

**RECENT HIV SEROPREVALENCE LEVELS
BY COUNTRY: JANUARY 1998**

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

**Research Note
No. 24
January 1998**

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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 24th 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.

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

This note was prepared by the staff of the Health Studies Branch--Jinkie Corbin, Anne Ross, Peggy Seybolt, Lisa Mayberry, and Jack Gibson and edited by Karen A. Stanecki Chief, Health Studies Branch. Comments and questions regarding this study should be addressed to Karen A. Stanecki (kstaneck@census.gov) or Peter O. Way, International Programs Center, Population Division, Bureau of the Census, Washington, D.C. 20233-8860; telephone (301) 457-1406.

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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 1998

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 from various workshops and reviewing the scientific literature for relevant information. Currently, the *HIV/AIDS Surveillance Data Base* contains about 36,600 individual data records drawn from 4,054 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 outside major cities for all developing countries. Tables are provided for HIV-1 and HIV-2, where available. Regional maps for Africa, Asia and Oceania, and Latin America showing the geographic distribution of HIV prevalence among pregnant women and sex workers are also included. A brief review of data quality issues and discussion of selection criteria follows. We recognize the somewhat arbitrary nature of this selection and welcome comments.

Data Quality and Qualifications

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

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.

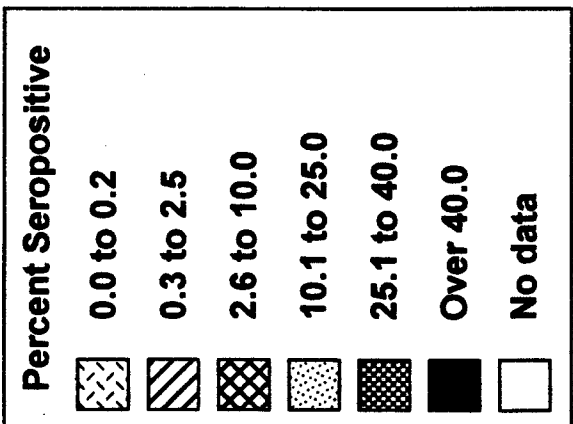
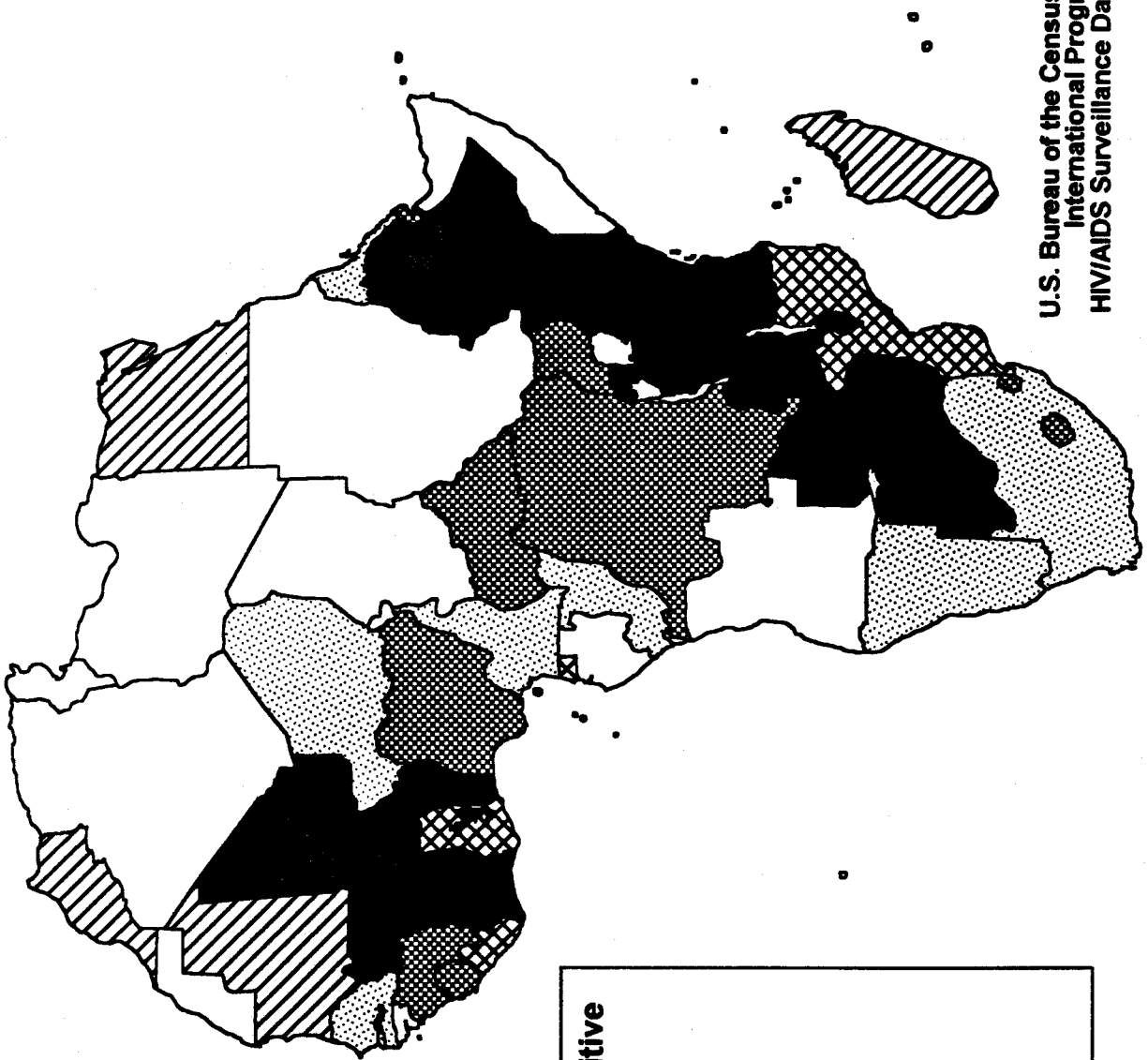
Data were selected using criteria of sample size, recency of data, presence of two diagnostic tests, and minimal evident bias in sample selection, given the target population. Since each figure is based on a single study, it is not an average or composite figure. As yet, there are insufficient comparable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

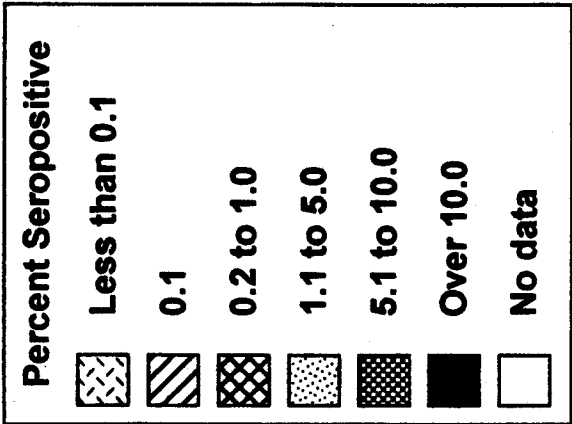
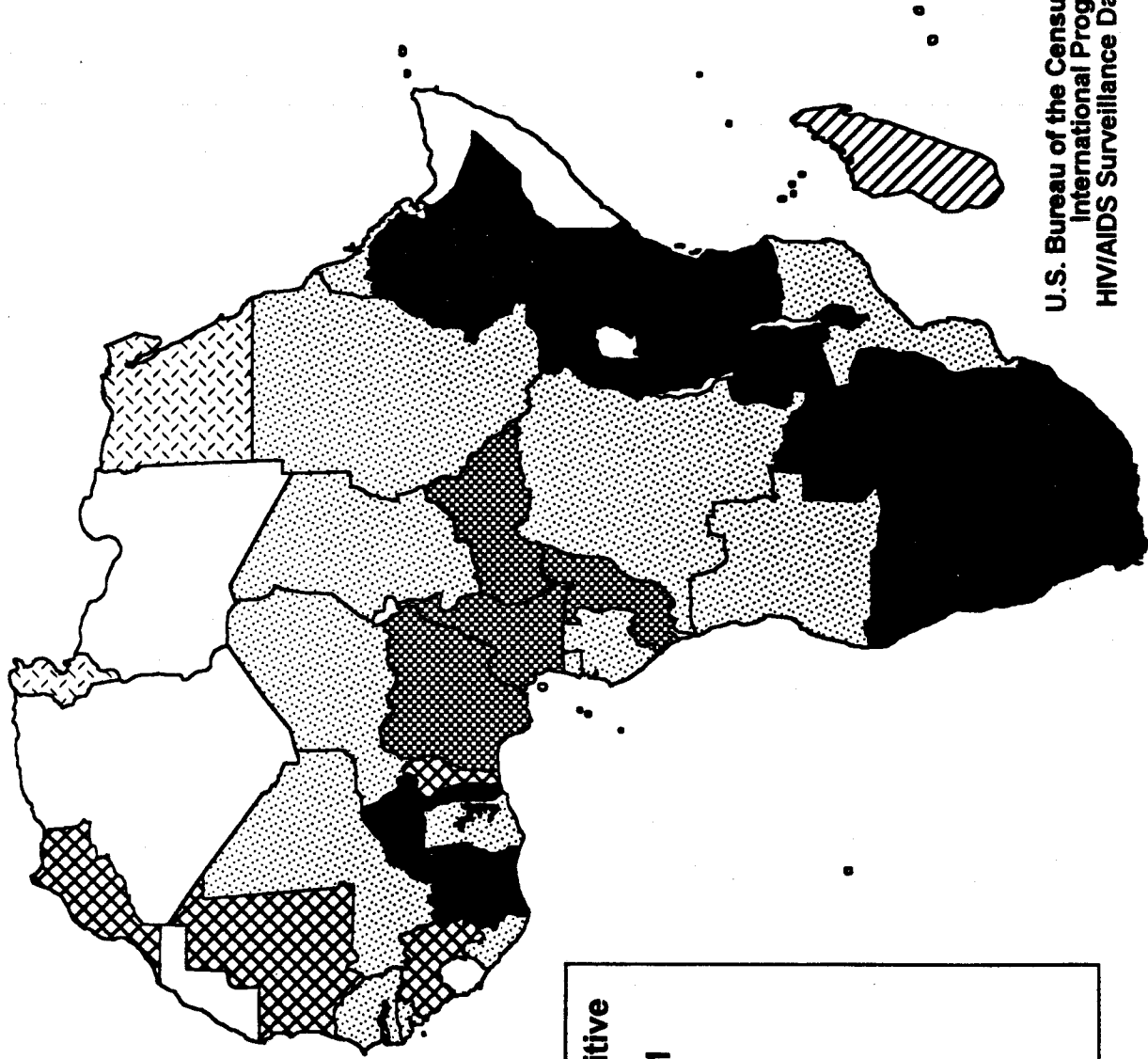
We welcome comments and suggestions from users of the data base. We also welcome copies of articles or references to information which may have been overlooked.

African HIV-1 Seroprevalence for High-Risk Urban Populations



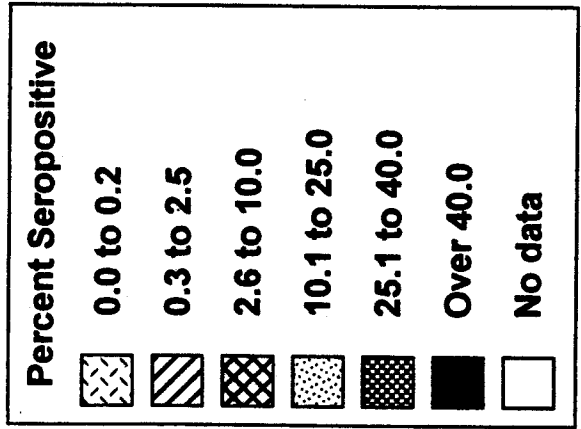
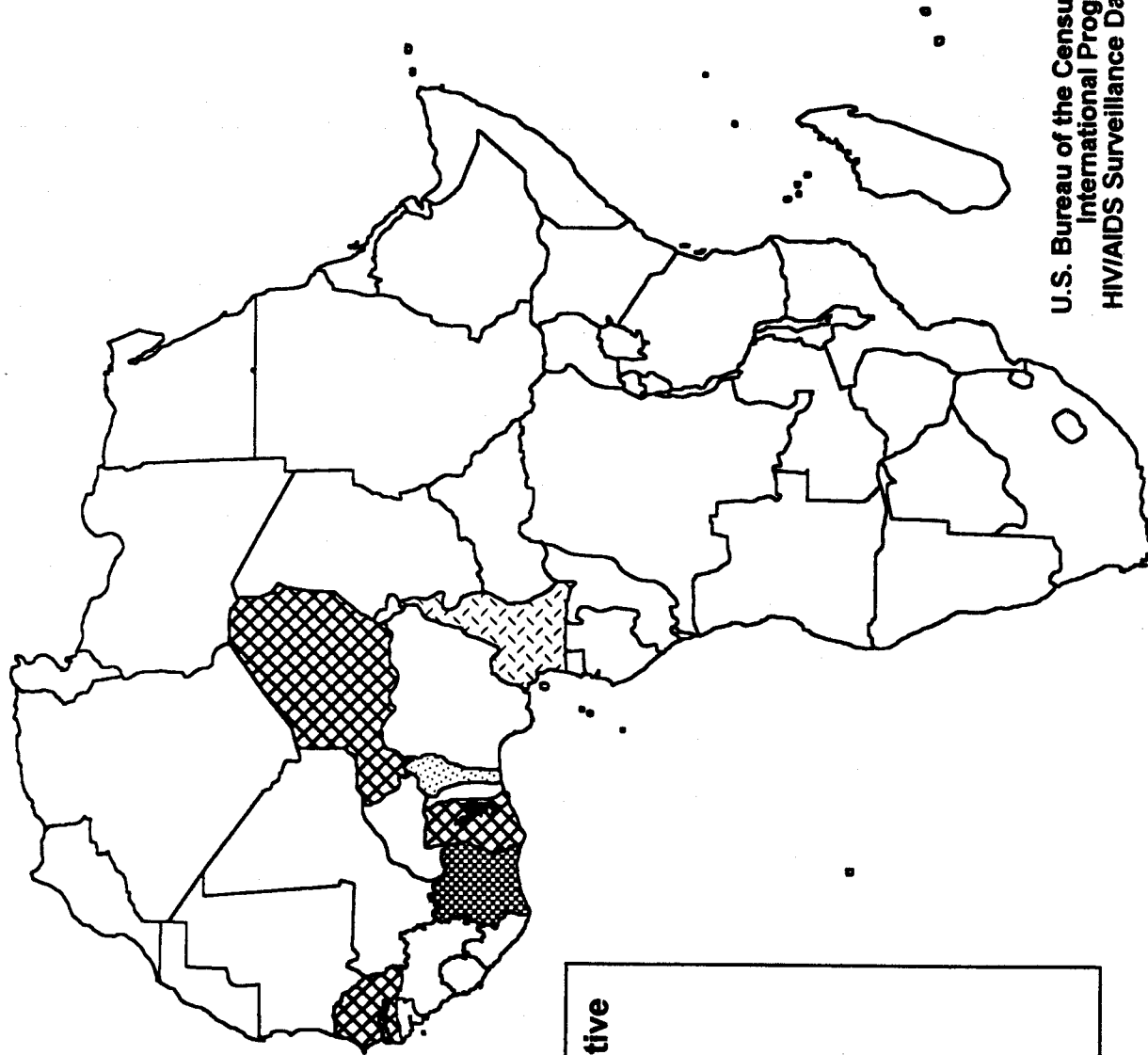
U.S. Bureau of the Census, Population Division,
 International Programs Center,
 HIV/AIDS Surveillance Data Base, January 1998. 5

African HIV-1 Seroprevalence for Low-Risk Urban Populations



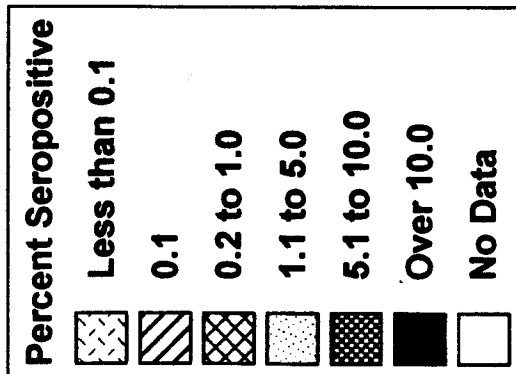
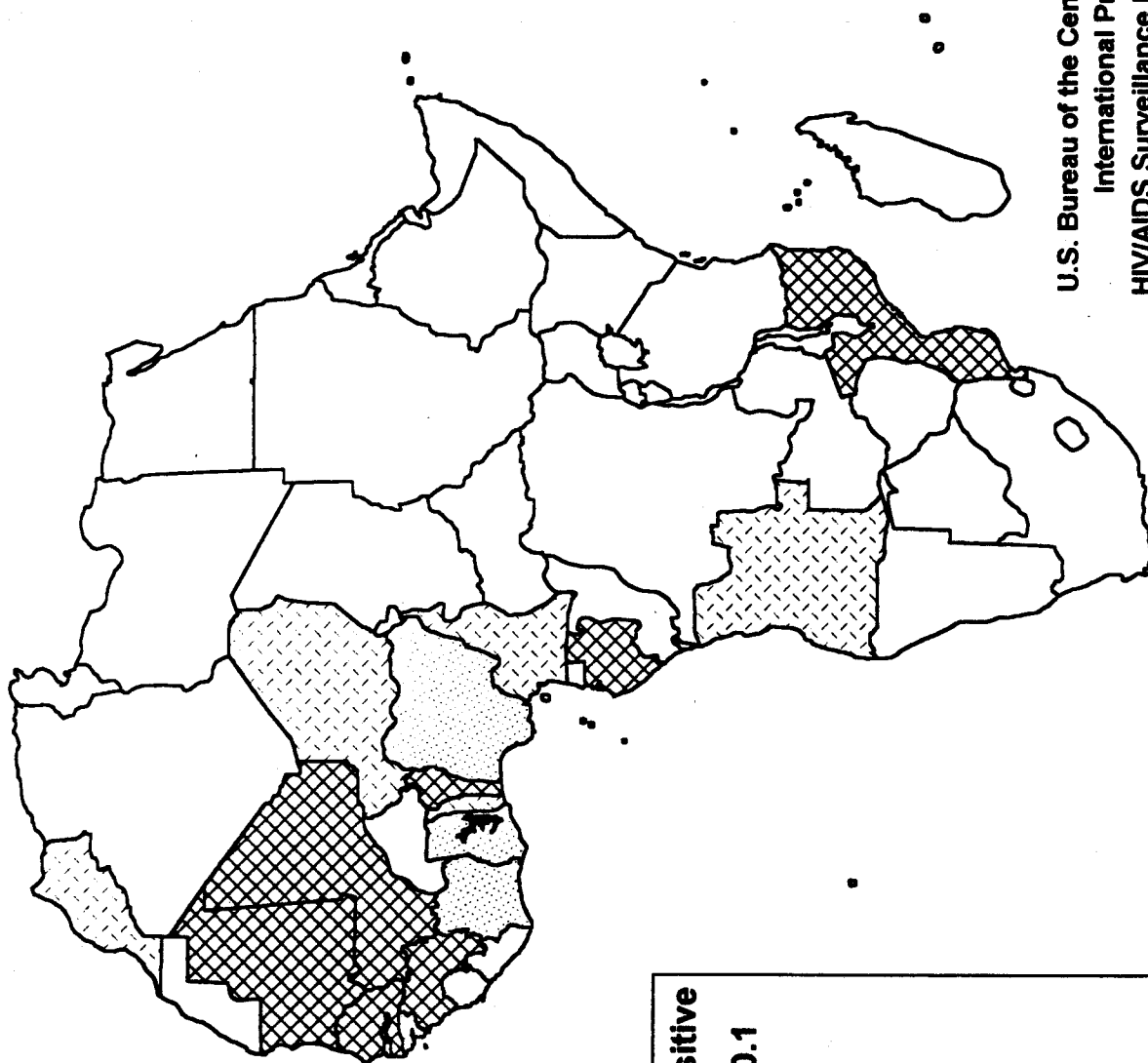
U.S. Bureau of the Census, Population Division,
International Programs Center,
HIV/AIDS Surveillance Data Base, January 1996.

African HIV-2 Seroprevalence for High-Risk Urban Populations



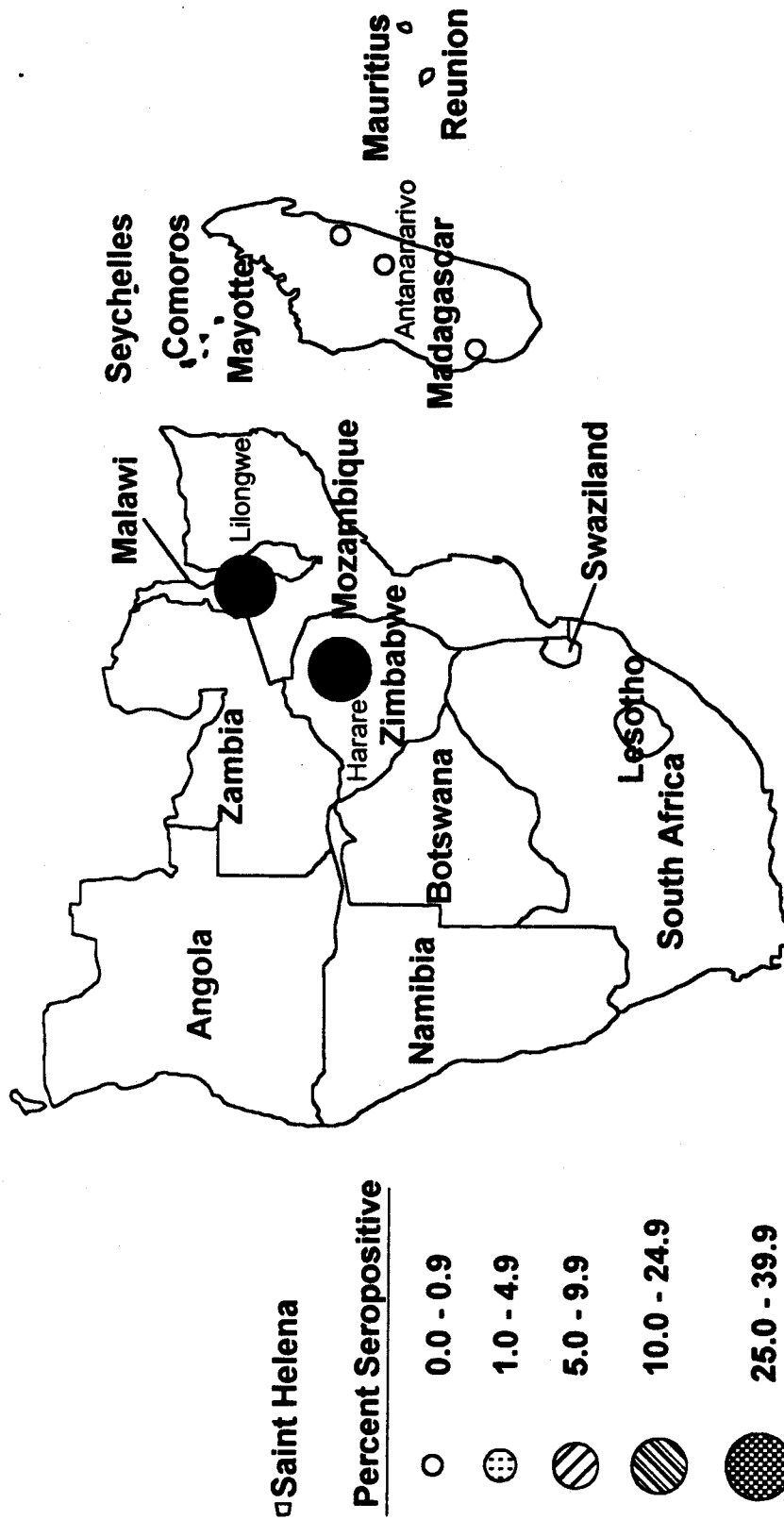
U.S. Bureau of the Census, Population Division,
International Programs Center,
HIV/AIDS Surveillance Data Base, January 1998. ©

African HIV-2 Seroprevalence for Low-Risk Urban Populations



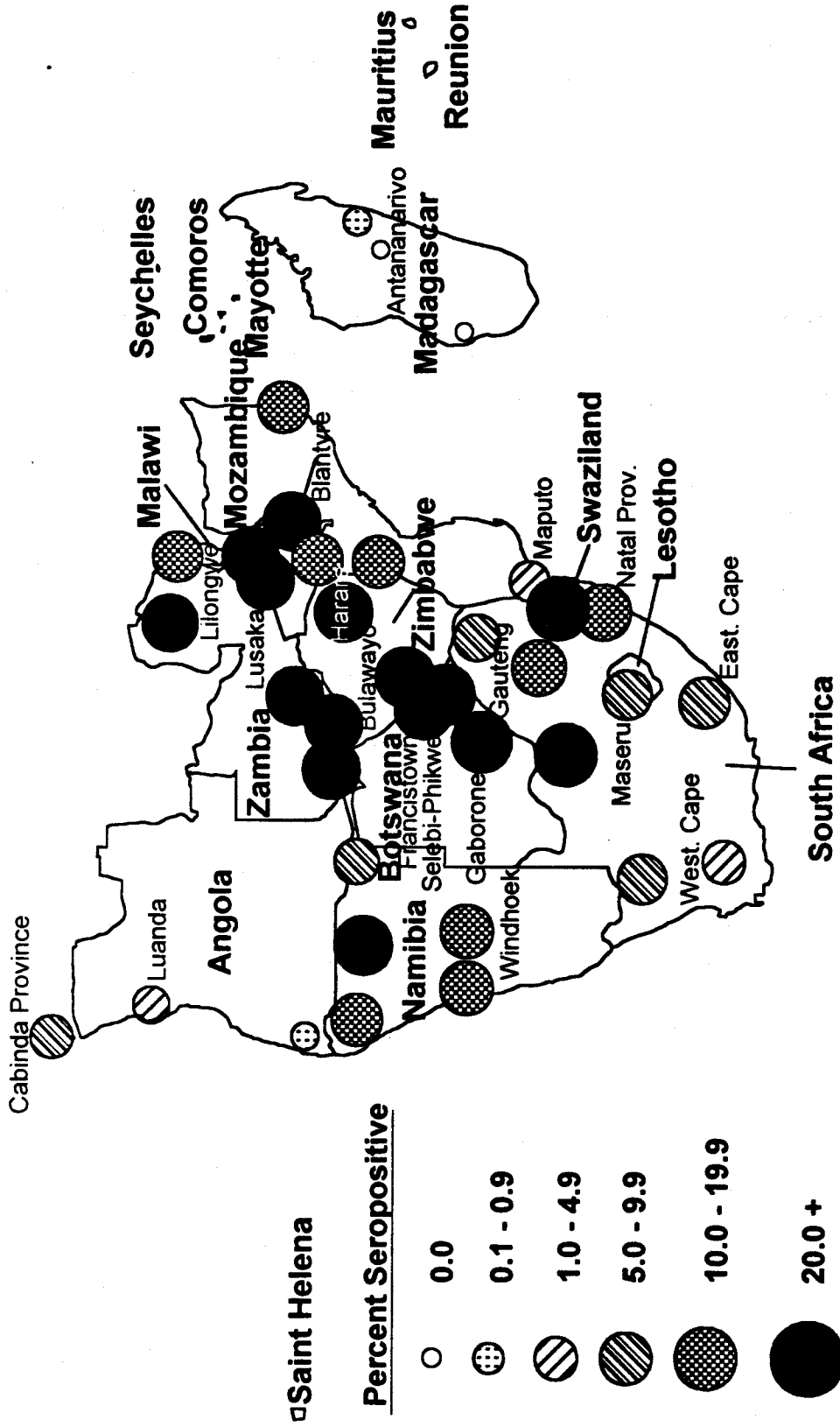
U.S. Bureau of the Census, Population Division,
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HIV/AIDS Surveillance Data Base, January 1998.

Seroprevalence of HIV-1 for Sex Workers Southern Africa



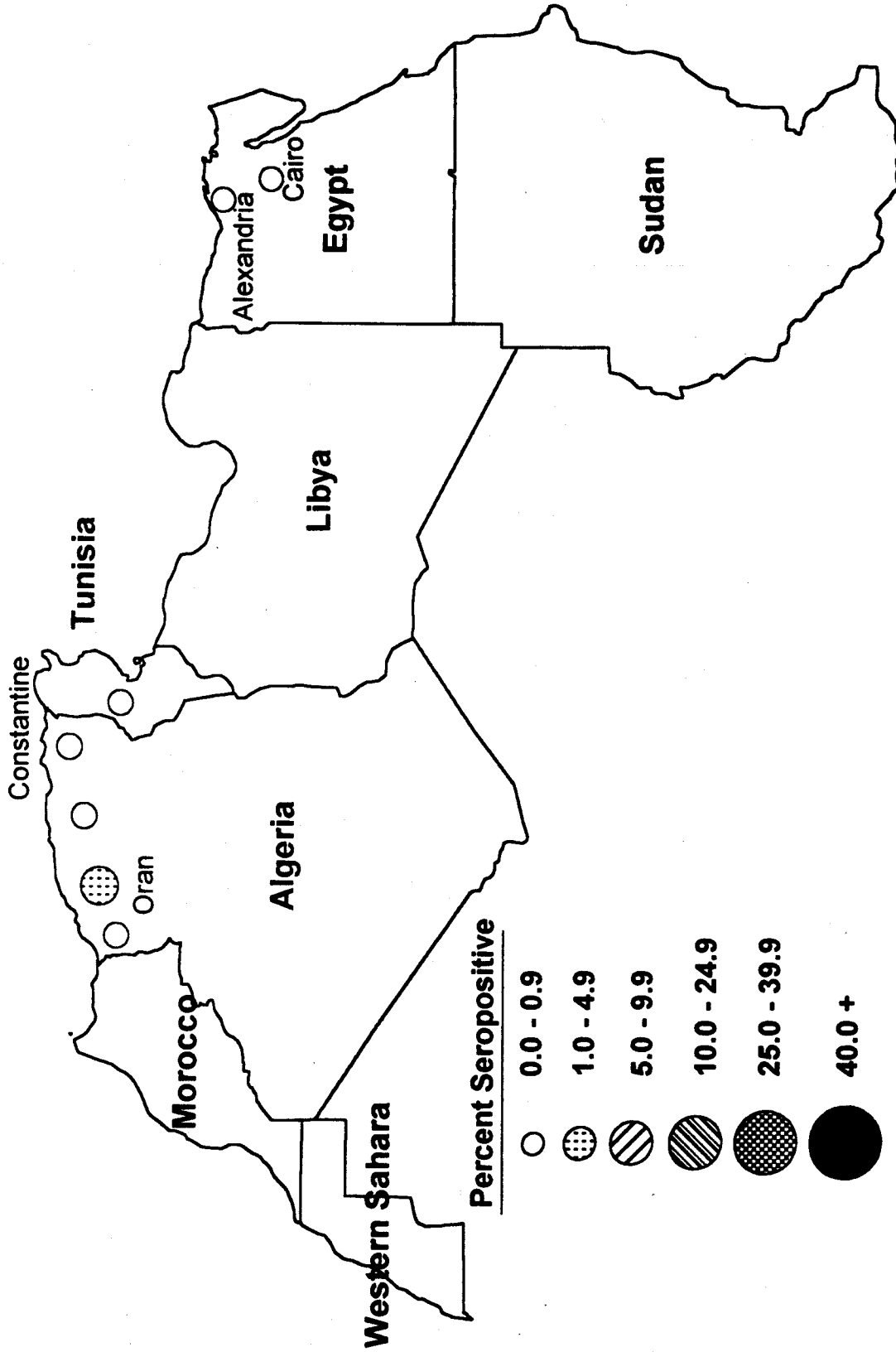
U.S. Bureau of the Census, Population Division,
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HIV/AIDS Surveillance Data Base, January 1998.

Seroprevalence of HIV-1 for Pregnant Women Southern Africa



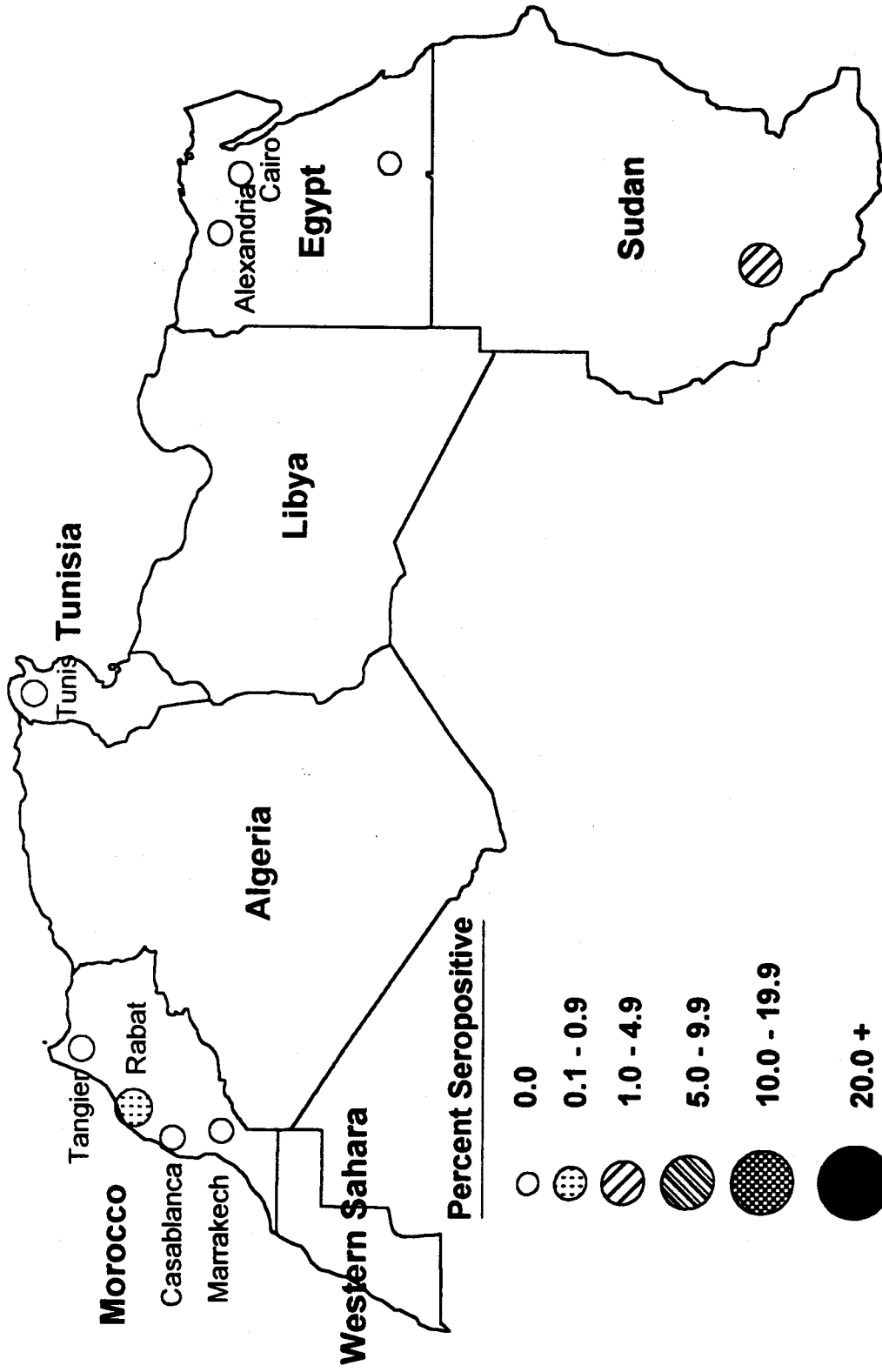
U.S. Bureau of the Census, Population Division,
International Programs Center,
HIV/AIDS Surveillance Data Base, January 1998.

Seroprevalence of HIV-1 for Sex Workers in North Africa



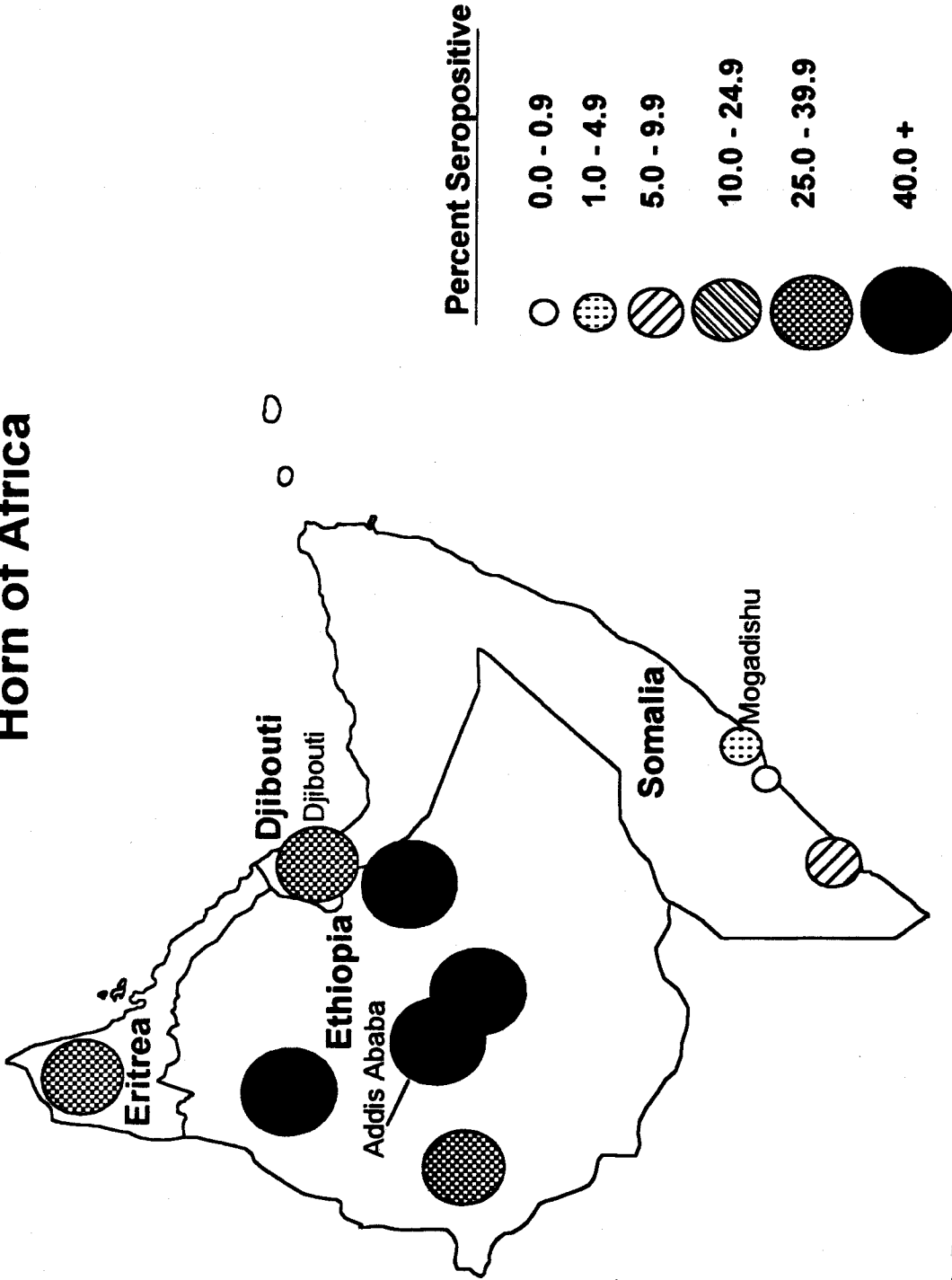
U.S. Bureau of the Census, Population Division,
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 HIV/AIDS Surveillance Data Base, January 1998.

Seroprevalence of HIV-1 for Pregnant Women in North Africa



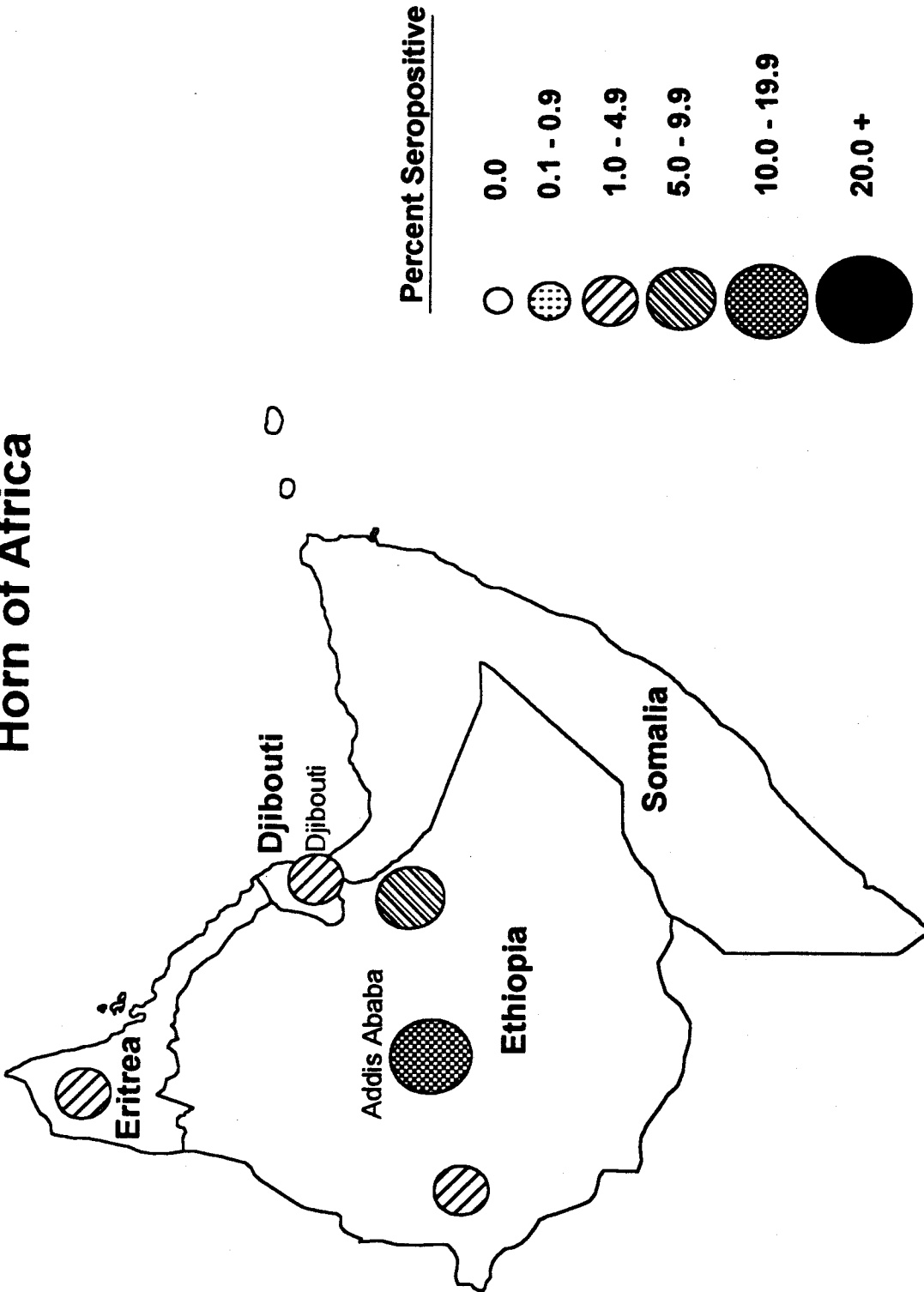
U.S. Bureau of the Census, Population Division,
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 HIV/AIDS Surveillance Data Base, January 1998.

Seroprevalence of HIV-1 for Sex Workers Horn of Africa



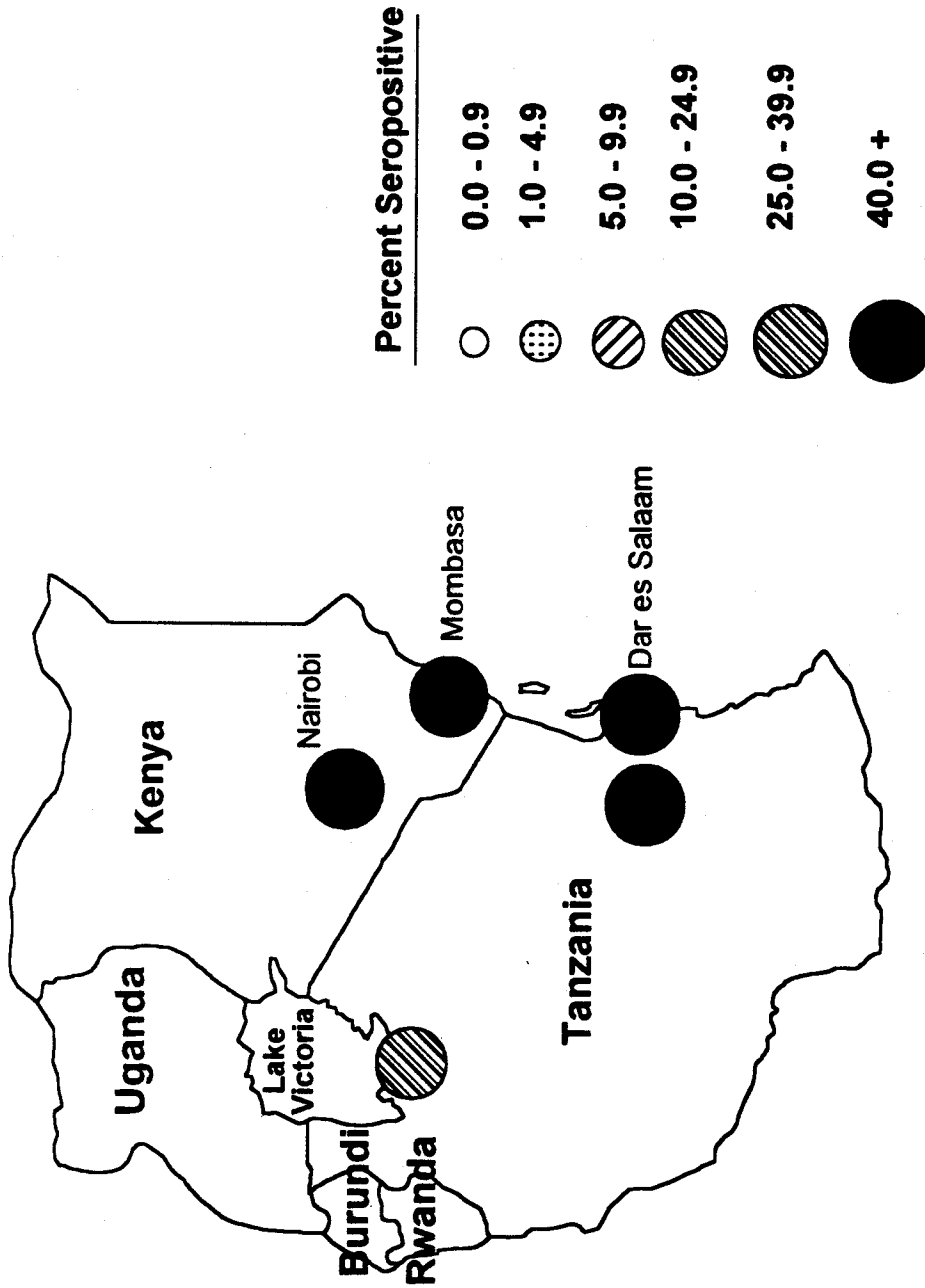
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Seroprevalence of HIV-1 for Pregnant Women Horn of Africa



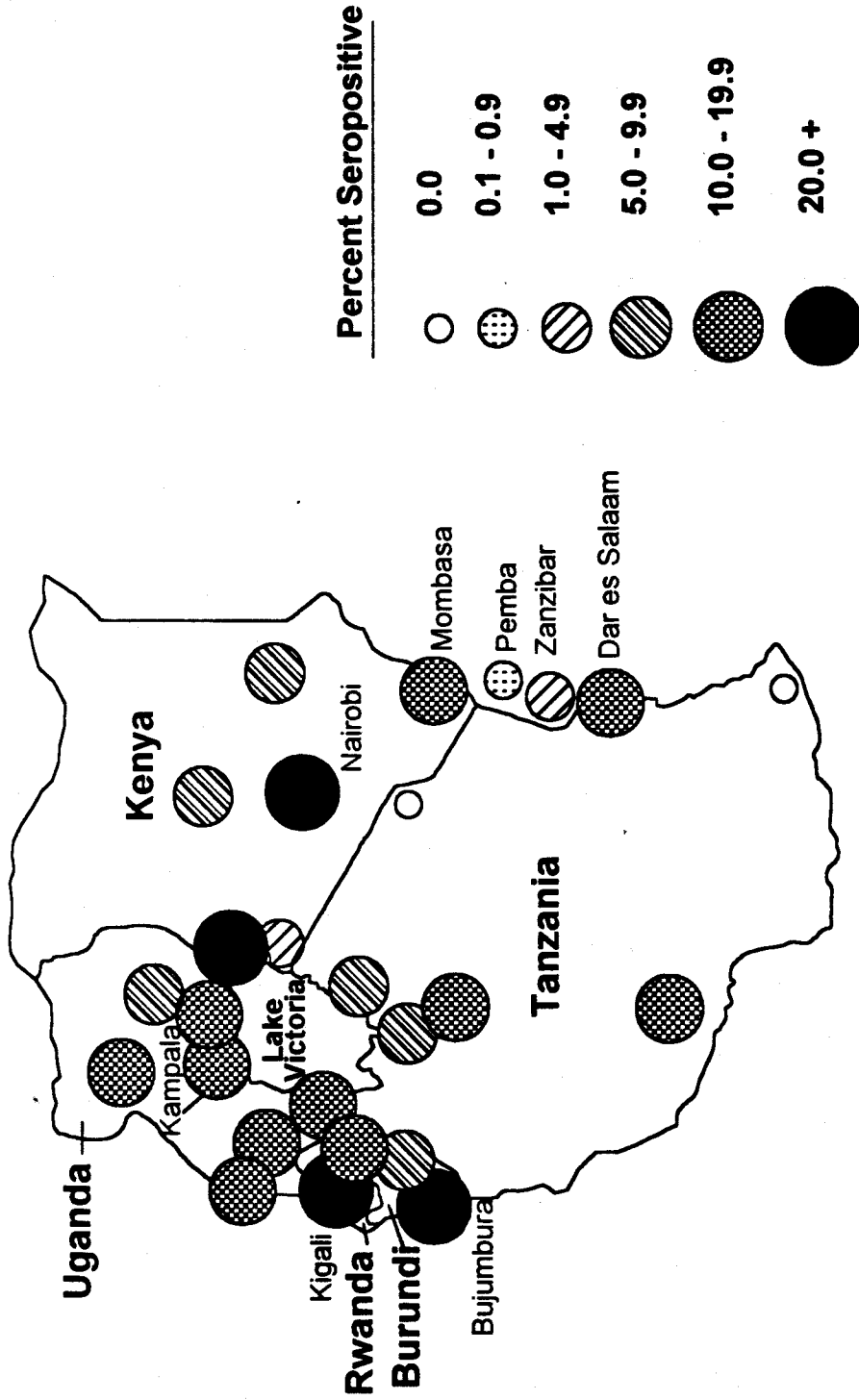
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HIV/AIDS Surveillance Data Base, January 1998.

Seroprevalence of HIV-1 for Sex Workers East Africa



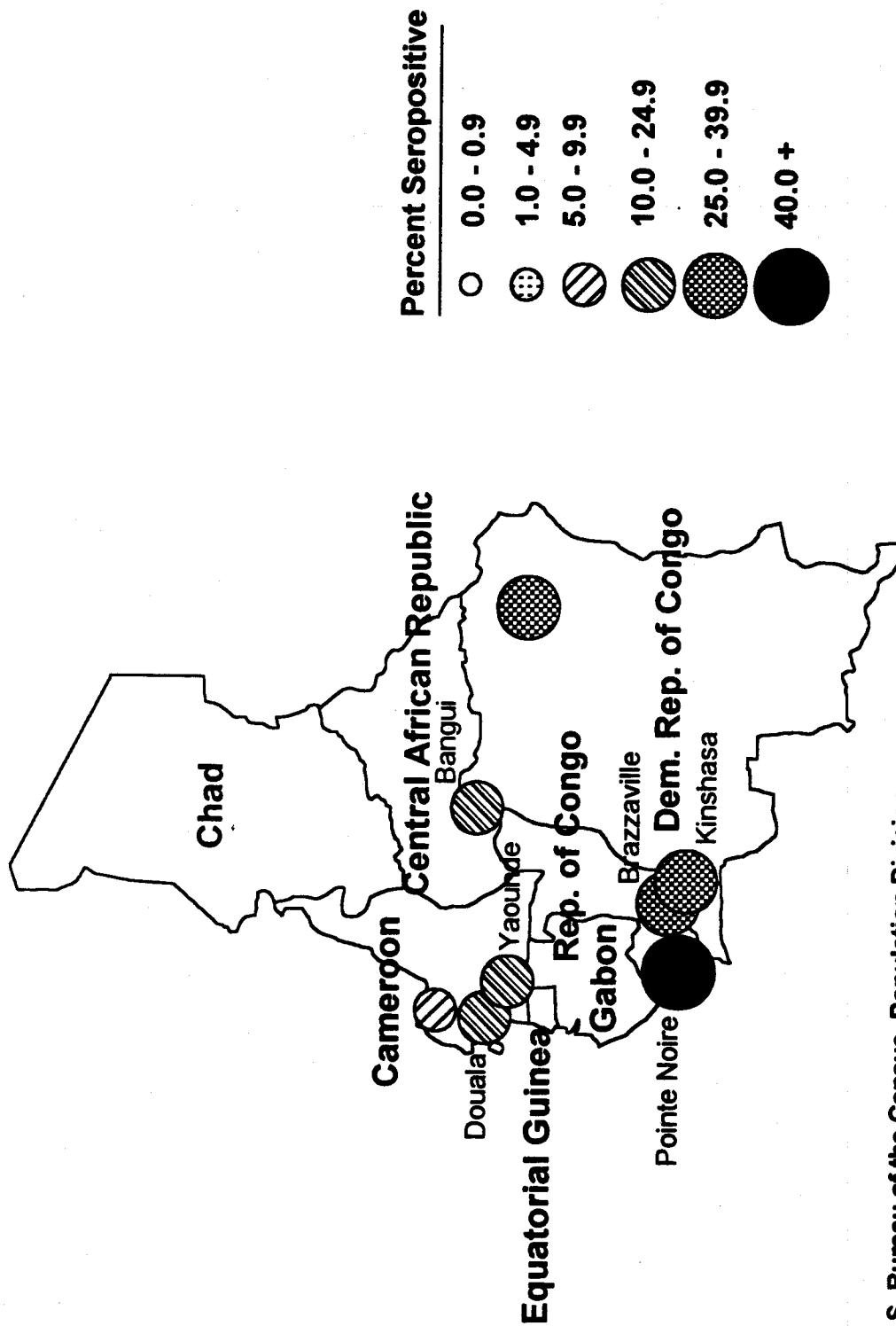
U.S. Bureau of the Census, Population Division,
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Seroprevalence of HIV-1 for Pregnant Women East Africa



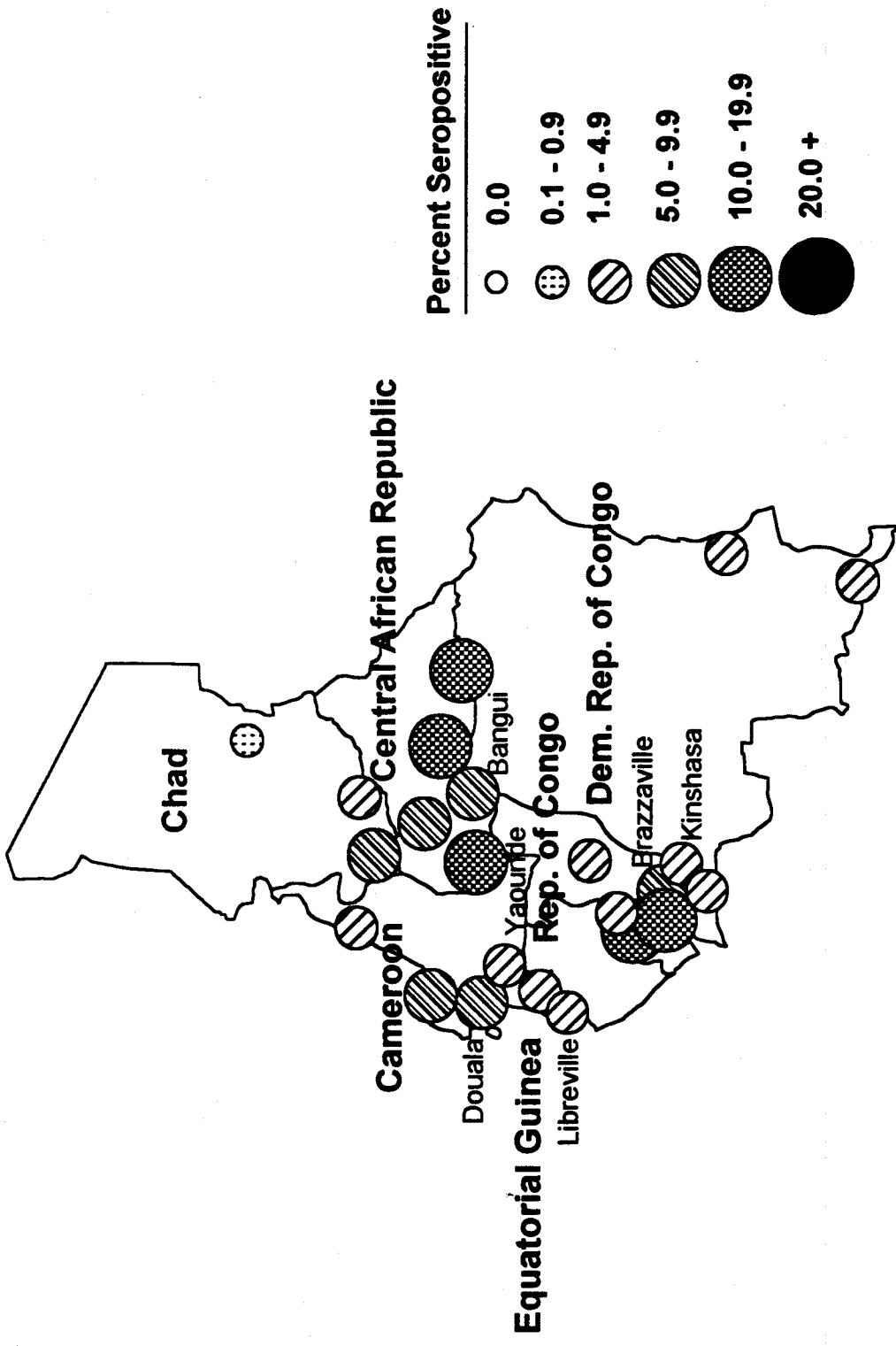
U.S. Bureau of the Census, Population Division,
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Seroprevalence of HIV-1 for Sex Workers in Central Africa



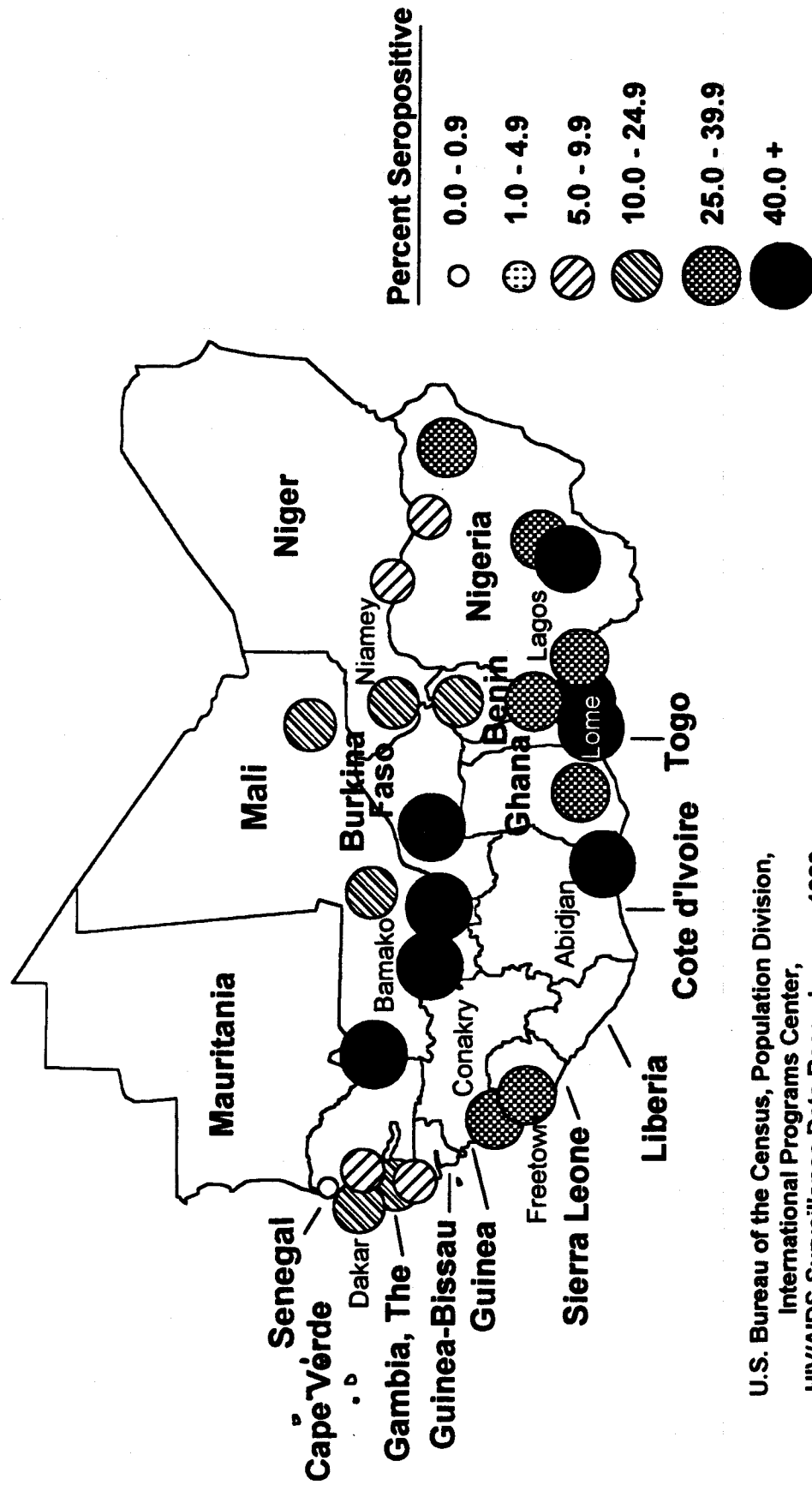
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Seroprevalence of HIV-1 for Pregnant Women in Central Africa



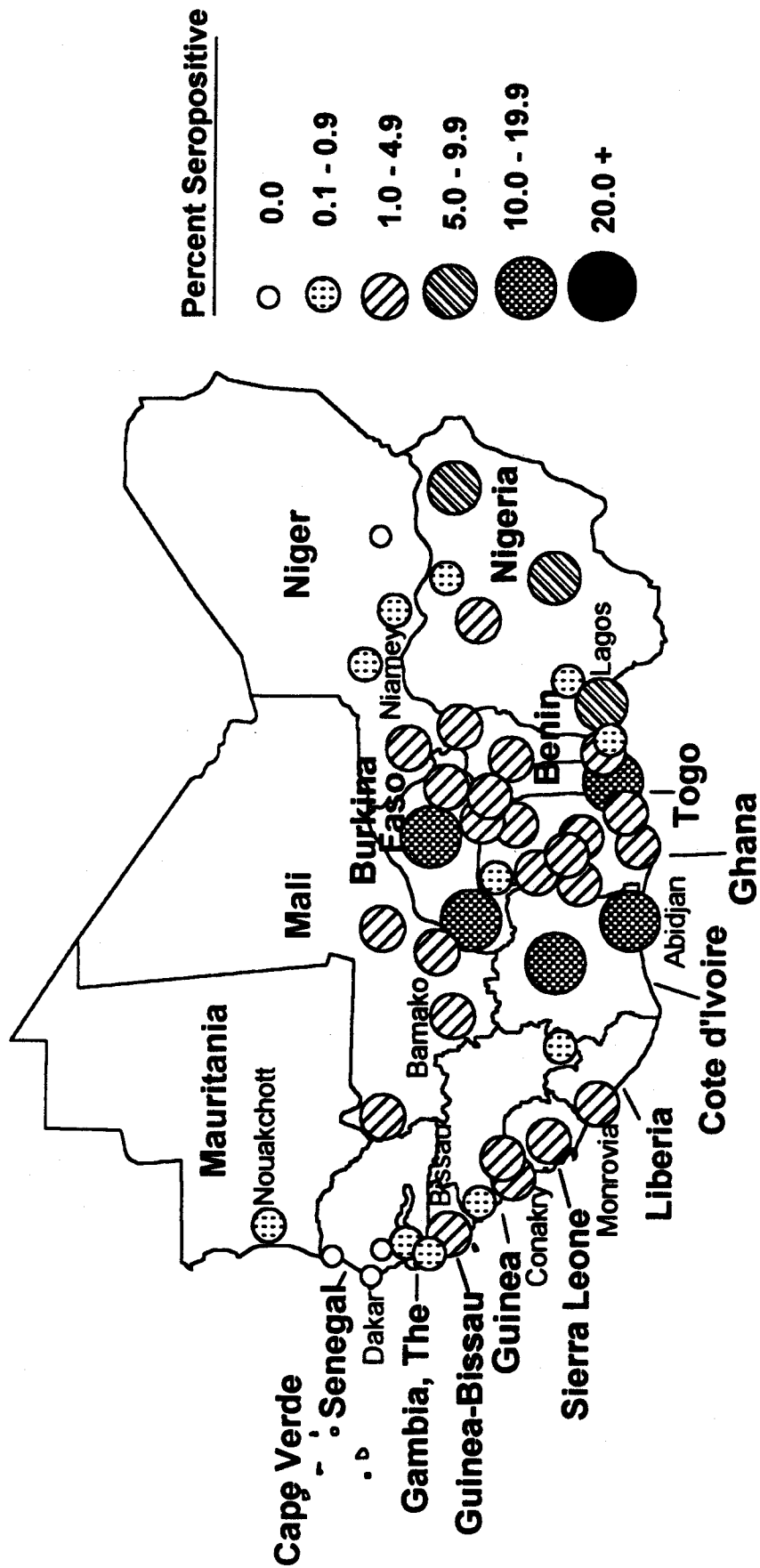
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Seroprevalence of HIV-1 for Sex Workers in Western Africa



U.S. Bureau of the Census, Population Division,
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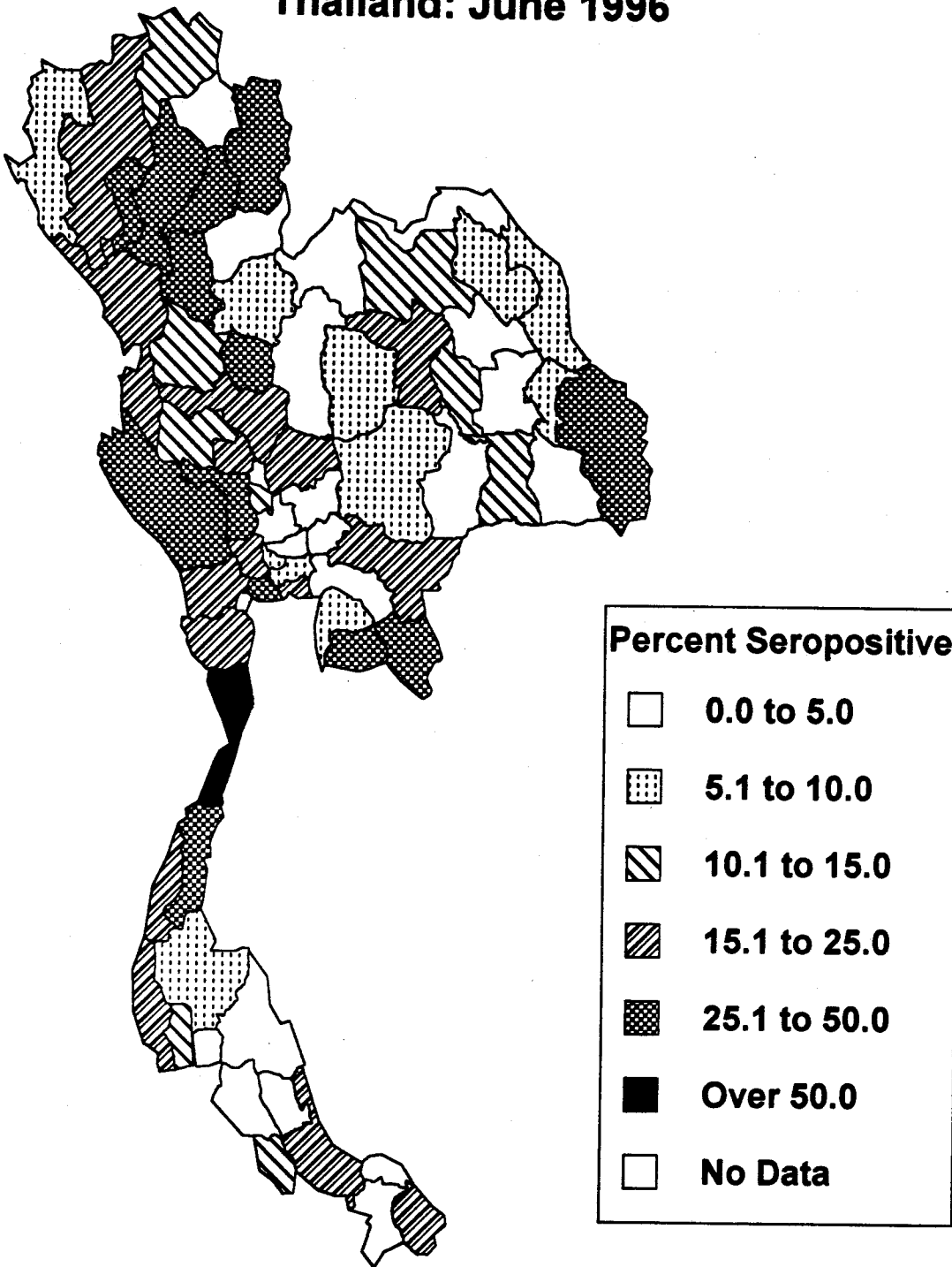
Seroprevalence of HIV-1 for Pregnant Women in Western Africa



U.S. Bureau of the Census, Population Division,
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Seroprevalence of HIV-1 for Sex Workers

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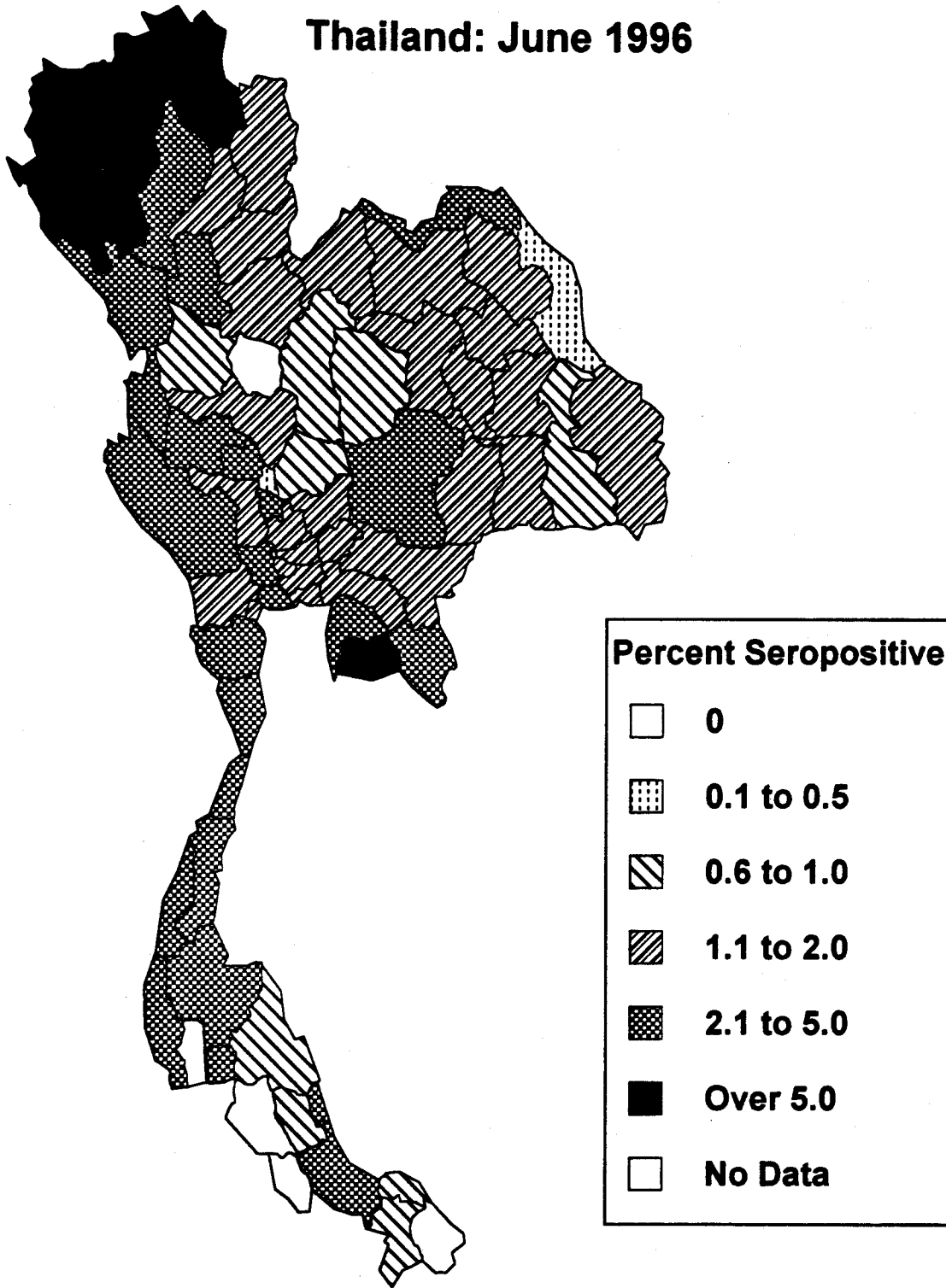


U.S. Bureau of the Census, Population Division,
International Programs Center,
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Seroprevalence of HIV-1 for Pregnant Women

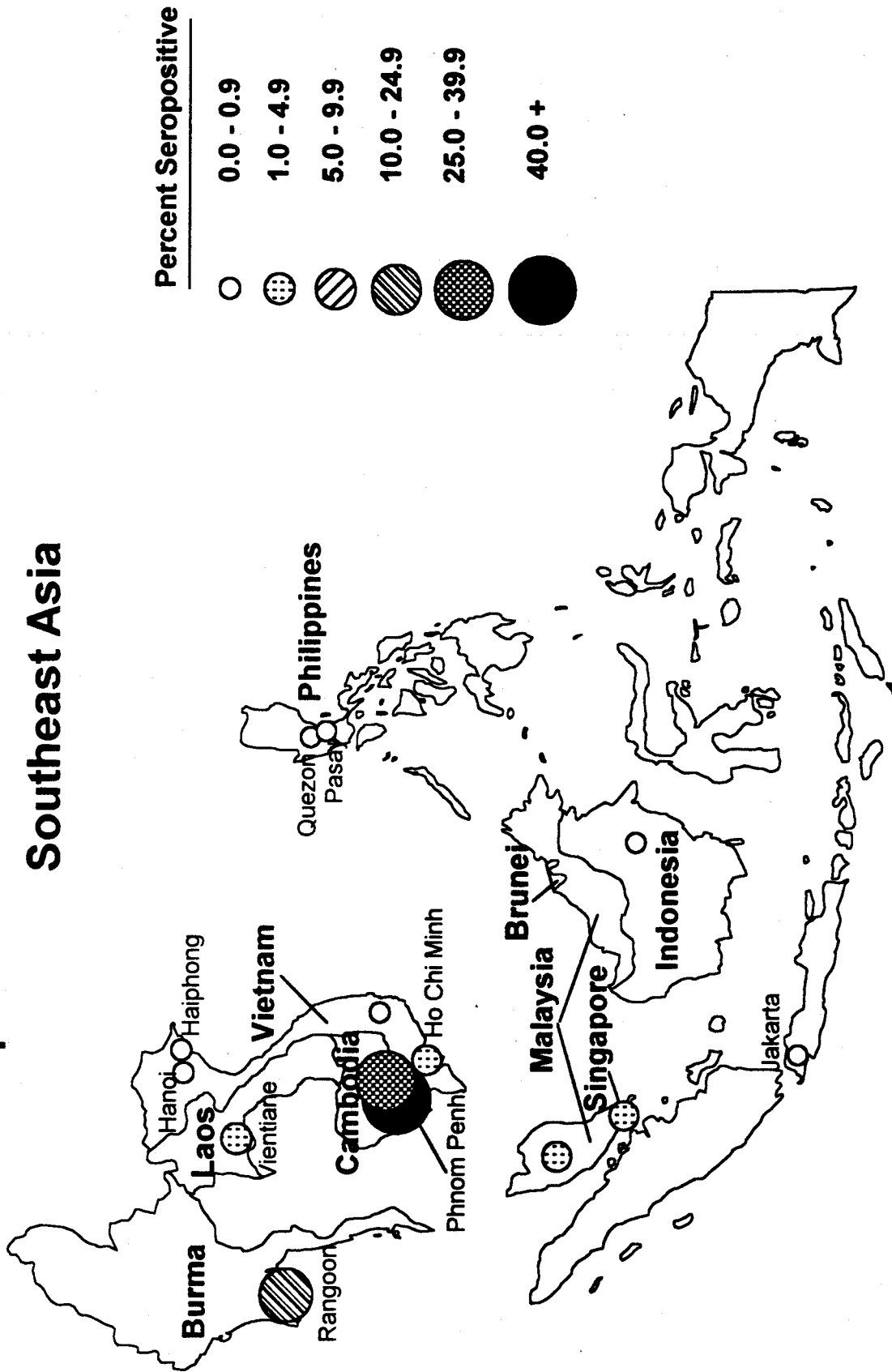
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Thailand: June 1996



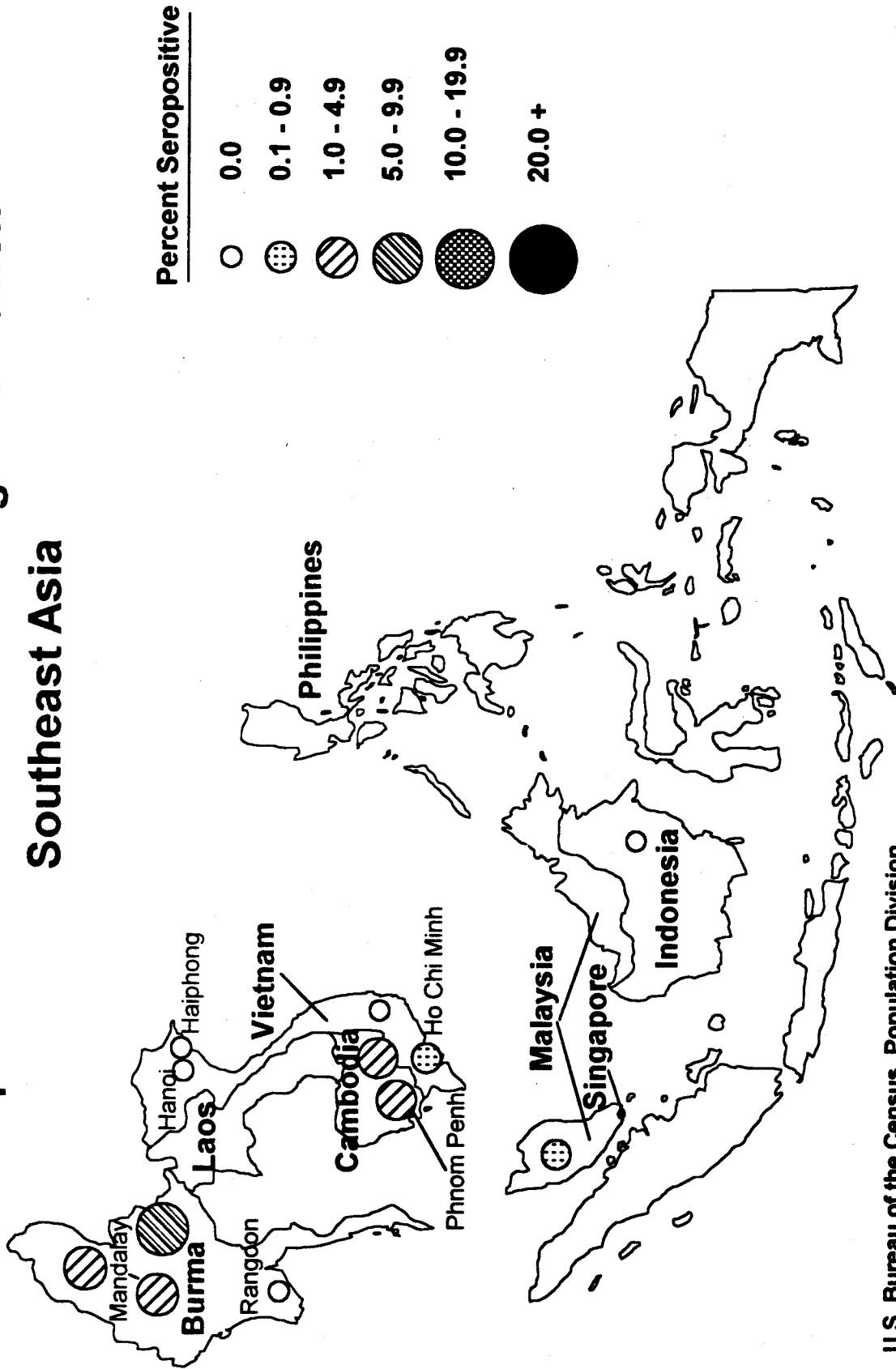
U.S. Bureau of the Census, Population Division,
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Seroprevalence of HIV-1 for Sex Workers Southeast Asia



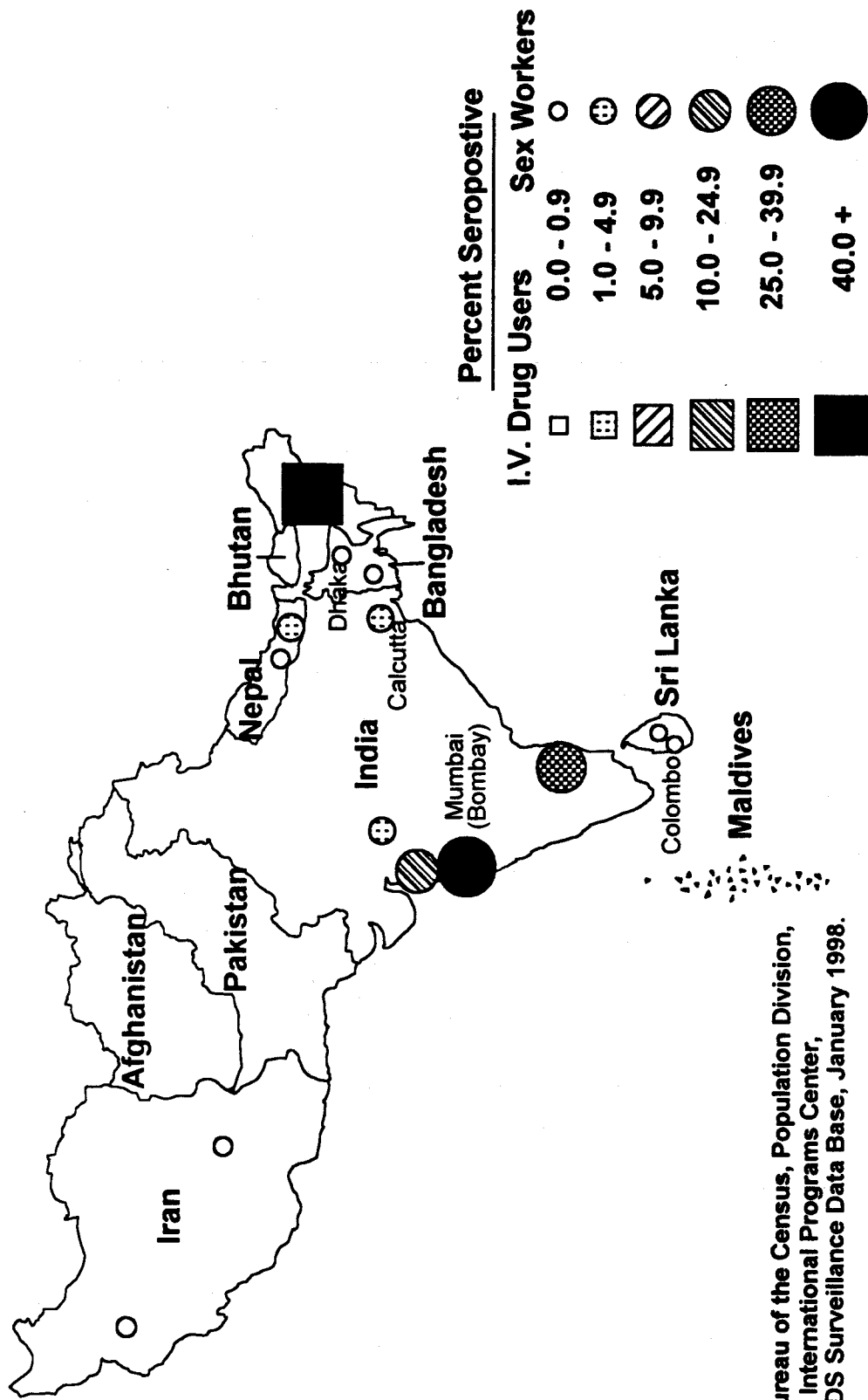
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Seroprevalence of HIV-1 for Pregnant Women Southeast Asia



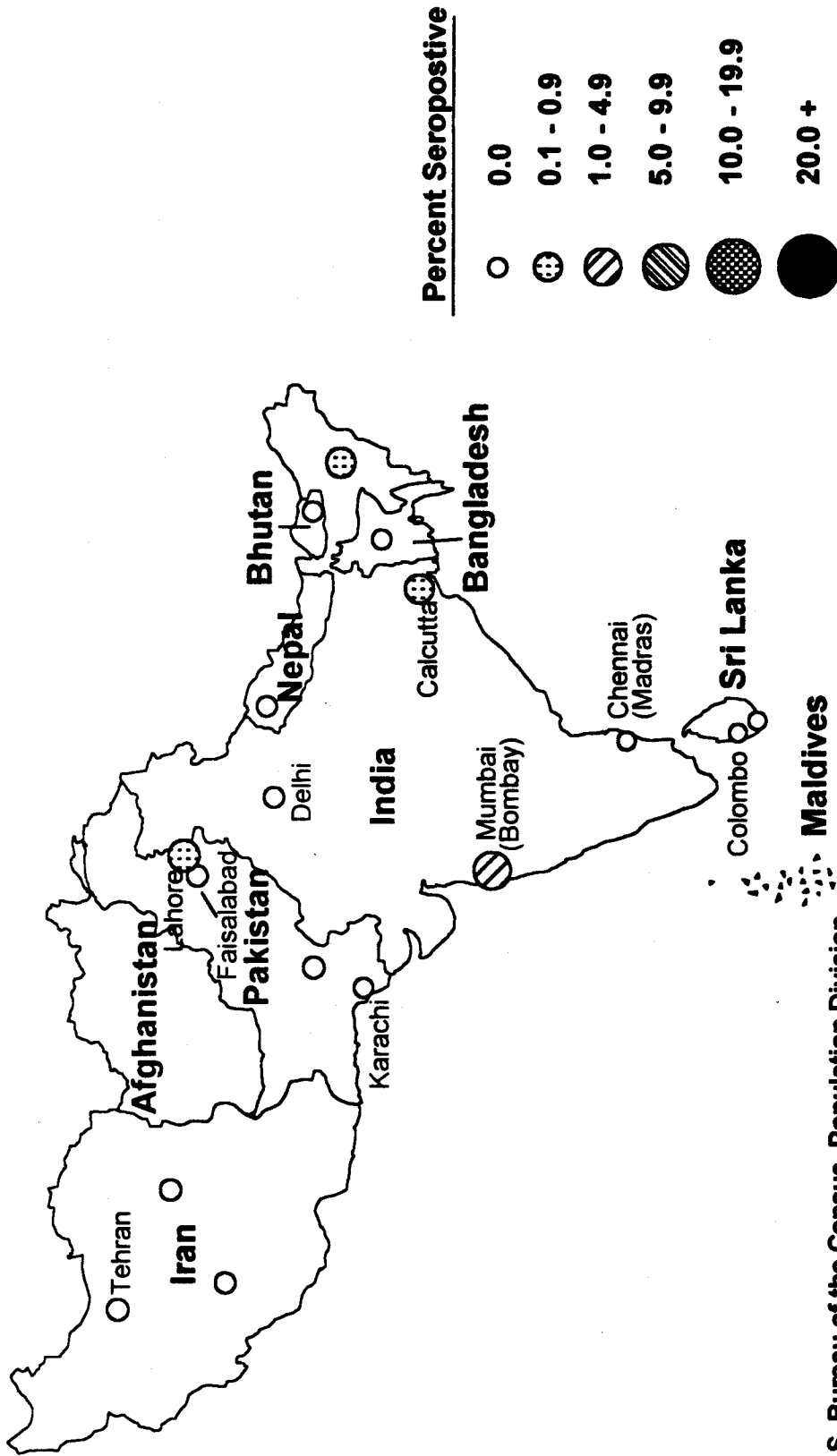
U.S. Bureau of the Census, Population Division,
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Seroprevalence of HIV-1 for Sex Workers and I.V. Drug Users in Middle South Asia



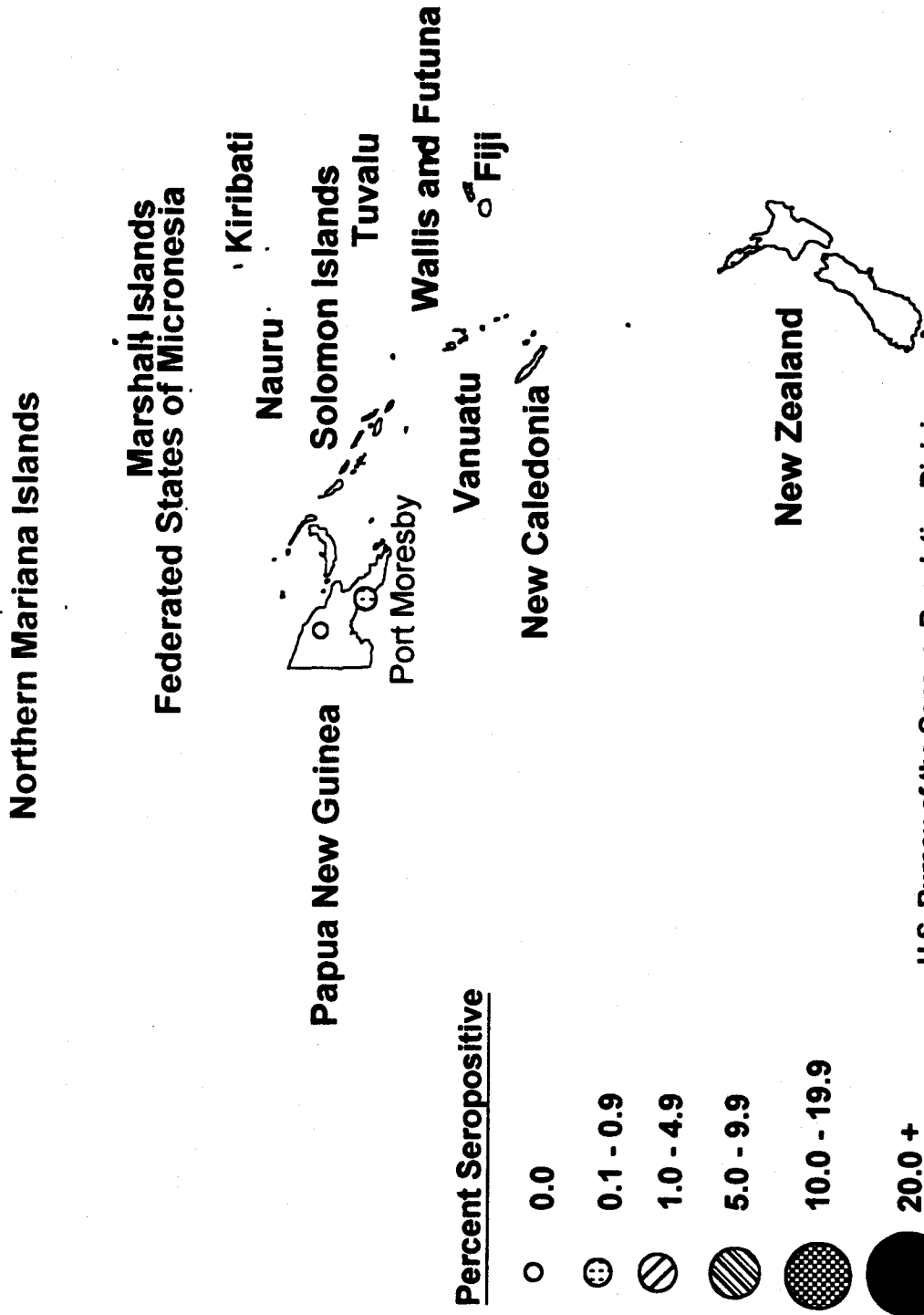
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Seroprevalence of HIV-1 for Pregnant Women Middle South Asia



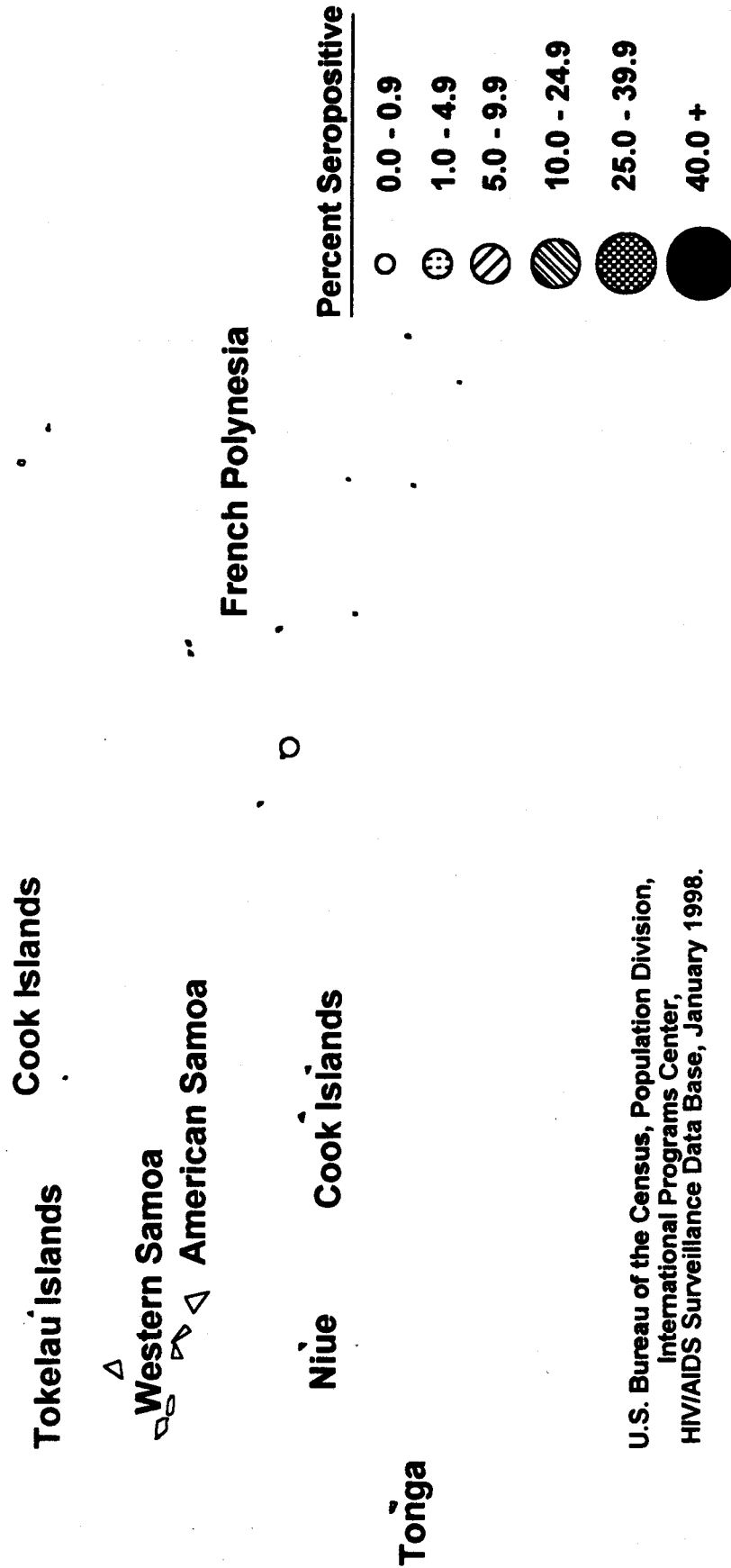
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Seroprevalence of HIV-1 for Pregnant Women in Western Oceania



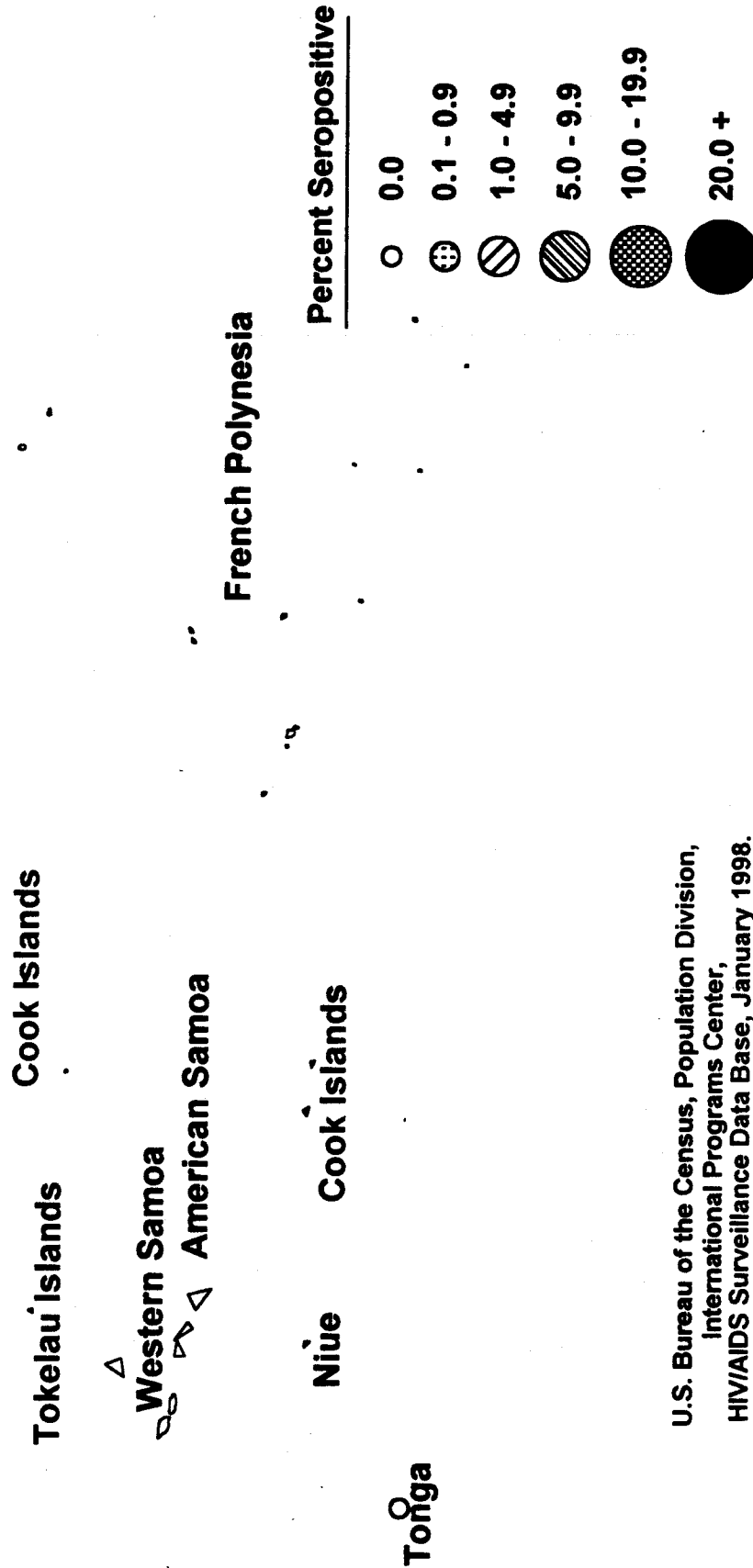
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Seroprevalence of HIV-1 for Sex Workers in Eastern Oceania



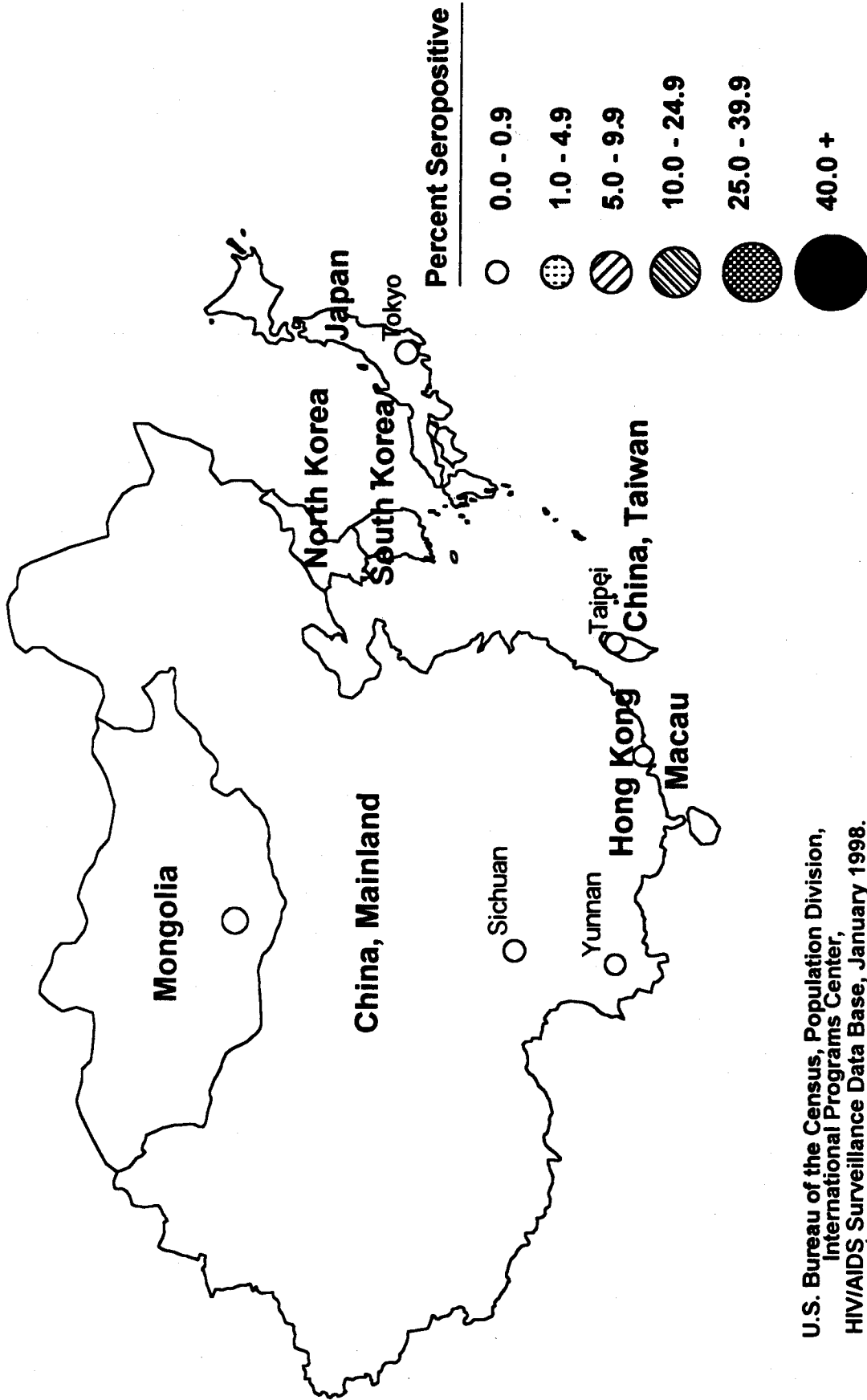
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Seroprevalence of HIV-1 for Pregnant Women in Eastern Oceania



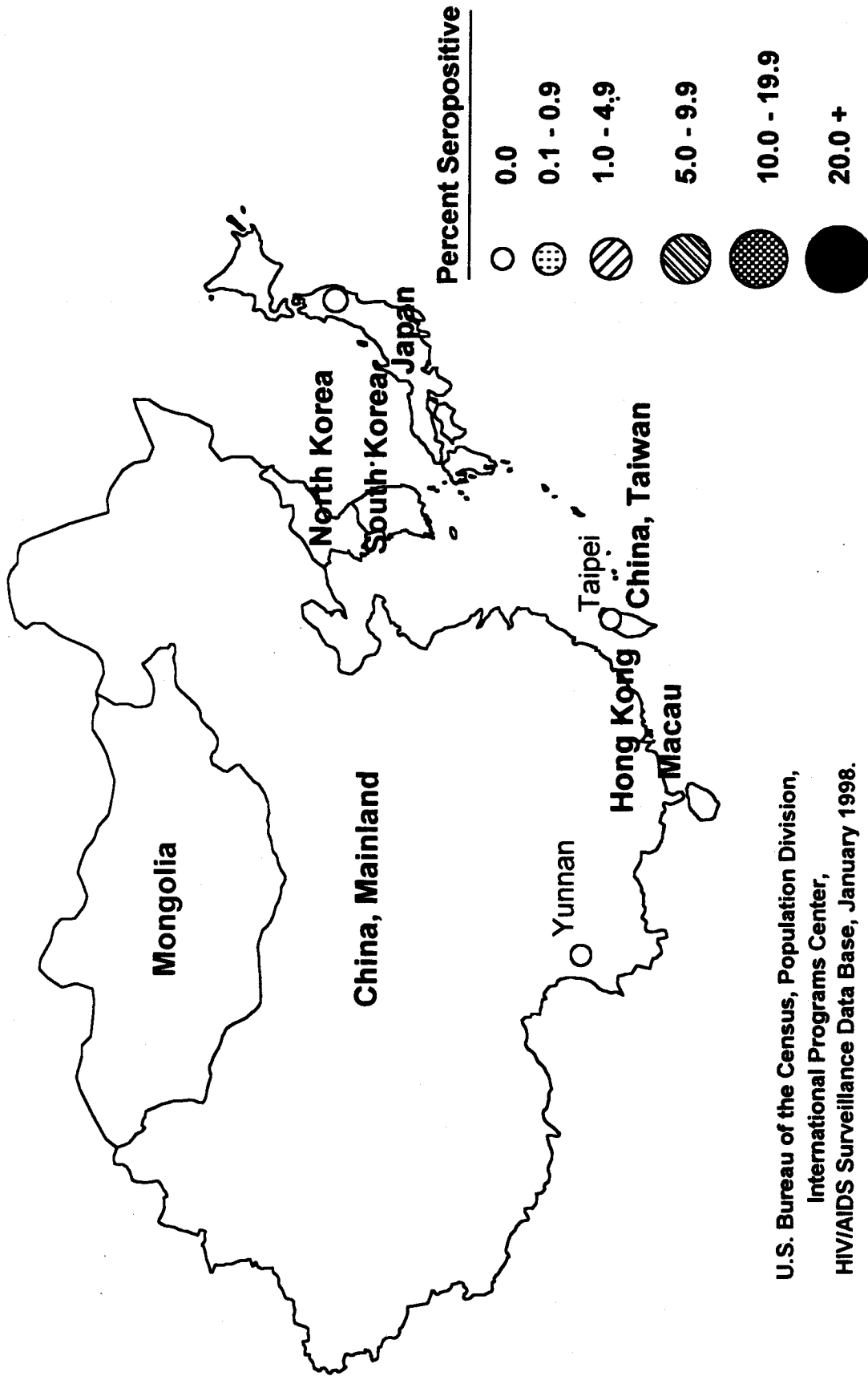
U.S. Bureau of the Census, Population Division,
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Seroprevalence of HIV-1 for Sex Workers in East Asia



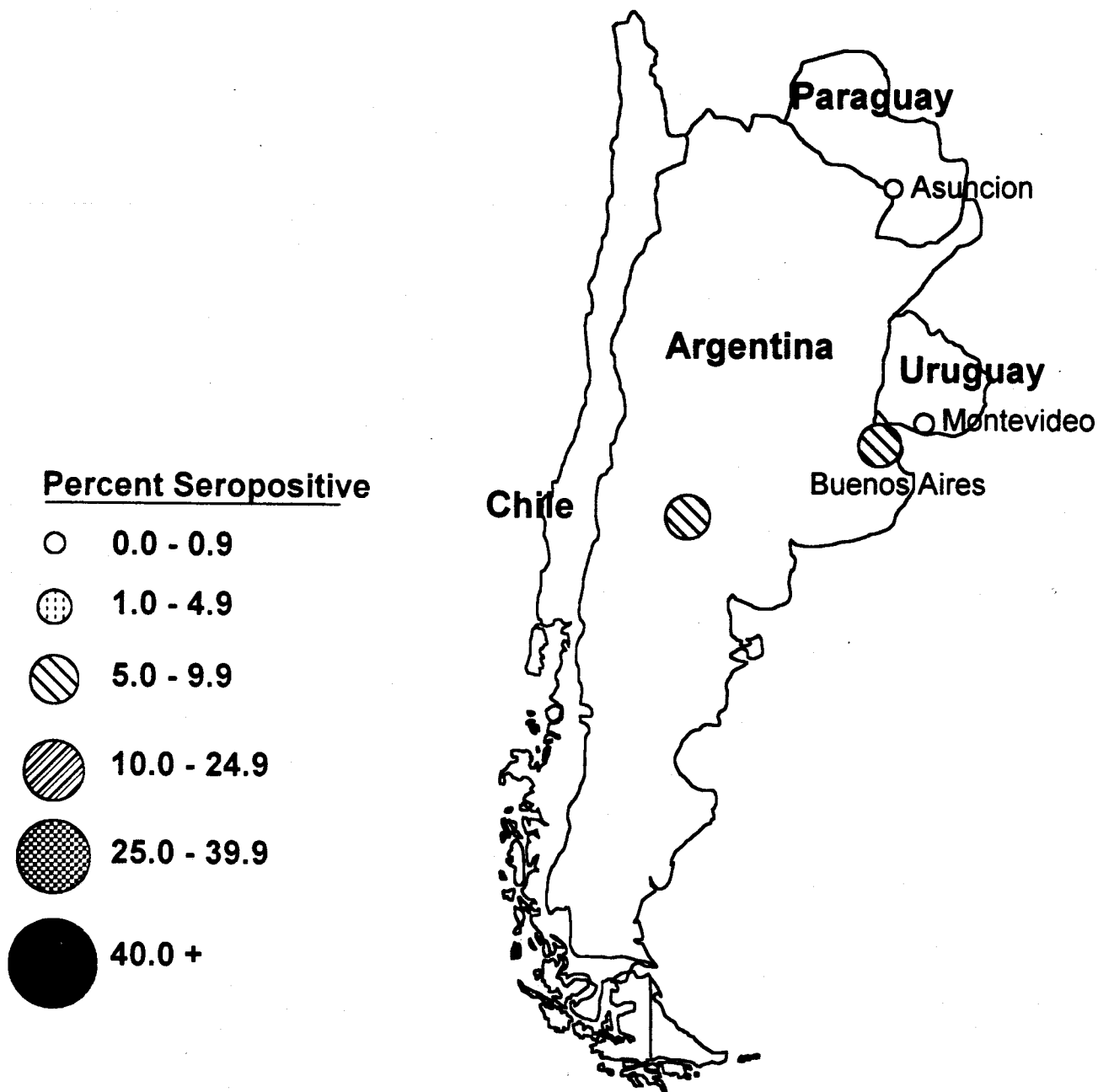
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Seroprevalence of HIV-1 for Pregnant Women in East Asia



U.S. Bureau of the Census, Population Division,
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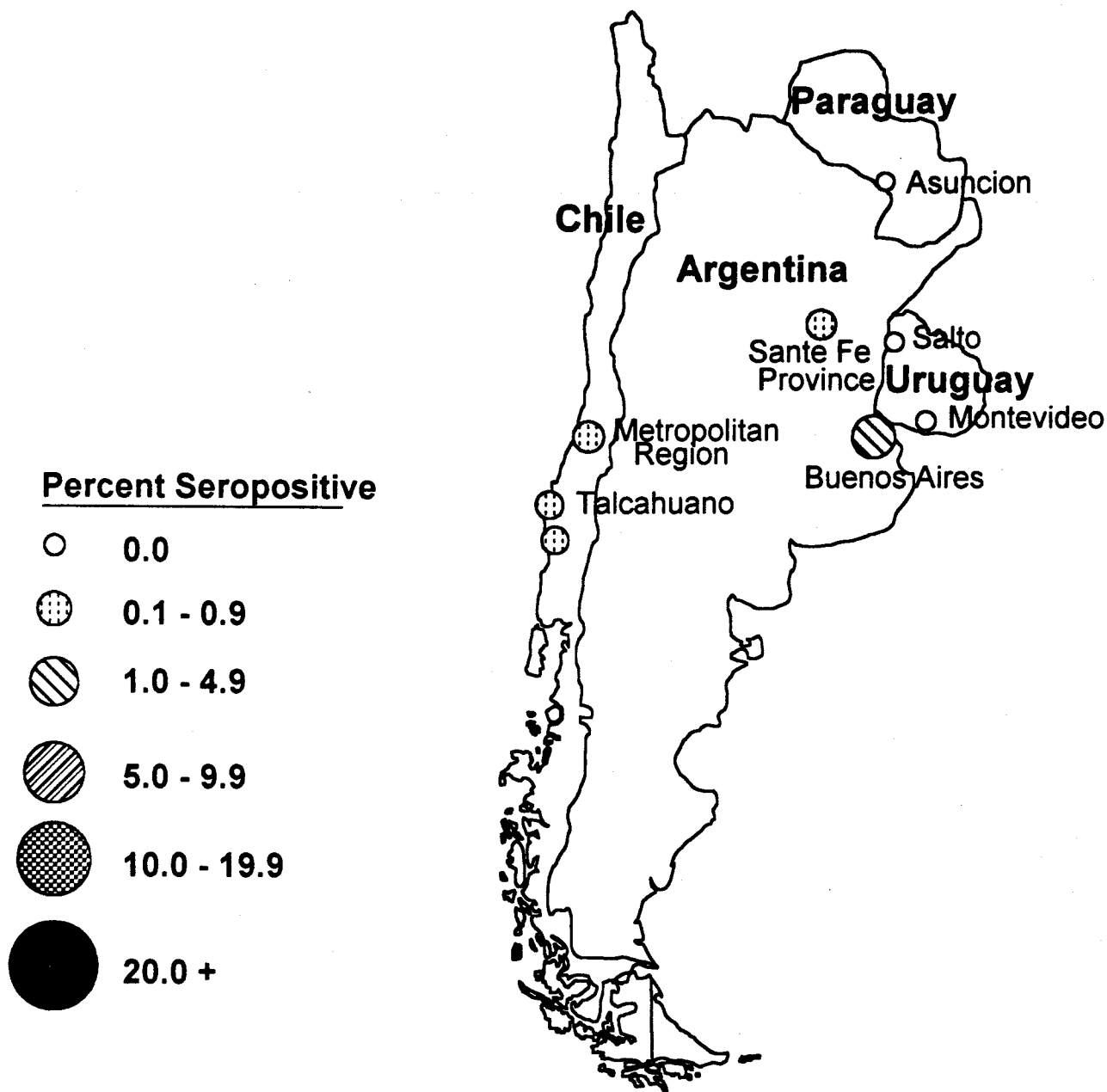
Seroprevalence of HIV-1 for Sex Workers Southern Cone



U.S. Bureau of the Census, Population Division,
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HIV/AIDS Surveillance Data Base, January 1998.

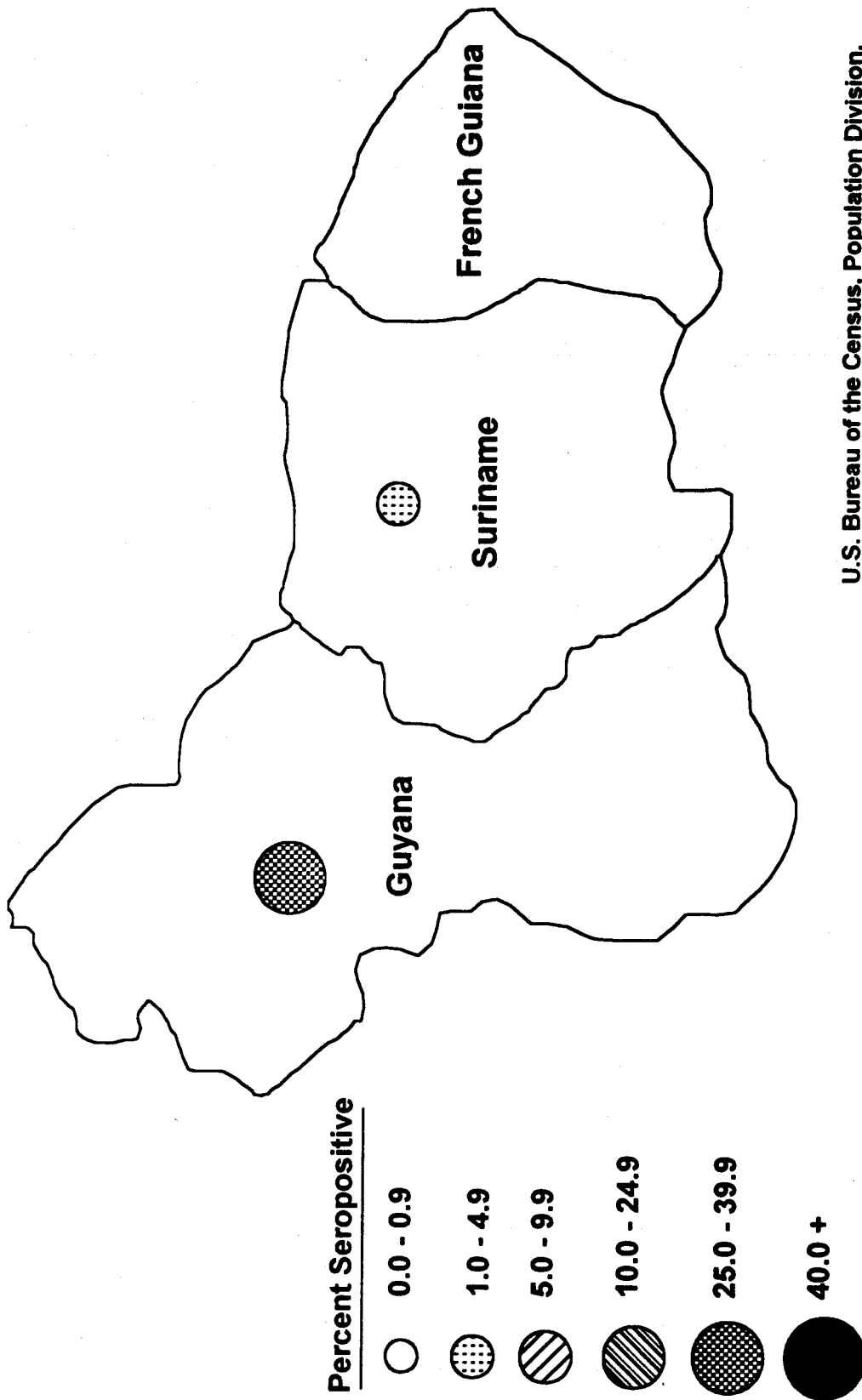
Seroprevalence of HIV-1 for Pregnant Women ⁶¹

Southern Cone



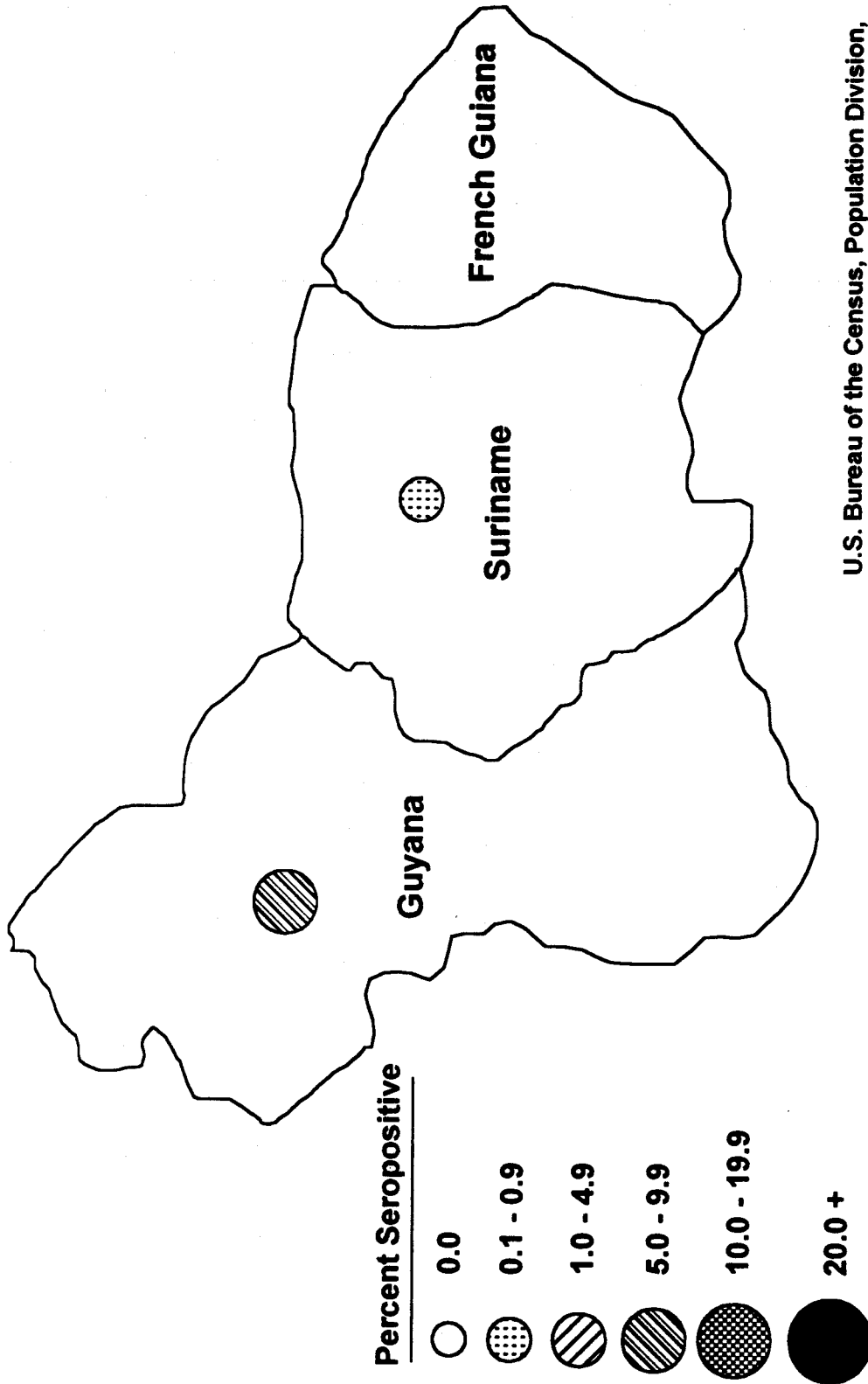
U.S. Bureau of the Census, Population Division,
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Seroprevalence of HIV-1 for Sex Workers Southern Caribbean



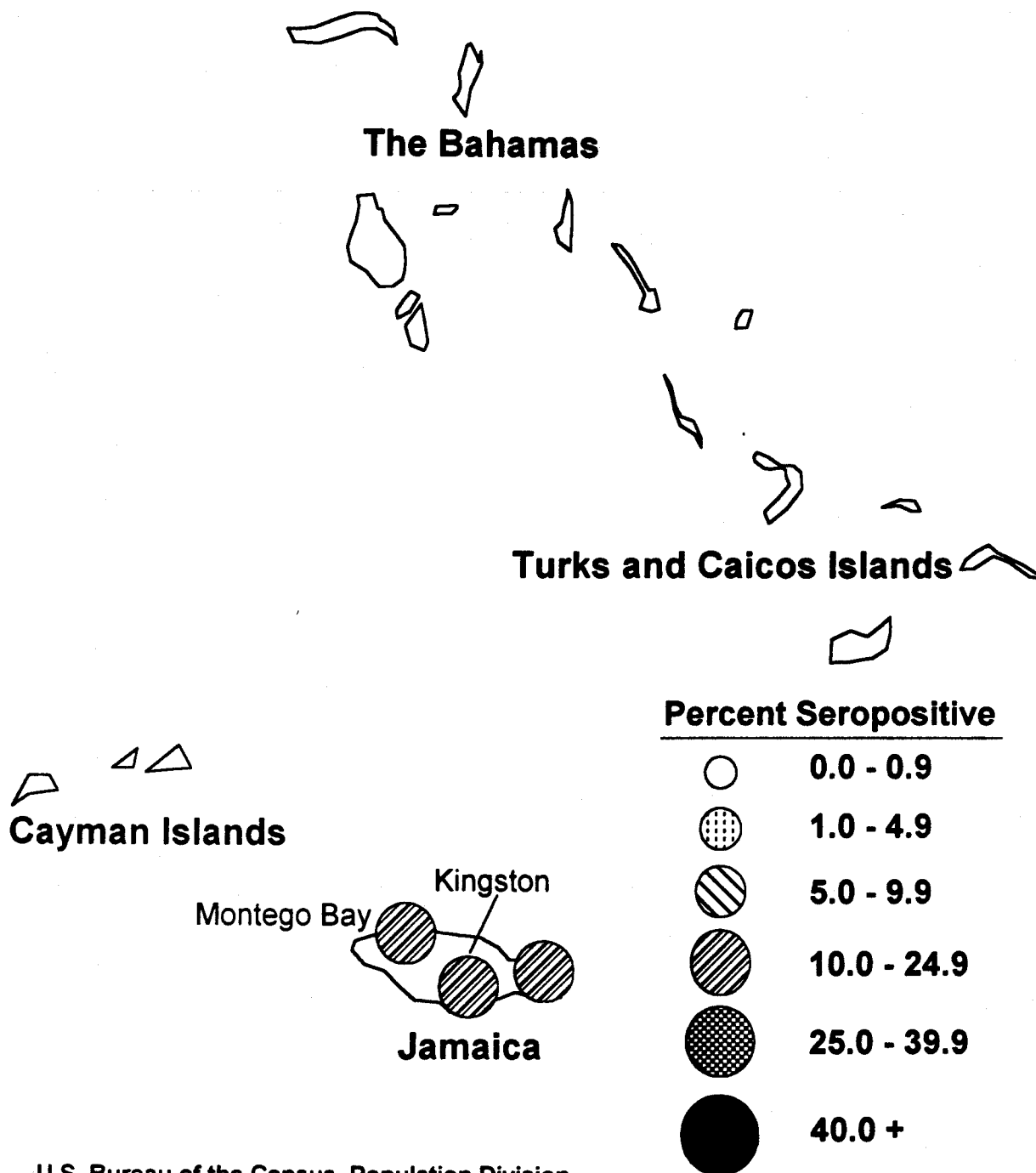
U.S. Bureau of the Census, Population Division,
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Seroprevalence of HIV-1 for Pregnant Women Southern Caribbean



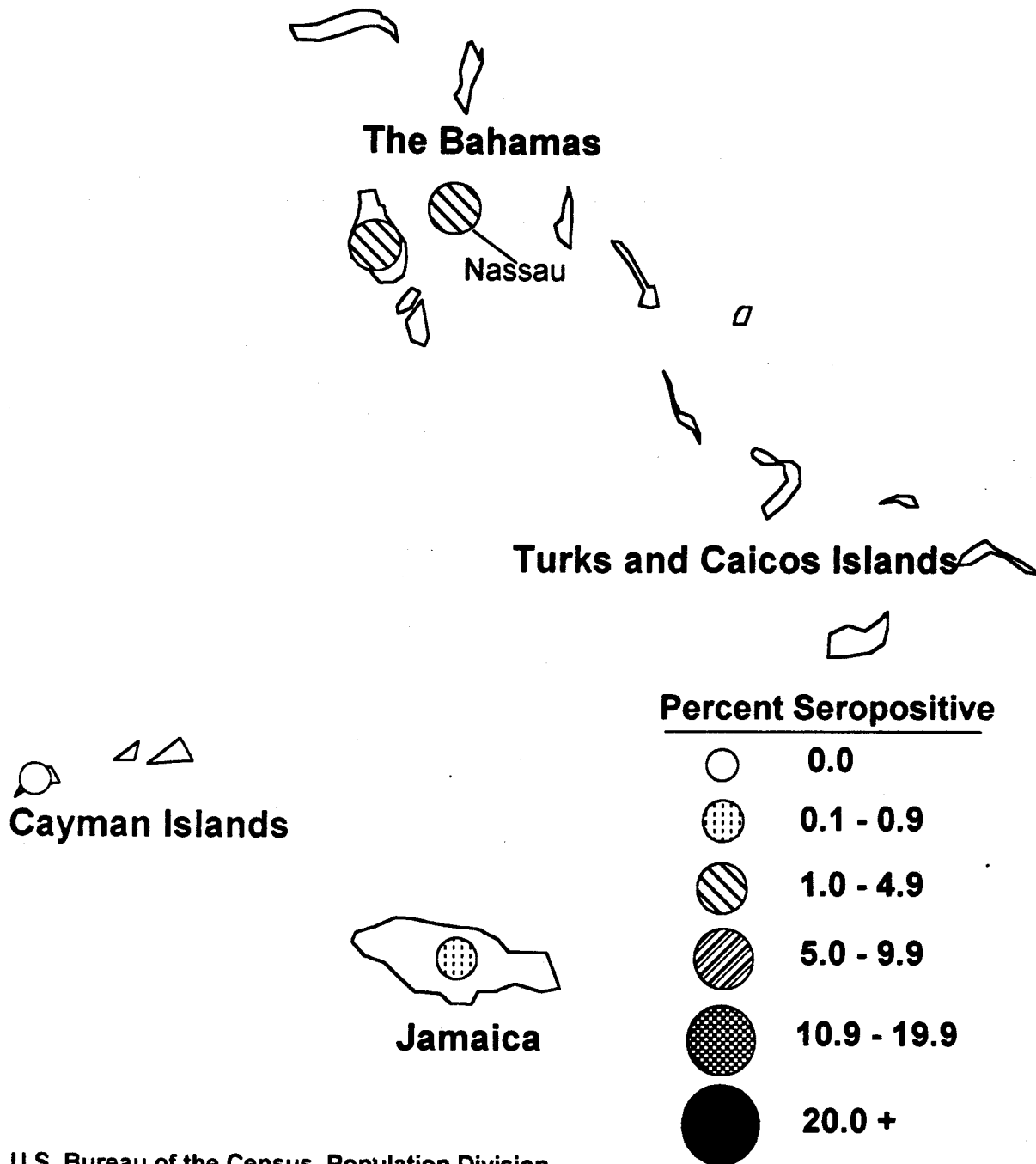
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Seroprevalence of HIV-1 for Sex Workers Northern Caribbean



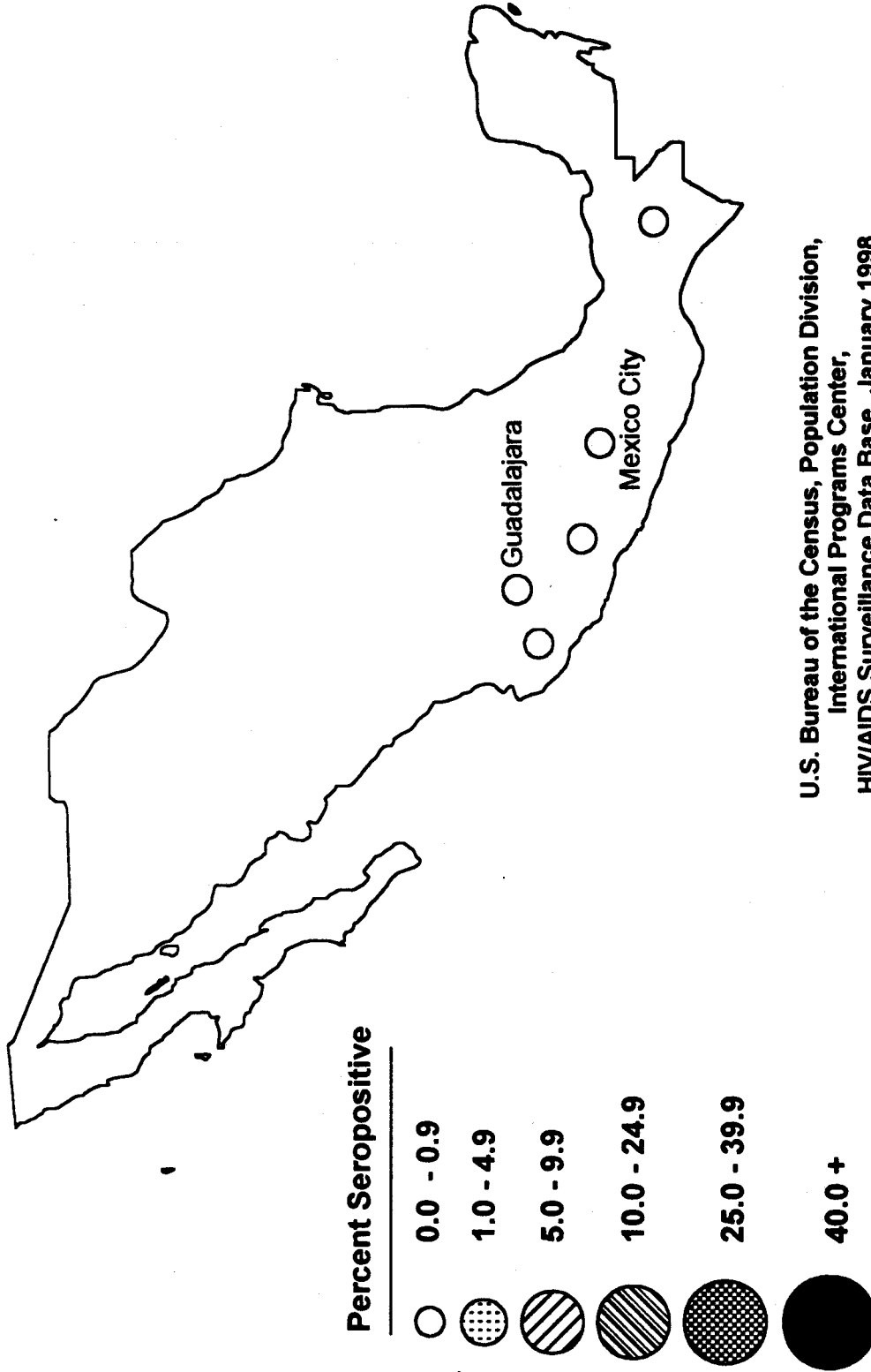
U.S. Bureau of the Census, Population Division,
International Programs Center,
HIV/AIDS Surveillance Data Base, January 1998.

Seroprevalence of HIV-1 for Pregnant Women Northern Caribbean



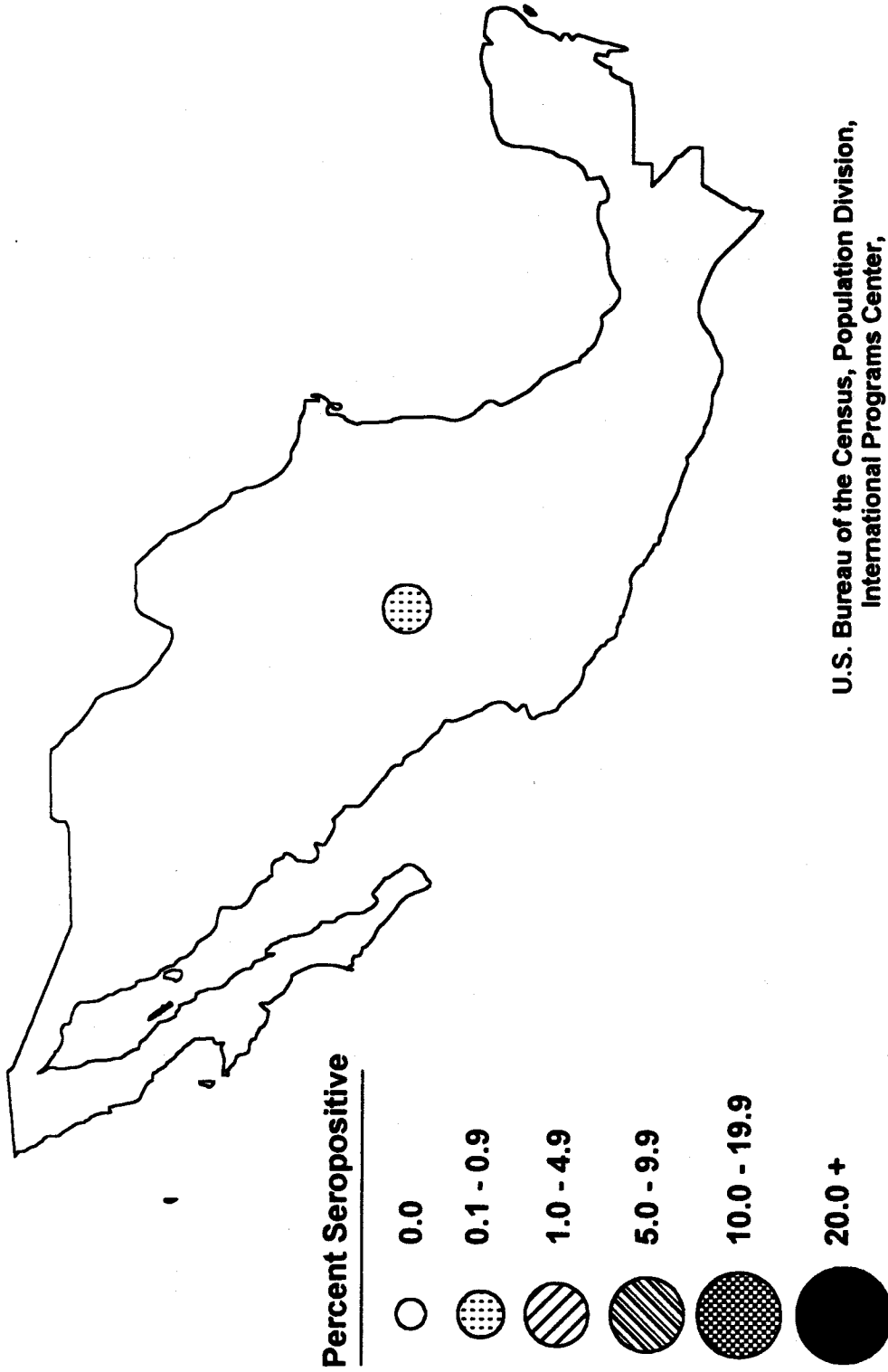
U.S. Bureau of the Census, Population Division,
International Programs Center,
HIV/AIDS Surveillance Data Base, January 1998.

Seroprevalence of HIV-1 for Sex Workers in Mexico



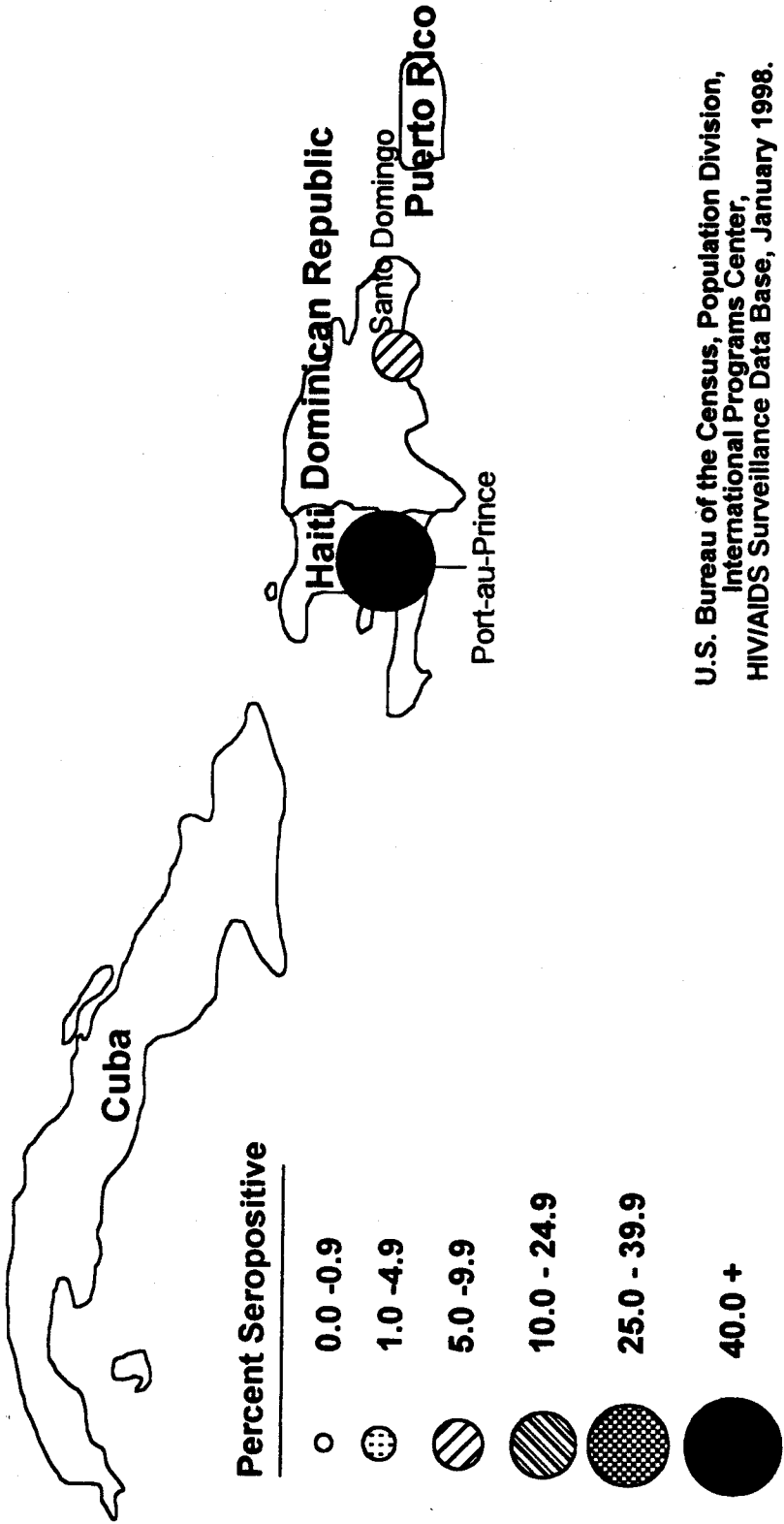
U.S. Bureau of the Census, Population Division,
International Programs Center,
HIV/AIDS Surveillance Data Base, January 1998.

Seroprevalence of HIV-1 for Pregnant Women in Mexico



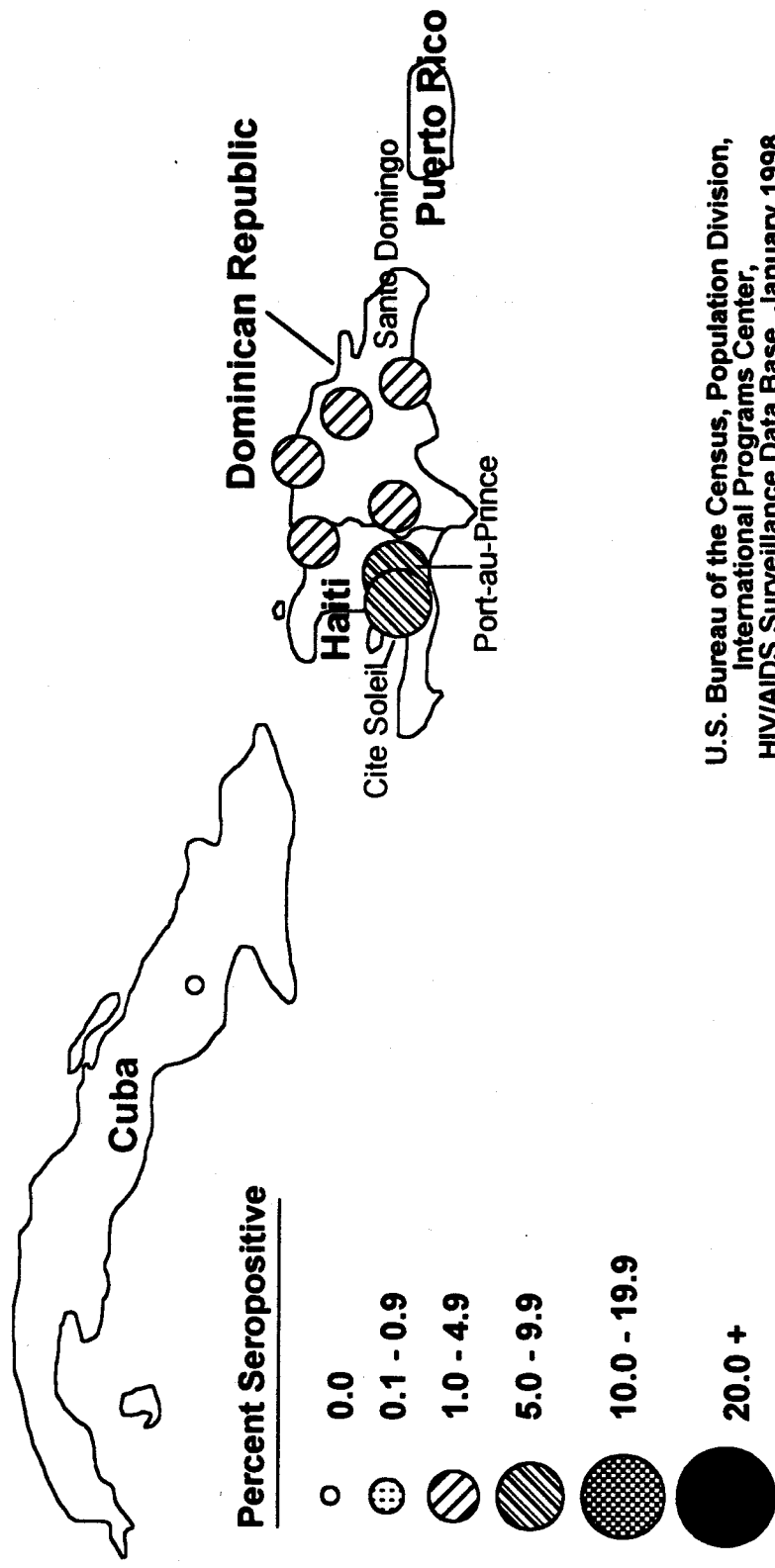
U.S. Bureau of the Census, Population Division,
International Programs Center,
HIV/AIDS Surveillance Data Base, January 1998.

Seroprevalence of HIV-1 for Sex Workers in Latin Caribbean



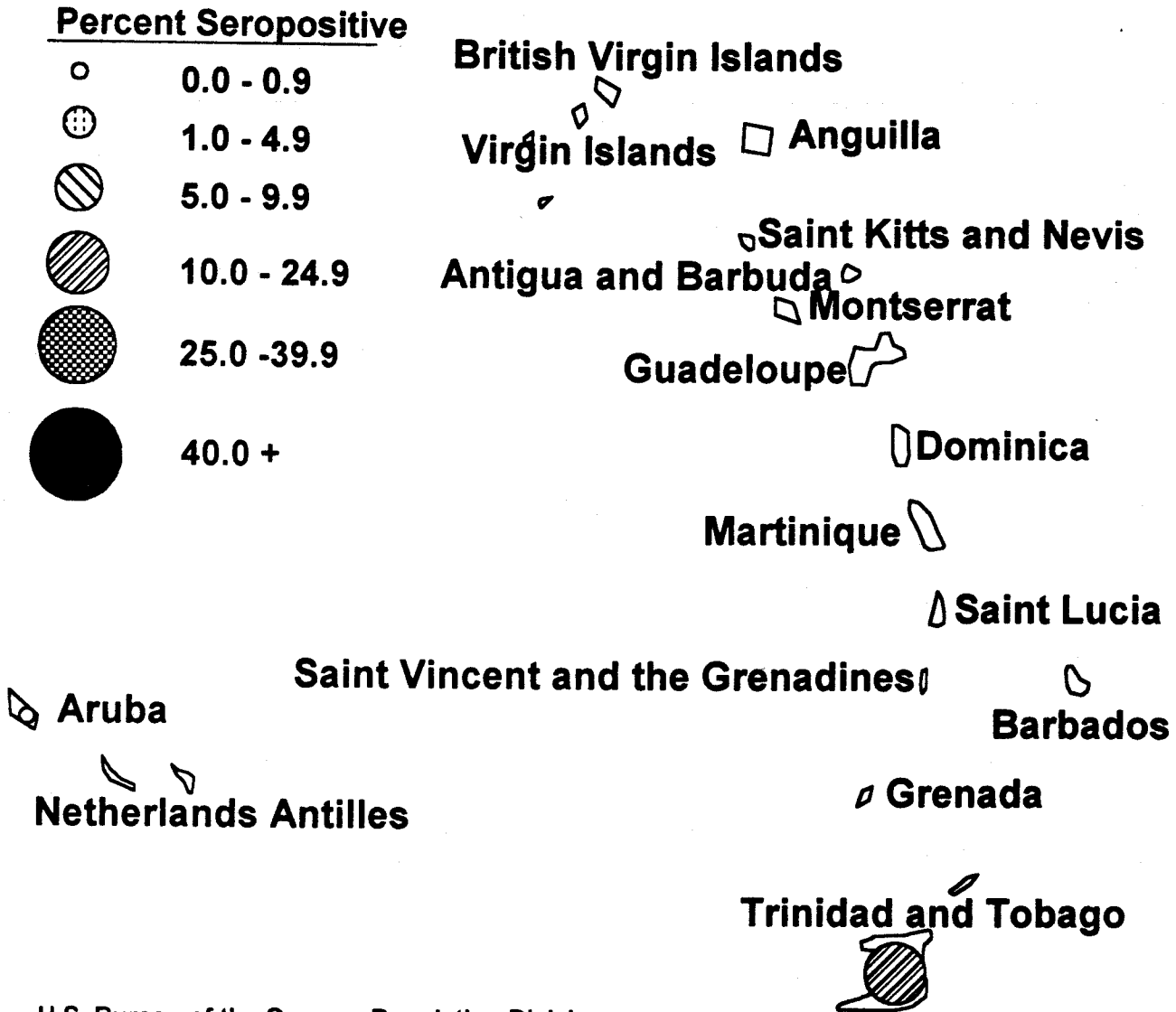
U.S. Bureau of the Census, Population Division,
International Programs Center,
HIV/AIDS Surveillance Data Base, January 1998.

Seroprevalence of HIV-1 for Pregnant Women in Latin Caribbean



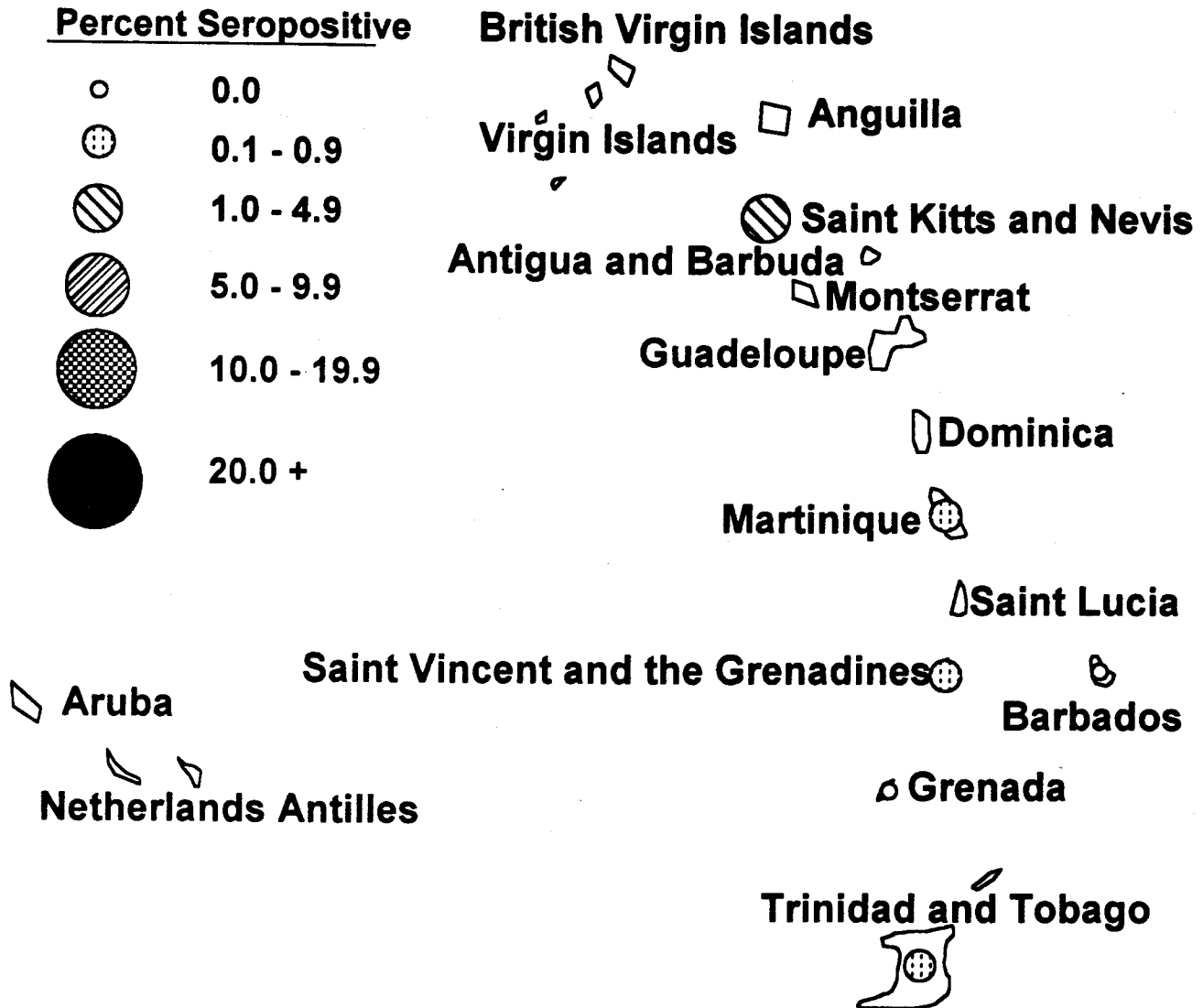
U.S. Bureau of the Census, Population Division,
 International Programs Center,
 HIV/AIDS Surveillance Data Base, January 1998.

Seroprevalence of HIV-1 for Sex Workers in the Central Caribbean



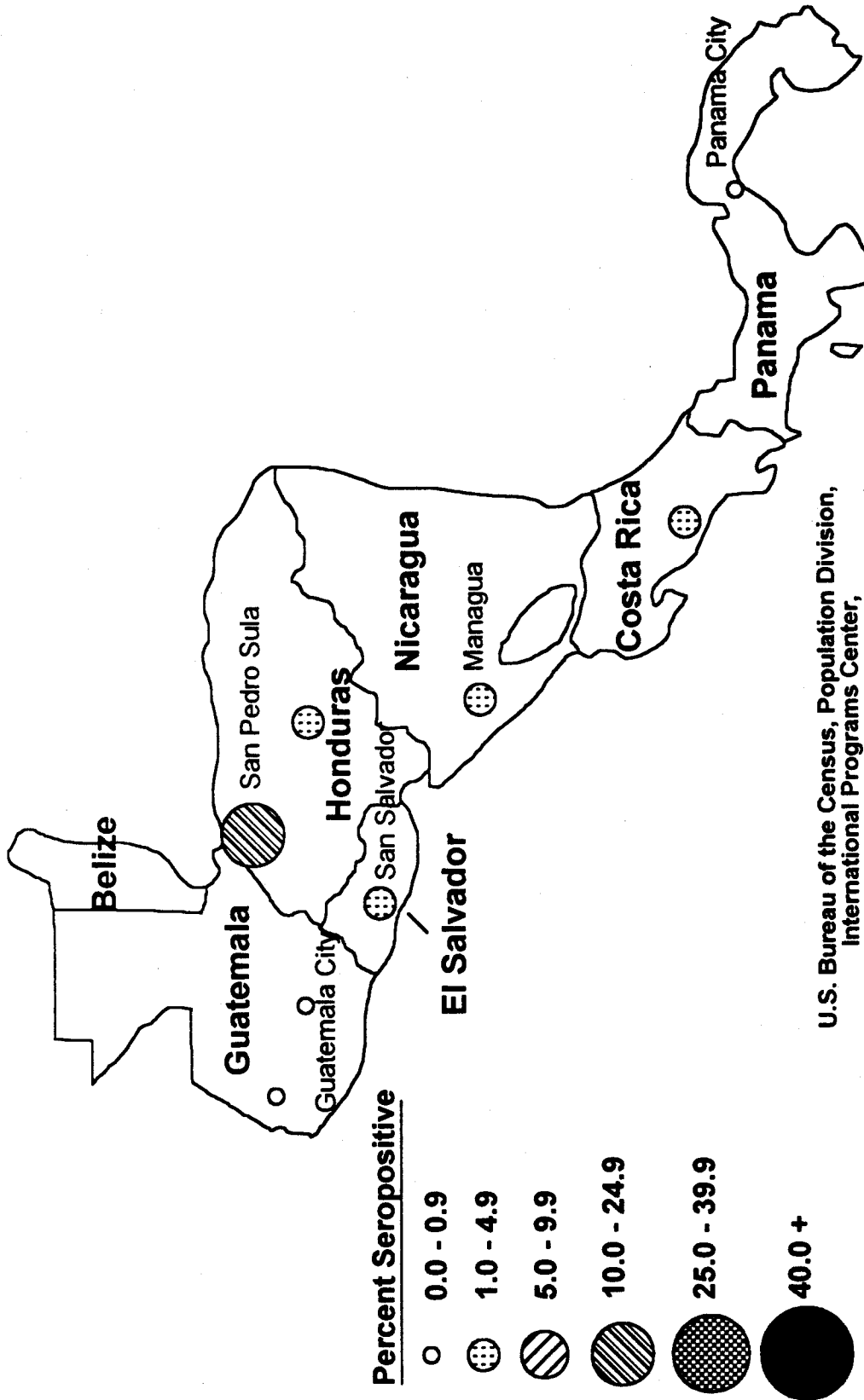
U.S. Bureau of the Census, Population Division,
International Programs Center,
HIV/AIDS Surveillance Data Base, January 1998.

Seroprevalence of HIV-1 for Pregnant Women in the Central Caribbean



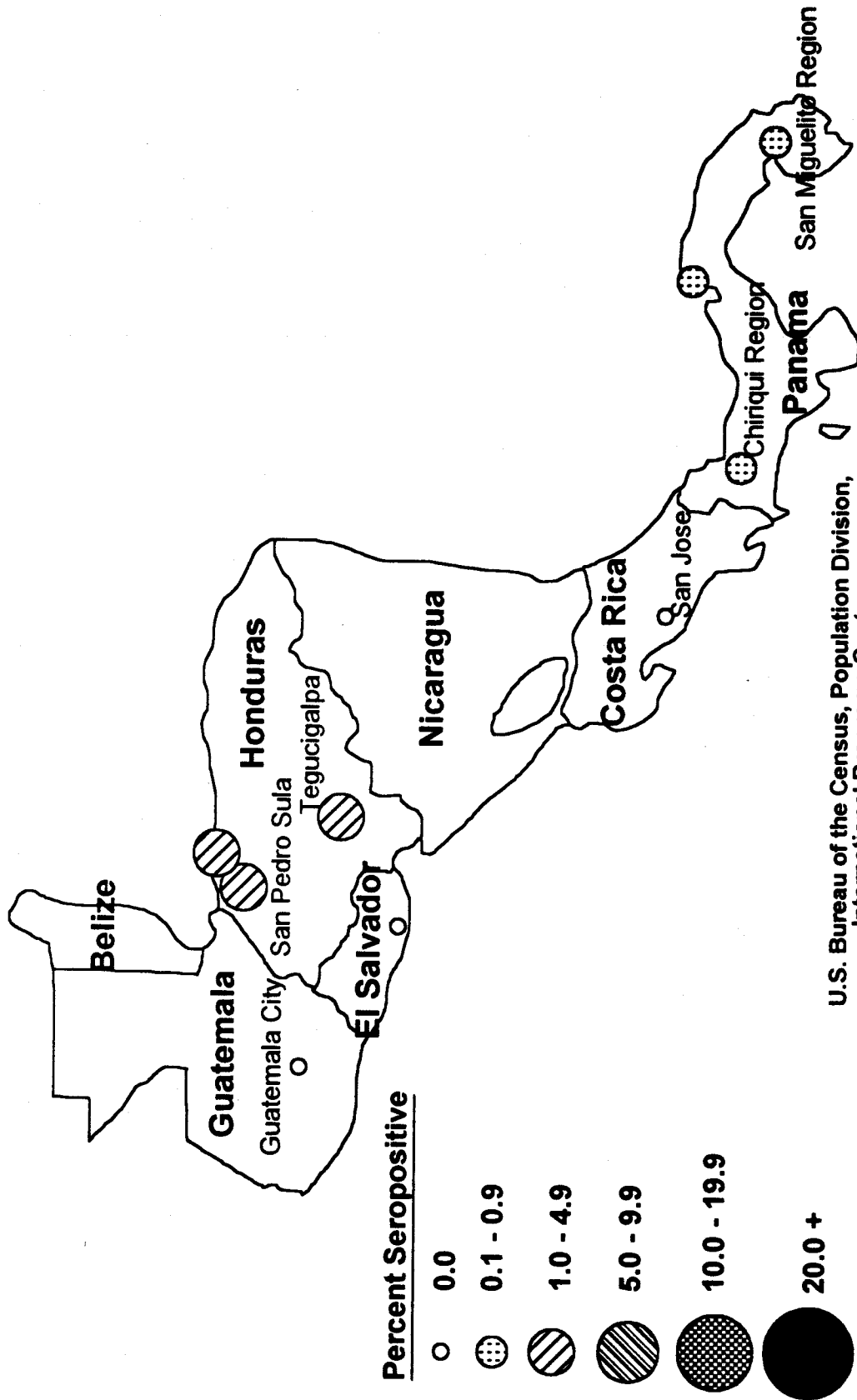
U.S. Bureau of the Census, Population Division,
 International Programs Center,
 HIV/AIDS Surveillance Data Base, January 1998.

Seroprevalence of HIV-1 for Sex Workers Central American Isthmus



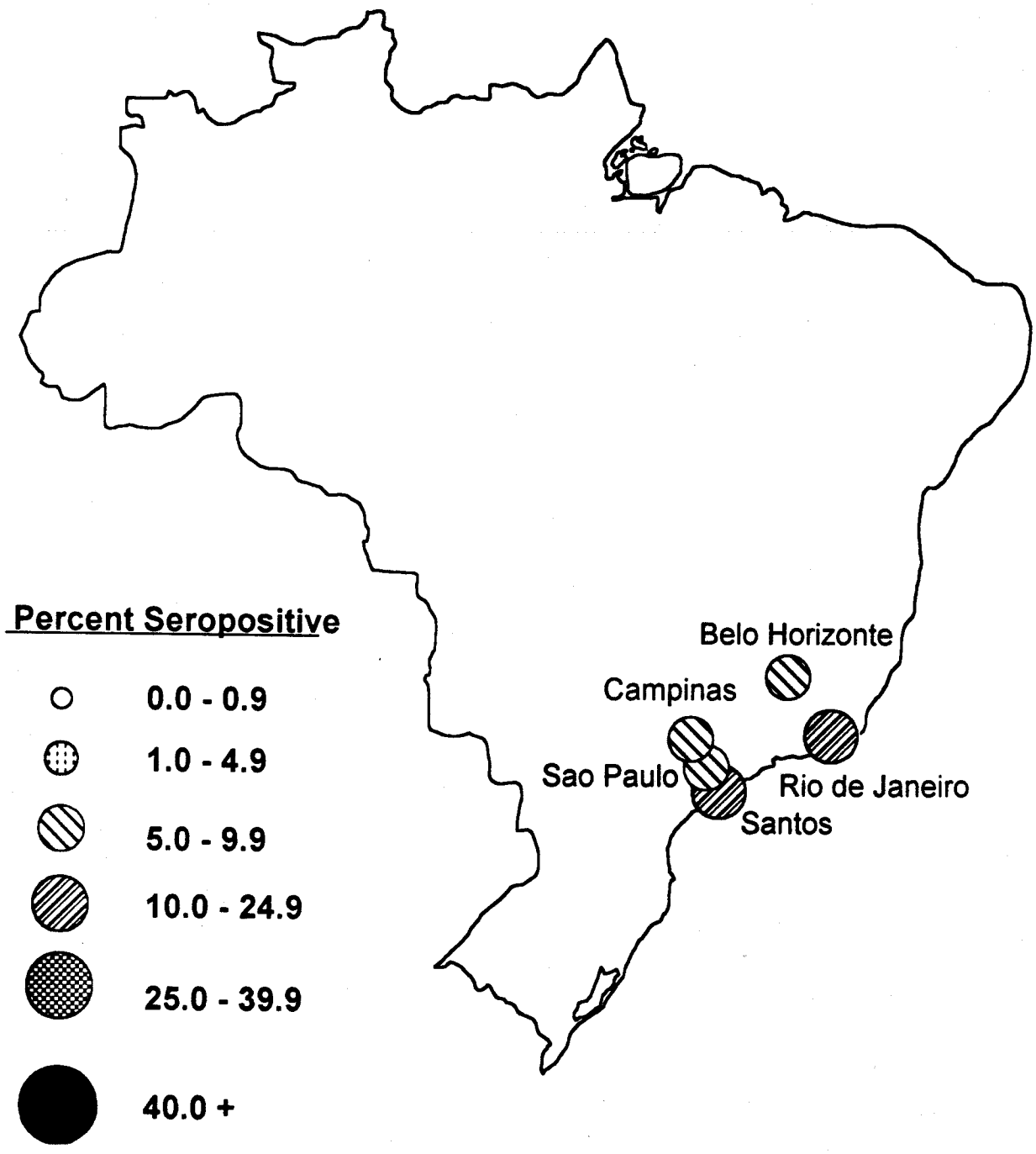
U.S. Bureau of the Census, Population Division,
International Programs Center,
HIV/AIDS Surveillance Data Base, January 1998.

Seroprevalence of HIV-1 for Pregnant Women Central American Isthmus



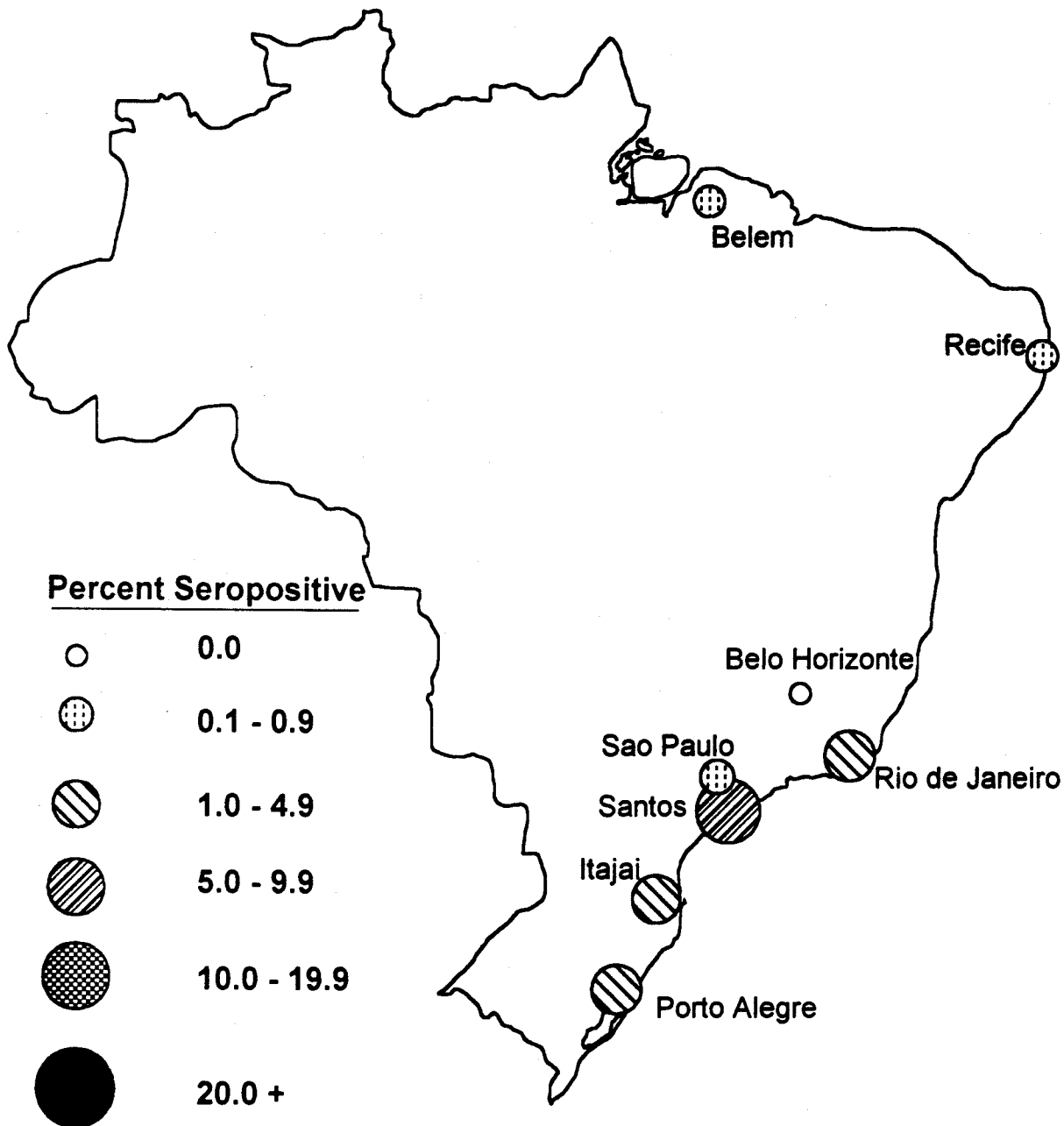
U.S. Bureau of the Census, Population Division,
International Programs Center,
HIV/AIDS Surveillance Data Base, January 1998.

Seroprevalence of HIV-1 for Sex Workers Brazil



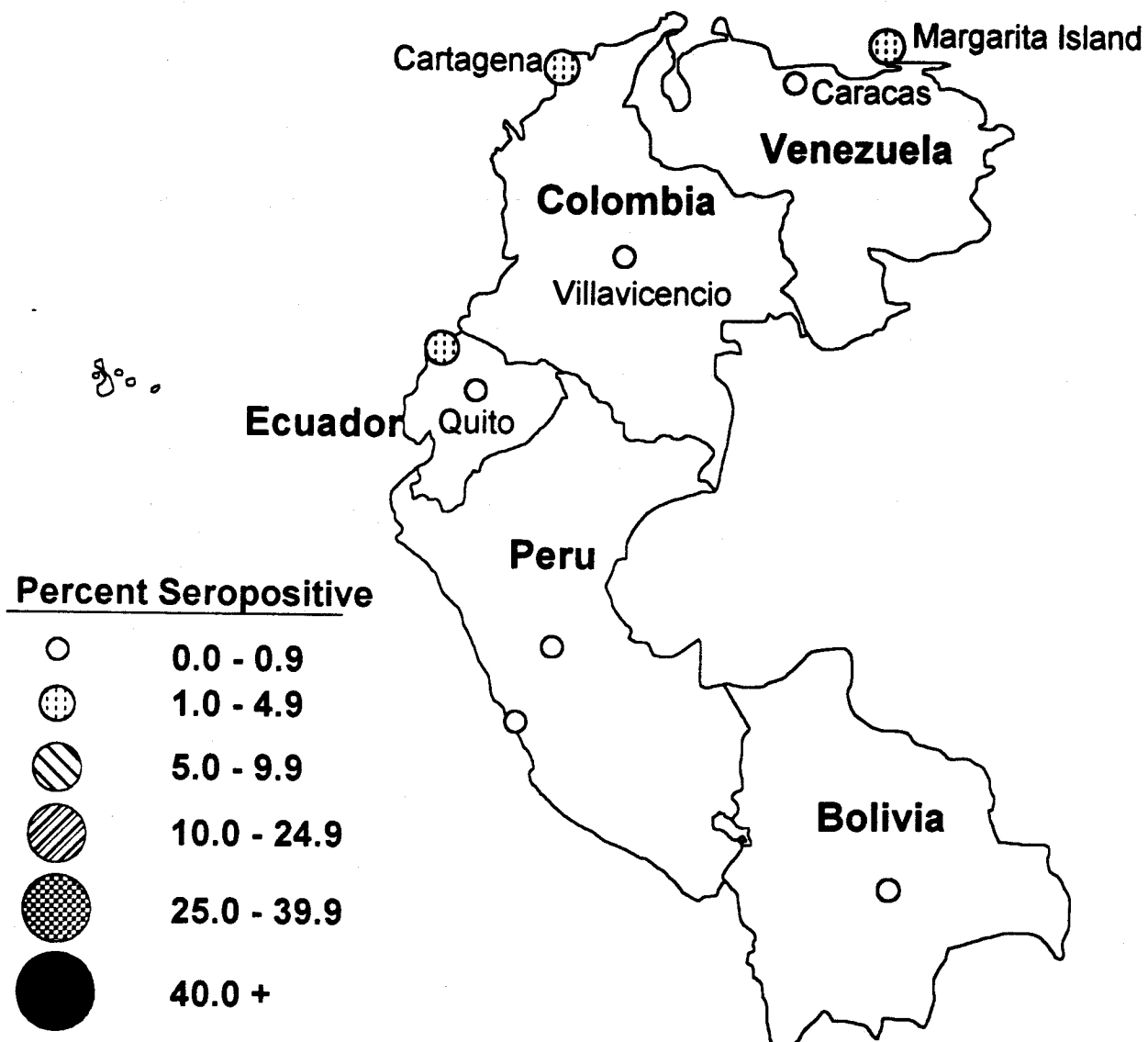
U.S. Bureau of the Census, Population Division,
International Programs Center,
HIV/AIDS Surveillance Data Base, January 1998.

Seroprevalence of HIV-1 for Pregnant Women Brazil



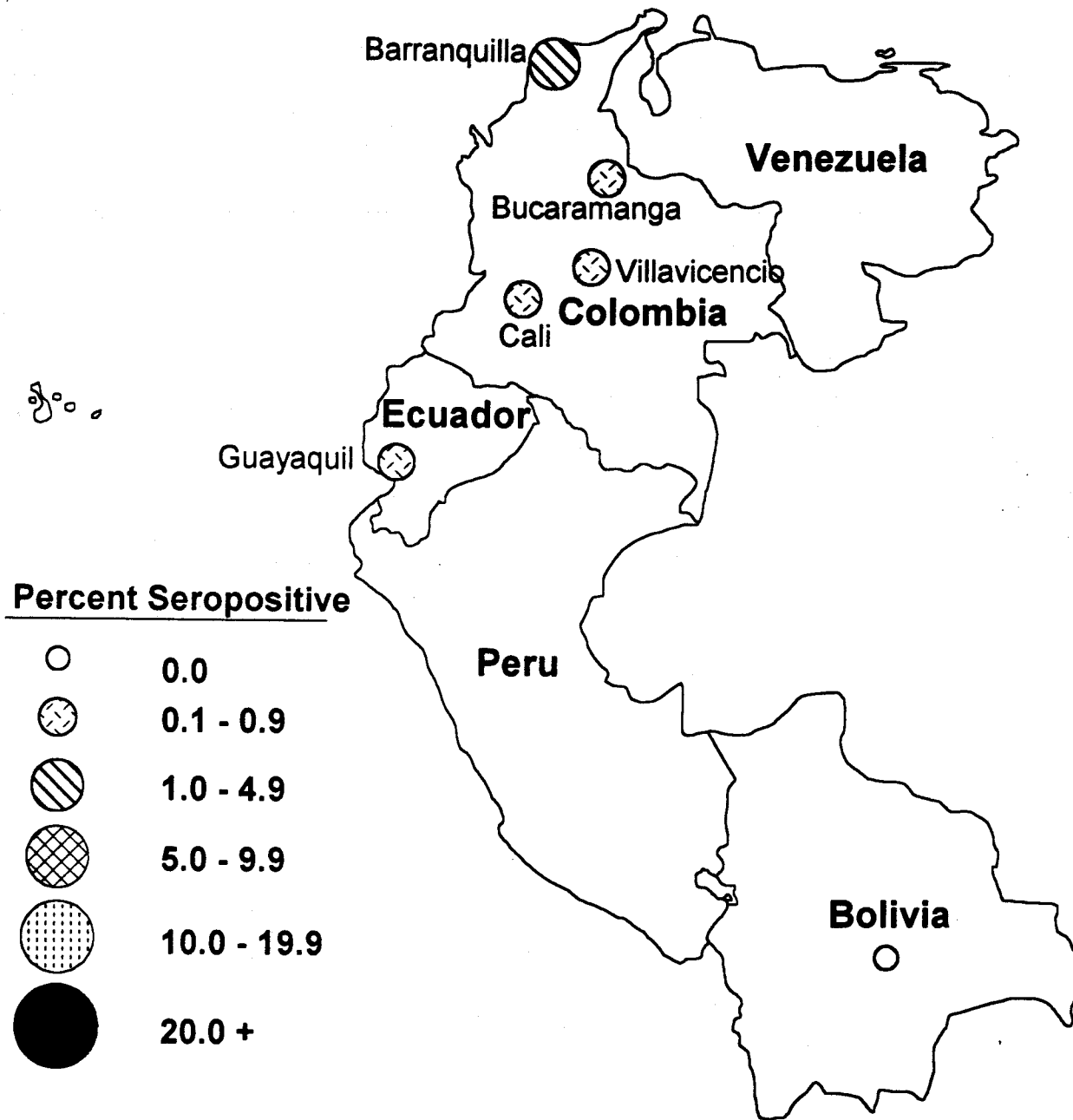
U.S. Bureau of the Census, Population Division,
International Programs Center,
HIV/AIDS Surveillance Data Base, January 1998.

Seroprevalence of HIV-1 for Sex Workers in the Andean Area



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Seroprevalence of HIV-1 for Pregnant Women in the Andean Area



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Table 1: Estimates of HIV-1 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1996

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
Sierra Leone	-	26.7	-	-		K0209		
Somalia	-	-	-	-				
South Africa	19.9 b	20.1 c	15.8 b	-	C0239	R0123	C0239	
Sudan	3.0 b	-	-	-	W0122			
Swaziland	26.3 b	35.2	26.5	42.6	S0412	S0412	S0412	S0412
Tanzania	13.7	49.5	16.6 bc	34.3 b	M0473	O0051	T0160	R0090
* Togo	16.5	78.9	3.0	7.3 b	B0020	B0020	M0375	M0375
Tunisia	.0	-	-	-	B0169			
Uganda	15.3 bc	35.1 b	8.4 b	-	A0178	U0039	A0178	
Western Sahara	-	-	-	-				
Zambia	27.3 c	58.0	12.7	36.0	F0093	S0294	F0084	E0052
Zimbabwe	32.0	86.0	46.7	71.8	L0201	M0433	Z0061	Z0061
ASIA AND OCEANIA								
Bangladesh	.0	1.2 b	-	-	C0199	M0480		
Bhutan	.0	.0	-	-	B0313	B0313		
Burma	1.3 c	21.0 c	-	-	N0197	N0197		
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		
Guam	.1	-	-	-	W0112			
Hong Kong	.0	.1	-	-	W0112	L0156		
* India	2.5 b	28.6 a	.7	8.0	M0487	B0287	N0200	N0200
Indonesia	.0	.0	-	-	U0040	U0040		
Iran	.0	.0 c	.0	.0	R0155	E0055	R0155	I0041
Japan	.0	-	-	-	S0405			
Kiribati	.1	-	-	-	O0063			
Korea, South	.8	.0	-	-	W0112	S0301		
Laos	.8	1.2	-	-	M0309	P0122		
Macau	.0	-	-	-	W0112			
Malaysia	.0	29.5	.1	.9	W0112	S0215	J0058	J0058
Marshall Islands	.0	-	-	-	W0112			
Micronesia, Fedrtd States	.0	-	-	-	W0112			
Mongolia	.0	.0	-	-	W0112	M0340		
Nepal	.0	.6	-	1.1	W0128	W0128		W0128
New Caledonia	.1	-	-	-	W0112			
Pakistan	.6	3.7	-	-	P0144	P0144		
Palau	.0	.0	-	-	W0112	O0063		
Papua New Guinea	.2	1.9	.0	.0 c	M0506	M0506	I0028	I0028
Philippines	.0	.5	-	-	W0112	T0125		
Singapore	.0	3.7 b	-	-	W0112	G0161		
Solomon Islands	.0	.0	-	-	W0112	O0063		
Sri Lanka	.0	.0	.0	-	W0126	W0126	W0126	
Thailand	2.1	20.9 c	-	-	T0159	T0159		

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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 1996

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	-	-	-	-				
* Angola	1.2	-	.5	-	L0228		A0157	
* Benin	1.0 a	50.8 a	.0 a	26.8 b	A0177	B0269	A0177	D0145
Botswana	42.9	60.0	31.7 c	39.2 c	N0199	N0199	N0199	N0199
Burkina Faso	12.0	60.4	-	-	C0213	M0450		
Burundi	23.2	-	6.1	-	D0206		D0206	
* Cameroon	5.7 c	17.7 b	6.0	9.0	S0315	T0153	M0497	20045
Cape Verde	-	-	-	-				
Central African Rep.	9.3 c	34.0	10.0	-	S0398	G0176	S0398	
Chad	4.1	-	-	-	M0266			
Comoros	-	-	-	-				
Congo	7.1	17.5	4.0	-	B0270	M0502	M0503	
* Cote d'Ivoire	12.5 a	77.0 a	-	-	W0119	G0174		
Dem. Rep. Of Congo (Zaire)	4.3 c	30.3	4.0	25.4	K0236	N0184	G0143	G0092
Djibouti	4.0	37.7 c	-	-	D0207	D0207		
Egypt	.0	.3	.0	-	M0498	F0096	M0498	
Equatorial Guinea	1.8	5.7	.3	2.2	M0391	M0391	S0397	S0397
Eritrea	3.0 b	-	-	25.0 b	T0147			T0147
Ethiopia	17.5 c	43.0 b	8.6	65.6	F0096	S0400	E0048	N0083
* Gabon	4.2 c	-	1.2	-	G0195		A0128	
* Gambia, The	.6 a	13.6 a	-	-	O0083	M0117		
* Ghana	3.6 a	9.5 a	3.0 a	-	G0198	G0198	G0198	
* Guinea	.7 a	36.6	.3	-	M0334	B0271	J0028	
* Guinea-Bissau	2.6 a	-	.5 a	-	A0167		W0082	
Kenya	24.6 b	85.5	10.3	33.6	B0288	M0243	B0288	N0194
Lesotho	31.1 b	35.6	8.7 b	16.2	L0235	M0515	L0235	L0227
Liberia	4.0	5.9 b	-	-	L0214	L0214		
Libya	-	-	-	-				
Madagascar	.1	.3	.1	.3	R0143	R0143	A0179	A0179
Malawi	34.0	70.4	15.9	-	K0239	K0233	K0239	
* Mali	4.4	55.5	2.2	52.8 c	M0452	M0452	C0207	M0331
* Mauritania	.5 a	.9	-	1.7	A0166	A0166		A0173
Mauritius	-	.8	-	-		P0074		
Mayotte	-	-	-	-				
* Morocco	.2	1.4	-	-	R0099	M0470		
* Mozambique	2.7	7.6 b	1.5 a	-	N0195	D0194	C0183	
Namibia	17.6	18.2 b	10.3	-	M0488	E0051	M0488	
* Niger	1.3 a	12.6 a	.9 b	-	M0394	S0258	G0194	
* Nigeria	6.7 a	29.1 c	2.5	17.0	O0089	N0176	N0176	N0176
Reunion	-	-	-	-				
Rwanda	32.7	56.5 b	10.2	11.7 b	N0188	N0188	N0188	N0188
St. Helena	-	-	-	-				
Sao Tome & Principe	-	-	-	-				
* Senegal	1.7 a	10.1 a	.6 a	9.2 a	K0200	M0420	M0420	M0420
Seychelles	-	-	-	-				

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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 1996

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
Trinidad & Tobago	1.0 b	13.5b	-	-	L0234	T0162		
Uruguay	.1 c	10.7c	-	-	B0297	B0297		
		0.3c			B0302	B0302		
						B0297		
						B0302		
Venezuela	.1	6.1b	-	-	E0024	E0024		

- No Data found

* See table 2 for HIV-2 data

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, 1/98 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 1996

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
Tonga	.0	-	-	-	W0112			
Turkey	.0	-	-	-	Y0022			
Tuvalu	.0 b	-	-	-	W0112			
Vanuatu	.0	-	-	-	W0112			
Vietnam	.3	39.5	.0	.6	N0182	N0182	N0182	N0182
		1.2		.0		N0182		N0182
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			
Belize	.2	-	-	-	S0416			
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	.4	-	G0184	G0184	G0184	
Costa Rica	.0	1.6	-	-	L0223	L0223		
Cuba	.0	.0	-	-	M0484	S0389		
Dominican Rep.	2.0	6.2 c	2.3	-	P0157	P0156	P0157	
						P0157		
Ecuador	.3	3.6	-	-	B0300	R0104		
El Salvador	.5	6.0	-	-	D0202	D0202		
Guatemala	.4	1.1	-	.8	C0251	C0251		C0250
Guyana	6.9	25.0	-	-	G0137	F0065		
Haiti	8.4	70.0 b	4.0	-	B0245	K0205	A0097	
Honduras	4.1 b	20.5 b	1.4 b	-	M0495	M0495	M0495	
Jamaica	2.0	24.6	-	-	J0059	D0193		
Mexico	.6 b	.1 b	-	-	G0151	C0218		
Panama	.8	-	-	-	P0162			
St. Kitts & Nevis	2.0 c	-	-	-	S0227			
					S0241			
					S0242			
St. Lucia		1.2 c	-	-		S0217		
						S0218		
						S0220		
						S0221		
St. Vincent & Grenadines	.2	1.4 c	-	-	S0235	S0234		
						S0235		
						S0236		

Table 3: Detailed Listing of Estimates of HIV-1 and 2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1996

Region/ Country	Risk Geographic Area Area	Year	Sub-population	Sex	Age	Prev. Rate	Sample Data Size Type	Test Type	Source ID
*AFRICA									
ANGOLA	+ UL LUANDA	1995	PREGNANT WOMEN	F	ALL	1.2	1000 HIV1	ELISA/RAPID	L0228
	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 COTONOU	1994	PREGNANT WOMEN	F	ALL	1.0 a	500 HIV1	ELISA*2,WB	A0177
	+ UL2 COTONOU	1994	PREGNANT WOMEN	F	ALL	.4 a	500 HIV2	ELISA*2,WB	A0177
	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 ZINVIE/RURAL	1994	PREGNANT WOMEN	F	ALL	.0 a	381 HIV1	ELISA*2,WB	A0177
	+ OL2 ZINVIE/RURAL	1994	PREGNANT WOMEN	F	ALL	.3 a	381 HIV2	ELISA*2,WB	A0177
	+ OH ZOU PROVINCE	1993	PROSTITUTES	F	ALL	26.8 b	71 HIV1,2	ELISA*2,WB	D0145
BOTSWANA	+ UL FRANCISTOWN	1997	PREGNANT WOMEN	F	ALL	42.9	802 HIV	UNK	N0199
	+ UH FRANCISTOWN	1997	STD PTS.	M	ALL	60.0	343 HIV	UNK	N0199
	+ OL FIVE DISTRICTS	1997	PREGNANT WOMEN	F	ALL	31.7 c	1305 HIV	UNK	N0199
	+ OH FOUR DISTRICTS	1997	STD PTS.	M	ALL	39.2 c	515 HIV	UNK	N0199
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	1993	PREGNANT WOMEN	F	ALL	23.2	267 HIV	UNK	D0206
	+ OL KIREMBA(RURAL)	1993	PREGNANT WOMEN	F	ALL	6.1	229 HIV	UNK	D0206
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 YAOUNDE	1995	PROSTITUTES	F	ALL	17.7 b	N/A HIV	UNK	T0153
	+ OL BERTOJA	1995	PREGNANT WOMEN	F	ALL	6.0	298 HIV	ELISA*2	M0497
	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/2 SITES	1994	PREGNANT WOMEN	F	ALL	9.3 c	300 HIV1	ELISA,WB	S0398
	+ UH BANGUI	1994-95	STD CLINIC PTS.	F	ALL	34.0	397 HIV	ELISA*3	G0176
	+ OL BANGASSOU	1994	PREGNANT WOMEN	F	ALL	10.0	160 HIV1	ELISA,WB	S0398
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	17.5	400 HIV1	ELISA	M0502
	+ OL OWANDO(SEMRUR)	1993	PREGNANT WOMEN	F	ALL	4.0	592 HIV	ELISA	M0503
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
DEMOCRATIC REPUBLIC OF CONGO (ZAIRE)	+ UL KINSHASA/2 SITES	1995	PREGNANT WOMEN	F	ALL	4.3 c	813 HIV1,2	RAPID	K0236
	UH KINSHASA	1995	PROSTITUTES	F	ALL	30.3	601 HIV	UNK	N0184
	+ OL KIMPESE(RURAL)	1993	PREGNANT WOMEN	F	ALL	4.0	1248 HIV	ELISA*2,WB	G0143
	OH HAUT-ZAIRE REG.	1991(?)	PROSTITUTES	F	ALL	25.4	126 HIV1	ELISA,IFA/WB	G0092
DJIBOUTI	+ UL DJIBOUTI	1993	PREGNANT WOMEN	F	ALL	4.0	352 HIV	UNK	D0207
	+ UH DJIBOUTI	1993	STREET/BAR PROSTITUTES	F	ALL	37.7 c	724 HIV	UNK	D0207

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Table 2: Estimates of HIV-2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1996

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	.4 a	12.9a	.3 a	-	A0177	B0269	A0177	
* Cameroon	.0	-	-	.0	Z0045			Z0045
* Cote d'Ivoire	2.0 a	32.7a	-	-	W0119	G0174		
* Gabon	.8 a	-	-	-	M0326			
* Gambia, The	1.2 a	26.7a	-	-	O0083	H0117		
* Ghana	1.6 a	2.6a	1.3 a	-	G0198	G0198	G0198	
* Guinea	.4 a	-	.1	-	M0334		J0028	
* Guinea-Bissau	5.0 a	-	8.3 a	-	A0167		W0082	
* Mali	-	-	.7	-			C0207	
* Mauritania	.2 a	-	-	-	A0166			
* Morocco	.0	-	-	-	Z0022			
* Mozambique	-	-	.5 a	-			C0183	
* Niger	.0 a	6.3a	.6 a	-	M0394	S0258	G0194	
* Nigeria	1.6 a	-	-	-	O0089			
* Senegal	.4 a	8.0a	1.0 a	27.6 a	K0200	M0420	M0420	M0420
* Togo	-	-	.0	-			M0375	
ASIA/OCEANIA								
* China, Taiwan	-	.0	-	-		H0092		
* India	-	7.0a	-	-		B0287		

- No Data found

* See table 1 for HIV-1 data

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, 1/98 Update

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

Table 3: Detailed Listing of Estimates of HIV-1 and 2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1996

Region/ Country	Risk Area	Geographic Area	Year	Sub-population	Sex	Age	Prev. Rate	Sample Size	Data Type	Test Type	Source ID
LIBERIA	+ UL	MONROVIA	1993	PREGNANT WOMEN	F	ALL	4.0	202	HIV	UNK	L0214
	+ UH	MONROVIA	1993	STD PTS.	B	ALL	5.2 b	96	HIV	UNK	L0214
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	THREE PROVINCE	1996	PREGNANT WOMEN	F	ALL	.1	1584	HIV	UNK	A0179
	+ OH	THREE PROVINCE	1996	PROSTITUTES	F	ALL	.3	1258	HIV	UNK	A0179
MALAWI	+ UL	BLANTYRE	1996	PREGNANT WOMEN	F	ALL	34.0	400	HIV	ELISA	K0239
	UH	BLANTYRE	1995	STD CLINIC PTS.	B	ALL	70.4	250	HIV	ELISA	K0233
	+ OL	MACHINGA DST/RUR	1996	PREGNANT WOMEN	F	ALL	15.9	145	HIV	RAPID,ELISA	K0239
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	KAYES	1994	PREGNANT WOMEN	F	ALL	2.2	412	HIV1	RAPID	C0207
	+ OL2	KAYES	1994	PREGNANT WOMEN	F	ALL	.7	412	HIV2	RAPID	C0207
	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
	+ OH	FOUR CITIES	1996(?)	STD PTS.	B	ALL	1.7	628	HIV	ELISA*2	A0173
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	260	HIV1,2	ELISA,RAPID	N0195
	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
	+ UH	WINDHOEK	1993-94	STD PTS.	B	ALL	18.2 b	N/A	HIV	UNK	E0051
	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	.9 a	650	HIV1	UNK	G0194
	+ OL2	TAHOJA REG/RURAL	1992	PREGNANT WOMEN	F	ALL	.6 a	650	HIV2	UNK	G0194
NIGERIA	+ UL	IBADAN	1995	PREGNANT WOMEN	F	ALL	6.7 a	314	HIV1	ELISA*2,WB	O0089
	+ UL2	IBADAN	1995	PREGNANT WOMEN	F	ALL	1.6 a	314	HIV2	ELISA*2,WB	O0089
	UH	LAGOS ST/3 SITES	1993-94	PROSTITUTES	F	ALL	29.1 c	292	HIV	ELISA*2,RAPID	N0176
	+ OL	CROSS R.ST/OGAJA	1993-94	PREGNANT WOMEN	F	ALL	2.5	400	HIV	ELISA*2,RAPID	N0176
	+ OH	DELTA ST./AGBOR	1993-94	PROSTITUTES	F	ALL	17.0	100	HIV	ELISA*2,RAPID	N0176
RWANDA	+ UL	KIGALI	1996	PREGNANT WOMEN	F	ALL	32.7	346	HIV	UNK	N0188
	+ UH	KIGALI	1996	STD PTS.	B	ALL	56.5 b	N/A	HIV	UNK	N0188
	+ OL	NYAGATARE	1996	PREGNANT WOMEN	F	ALL	10.2	186	HIV	UNK	N0188
	+ OH	RULI(RURAL)	1996	STD PTS.	B	ALL	11.7 b	N/A	HIV	UNK	N0188

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Region/ Country	Risk Area	Geographic Area	Year	Sub-population	Sex	Age	Prev. Rate	Sample Size	Data Type	Test Type	Source ID
EGYPT	+ UL	CAIRO	1994	PREGNANT WOMEN	F	ALL	.0	358	HIV	UNK	M0498
	+ UH	CAIRO	1993	STD CLINIC PTS.	M	ALL	.3	300	HIV	UNK	F0092
	+ OL	ASWAN	1993	PREGNANT WOMEN	F	ALL	.0	105	HIV	UNK	M0498
EQUATORIAL GUINEA	+ UL	URBAN AREA	1992	PREGNANT WOMEN	F	ALL	1.8	613	HIV1,2	ELISA,RAPID	M0391
	+ UH	URBAN AREA	1992	STD PTS.	B	ALL	5.7	211	HIV1,2	ELISA,RAPID	M0391
	+ OL	INSULAR REGION	1995	PREGNANT WOMEN	F	ALL	.3	761	HIV1	RAPID,ELISA,WB	S0397
	+ OH	INSULAR REGION	1995	STD PTS.	B	ALL	2.2	274	HIV1	RAPID,ELISA,WB	S0397
ERITREA	+ UL	NOT SPECIFIED	1994	PREGNANT WOMEN	F	ALL	3.0 b	N/A	HIV	UNK	T0147
	+ OH	NOT SPECIFIED	1994	PROSTITUTES	F	ALL	25.0 b	N/A	HIV	UNK	T0147
ETHIOPIA	+ UL	ADDIS ABABA/4S	1996	PREGNANT WOMEN	F	ALL	17.5 c	1149	HIV	UNK	F0096
	+ UH	ADDIS ABABA	1992	STD PTS.	B	ALL	43.0 b	N/A	HIV	UNK	S0400
	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	M0083
GABON	+ UL	LIBREVILLE/3S	1995	PREGNANT WOMEN	F	ALL	4.2 c	337	HIV	UNK	G0195
	UL2	FRANCEVILLE	1993(?)	ADULTS	B	ALL	.8 a	674	HIV2	ELISA,WB	M0326
	+ OL	ESTUAIRE PROV.	1993	PREGNANT WOMEN	F	ALL	1.2	248	HIV	ELISA,LIA	A0128
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	1996	PREGNANT WOMEN	F	ALL	3.6 a	500	HIV1	ELISA,RAPID,LIA	G0198
	+ UL2	KUMASI	1996	PREGNANT WOMEN	F	ALL	1.6 a	500	HIV2	ELISA,RAPID,LIA	G0198
	+ UH	KUMASI	1996	STD PTS.	B	ALL	9.5 a	232	HIV1	ELISA,RAPID,LIA	G0198
	+ UH2	KUMASI	1996	STD PTS.	B	ALL	2.6 a	232	HIV2	ELISA,RAPID,LIA	G0198
	+ OL	JIRAPA(SEMRUR)	1996	PREGNANT WOMEN	F	ALL	3.0 a	230	HIV1	ELISA,RAPID,LIA	G0198
	+ OL2	JIRAPA(SEMRUR)	1996	PREGNANT WOMEN	F	ALL	1.3 a	230	HIV2	ELISA,RAPID,LIA	G0198
GUINEA	UL	CONAKRY	1991	BLOOD DONORS - VOL.	B	ALL	.7 a	2003	HIV1	ELISA,WB	M0334
	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	1995	PREGNANT WOMEN	F	ALL	24.6 b	N/A	HIV	UNK	B0288
	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
	+ OH	KISUMU	1992	STD PTS.	B	ALL	33.6	122	HIV	UNK	M0194
LESOTHO	+ UL	MASERU	1994	PREGNANT WOMEN	F	ALL	31.1 b	N/A	HIV	UNK	L0235
	+ UH	MASERU	1993-94	STD PTS. W/ GU	B	ALL	35.6	104	HIV	ELISA,WB,IFA	M0515
	+ OL	LERIBE DISTRICT	1994	PREGNANT WOMEN	F	ALL	8.7 b	N/A	HIV	UNK	L0235
	+ OH	LERIBE DISTRICT	1993	STD PTS.	B	ALL	16.2	364	HIV	ELISA*2	L0227

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Region/ Country	Risk Geographic Area Area	Year	Sub-population	Sex	Age	Prev. Rate	Sample Data Size Type	Test Type	Source ID
*ASIA & OCEANIA									
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 13 DISTRICTS	1993(?)	PREGNANT WOMEN	F	ALL	.0	690 HIV	UNK	B0313
	+ UH 13 DISTRICTS	1993(?)	STD PTS.	B	ALL	.0	671 HIV	UNK	B0313
BURMA	+ UL 14/15 SITES	1996	PREGNANT WOMEN	F	ALL	1.3 c	5638 HIV	ELISA,RAPID	N0197
	+ UH RANGOON/MANDALAY	1996	PROSTITUTES	F	ALL	21.0 c	400 HIV	ELISA,RAPID	N0197
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	O0063
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	O0063
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 MUMBAI (BOMBAY)	1995	PREGNANT WOMEN	F	20+	2.5 b	N/A HIV	UNK	M0487
	UH MUMBAI (BOMBAY)	1995	STD PTS.	M	ALL	28.6 a	300 HIV1	ELISA,RAPID,WB	B0287
	UH2 MUMBAI (BOMBAY)	1995	STD PTS.	M	ALL	7.0 a	300 HIV2	ELISA,RAPID,WB	B0287
	+ OL MANIPUR STATE	1996	PREGNANT WOMEN	F	ALL	.7	591 HIV	UNK	N0200
	+ OH NAGPUR	1996	STD PTS.	B	ALL	8.0	400 HIV	UNK	N0200
INDONESIA	+ UL SEVERAL PROVINCE	1995-96	PREGNANT WOMEN	F	ALL	.0	10998 HIV	ELISA/WB	U0040
	+ UH SEVERAL PROVINCE	1995-96	PROSTITUTES	F	ALL	.0	23344 HIV	ELISA/WB	U0040
IRAN	+ UL TEHRAN	1993	PREGNANT WOMEN	F	ALL	.0	334 HIV	ELISA*2	R0155
	+ UH TEHRAN/2 SITES	1994	STD PTS.	B	ALL	.0 c	700 HIV	UNK	E0055
	+ OL ISFAHAN PROVINCE	1992	PREGNANT WOMEN	F	ALL	.0	246 HIV	ELISA*2,WB	R0155
	+ OH EVIN	1994	PROSTITUTES	F	ALL	.0	400 HIV	UNK	I0041
JAPAN	+ UL SEL. PREFECTURES	1996	PREGNANT WOMEN	F	ALL	.0	110481 HIV	UNK	S0405
KIRIBATI	UL NOT SPECIFIED	1991-93	BLOOD DONORS	B	ALL	.1	1694 HIV	UNK	O0063

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Region/ Country	Risk Area	Geographic Area	Year	Sub-population	Sex	Age	Prev. Rate	Sample Size	Data Type	Test Type	Source ID
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
SOUTH AFRICA	+ UL	NATAL/KWAZULU PR	1996	PREGNANT WOMEN	F	ALL	19.9 b	N/A	HIV	UNK	C0239
	UH	JOHANNESBURG	1994	STD PTS.	B	ALL	20.1 c	4395	HIV	UNK	R0123
	+ OL	MPUMALANGA PROV.	1996	PREGNANT WOMEN	F	ALL	15.8 b	N/A	HIV	UNK	C0239
SUDAN	+ UL	JUBA	1995	PREGNANT WOMEN	F	ALL	3.0 b	N/A	HIV	UNK	W0122
SWAZILAND	+ UL	HHOHHO REGION	1996	PREGNANT WOMEN	F	ALL	26.3	707	HIV	ELISA	S0412
	+ UH	HHOHHO REGION	1996	STD CLINIC PTS.	M	ALL	35.2	293	HIV	ELISA	S0412
	+ OL	LUBOMBO REGION	1996	PREGNANT WOMEN	F	ALL	26.5	961	HIV	ELISA	S0412
	+ OH	LUBOMBO REGION	1996	STD CLINIC PTS.	M	ALL	42.6	460	HIV	ELISA	S0412
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 RG/6 RURAL	1995	PREGNANT WOMEN	F	ALL	16.6 bc	N/A	HIV	UNK	T0160
	OH	MBEYA REGION	1992	STD PTS.	B	ALL	34.3 b	N/A	HIV	ELISA*2,WB	R0090
TOGO	+ UL	LOME	1992	PREGNANT WOMEN	F	ALL	16.5	485	HIV1,2	ELISA	B0020
	+ UH	LOME	1992	PROSTITUTES	F	ALL	78.9	123	HIV1,2	ELISA	B0020
	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
UGANDA	+ UL	KAMPALA/2 SITES	1996	PREGNANT WOMEN	F	ALL	15.3 bc	N/A	HIV	ELISA	A0178
	+ UH	KAMPALA	1996	STD CLINIC PTS.	F	ALL	35.1 b	N/A	HIV	ELISA*2	U0039
	+ OL	MBALE(SEMIRURAL)	1996	PREGNANT WOMEN	F	ALL	8.4 b	N/A	HIV	ELISA	A0178
ZAMBIA	+ UL	LUSAKA/4 SITES	1994	PREGNANT WOMEN	F	ALL	27.3 c	1824	HIV	RAPID*2,ELISA,WB	F0093
	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 DST/RUR	1990	STD CLINIC PTS.	B	ALL	36.0	100	HIV1	ELISA	E0052
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	CHIREDDZI	1996	PREGNANT WOMEN	F	ALL	46.7	276	HIV	UNK	Z0061
	+ OH	MASVINGO	1996	STD PTS.	B	ALL	71.8	206	HIV	UNK	Z0061

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Region/ Country	Risk Area	Geographic Area	Year	Sub-population	Sex	Age	Prev. Rate	Sample Size	Data Type	Test Type	Source ID
THAILAND	+ UL	CENTRAL REGION	1996	PREGNANT WOMEN	F	ALL	2.1	22939	HIV	UNK	T0159
	+ UH	CENTRAL REGION	1996	PROSTITUTES	F	ALL	20.9 c	4597	HIV	UNK	T0159
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
VIETNAM	+ UL	HO CHI MINH	1996	PREGNANT WOMEN	F	ALL	.3	770	HIV	ELISA,WB	N0182
	+ UH	HO CHI MINH	1996	IVDU	B	ALL	39.5	915	HIV	ELISA,WB	N0182
	+ UH	HO CHI MINH	1996	PROSTITUTES	F	ALL	1.2	888	HIV	ELISA,WB	N0182
	+ OL	NAM HA PROVINCE	1996	PREGNANT WOMEN	F	ALL	.0	779	HIV	ELISA,WB	N0182
	+ OH	NAM HA PROVINCE	1996	IVDU	B	ALL	.6	496	HIV	ELISA,WB	N0182
	+ OH	NAM HA PROVINCE	1996	PROSTITUTES	F	ALL	.0	214	HIV	ELISA,WB	N0182
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
BELIZE	+ UL	NATIONAL	1993	PREGNANT WOMEN	F	ALL	.2	548	HIV1	ELISA,WB	S0416
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

Table 3: Detailed Listing of Estimates of HIV-1 and 2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1996

Region/ Country	Risk Geographic Area Area	Year	Sub-population	Sex	Age	Prev. Rate	Sample Data Size Type	Test Type	Source ID
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
	+ OL SABAH STATE	1996	PREGNANT WOMEN	F	ALL	.1	1502 HIV	UNK	J0058
	+ OH SABAH STATE	1996	STD PTS.	B	ALL	.9	115 HIV	UNK	J0058
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 KATHMANDU	1992	PREGNANT WOMEN	F	ALL	.0	346 HIV	UNK	W0128
	+ UH KATHMANDU	1992	PROSTITUTES	F	ALL	.6	172 HIV	UNK	W0128
	+ OH CHAUTARA	1992	PROSTITUTES	F	ALL	1.1	175 HIV	UNK	W0128
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	O0063
PAPUA NEW GUINEA	+ UL PORT MORESBY	1995	PREGNANT WOMEN	F	ALL	.2	3653 HIV	ELISA,RAPID	M0506
	+ UH PORT MORESBY	1995	STD PTS.	B	ALL	1.9	1235 HIV	ELISA,RAPID	M0506
	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	O0063
SRI LANKA	+ UL COLOMBO	1993	PREGNANT WOMEN	F	ALL	.0	600 HIV	ELISA	W0126
	+ UH COLOMBO	1993	PROSTITUTES	F	ALL	.0	215 HIV	ELISA	W0126
	+ OL RATNAPURA	1993	BLOOD DONORS	B	ALL	.0	355 HIV	ELISA	W0126

Table 3: Detailed Listing of Estimates of HIV-1 and 2 Seroprevalence, by Residence and Risk Factor, for Developing Countries: Circa 1996

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	1995/96	PREGNANT WOMEN	F	ALL	1.0 b	N/A	HIV	ELISA	L0234
	+ UH	PORT OF SPAIN	1993-95	STD CLINIC PTS.	M	ALL	13.5 b	N/A	HIV1	WB	T0162
URUGUAY	UL	MONTEVIDEO	1996	BLOOD DONORS	B	ALL	.1 c	34691	HIV1,2	ELISA,IFA/WB	B0297
	UH	MONTEVIDEO	1996	IVDU	B	ALL	10.7 c	216	HIV1,2	ELISA,IFA/WB	B0302
	UH	MONTEVIDEO	1996	PROSTITUTES	F	ALL	.3 c	1323	HIV1,2	ELISA,IFA/WB	B0297
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.

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, 1/98 Update

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