIV1 | UNK | K0200 |
| | UL2 | DAKAR | 1995(?) | FAM. PLAN. CLINIC PTS. | F | ALL | .4 a | 230 | HIV2 | UNK | K0200 |
| | UH | DAKAR REGION | 1994 | PROSTITUTES | F | ALL | 10.1 a | 347 | HIV1 | ELISA,WB | M0420 |
| | UH2 | DAKAR REGION | 1994 | PROSTITUTES | F | ALL | 8.0 a | 347 | HIV2 | ELISA,WB | M0420 |
| | OL | ZIGUINCHOR REG. | 1994 | PREGNANT WOMEN | F | ALL | .6 a | 671 | HIV1 | ELISA,WB | M0420 |
| | OL2 | ZIGUINCHOR REG. | 1994 | PREGNANT WOMEN | F | ALL | 1.0 a | 671 | HIV2 | ELISA,WB | M0420 |
| | OH | ZIGUINCHOR REG. | 1994 | PROSTITUTES | F | ALL | 9.2 a | 141 | HIV1 | ELISA,WB | M0420 |
| | OH2 | ZIGUINCHOR REG. | 1994 | PROSTITUTES | F | ALL | 27.6 a | 141 | HIV2 | ELISA,WB | M0420 |
| SIERRA LEONE | UH | FREETOWN | 1995(?) | PROSTITUTES | F | ALL | 26.7 | 150 | HIV | UNK | K0209 |

Table 3: Detailed Listing of Estimates of HIV-1 and 2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1995

| Region/ Country | Risk Area | Geographic Area | Year | Sub-population | Sex | Age | Prev. Rate | Sample Size | Data Type | Test Type | Source ID |
|--------------------|--------------|--------------------|---------|------------------------|-----|-----|---------------|----------------|--------------|---------------|--------------|
| SOUTH AFRICA | + UL | NATAL/KWAZULU PR | 1995 | PREGNANT WOMEN | F | ALL | 18.2 b | N/A | HIV | UNK | W0115 |
| | UH | JOHANNESBURG | 1994 | STD PTS. | B | ALL | 20.1 c | 4395 | HIV | UNK | R0123 |
| | OL | NATIONAL | 1994 | PREGNANT WOMEN | F | ALL | 6.4 | 18630 | HIV | ELISA*2,RAPID | R0131 |
| SUDAN | + UL | JUBA | 1995 | PREGNANT WOMEN | F | ALL | 3.0 b | N/A | HIV | UNK | W0122 |
| SWAZILAND | UL | NATIONAL | 1993 | PREGNANT WOMEN | F | ALL | 21.9 b | N/A | HIV | UNK | R0122 |
| | UH | NATIONAL | 1992 | STD CLINIC PTS. | B | ALL | 11.1 | 1489 | HIV | UNK | D0117 |
| TANZANIA | + UL | DAR ES SALAAM | 1995-96 | PREGNANT WOMEN | F | ALL | 13.7 | 6525 | HIV | ELISA,WB | M0473 |
| | UH | DAR ES SALAAM | 1993(?) | HIGH RISK INDIVIDUALS | F | ALL | 49.5 | 925 | HIV | ELISA | O0051 |
| | OL | MBEYA REG./RURAL | 1994 | PREGNANT WOMEN | F | ALL | 15.0 b | N/A | HIV | UNK | T0139 |
| | OH | MBEYA REGION | 1992 | STD PTS. | B | ALL | 34.3 b | N/A | HIV | ELISA*2,WB | R0090 |
| TOGO | UH | FIVE REGIONS | 1993(?) | MILITARY RECRUITS | M | ALL | 3.1 | 1357 | HIV | ELISA,WB | B0224 |
| | OL | DAPAONG/RURAL | 1993 | PREGNANT WOMEN | F | ALL | 3.0 | 497 | HIV1 | ELISA,WB | M0375 |
| | OL2 | DAPAONG/RURAL | 1993 | PREGNANT WOMEN | F | ALL | .0 | 497 | HIV2 | ELISA,WB | M0375 |
| | OH | DAPAONG/RURAL | 1993 | STD PTS. | B | ALL | 7.3 b | N/A | HIV1,2 | ELISA,WB | M0375 |
| TUNISIA | UL | TUNIS | 1991 | PREGNANT WOMEN | F | ALL | .0 | 1030 | HIV1 | ELISA,WB | B0169 |
| UGANDA | UL | KAMPALA | 1995 | PREGNANT WOMEN | F | ALL | 18.5 b | N/A | HIV | ELISA*2 | A0158 |
| | UH | KAMPALA | 1995 | STD PTS. | F | ALL | 38.5 b | N/A | HIV | ELISA*2 | A0158 |
| | OL | KABAROLE DST/RUR | 1994 | PREGNANT WOMEN | F | ALL | 6.5 b | N/A | HIV | UNK | W0094 |
| ZAIRE | UL | KINSHASA/3 SITES | 1992 | PREGNANT WOMEN | F | ALL | 5.0 c | 1298 | HIV1 | RAPID | M0265 |
| | + UH | KINSHASA | 1995 | PROSTITUTES | F | ALL | 30.3 | 601 | HIV | UNK | N0184 |
| | OL | MUSOSHI | 1991 | PREGNANT WOMEN | F | ALL | 2.9 | 1143 | HIV1 | ELISA,WB | M0265 |
| | OH | HAUT-ZAIRE REG. | 1991(?) | PROSTITUTES | F | ALL | 25.4 | 126 | HIV1 | ELISA,IFA/WB | G0092 |
| ZAMBIA | UL | URBAN AREAS | 1994 | PREGNANT WOMEN | F | ALL | 27.9 | 5320 | HIV | ELISA | F0084 |
| | UH | LUSAKA | 1992-93 | STD CLINIC PTS. | F | ALL | 58.0 | 329 | HIV | ELISA | S0294 |
| | OL | RURAL AREAS | 1994 | PREGNANT WOMEN | F | ALL | 12.7 | 6219 | HIV | UNK | F0084 |
| | OH | MUKINGE | 1990(?) | STD CLINIC PTS. | B | ALL | 36.0 b | N/A | HIV1 | ELISA | K0096 |
| ZIMBABWE | UL | HARARE | 1995 | PREGNANT WOMEN | F | ALL | 32.0 | 2783 | HIV | ELISA*2 | L0201 |
| | UH | HARARE | 1994-95 | PROSTITUTES | F | ALL | 86.0 | 147 | HIV | ELISA | M0433 |
| | OL | MANICALAND P/RUR | 1993 | PREGNANT WOMEN | F | ALL | 16.0 b | N/A | HIV | UNK | F0076 |
| | OH | MUREWA DISTRICT | 1991-93 | STD CLINIC PTS. | M | ALL | 46.0 | 215 | HIV1 | ELISA,WB | T0130 |
| | OH2 | MUREWA DISTRICT | 1991-93 | STD CLINIC PTS. | M | ALL | .0 | 215 | HIV2 | ELISA,WB | T0130 |
| *ASIA & OCEANIA | | | | | | | | | | | |
| BAHRAIN | UH | NOT SPECIFIED | 1990(?) | STD CLINIC PTS. | B | ALL | .0 | 1026 | HIV | UNK | F0038 |
| BANGLADESH | UL | NATIONAL | 1989-95 | VARIOUS GROUPS | B | ALL | .0 | 300000 | HIV | UNK | C0199 |
| | + UH | DHAKA | 1996(?) | PROSTITUTES | F | ALL | 1.2 b | 87 | HIV | RAPID | M0480 |
| BHUTAN | UL | NOT SPECIFIED | 1991 | VARIOUS GROUPS | B | ALL | .0 | 6832 | HIV | UNK | W0076 |
| BURMA | + UL | 20 SITES | 1995 | FAM. PLAN. CLINIC PTS. | F | ALL | 2.2 b | N/A | HIV | UNK | K0220 |
| | UH | RANGOON/MANDALAY | 1995 | PROSTITUTES | F | ALL | 18.0 | 194 | HIV | ELISA,RAPID | T0137 |

Table 3: Detailed Listing of Estimates of HIV-1 and 2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1995

| Region/ Country | Risk Area | Geographic Area | Year | Sub-population | Sex | Age | Prev. Rate | Sample Size | Data Type | Test Type | Source ID |
|---------------------|--------------|--------------------|---------|---------------------|-----|-----|---------------|----------------|--------------|----------------|--------------|
| CAMBODIA | + UL | PHNOM PENH | 1996 | PREGNANT WOMEN | F | ALL | 3.2 | 186 | HIV | RAPID,ELISA | C0228 |
| | + UH | PHNOM PENH | 1996 | PROSTITUTES | F | ALL | 41.6 | 173 | HIV | RAPID | C0228 |
| | + OL | KAMPONG CHAM PR. | 1996 | PREGNANT WOMEN | F | ALL | .9 | 232 | HIV | RAPID,ELISA | C0228 |
| | + OH | KAMPONG CHAM PR. | 1996 | PROSTITUTES | F | ALL | 27.3 | 154 | HIV | RAPID,ELISA | C0228 |
| CHINA, MAINLAND | UL | NATIONAL | 1994 | BLOOD DONORS | B | ALL | .0 | 930000 | HIV | UNK | W0112 |
| | + UH | RUILI | 1995 | IVDU | B | ALL | 73.2 b | N/A | HIV | UNK | C0221 |
| CHINA, TAIWAN @ | UL | NOT SPECIFIED | 1994 | VARIOUS GROUPS | B | ALL | .0 | 8828391 | HIV1 | ELISA*2,WB | W0097 |
| | UH | TAIPEI | 1991-92 | STD CLINIC PTS. | B | ALL | .4 | 19811 | HIV1 | ELISA,WB | H0092 |
| | UH2 | TAIPEI | 1991-92 | STD CLINIC PTS. | B | ALL | .0 | 19811 | HIV2 | ELISA,WB | H0092 |
| COOK ISLANDS | UL | NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .0 | 208 | HIV | UNK | W0112 |
| FIJI | UL | NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .0 | 8986 | HIV | UNK | W0112 |
| | UH | NOT SPECIFIED | 1991-93 | STD PTS. | B | ALL | .1 | 2749 | HIV | UNK | 00063 |
| FRENCH POLYNESIA | UL | NATIONAL | 1993 | BLOOD DONORS - VOL. | B | ALL | .0 | 5169 | HIV | UNK | W0112 |
| | UH | NOT SPECIFIED | 1991 | PROSTITUTES | F | ALL | 3.0 | 230 | HIV | UNK | 00063 |
| GAZA STRIP | UL | NOT SPECIFIED | 1987-92 | BLOOD DONORS | B | ALL | .0 | 23406 | HIV | WB | M0314 |
| GUAM | UL | NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .1 | 1260 | HIV | UNK | W0112 |
| HONG KONG | UL | NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .0 | 172151 | HIV | UNK | W0112 |
| | UH | NOT SPECIFIED | 1994 | STD CLINIC PTS. | B | ALL | .1 | 14496 | HIV | UNK | L0156 |
| INDIA | + UL | BOMBAY | 1995 | PREGNANT WOMEN | F | 20+ | 2.5 b | N/A | HIV | UNK | M0487 |
| | + UH | BOMBAY | 1995 | STD PTS. | M | ALL | 28.6 a | 300 | HIV1 | ELISA,RAPID,WB | B0287 |
| | + UH2 | BOMBAY | 1995 | STD PTS. | M | ALL | 7.0 a | 300 | HIV2 | ELISA,RAPID,WB | B0287 |
| INDONESIA | UH | EAST JAVA | 1994(?) | PROSTITUTES | F | ALL | .3 | 1200 | HIV | UNK | J0044 |
| ISRAEL | UL | EAST JERUSALEM | 1989-92 | BLOOD DONORS | B | ALL | .0 | 21222 | HIV | WB | M0314 |
| | UH | TEL AVIV | 1991(?) | PROSTITUTES | F | ALL | 1.1 | 180 | HIV | ELISA,WB | M0186 |
| KIRIBATI | UL | NOT SPECIFIED | 1991-93 | BLOOD DONORS | B | ALL | .1 | 1694 | HIV | UNK | 00063 |
| KOREA, NORTH | UL | NOT SPECIFIED | 1990 | VARIOUS GROUPS | B | ALL | .0 | 61200 | HIV | UNK | W0076 |
| KOREA, SOUTH | UL | NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .8 | 1675316 | HIV | UNK | W0112 |
| | UH | NOT SPECIFIED | 1985-94 | PROSTITUTES | F | ALL | .0 | 140263 | HIV | ELISA,WB | S0301 |
| LAOS | UL | VIENTIANE | 1993 | BLOOD DONORS | B | ALL | .8 | 238 | HIV | UNK | M0309 |
| | UH | VIENTIANE | 1990-93 | PROSTITUTES | F | ALL | 1.2 | 257 | HIV | ELISA,WB | P0122 |
| MACAU | UL | NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .0 | 6400 | HIV | UNK | W0112 |
| MALAYSIA | UL | NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .0 | 218578 | HIV | UNK | W0112 |
| | UH | KOTA BHARU | 1992 | IVDU | B | ALL | 29.5 | 210 | HIV | ELISA,WB | S0215 |

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Table 3: Detailed Listing of Estimates of HIV-1 and 2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1995

| Region/ Country | Risk Area | Geographic Area | Year | Sub-population | Sex | Age | Prev. Rate | Sample Size | Data Type | Test Type | Source ID |
|---------------------------------|--------------|--------------------|---------|---------------------|-----|-----|---------------|----------------|--------------|----------------|--------------|
| MALDIVES | UL | NOT SPECIFIED | 1991 | VARIOUS GROUPS | B | ALL | .0 | 8311 | HIV | UNK | W0076 |
| MARSHALL ISLANDS | UL | NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .0 | 386 | HIV | UNK | W0112 |
| MICRONESIA, FEDRTD STATES | UL | NATIONAL | 1994 | BLOOD DONORS | B | ALL | .0 | 1188 | HIV | UNK | W0112 |
| MONGOLIA | UL | NATIONAL | 1994 | BLOOD DONORS | B | ALL | .0 | 6867 | HIV | UNK | W0112 |
| | UH | ULAANBAATAR | 1987-93 | PROSTITUTES | F | ALL | .0 | 439 | HIV | UNK | M0340 |
| NEPAL | + UL | EIGHT SITES | 1992 | PREGNANT WOMEN | F | ALL | .0 b | N/A | HIV | UNK | S0391 |
| | + UH | EIGHT SITES | 1992 | PROSTITUTES | F | ALL | 1.3 b | N/A | HIV | UNK | S0391 |
| NEW CALEDONIA | UL | NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .1 | 6355 | HIV | UNK | W0112 |
| PAKISTAN | + UL | LAHORE | 1995 | PREGNANT WOMEN | F | ALL | .6 | 2000 | HIV | RAPID,ELISA | P0144 |
| | + UH | LAHORE | 1995 | STD CLINIC PTS. | B | ALL | 3.7 | 295 | HIV | RAPID | P0144 |
| PALAU | UL | NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .0 | 252 | HIV | UNK | W0112 |
| | UH | NOT SPECIFIED | 1991-93 | STD PTS. | B | ALL | .0 | 175 | HIV | UNK | 00063 |
| PAPUA NEW GUINEA | UL | NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .0 | 25576 | HIV | UNK | W0112 |
| | UH | PORT MORESBY | 1992 | STD CLINIC PTS. | B | ALL | .3 | 2000 | HIV | ELISA,WB | 00053 |
| | OL | GOROKA | 1992 | PREGNANT WOMEN | F | ALL | .0 | 761 | HIV | ELISA,RAPID,WB | I0028 |
| | OH | WEWAK & GOROKA | 1992 | STD PTS. | B | ALL | .0 c | 700 | HIV | ELISA,RAPID,WB | I0028 |
| PHILIPPINES | UL | NATIONAL | 1994 | BLOOD DONORS | B | ALL | .0 | 499511 | HIV | UNK | W0112 |
| | UH | PASAY CITY | 1993 | PROSTITUTES | F | ALL | .5 | 1483 | HIV | UNK | T0125 |
| SINGAPORE | UL | NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .0 | 59716 | HIV | UNK | W0112 |
| | UH | NOT SPECIFIED | 1994 | PROSTITUTES | F | ALL | 3.7 b | N/A | HIV | UNK | G0161 |
| SOLOMON ISLANDS | UL | NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .0 | 1516 | HIV | UNK | W0112 |
| | UH | NOT SPECIFIED | 1991-93 | STD PTS. | B | ALL | .0 | 279 | HIV | UNK | 00063 |
| SRI LANKA | UL | NOT SPECIFIED | 1991 | VARIOUS GROUPS | B | ALL | .0 | 195148 | HIV | UNK | W0076 |
| | + UH | COLOMBO | 1993 | PROSTITUTES | F | ALL | .5 b | N/A | HIV | UNK | B0304 |
| THAILAND | UL | CENTRAL REGION | 1995 | PREGNANT WOMEN | F | ALL | 2.8 | 14822 | HIV | UNK | T0145 |
| | UH | CENTRAL REGION | 1995 | PROSTITUTES | F | ALL | 21.6 c | 6531 | HIV | UNK | T0145 |
| TONGA | UL | NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .0 | 1513 | HIV | UNK | W0112 |
| TURKEY | UL | ISTANBUL | 1993-94 | BLOOD DONORS | B | ALL | .0 | 14157 | HIV1 | ELISA*2,WB | Y0022 |
| TUVALU | UL | NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .0 b | 42 | HIV | UNK | W0112 |
| VANUATU | UL | NATIONAL | 1994 | BLOOD DONORS | B | ALL | .0 | 421 | HIV | UNK | W0112 |

Table 3: Detailed Listing of Estimates of HIV-1 and 2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1995

| Region/ Country | Risk Area | Geographic Area | Year | Sub-population | Sex | Age | Prev. Rate | Sample Size | Data Type | Test Type | Source ID |
|--------------------------------|--------------|--------------------|---------|------------------------|-----|-----|---------------|----------------|--------------|-----------------|----------------|
| VIETNAM | + UL | HO CHI MINH | 1995 | PREGNANT WOMEN | F | ALL | .2 | 898 | HIV | UNK | N0182 |
| | + UH | HO CHI MINH | 1995 | IVDU | B | ALL | 43.6 | 1264 | HIV | UNK | N0182 |
| | + UH | HO CHI MINH | 1995 | PROSTITUTES | F | ALL | 1.2 | 1568 | HIV | UNK | N0182 |
| WEST BANK | UL | NOT SPECIFIED | 1992 | BLOOD DONORS | B | ALL | .0 | 8997 | HIV | WB | M0314 |
| WESTERN SAMOA | UL | NATIONAL | 1994 | BLOOD DONORS - VOL. | B | ALL | .0 | 1044 | HIV | UNK | W0112 |
| *LATIN AMERICA & *CARIBBEAN | | | | | | | | | | | |
| ARGENTINA | + UL | BUENOS AIRES PR. | 1995 | PREGNANT WOMEN | F | ALL | 2.8 b | N/A | HIV | UNK | N0179 |
| | + UH | BUENOS AIRES PR. | 1995 | STD PTS. | B | ALL | 9.1 b | N/A | HIV | UNK | N0179 |
| ARUBA | UH | NOT SPECIFIED | 1994 | PROSTITUTES | F | 18Y | .0 b | N/A | HIV1,2 | ELISA*2 | D0178 |
| THE BAHAMAS | UL | NOT SPECIFIED | 1993 | PREGNANT WOMEN | F | ALL | 3.6 | 1019 | HIV | ELISA | B0179 |
| | UH | NOT SPECIFIED | 1993 | STD PTS. | B | ALL | 18.4 | 228 | HIV | ELISA | B0179 |
| BARBADOS | UL | NOT SPECIFIED | 1992 | PREGNANT WOMEN | F | ALL | 1.2 c | 777 | HIV | ELISA | B0186 |
| | | | | | | | | | | | B0187 |
| | | | | | | | | | | | B0188 |
| | | | | | | | | | | | B0189 |
| BRAZIL | + UL | RIO DE JANEIRO | 1995 | PREGNANT WOMEN | F | ALL | 2.7 | 742 | HIV | ELISA | J0056 |
| | + UH | RIO DE JANEIRO | 1995 | STD CLINIC PTS. | B | ALL | 13.3 | 315 | HIV1 | ELISA*2 | S0367 |
| | + OL | BELO HORIZONTE | 1994-95 | PREGNANT WOMEN | F | ALL | .3 | 1489 | HIV1,2 | ELISA, WB | A0165 |
| | + OH | BELO HORIZONTE | 1994 | STD CLINIC PTS. | B | ALL | 3.5 | 517 | HIV | UNK | M0447 |
| BRITISH VIRGIN ISLANDS | UL | NOT SPECIFIED | 1992 | PREGNANT WOMEN | F | ALL | 2.8 b | 36 | HIV | UNK | B0206 |
| CAYMAN ISLANDS | UL | NOT SPECIFIED | 1992 | PREGNANT WOMEN | F | ALL | .0 | 462 | HIV | UNK | G0123 |
| CHILE | UL | METROPOLITAN RG. | 1994 | PREGNANT WOMEN | F | ALL | .1 | 2093 | HIV1 | ELISA*2, IFA/WB | P0142 |
| | UH | METROPOLITAN RG. | 1994 | STD CLINIC PTS. | B | ALL | 1.3 | 385 | HIV1 | ELISA*2, IFA/WB | P0142 |
| COLOMBIA | + UL | BARRANQUILLA | 1994 | PREGNANT WOMEN | F | ALL | 1.1 | 1233 | HIV1 | UNK | G0184 |
| | + UH | BARRANQUILLA | 1994 | PROSTITUTES & STD PTS. | B | ALL | 3.4 | 119 | HIV1 | UNK | G0184 |
| COSTA RICA | + UL | SAN JOSE | 1992 | PREGNANT WOMEN | F | ALL | 0.0 | 649 | HIV1 | ELISA | L0223 |
| | + UH | SAN JOSE | 1992 | STD CLINIC PTS. | B | ALL | 1.6 | 883 | HIV1 | ELISA | L0223 |
| CUBA | + UL | NOT SPECIFIED | 1996(?) | PREGNANT WOMEN | F | ALL | .0 | 1668237 | HIV | ELISA, WB | M0484 |
| | + UH | NOT SPECIFIED | 1993 | STD PTS. | B | ALL | .0 | 109545 | HIV1 | ELISA, WB | S0389 |
| DOMINICAN REPUBLIC | + UL | SANTO DOMINGO | 1995 | PREGNANT WOMEN | F | ALL | 2.0 | 1000 | HIV1 | ELISA*3 | P0157 |
| | + UH | SANTO DOMINGO | 1994 | SEW WORKERS | F | ALL | 6.2 c | 746 | HIV1 | ELISA*3 | P0156 P0157 |

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Table 3: Detailed Listing of Estimates of HIV-1 and 2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1995

| Region/ Country | Risk Area | Geographic Area | Year | Sub-population | Sex | Age | Prev. Rate | Sample Size | Data Type | Test Type | Source ID |
|---------------------|--------------|--------------------|---------|-----------------------|-----|-----|---------------|----------------|--------------|----------------|----------------------------------|
| ECUADOR | + UL | GUAYAQUIL | 1992 | PREGNANT WOMEN | F | ALL | .3 | 390 | HIV1 | ELISA,WB | B0300 |
| | UH | GUAYAQUIL | 1993 | STD PTS. | B | ALL | 3.6 | 1395 | HIV1 | ELISA,WB | R0104 |
| EL SALVADOR | + UL | NOT SPECIFIED | 1996 | WOMEN | F | ALL | .5 | 2195 | HIV | ELISA | D0202 |
| | + UH | NOT SPECIFIED | 1995-96 | STD CLINIC PTS. | B | ALL | 6.0 | 531 | HIV | ELISA | D0202 |
| GRENADA | UL | NOT SPECIFIED | 1991 | PREGNANT WOMEN | F | ALL | .0 | 112 | HIV | ELISA | G0140 |
| | UH | NOT SPECIFIED | 1991 | STD PTS. | B | ALL | 2.4 b | 41 | HIV | ELISA | G0139 |
| GUATEMALA | UL | GUATEMALA CITY | 1990-91 | PREGNANT WOMEN | F | ALL | .0 | 500 | HIV | ELISA,WB | M0205 |
| | UH | GUATEMALA CITY | 1990-93 | STD CLINIC PTS. W/ GU | B | ALL | 8.5 | 130 | HIV | ELISA,WB | M0371 |
| GUYANA | UL | NOT SPECIFIED | 1992 | PREGNANT WOMEN | F | ALL | 6.9 | 145 | HIV | ELISA | G0137 |
| | UH | NOT SPECIFIED | 1993 | PROSTITUTES | F | ALL | 25.0 | 108 | HIV | UNK | F0065 |
| HAITI | UL | CITE SOLEIL | 1992(?) | HEALTHY ADULTS | B | ALL | 15.7 | 4133 | HIV | ELISA/RAPID,WB | B0138 |
| | UH | NOT SPECIFIED | 1990 | PROSTITUTES | F | ALL | 70.0 b | N/A | HIV | UNK | K0205 |
| | OL | NORTH RURAL AREA | 1990 | PREGNANT WOMEN | F | ALL | 4.0 | 500 | HIV | WB | A0097 |
| HONDURAS | + UL | SAN PEDRO SULA | 1995 | PREGNANT WOMEN | F | ALL | 4.1 b | N/A | HIV | UNK | M0495 |
| | + UH | SAN PEDRO SULA | 1995 | PROSTITUTES | F | ALL | 20.5 b | N/A | HIV | UNK | M0495 |
| JAMAICA | + UL | KINGSTON | 1996(?) | PREGNANT WOMEN | F | ALL | .7 | 140 | HIV1 | ELISA,WB | D0196 |
| | + UH | MONTEGO BAY | 1994-95 | PROSTITUTES | F | ALL | 24.6 | 310 | HIV | UNK | D0193 |
| MEXICO | UL | NATIONAL | 1994(?) | PREGNANT WOMEN | F | ALL | .6 b | N/A | HIV | UNK | G0151 |
| | UH | NATIONAL | 1994(?) | PROSTITUTES | F | ALL | 5.0 b | N/A | HIV | UNK | G0151 |
| MONTSERRAT | UL | NOT SPECIFIED | 1992 | BLOOD DONORS | B | ALL | .0 c | 275 | HIV | ELISA | M0278 M0279 M0280 |
| NICARAGUA | UL | MANAGUA | 1990-91 | BLOOD DONORS | B | ALL | .0 | 15761 | HIV1 | UNK | N0110 |
| | UH | MANAGUA | 1990-91 | PROSTITUTES | F | ALL | 1.6 b | 61 | HIV1 | UNK | N0110 |
| PANAMA | + UL | METROPOLITANA R | 1993 | NEW MOTHERS | F | ALL | .8 | 802 | HIV | UNK | P0162 |
| PARAGUAY | UL | ASUNCION | 1992 | PREGNANT WOMEN | F | ALL | .0 | 1500 | HIV | ELISA,WB | V0058 |
| ST. KITTS/ NEVIS | UL | NOT SPECIFIED | 1992 | PREGNANT WOMEN | F | ALL | 2.0 c | 152 | HIV | ELISA | S0227 S0241 S0242 |
| ST. LUCIA | UL | NOT SPECIFIED | 1992 | BLOOD DONORS | B | ALL | .0 c | 1025 | HIV | ELISA | S0218 S0220 S0221 |
| | UH | NOT SPECIFIED | 1992 | STD PTS. | B | ALL | 1.2 c | 2219 | HIV | ELISA | S0217 S0218 S0220 S0221 |

Table 3: Detailed Listing of Estimates of HIV-1 and 2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1995

| Region/ Country | Risk Area | Geographic Area | Year | Sub-population | Sex | Age | Prev. Rate | Sample Size | Data Type | Test Type | Source ID |
|------------------------------------|--------------|--------------------|---------|-----------------|-----|-----|---------------|----------------|--------------|---------------|----------------|
| ST. VINCENT & THE GRENADINES | UL | NOT SPECIFIED | 1992 | PREGNANT WOMEN | F | ALL | .2 | 429 | HIV | ELISA | S0235 |
| | UH | NOT SPECIFIED | 1992 | STD PTS. | B | ALL | 1.4 c | 1443 | HIV | ELISA | S0234 |
| | | | | | | | | | | | S0235 |
| | | | | | | | | | | | S0236 |
| TRINIDAD & TOBAGO | UL | NOT SPECIFIED | 1990 | PREGNANT WOMEN | F | ALL | .3 | 1000 | HIV | UNK | F0065 |
| | UH | PORT OF SPAIN | 1991-92 | STD CLINIC PTS. | B | ALL | 14.7 | 1664 | HIV1 | UNK | C0143 |
| URUGUAY | + UL | MONTEVIDEO | 1996 | BLOOD DONORS | B | ALL | 0.1 c | 34691 | HIV1,2 | ELISA, IFA/WB | B0297 B0302 |
| | + UH | MONTEVIDEO | 1996 | IVDU | B | ALL | 10.7 c | 216 | HIV1,2 | ELISA, IFA/WB | B0297 B0302 |
| | + UH | MONTEVIDEO | 1996 | PROSTITUTES | F | ALL | .3 c | 1323 | HIV1,2 | ELISA, IFA/WB | B0297 B0302 |
| VENEZUELA | UL | NOT SPECIFIED | 1992(?) | BLOOD DONORS | B | ALL | .1 | 1589 | HIV1 | ELISA, WB | E0024 |
| | UH | NOT SPECIFIED | 1992(?) | PROSTITUTES | F | ALL | 6.1 b | 99 | HIV1 | ELISA, WB | E0024 |

a Rate represents co-infection with HIV1 and 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 combined.

+ Data changed and/or added.

@ Data for Taiwan located under China within the "HIV/AIDS Surveillance Database".

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, 1/97 Update

REFERENCES

Source ID

- A0097 Allain, J. P., W. Hodges, M. H. Einstein, et al., 1992, Antibody to HIV-1, HTLV-1, and HCV in Three Populations of Rural Haitians, *Journal of Acquired Immune Deficiency Syndromes*, vol. 5, no. 12, pp. 1230-1236.
- A0132 Addad, B., S. Hamdi, A. Bouguermauh, 1993, Prevalence des MST en Consultation de Gynecologie - Obstetrique et dans le Milieu Carceral de la Prostitution, VIII International Conference on AIDS in Africa, Marrakech, Morocco, 12/12-16, Abstract W.P.C.076.
- A0157 Anderson, S., L. F. Dias, L. Cambelela, et al., 1995, HTLV Seroprevalence in Various Population Groups in Angola, IX International Conference on AIDS and STD in Africa, Kampala, Uganda, 12/10-14, Session MoC017.
- A0158 Asimwe-Okiror, G., J. Musinguzi, G. Tembo, et al., 1995, Declining Trends in HIV Infection in Urban Areas in Uganda, IX International Conference on AIDS and STD in Africa, Kampala, Uganda, 12/10-14, Session WeC206.
- A0165 Andrade, C. A., E. S. Soares, M. V. Lima-Martins, et al., 1996, Seroprevalence of HIV-1 and HTLV-I/II in Labour Women and Their Neonates in a Government Maternity in Belo Horizonte, Brazil, XI International Conference on AIDS, Vancouver, 7/7-14, Poster Pu
- A0166 Abbas, M. H., Phillipon, Tandia, et al., 1996, Prevalence of Sexually Transmitted Infections among Patients with Genital Discharge and Pregnant Women in Mauritania, XI International Conference on AIDS, Vancouver, 7/7-14, Poster, Mo.C.1632.
- A0167 Andersson, S., J. Albert, H. Norrgren, et al., 1996, Trends of Incidence and Prevalence of HIV-1 in Guinea Bissau, West Africa, and Preliminary Data on Subtypes, XI International Conference on AIDS, Vancouver, 7/7-14, Poster Mo.C.1480.
- B0138 Boulos, R., J. Coberly, P. Losikoff, et al., 1992, Risk Factors Associated with HIV Infection in Adults Responding to a Community Based TB/HIV Prevention Program, VIII International Conference on AIDS, Amsterdam, 7/19-24, Poster PoC 4061.
- B0162 Bazabana, M. M., J. C. Loukaka, M. Makuwa, et al., 1992, Surveillance par Reseau de Postes Sentinelles au Niveau District 1991 - 1992: Experience Congolaise, VII International Conference on AIDS in Africa, Yaounde, Cameroon, 12/8-11, Poster T.P.032.
- B0169 Ben Salem, N., M. Ben Rachid, C. Hankins, et al., 1993, STD/HIV Seroprevalence among Women Attending an Antenatal Clinic in Tunis, IX International Conference on AIDS, Berlin, 6/6-11, Poster PD-C09-2792.
- B0179 Bahamas Ministry of Health, Community Health Service, 1993, PAHO/WHO HIV Surveillance, May 18, Pan American Health Organization/World Health Organization.
- B0186 Barbados Ministry of Health, 1993, PAHO/WHO HIV Surveillance, Jan. 13, Pan American Health Organization/World Health Organization.
- B0187 Barbados Ministry of Health, 1992, PAHO/WHO HIV Surveillance, Oct. 23, Pan American Health Organization/World Health Organization.
- B0188 Barbados Ministry of Health, 1992, PAHO/WHO HIV Surveillance, Aug. 17, Pan American Health Organization/World Health Organization.
- B0189 Barbados Ministry of Health, 1992, PAHO/WHO HIV Surveillance, Apr. 6, Pan American Health Organization/World Health Organization.
- B0206 British Virgin Islands Public Health Department, 1992, PAHO/WHO HIV Surveillance, Sept. 15, Pan American Health Organization/World Health Organization.
- B0224 Bassabi, K., W. Babombena, E. Delaporte, et al., 1993, Seroprevalence des Infections a VIH et VHC chez les Hommes Jeunes du Togo, VIII International Conference on AIDS in Africa, Marrakech, Morocco, 12/12-16, Abstract W.O.P.011.
- B0233 Buzingo, T., A. Kamuragiye, B. Herch, et al., 1993, Epidemiologie au VIH/SIDA au Burundi, VIII International Conference on AIDS in Africa, Marrakech, Morocco, 12/12-16, Poster Th.P.C.088.
- B0243 Bogaerts, J., L. Kestens, W. Martinez-Tello, et al., 1994, Effect of HIV on Clinical Presentation, Etiology and Response to Therapy of Genital Ulcers in Rwanda, Tenth International Conference on AIDS, Yokohama, Japan, 8/7-12, Poster P.C.0580.
- B0269 Banganizi, E., M. Alary, A. Guedeme, et al., 1995, HIV Infection in Female Prostitutes from Benin: Association with Symptomatic but Not Asymptomatic Gonococcal or Chlamydial ..., IX International Conference on AIDS and STD in Africa, Kampala, Uganda, 12/1
- B0270 Bazabana, M., J. C. Loukaka, P. M'Pele, 1995, Evolution de la Serosurveillance de l'Infection a VIH chez les Femmes Enceintes au Congo de 1990 a 1993, IX International Conference on AIDS and STD in Africa, Kampala, Uganda, 12/10-14, Poster MoC497.
- B0271 Bamba, B., M. Soumah, P. Lutumba, et al., 1995, Etude de Prevalence du VIH et les Autres MST chez les Filles Libres a Conakry, IX International Conference on AIDS and STD in Africa, Kampala, Uganda, 12/10-14, Poster TuC619.
- B0272 Barreto, A., B. De Hulsters, A. Noya, et al., 1995, Trends in HIV Prevalence among Different Target Groups: Data from the National Sentinel Surveillance System of Mozambique, IX International Conference on AIDS and STD in Africa, Kampala, Uganda, 12/10-14
- B0287 Bhave, G., S. Desai, V. Parkar, 1996, Trends of HIV-1 and HIV-2 Infection in STD Patients and Pattern of Transmission to Their Spouses in Bombay, India, XI International Conference on AIDS, Vancouver, 7/7-14, Poster, Mo.C.1496.

- B0288 Baltazar, G., T. M. Okeyo, 1996, The HIV Sentinel Surveillance System in Kenya: Methodology, Results and Uses, XI International Conference on AIDS, Vancouver, 7/7-14, Poster Mo.C.1550.
- B0297 Berriolo, R., Programa Nacional de ETS/SIDA, 1996, PAHO/WHO HIV Surveillance, May 2, PAHO/WHO.
- B0300 Buitron, R. A., Programa Nacional SIDA, 1994, PAHO/WHO HIV Surveillance, May 23, PAHO/WHO.
- B0302 Berriolo, R., Programa Nacional de ETS/SIDA (M.S.P.), 1996, PAHO/WHO HIV Surveillance, August 16, PAHO/WHO
- B0304 Brown, T., P. Xenos, 1994, AIDS in Asia: The Gathering Storm, Analysis from the East-West Center, no. 16, August.
- C0141 Couzineau, B., J. Bouloumie, P. Hovette, et al., 1991, Prevalence of HIV Infection in a Target Population in the Republic of Djibouti, *Medecine Tropicale*, vol. 51, no. 4, pp. 485-486.
- C0143 Cleghorn, F., J. Noreen, J. R. Murphy, et al., 1995, HIV-1 Prevalence and Risk Factors among Sexually Transmitted Disease Clinic Attenders in Trinidad, *AIDS*, vol. 9, no. 4, pp. 389-394.
- C0183 Cossa, H. A., S. Gloyd, R. G. Vaz, et al., 1994, Syphilis and HIV Infection among Displaced Pregnant Women in Rural Mozambique, *International Journal of STD and AIDS*, vol. 5, pp. 117-123.
- C0199 Choudhury, A. Q. M. B., M. R. Choudhury, S. Lazzari, 1995, Responding to HIV/AIDS Epidemic in Bangladesh, 3rd International Conference on AIDS in Asia and the Pacific, Chiang Mai, Thailand, 9/17-21, Poster PB132.
- C0213 Cartoux, M., N. Meda, P. Van de Perre, et al., 1996, HIV Testing and Counseling (HIV T and C) in African Pregnant Women in the Context of Interventions to Reduce Mother-to-Child ..., XI International Conference on AIDS, Vancouver, 7/7-14, Abstract Th.C.41
- C0221 Cheng, H., J. P. Zhang, J. D. Kou, et al., 1996, The HIV Epidemic in Yunnan Province, 1995, XI International Conference on AIDS, Vancouver, 7/7-14, Poster Mo.C.1504.
- C0228 Chin, J., 1996, HIV Prevalence Estimates for Cambodia: Recommendations for Future HIV Surveillance, School of Public Health, University of California, Berkeley, Cambodia Trip Report, Sept. - Oct, unpublished.
- D0117 Dlamini-Kapenda, W., 1993, First HIV Sentinel Surveillance in Swaziland, 1992, February, unpublished report.
- D0145 Davo, N., C. Adjovi, S. Anagonou, et al., 1993, Evolution de l'Epidemie VIH/SIDA au Benin, VIII International Conference on AIDS in Africa, Marrakech, Morocco, 12/12-16, Session W.P.C.082.
- D0178 De Windt, M., Dept. Salubridad Publica, 1995, PAHO/WHO HIV Surveillance, June 23, PAHO/WHO.
- D0190 Delaporte, E., W. Janssens, M. Peeters, et al., 1996, Epidemiological and Molecular Characteristics of HIV Infection in Gabon, 1986-1994, *AIDS*, vol. 10, no. 8, pp. 903-910.
- D0193 Douglas, K. G., A. Brathwaite, V. Patterson, et al., 1996, Risk Factors Associated with STD/HIV Seropositivity among Female Commercial Sex Workers (CSWS) - Implications for an ..., XI International Conference on AIDS, Vancouver, 7/7-14, Poster Tu.C.2477.
- D0194 De Hulsters, B., A. Barreto, A. Noya, et al., 1996, STD Control, an Effective Means for HIV Control?, XI International Conference on AIDS, Vancouver, 7/7-14, Poster Th.C.4748.
- D0196 Dowe, G., S. D. King, A. Wynter, et al., 1996, High Prevalence of HIV and Other STDs in Jamaican Women, XI International Conference on AIDS, Vancouver, 7/7-14, Poster Tu.C.2657.
- D0202 De Bonilla, G., 1996, El Salvador HIV/AIDS Summary Report, Sited by Patricio Murgueytio, PASCA, personal memo.
- E0024 Echeverria de Perez, G., O. Loreto, N. E. Blanco, et al., 1992, Reappraisal of Human Retroviral Infection in Venezuela, *AIDS Research and Human Retroviruses*, vol. 8, no. 2, pp. 219-220.
- E0048 Eshetu, M., 1995, Seroprevalence of HIV and Syphilis among Ethiopian Mothers at Rural Hospital Jimma, Ethiopia from April 1993 - April 1994, IX International Conference on AIDS and STD in Africa, Kampala, Uganda, 12/10-14, Poster TuC608.
- E0049 El-Sayed, N. M., P. J. Gomas, G. R. Rodier, et al., 1996, Seroprevalence Survey of Egyptian Tourism Workers for Hepatitis B Virus, Hepatitis C Virus, Human Immunodeficiency Virus ..., *American Journal of Tropical Medicine and Hygiene*, vol. 55, no. 2, pp.
- F0038 Fulayfil, R., Z. H. B. Baig, 1991, Prevalence of HIV Antibodies in High Risk Groups, Bahrain, VII International Conference on AIDS, Florence, Italy, 6/16-21, Abstract M.D.4161.
- F0065 Farley, J., 1993, Epidemiological Status of STD, HIV & AIDS, IX Latin American Conference on AIDS, Cartagena, Colombia, 11/3-6, Oral Session.
- F0076 Foster, G., R. Shakespeare, F. Chinemana, et al., 1995, Orphan Prevalence and Extended Family Care in a Peri-Urban Community in Zimbabwe, *AIDS Care*, vol. 7, no. 1, pp. 3-17.
- F0084 Fylkesnes, K., R. M. Musonda, N. P. Luo, et al., 1995, HIV Infection among Antenatal Women in Zambia: Results from 1994 and Indications on Trends 1990-94, IX International Conference on AIDS and STD in Africa, Kampala, Uganda, 12/10-14, Abstract WeC794.
- G0092 Goubau, P., K. Kazadi, H. Carton, et al., 1991, HTLV-1 in Zaire and its Relationship to HIV, VI International Conference on AIDS in Africa, Dakar, Senegal, 12/16-19, Poster T.A.159.
- G0123 Gayle, C., J. Farley, 1993, Trends in Patterns of Transmission Over 10 Years of the AIDS Epidemic in the English-Speaking Caribbean and Suriname, IX International Conference on AIDS, Berlin, 6/6-11, Poster PO-C06-2710.
- G0137 Guyana Ministry of Health AIDS Programme, 1993, PAHO/WHO HIV Surveillance, Feb. 1, Pan American Health Organization/World Health Organization.
- G0139 Grenada Ministry of Health, 1991, PAHO/WHO HIV Surveillance, Aug. 13, Pan American Health Organization/World Health Organization.
- G0140 Grenada Ministry of Health, 1991, PAHO/WHO HIV Surveillance, Apr. 25, Pan American Health Organization/World Health Organization.

- G0146 Gallin, M. Y., A. Z. Adams, E. A. C. Gbaguidi, et al., 1993, The Prevalence of Antibodies to HIV-1 and HIV 2 in Onchocerciasis-Endemic Rural Areas in Southern Benin, AIDS, vol. 7, no. 11, pp. 1534-1536.
- G0147 Garcia-Calleja, J. M., P. Ngoumou, A. Boupda, et al., 1992, HIV Seroprevalence Study among Commercial Sex Workers in Yaounde and Douala, AIDS Control Unit, Ministry of Health, Yaounde, Sept. 92.
- G0151 Garcia, M. L., J. L. Valdespino, S. Balandrano, et al., 1994, Multiresistant M. TB among Persons Living with HIV in Mexico, Tenth International Conference on AIDS, Yokohama, Japan, 8/7-12, Session 262C.
- G0161 Goh, C. L., 1995, Prevalence of Sexually Transmitted Disease among Commercial Sex Workers in Singapore (1977-1993) the Effects of Screening ..., IUVDT World STD/AIDS Congress, Singapore, 3/19-23, Roundtable Discussion 2.
- G0174 Ghys, P. D., M. O. Diallo, V. Ettiegné-Traore, et al., 1995, Genital Ulcers Associated with Human Immunodeficiency Virus-Related Immunosuppression in Female Sex Workers in Abidjan, ..., Journal of Infectious Diseases, vol. 172, no. 5, pp. 1371-1374.
- G0183 Gichangi, P. B., J. Ndinya-Achola, L. Haller, et al., 1996, HIV-1 Infection and Cefetamet-Pivoxil Use among Antenatal Clinic Attenders in Nairobi, Kenya, XI International Conference on AIDS, Vancouver, 7/7-14, Poster Tu.C.2688.
- G0184 Garcia, R., W. Klaskala, C. Angulo, et al., 1996, HIV and AIDS Surveillance in Colombia, XI International Conference on AIDS, Vancouver, 7/7-14, Poster Mo.C.1559.
- H0092 Hwa-Chen, L., 1993, Prevalence of HIV-1 and HIV-2 in STD Patients in Taipei, IX International Conference on AIDS, Berlin, 6/6-11, Abstract PO-C20-3087.
- H0106 Habi, G., A. Hassane, M. B. Amsagana, 1993, MST/SIDA: Enquete chez les Femmes Enceintes en Milieu Rural (Departement de Tahoua) Niger, VIII International Conference on AIDS in Africa, Marrakech, Morocco, 12/12-16, Poster Th.P.C.074.
- H0116 Hasan, M. A., 1994, Sexual Behaviour of Inhabitants of Cemeteries in Cairo, Tenth International Conference on AIDS, Yokohama, Japan, 8/7-12, Abstract 118D.
- H0117 Hawkes, S., H. Whittle, R. Jagne, et al., 1994, The Increase in HIV-1 Prevalence in Commercial Sex Workers (CSWs) in the Gambia, and Association with Other STDs Including ..., Tenth International Conference on AIDS, Yokohama, Japan, 8/7-12, Session 393C.
- I0028 Igua, A., A. Manlapig, E. Puiahi, et al., 1993, Papua New Guinea National HIV Reference Laboratory - Annual Report, 1992, Central Public Health Laboratory, February.
- J0028 Jeannel, D., B. Garin, 1992, HTLV-1 and HIV in the Republic of Guinea and in Inongo, Zaire, VII International Conference on AIDS in Africa, Yaounde, Cameroon, 12/8-11, Poster W.RT.Jeannel.
- J0044 Jalal, F., H. M. Abednego, T. Sadjimin, et al., 1994, HIV and AIDS in Indonesia, AIDS, vol. 8, suppl. 2, pp. S91-S94.
- J0056 Joao, E. C., J. Menezes, O. Resende, et al., 1996, HIV Testing for Pregnant Women in a Public Maternity Hospital Located in Inner City Rio de Janeiro, Brazil, XI International Conference on AIDS, Vancouver, 7/7-14, Abstract Tu.C.2571.
- K0096 Kanyama, I. D. A., 1991, Sentinel Surveillance of HIV Infection in Northern Zambia, VII International Conference on AIDS, Florence, Italy, 6/16-21, Abstract M.C.3301.
- K0200 Kiviat, N., D. Ba, A. Coll Seck, et al., 1995, Prevalence of STDs Including HIV among Women Presenting a Family Planning Clinic in Dakar, IX International Conference on AIDS and STD in Africa, Kampala, Uganda, 12/10-14, Abstract TuC611.
- K0205 Kimball, A. M., R. Gonzalez, R. Calderon, et al., 1991, The AIDS Pandemic in the Americas: Using Surveillance Information to Reinforce National Control Programs, VII International Conference on AIDS, Florence, Italy, 6/16-21, Abstract M.D.4294.
- K0209 Kosia, A., D. Williams, M. Fofanah, 1995, Condom Use and Promotion among the Low Income Prostitutes, IX International Conference on AIDS and STD in Africa, Kampala, Uganda, 12/10-14, Abstract Web881.
- K0220 Kywe, B., M. Thwe, H. Naing, et al., 1996, HIV Sentinel Surveillance 1992-1995 and Development of an Estimate of Total HIV Infections in Myanmar, XI International Conference on AIDS, Vancouver, 7/7-14, Abstract Mo.C.200.
- K0233 Kaluwa, O. L., H. G. Feluzi, A. C. Songwe, et al., 1995, 1995 Sentinel Surveillance Report, National AIDS Control Programme, Lilongwe, Malawi, unpublished reports.
- L0156 Lee, S. S., W. L. Lim, S. H. Lee, et al., 1994, Epidemiology of HIV Infection in Hong Kong, Tenth International Conference on AIDS, Yokohama, Japan, 8/7-12, Poster P.C.0070.
- L0201 Latif, A. S., 1995, A Report on a Study to Determine the Aetiology and Pattern of STD amongst Men and Women Presenting to Health Centres in ..., University of Zimbabwe Medical School, Dept. of Medicine, September STD report, unpublished.
- L0202 Laboratoire National de Reference, 1995, Enquetes de Serosurveillance de la Syphilis et de l'Infection a VIH, Ministere de la Sante, Republique de Madagascar, May-August report, unpublished.
- L0223 Laboratorio Nacional de Referencia, 1992, PAHO/WHO HIV Surveillance, January - September, PAHO/WHO.
- M0186 Modan, B., R. Goldschmidt, E. Rubinstein, et al., 1992, Prevalence of HIV Antibodies in Transsexual and Female Prostitutes, American Journal of Public Health, vol. 82, no. 4, pp. 590-592.
- M0205 Mejia, C., M. Samcam, E. Quinonez, et al., 1992, Human Immunodeficiency Virus (HIV) Infection in Guatemala, VIII International Conference on AIDS, Amsterdam, 7/19-24, Abstract PuC 8137.
- M0243 Mungai, J. N., J. Ombette, J. Kimani, et al., 1992, Laboratory Findings for the Prevalence of HIV, Neisseria Gonorrhoea and Chlamydia Trachomatis Infections among Prostitutes ..., VII International Conference on AIDS in Africa, Yaounde, Cameroon, 12/8-11,

- M0265 Minister of Public Health, 1993, Serosurveillance Report of HIV Infection, Republic of Zaire, National Control Programme Against AIDS, Central Coordination Bureau, BCC/SIDA, Official Report.
- M0266 Ministry of Public Health & Social Affairs, 1992, WHO Report on AIDS Surveillance, SFI/GPA/WHO/11.8, Official Report.
- M0278 Montserrat Health Department, 1993, PAHO/WHO HIV Surveillance, Feb. 3, Pan American Health Organization/World Health Organization.
- M0279 Montserrat Health Department, 1992, PAHO/WHO HIV Surveillance, Nov. 10, Pan American Health Organization/World Health Organization.
- M0280 Montserrat Health Department, 1992, PAHO/WHO HIV Surveillance, June 2, Pan American Health Organization/World Health Organization.
- M0309 Ministry of Health (Lao People's Democratic Republic), 1993, Second Quarterly Report: April - June 1993, National Committee for the Control of AIDS (NCCA), Vientiane, August, unpublished report.
- M0314 Maayan, S., E. Shinar, M. Aefani, et al., 1993, HIV/AIDS among Palestinians in the West Bank & Gaza, VIII International Conference on AIDS in Africa, Marrakech, Morocco, 12/12-16, Poster T.P.C.097.
- M0326 Muloko, N., S. Ossari, A. Lefandi, et al., 1993, Evolutivite du HIV-1 et HIV-2 dans une Zone de Forte Prevalence HTLV, VIII International Conference on AIDS in Africa, Marrakech, Morocco, 12/12-16, Poster T.P.A.022.
- M0331 Maiga, Y. I., Z. Sissoko, et al., 1993, Etude de la Seroprevalence de l'Infection a VIH dans les 7 Regions Economiques du Mali, VIII International Conference on AIDS in Africa, Marrakech, Morocco, 12/12-16, Session M.O.P.055.
- M0333 M'Pele, P., J. Loukaka, T. Guerma, 1991, La Surveillance de l'Infection a VIH a Brazzaville, Option, vol. 1, pp. 69-73.
- M0334 Ministry of Public Health (Guinee), 1991, Bulletin de Liaison No. 8, Bureau de Coordination du Comite MST-SIDA Rez-de-Chaussee du Laboratoire du Service de la Prevention Face 2 Octobre B. P.: 3820 - Conakry Guinee, unpublished document.
- M0340 Mugrditchian, D., 1994, Mongolia Trip Report, AIDSCAP Family Health International, pp. 1-15.
- M0371 Mayorga, R., L. Ramirez, E. Solorzano, et al., 1994, Genital Ulcerative Disease and Incidence of HIV Infection in Patients Visiting an STD Clinic in Guatemala, Tenth International Conference on AIDS, Yokohama, Japan, 8/7-12, Poster P.C.0573.
- M0375 Matke, P., M. Grunitzky-Bekele, E. Klee, 1994, Sentinel Surveillance among Pregnant Women in Northern Togo during 1992 and 1993, Tenth International Conference on AIDS, Yokohama, Japan, 8/7-12, Poster P.C.0051.
- M0391 Ministry of Health and Social Welfare Kingdom of Lesotho, 1993, HIV Sentinel Surveillance Report, National STD/AIDS Prevention and Control Program, World Health Organization, report.
- M0394 Ministry of Health, 1993, Etude de Prevalence des Maladies Sexuellement Transmissibles et des Infections a VIH au Niger, Republique du Niger, Ministere de la Sante Publique, Niamey, Octobre, rapport final.
- M0420 Mboup, S., et al., 1994, Surveillance Sentinelle de Infections o HIV, Bulletin Epidemiologique HIV, December, no. 5, pp. 1-24.
- M0433 Mason, P., S. Ray, C. Mapushere, et al., 1995, Use of Female and Male Condoms by Commercial Sex Workers: Impact on STD Transmission, IX International Conference on AIDS and STD in Africa, Kampala, Uganda, 12/10-14, Poster TuC614.
- M0436 Ministry of Health, 1995, HIV/STD Sentinel Surveillance: 1994, Disease Control Unit, Ministry of Health, Accra, Ghana, March, unpublished report.
- M0442 Ministry of Health, 1996, HIV Sentinel Surveillance: 1995, Disease Control Unit, Ministry of Health, Accra, Ghana, April, unpublished report.
- M0447 Ministry of Health, 1996, STD/HIV/AIDS the Brazilian Response, Ministry of Health, Secretariat for Health Care, National Program on Sexually Transmitted Diseases and AIDS, June report.
- M0450 Ministere de la Sante Publique, 1995, Etude de Prevalence des Maladies Sexuellement Transmissibles et des Infections a VIH au Burkina Faso, Burkina Faso, Ministere de la Sante Publique, Quagadougou, July, final report, unpublished.
- M0452 Ministere de la Sante de la Solidarite et des Personnes Agees, 1995, Etude de Prevalence des Maladies Sexuellement Transmissibles et des Infections a VIH au Mali, Republique du Mali, Ministere de la Sante de la Solidarite et des Personnes Agees, Bamako, A
- M0470 Manhart, L. E., A. Zidouh, K. Holmes, et al., 1996, Sexually Transmitted Disease (STD) in Three Types of Health Clinics in Morocco: Prevalence, Risk Factors, and Syndromic ..., XI International Conference on AIDS, Vancouver, 7/7-14, Poster Mo.C.1627.
- M0471 Messele, T., T. F. Rinke de Wit, A. Dejene, et al., 1996, Estimation of Age and Gender-Specific HIV-1 Seroprevalence in the Urban Community Setting of Addis Ababa, Ethiopia, XI International Conference on AIDS, Vancouver, 7/7-14, Poster Mo.C.1476.
- M0473 Msamanga, G. I., E. Urassa, D. Spiegelman, et al., 1996, Socioeconomic Status and Prevalence of HIV Infection among Pregnant Women in Dar es Salaam, Tanzania, XI International Conference on AIDS, Vancouver, 7/7-14, Poster Tu.C.2464.
- M0480 Mian, M. A. H., M. A. Kabir, K. Begum, 1996, Comparative Analysis of Point Prevalence of the Different Types of STD in ICSW and FCSW, XI International Conference on AIDS, Vancouver, 7/7-14, Abstract Pub.B.1048
- M0484 Martin, R. Z., F. Machado, F. Rolo, et al., 1996, Present Status of the Perinatal Transmission of HIV in Cuba. Importance of the Diagnosis in Pregnant Women, XI International Conference on AIDS, Vancouver, 7/7-14, Abstract Tu.C.2602.

- M0487 Merchant, R., J. K. Maniar, J. Karkare, 1996, AIDS: Women are Captive Partners, AIDS Weekly, pp. 18-20.
- M0488 Ministry of Health, National AIDS Control Programme, 1996, National HIV Sentinel Survey - 1996, Ministry of Health and Social Services, Nambia, October report.
- M0494 Macdonald, D. S., 1996, Notes on the Socio-Economic and Cultural Factors Influencing the Transmission of HIV in Botswana, Social Science and Medicine, vol. 42, no. 9, pp. 1325-1333.
- M0495 Monteith, D., 1996, The Review of HIV/STD Program of the Health Sector II Project, Honduras AIDSCAP Project, Health Technical Services, Project, September report, sited by Patricio Murgueytio, PASCA, personal memo.
- N0083 NACP/MOH (Ethiopia), 1992, Surveillance and Research Activities on HIV/AIDS: Activities Accomplished So Far in Ethiopia, 1984-1991, Ethiopia NACP/MOH data, unpublished report.
- N0110 Nicaragua, 1991, PAHO/WHO HIV Surveillance, Pan American Health Organization/World Health Organization.
- N0168 Ntawiniga, P., V. Leroy, C. Gazille-Rugema, et al., 1995, High Seroprevalence of HIV Infection and Syphilis among Pregnant Women: Kigali, Rwanda, May 1995, IX International Conference on AIDS and STD in Africa, Kampala, Uganda, 12/10-14, Poster TuB573.
- N0176 National AIDS/HIV/STD Control Programme, 1995, 1993/94 Sentinel Sero-Prevalence Surveillance Report, National AIDS/HIV/STD Control Programme, Federal Ministry of Health and Social Services, unpublished report.
- N0178 Naing, S., R. Mandevu, T. Pilatwe, et al., 1995, Fourth HIV Sentinel Surveillance in Botswana, NACP, NACA, Ministry of Health, Private Bag 00451, Gaborone, Botswana, August, unpublished report.
- N0179 National AIDS Control Program, 1996, HIV/AIDS Status, FAX Ministry of Health and Social Affairs, Argentina
- N0182 Nguyen, T. H., K. C. Pham, T. N. Hoang, et al., 1996, HIV Sentinel Surveillance in Vietnam, XI International Conference on AIDS, Vancouver, 7/7-14, Poster Mo.C.1521.
- N0184 Nzila, N., B. Malele, M. Kivuvu, et al., 1996, HIV and Syphilis Infections in Female Prostitutes between 1988 and 1995 in Kinshasa, Zaire, XI International Conference on AIDS, Vancouver, 7/7-14, Abstract Tu.C.2684.
- O0051 Ocheng, D., A. Msauka, C. Mbuya, et al., 1993, Prevalence of Sexually Transmitted Diseases (STDs) in Females at 7 Truck Stops in Tanzania, VIII International Conference on AIDS in Africa, Marrakech, Morocco, 12/12-16, Poster Th.P.C.070.
- O0053 O'Leary, M., W. I. Van der Meijden, C. Malau, et al., 1992, HIV Serosurveillance in Papua New Guinea, Papua New Guinea Department of Health, Port Moresby, Papua New Guinea, draft paper.
- O0063 Osuga, K., C. Chang, 1994, AIDS in the Pacific Islands, AIDS, vol. 8, suppl. 2, pp. S111-S116.
- O0083 O' Donovan, D., K. Ariyoshi, L. Yamuah, et al., 1996, Perinatal Transmission of HIV-2 in the Gambia, West Africa, XI International Conference on AIDS, Vancouver, 7/7-14, Poster Tu.C.2577.
- P0074 Pyndiah, N., C. Chan Kam, B. Jowaheer, et al., 1991, Prevalence of HIV/AIDS in Mauritius, VII International Conference on AIDS, Florence, Italy, 6/16-21, Poster M.C.3285.
- P0122 Prasongsith, B. C., P. Blanche, K. Phouvang, et al., 1994, HIV Infection in Lao Republic, Tenth International Conference on AIDS, Yokohama, Japan, 8/7-12, Poster P.C.0084.
- P0142 Paz, A. A., Comision Nacional del SIDA, 1995, PAHO/WHO HIV Surveillance, May 31, PAHO/WHO.
- P0144 Pakistan HIV Seroprevalence Study Group, 1996, HIV Seroprevalence Survey in Pakistan, AIDS, vol. 10, no. 8, pp. 926-927.
- P0156 PROCETS, SESPAS, 1995, PAHO/WHO HIV Surveillance, April 15, PAHO/WHO.
- P0157 PROCETS, SESPAS, 1996, PAHO/WHO HIV Surveillance, April 15, PAHO/WHO.
- P0162 Penna, M., 1996, Panama HIV/AIDS Summary Report, Sited by Patricio Murgueytio, PASCA, personal memo.
- Q0009 Quinti, I., E. Renganathan, E. El Ghazzawi, et al., 1995, Seroprevalence of HIV and HCV Infections in Alexandria, Egypt, Zentralblatt Fur Bakteriologie, vol. 283, no. 2, pp. 239-244.
- R0051 Rodier, G., E. Fox, D. Watts, et al., 1991, A Dramatic Increase in the Prevalence of HIV Infection in Djibouti, VII International Conference on AIDS, Florence, Italy, 6/16-21, Poster M.C.3031.
- R0090 Riedner, G., Y. Hemed, F. Minja, et al., 1993, The Use of Serologic Trends of HIV and Syphilis for the Evaluation of the Mbeya Regional ACP Tanzania 1986-1992, IX International Conference on AIDS, Berlin, 6/6-11, Poster PO-C29-3263.
- R0099 Redouane, A., S. Sekkat, S. Hamdani, et al., 1993, Etude de la Transmission Materno-Foetale de l'Infection par VIH, VIII International Conference on AIDS in Africa, Marrakech, Morocco, 12/12-16, Poster M.P.C.095.
- R0104 Reyes, O., M. Baquerizo, N. Hearst, et al., 1994, HIV Sentinel Serosurveillance in STD Patients. Ecuador, 1991-93., Tenth International Conference on AIDS, Yokohama, Japan, 8/7-12, Poster P.C.0561.
- R0117 Remy, G., 1993, Image Geographique de l'Infection a VIH 1 en Afrique Centrale: Des Discontinuites Remarquables, Annales de la Societe Belge de Medecine Tropicale, vol. 73, no. 2, pp. 127-142.
- R0122 RSA Department of National Health, 1994, The HIV/AIDS Epidemic in Neighbouring Countries, Epidemiological Comments, vol. 21, no. 11, p. 228.
- R0123 RSA Department of National Health, 1994, HIV Sentinel Surveillance, Epidemiological Comments, vol. 21, no. 11, pp. 230-231.
- R0131 RSA Department of Health, 1995, Fifth National HIV Survey in Women Attending Antenatal Clinics of the Public Health Services in South Africa, Oct./Nov. 1994, Epidemiological Comments, vol. 22, no. 5, pp. 90-100.

- R0143 Rasamindrakotroka, A., R. Andriamahenina, F. Behets, et al., 1996, High Syphilis and Low but Rising HIV Seroprevalence Rates in Madagascar, XI International Conference on AIDS, Vancouver, 7/7-14, Poster Mo.C.1488.
- S0215 Singh, S., N. Crofts, 1993, HIV Infection among Injecting Drug Users in North-East Malaysia, *AIDS Care*, vol. 5, no. 3, pp. 273-281.
- S0217 Saint Lucia STD/HIV Prevention Programme, 1992, PAHO/WHO HIV Surveillance, June 30, Pan American Health Organization/World Health Organization.
- S0218 Saint Lucia STD/HIV Prevention Programme, 1992, PAHO/WHO HIV Surveillance, Pan American Health Organization/World Health Organization.
- S0220 Saint Lucia STD/HIV Prevention Programme, 1993, PAHO/WHO HIV Surveillance, Jan. 10, Pan American Health Organization/World Health Organization.
- S0221 Saint Lucia STD/HIV Prevention Programme, 1992, PAHO/WHO HIV Surveillance, Oct. 8, Pan American Health Organization/World Health Organization.
- S0227 St. Kitts & Nevis Ministry of Health & Women's Affairs, 1992, PAHO/WHO HIV Surveillance, Apr. 14, Pan American Health Organization/World Health Organization.
- S0234 St. Vincent & the Grenadines Public Health Department, 1992, PAHO/WHO HIV Surveillance, Apr. 13, Pan American Health Organization/World Health Organization.
- S0235 St. Vincent & the Grenadines Public Health Department, 1992, PAHO/WHO HIV Surveillance, July 21, Pan American Health Organization/World Health Organization.
- S0236 St. Vincent & the Grenadines Public Health Department, 1992, PAHO/WHO HIV Surveillance, Oct. 5, Pan American Health Organization/World Health Organization.
- S0241 St. Kitts & Nevis Ministry of Health & Women's Affairs, 1993, PAHO/WHO HIV Surveillance, Jan. 29, Pan American Health Organization/World Health Organization.
- S0242 St. Kitts & Nevis Ministry of Health & Women's Affairs, 1992, PAHO/WHO HIV Surveillance, Oct. 27, Pan American Health Organization/World Health Organization.
- S0258 Soga, G., A. Hassane, A. Aboubacar, et al., 1993, Etude de Prevalence des Infections Sexuellement Transmises (IST) chez les Prostituees a Niamey, Niger, VIII International Conference on AIDS in Africa, Marrakech, Morocco, 12/12-16, Session T.R.T.024.
- S0294 Sandala, L, P. Lurie, M. R. Sunkutu, et al., 1995, "Dry Sex" and HIV Infection among Women Attending a Sexually Transmitted Diseases Clinic in Lusaka, Zambia, *AIDS*, vol. 9, suppl. 1, S61-S68.
- S0301 Shin, Y., S. J. Hur, S. S. Kim, et al., 1994, Human Immunodeficiency Virus (HIV) Epidemiological Trends among Risk Groups in Korea, Tenth International Conference on AIDS, Yokohama, Japan, 8/7-12, Session 041C.
- S0315 Sam-Abbenyi, A., 1994, Report on HIV-1 Sentinel Surveillance System in Cameroon 1994, Ministry of Public Health, Republic of Cameroon, AIDS Control Unit, Epidemiology Section, report.
- S0316 Skalsky, J., P. M. Ndumbe, the Manyemen HIV/AIDS Team, 1993, Characteristics of HIV/AIDS Patients Attending a Rural Hospital in Cameroon, *Annales de la Societe Belge de Medecine Tropicale*, vol. 73, no. 3, pp. 209-216.
- S0367 Sole Pla, M. A., K. R. Sanches, A. H. Matida, et al., 1996, HIV1 Infection Surveillance among STD Patients in Rio de Janeiro, Brazil, XI International Conference on AIDS, Vancouver, 7/7-14, Abstract Pub.C.1158.
- S0389 Suarez, R. G., Ministerio de Salud Publica, 1994, PAHO/WHO HIV Surveillance, August 8, PAHO/WHO.
- S0391 Suvedi, B. K., J. Baker, S. Thapa, 1994, HIV/AIDS in Nepal: An Update, *Journal of the Nepal Medical Association*, vol. 32, no. 111, pp. 204-213.
- T0125 Tan, M. L., M. M. Dayrit, 1994, HIV/AIDS in the Philippines, *AIDS*, vol. 8, suppl. 2, pp. S125-S130.
- T0130 Tswana, S. A., L. Nystrom, S. R. Moyo, et al., 1995, Hospital-Based Study of Sexually Transmitted Diseases at Murewa Rural District Hospital, Zimbabwe 1991-1992, *Sexually Transmitted Diseases*, vol. 22, no. 1, pp. 1-6.
- T0137 Thwe, M., B. Kywe, S. Lwin, et al., 1995, HIV Surveillance in Myanmar, 1985-1995, 3rd International Conference on AIDS in Asia and the Pacific, Chiang Mai, Thailand, 9/17-21, Poster PB104.
- T0139 Tanzania Ministry of Health, 1995, National AIDS Control Programme HIV/AIDS/STD Surveillance, Surveillance report no. 9, December 1994, Epidemiology Unit, NACP.
- T0145 Thailand Ministry of Health, 1995, National Sentinel Surveillance, June, unpublished tables.
- U0027 U.S. Department of State, 1994, AIDS in the Central African Republic, Unclassified Cable, April, Bangui 001505.
- V0058 Vera, E., M. Cabral, R. Jimenez, et al., 1992, The First Study of HIV, HBV and Syphilis in Pregnant Women in Paraguay, VIII International Conference on AIDS, Amsterdam, 7/19-24, Poster PoC 4068.
- W0076 WHO/SEARO, AIDS Unit, 1992, HIV Infection/AIDS and Sexually-Transmitted Diseases, *Bulletin of Regional Health Information*, SEA/HS/186, pp. 65-70.
- W0082 Wilkins, A., D. Ricard, J. Todd, et al., 1993, The Epidemiology of HIV Infection in a Rural Area of Guinea Bissau, *AIDS*, vol. 7, no. 8, pp. 1119-1122.
- W0094 Weis, P., C. Masheisha, G. Sahimuller, et al., 1994, Assessing Trends of the HIV Epidemic in Western Uganda, Tenth International Conference on AIDS, Yokohama, Japan, 8/7-12, Poster P.C.0041.
- W0097 Wang, G. R., C. H. Shih, C. Y. Chuang, 1994, Present Status and Prevalence of HIV Infection in Taiwan, January 1994, Tenth International Conference on AIDS, Yokohama, Japan, 8/7-12, Poster P.C.0069.
- W0112 World Health Organization Western Pacific Region, 1995, HIV and AIDS in the Western Pacific Region, *AIDS Surveillance Report*, no. 6, pp. 1-3.

- W0115 Whiteside, H., T. Barnett, 1996, Social and Economic Factors Crucial in Defining the Spread and Effect of HIV, *AIDS Analysis Asia*, vol. 2, no. 4, pp. 8-9.
- W0119 Wellfens, E. C., P. Msellati, G. Tanoh, et al., 1996, HIV Testing among African Pregnant Women in the Context of a Tolerance Study on AZT in Abidjan, Cote d'Ivoire, XI International Conference on AIDS, Vancouver, 7/7-14, Poster Tu.C.2457.
- W0122 Winsbury, R., 1996, Aiding Refugees in the Aftermath of Civil War, *AIDS Analysis Africa*, vol. 6, no. 5, p. 3.
- Y0022 Yilmaz, G., S. Turkoglu, N. Isik, et al., 1994, Prevalence of HIV Infection among Blood Donors in Istanbul, Turkey, Tenth International Conference on AIDS, Yokohama, Japan, 8/7-12, Poster P.C.0391.
- Z0022 Zahraoui, M., F. Denis, K. Marhoum, et al., 1991, Etude de la Seroprevalence des Virus HTLV-1, HIV-1, HIV-2 et Herpes 6 Virus (HHV6) au Maroc, VI International Conference on AIDS in Africa, Dakar, Senegal, 12/16-19, Abstract T.A.143.
- Z0041 Zewdie, D., Y. Sisay, D. Kebede, et al., 1992, HIV Infection in Ethiopian Blood Donors: Prevalence, Trends and Future Projections, *Ethiopian Journal of Health Development*, vol. 6, no. 2, pp. 1-8.
- Z0045 Zekeng, L., L. Gurtler, E. Afane Ze, et al., 1994, Prevalence of HIV-1 Subtype O Infection in Cameroon: Preliminary Results, *AIDS*, vol. 8, no. 11, pp. 1626-1628.