

ANNEX 2. COUNTRY DATA, BY REGION

Regional and subregional classification of countries and territories

The information from countries and territories considered to be malaria-endemic is presented from three broad global regions: Africa, Asia and the Americas, which are further divided into subregions. Groupings are based on geographical proximity and, secondarily, on existing WHO regional groupings.

AFRICA

Central Africa: Cameroon, Central African Republic, Chad, Congo, Democratic Republic of the Congo, Equatorial Guinea, Gabon, Sao Tome and Principe

East Africa: Burundi, Comoros, Djibouti, Eritrea, Ethiopia, Kenya, Mayotte, Rwanda, Somalia, Sudan, Uganda, United Republic of Tanzania

North Africa: Algeria, Egypt, Morocco

Southern Africa: Angola, Botswana, Madagascar, Malawi, Mauritius, Mozambique, Namibia, South Africa, Swaziland, Zambia, Zimbabwe

West Africa: Benin, Burkina Faso, Cape Verde, Côte d'Ivoire, Gambia, Ghana, Guinea, Guinea-Bissau, Liberia, Mali, Mauritania, Niger, Nigeria, Senegal, Sierra Leone, Togo

ASIA

Central Asia and Transcaucasia: Armenia, Azerbaijan, Georgia, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan

Eastern Mediterranean: Afghanistan, Iran (Islamic Republic of), Iraq, Oman, Pakistan, Saudi Arabia, Syrian Arab Republic, Turkey, Yemen

South-East Asia: Bangladesh, Bhutan, Democratic People's Republic of Korea, India, Indonesia, Myanmar, Nepal, Sri Lanka, Thailand, Timor-Leste

Western Pacific: Cambodia, China, Lao People's Democratic Republic, Malaysia, Papua New Guinea, Philippines, Republic of Korea, Solomon Islands, Vanuatu, Viet Nam

THE AMERICAS

Central America and the Caribbean: Belize, Costa Rica, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Mexico, Nicaragua, Panama

South America: Argentina, Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Paraguay, Peru, Suriname, Venezuela

Explanatory notes for regional tabulations

Data from country profiles for indicators based on the basic monitoring and evaluation framework (Table 1)(5) were re-tabulated by region and subregion for malaria-endemic countries using the country classification presented in Annex 2.

Table A.21 shows the reported cases and deaths per country for the most recent year for which WHO/RBM received data. For cases, besides the categories “probable/clinically diagnosed”, “laboratory-confirmed” and “imported” that are reported by countries, the table includes “standardized cases” (column 4 of table). Standardized cases were derived from the total reported number of cases and an appreciation of the proportion of these cases that were laboratory-confirmed (column 6). For countries where none of the reported cases were confirmed (“NR” in column 6), which includes most countries in Africa south of the Sahara, standardized cases are defined as probable/clinically diagnosed cases. For countries where all cases are laboratory-confirmed (“All” in column 6), standardized cases are laboratory-confirmed cases minus imported cases. For the few countries where some cases were laboratory-confirmed (“Some” in column 6, for Afghanistan, Somalia, Sudan and Yemen), standardized cases are the sum of the categories probable/clinically diagnosed and laboratory-confirmed, which were mutually exclusive for these countries.

The standardized case reporting rate (per 1000 per year, column 5) was calculated by dividing the standardized cases by the national population size estimated by the United Nations Population Division (2002 revision (52), column 3) for the middle of the year under consideration (column 2).

Standardized reported deaths (column 7) denotes, for countries where all cases are laboratory-confirmed, the malaria-attributed deaths based on confirmed cases (column 12). For countries reporting only probable/clinically diagnosed cases, standardized deaths denotes the malaria-attributed deaths based on probable/clinically diagnosed cases (column 10).

Percentage imported cases (column 19) denotes imported malaria cases (column 18) as a percentage of total confirmed cases (column 12).

Table A.22 shows standardized case reporting rates, by year between 1990 and 2003, calculated as described above.

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Table A.1 Summary of key strategies and policies of national malaria control programmes

Africa

Central	Manual ^a	Drug efficacy monitoring ^b	Home management of malaria	Vector control insecticide	Insecticide resistance monitoring ^b	ITNs	IPT	Epidemic preparedness
Cameroon		-						
CAR	2004	5						
Chad		4						
Congo		-						
DR Congo		8						
Equatorial Guinea		-						
Gabon		-						
Sao Tome & Principe	2004	-						
East								
Burundi		-						
Comoros		6						
Djibouti								
Eritrea		-			-			
Ethiopia	1995	-						
Kenya		6						
Rwanda		10						
Somalia		4						
Sudan	2004	10			12			
Uganda	2004	9			7			
UR Tanzania	2001	8			-			
North								
Algeria		-						
Egypt					-			
Morocco					9			
Southern								
Angola		8						
Botswana	1999	3						
Madagascar		2						
Malawi	1997	6			6			
Mauritius		-						
Mozambique		5						
Namibia	1995	3			4			
South Africa		5						
Swaziland		2			1			
Zambia		11			-			
Zimbabwe		12						

ANNEX 2. COUNTRY DATA, BY REGION

West	Manual ^a	Drug efficacy monitoring ^b	Home management of malaria	Vector control insecticide	Insecticide resistance monitoring ^b	ITNs	IPT	Epidemic preparedness
Benin		-						
Burkina Faso	2001	8			2			
Cape Verde		-						
Côte d'Ivoire		-						
Gambia		-						
Ghana	2004	6						
Guinea		-						
Guinea-Bissau		-						
Liberia		-						
Mali		4						
Mauritania		-						
Niger		3						
Nigeria	2001	6			1			
Senegal		-						
Sierra Leone		11						
Togo		6						

Asia
Central Asia and Transcaucasia

Armenia								
Azerbaijan								
Georgia								
Kyrgyzstan								
Tajikistan								
Turkmenistan								
Uzbekistan								

Eastern Mediterranean

Afghanistan	2003	4						
Iran (Islamic Republic of)	2004	5			4			
Iraq								
Oman					-			
Pakistan		4			-			
Saudi Arabia		-			4			
Syrian Arab Republic								
Turkey								
Yemen		4			2			

South-East Asia

Bangladesh	2002	4			5			
Bhutan	2000	2						
DPR Korea		2						
India	2001	13			72			
Indonesia		-						
Myanmar	2002	6			1			
Nepal	2001	3						
Sri Lanka	2004	-						
Thailand	2004	9			2			
Timor-Leste		-						

Table A.1 Summary of key strategies and policies of national malaria control programmes

Western Pacific	Manual ^a	Drug efficacy monitoring ^b	Home management of malaria	Vector control insecticide	Insecticide resistance monitoring ^b	ITNs	IPT	Epidemic preparedness
Cambodia		8			-			
China		4						
Lao PDR	2000	6			10			
Malaysia	1993	18			14			
Papua New Guinea		4						
Philippines		3			4			
Republic of Korea	2003							
Solomon Islands		8						
Vanuatu		2						
Viet Nam	2003	5			-			

The Americas

Central America & Caribbean

Belize		-						
Costa Rica		-						
Dominican Republic		-						
El Salvador		-						
Guatemala		-						
Haiti		-						
Honduras		-						
Mexico		-						
Nicaragua		-						
Panama		-						




South America

Argentina		-						
Bolivia		-						
Brazil	2001	7						
Colombia	2004	-						
Ecuador		-						
French Guiana		-						
Guyana		-						
Paraguay		-						
Peru		-						
Suriname	2004	3						
Venezuela		-						

Notes:

Please refer to explanatory notes for regional tabulations.

IPT = intermittent preventive treatment for pregnant women; ITNs = insecticide-treated nets

Yes =  No =  Not applicable =  Blank cell = not determined -- = no information available

^a Year indicates the date of publication of the most recent manual for national malaria control or treatment guidelines.

^b Number of active monitoring sites.

Table A.2 Antimalarial drug policy, end 2004

	<i>P. falciparum</i>						<i>P. vivax</i>
	Uncomplicated		Treatment failure	Severe malaria	Pregnancy		
	Unconfirmed	Confirmed			Treatment	Prevention	
Africa							
Central							
Cameroon	ASU+AQ*	ASU+AQ*	Q(7d)	Q(7d)	Q(7d)	SP (IPT)	
CAR	CQ	CQ	SP	SP	Q(7d)	CQ weekly	
Chad	CQ	CQ	SP	SP	Q(7d)	CQ weekly	
Congo	CQ	CQ	SP	SP	Q(7d)	CQ weekly	
DR Congo	SP	SP	Q(7d)	Q(7d)	Q(7d)	SP (IPT)	
Equatorial Guinea	CQ	CQ	Q(7d)	Q(7d)	Q(7d)	SP (IPT)	
Gabon	ASU+AQ*	ASU+AQ*	ATM-LUM*	Q(7d)	Q(7d)	SP (IPT)	
Sao Tome & Principe	ASU+AQ	ASU+AQ	Q(7d)	Q(7d)	Q or ASU+AQ	SP (IPT)	
East							
Burundi	ASU+AQ	ASU+AQ	Q(7d)	Q(7d)	Q(7d)		
Comoros	ATM-LUM	ATM-LUM	Q(7d)	Q(7d)	Q(7d)		
Djibouti	CQ	CQ	SP	SP	Q(7d)	CQ	
Eritrea	CQ+SP	CQ+SP	Q(7d)	Q(7d)	Q(7d)	CQ	
Ethiopia	ATM-LUM	ATM-LUM	Q(7d)	Q(7d)	Q(7d)	CQ	
Kenya	ATM-LUM*	ATM-LUM*	Q(7d)	Q(7d)	Q(7d)	SP (IPT)	
Rwanda	AQ+SP	AQ+SP	Q(7d)	Q(7d)	Q(7d)	SP (IPT)	
Somalia	CQ	CQ	SP	Q	Q	SP (IPT)*	
Sudan	ASU+SP (North) ASU+AQ (South)	ASU+SP (North) ASU+AQ (South)	ATM-LUM (North) Q(7d) (South)	Q(7d) or ATM(6d) or ATM(3d)+ASU+SP (North)	Q(7d) or ASU+SP (from 13 weeks)	SP (IPT)	CQ+PQ(14d) (South)
Uganda	ATM-LUM*	ATM-LUM*	Q(7d)	Q(7d)	Q(7d)	SP (IPT)	
UR Tanzania	ATM-LUM* ASU+AQ (Zanzibar)	ATM-LUM* ASU+AQ (Zanzibar)	Q(7d) ATM-LUM (Zanzibar)	Q(7d)	SP	SP (IPT)	NA
North							
Algeria							CQ
Egypt	all confirmed	CQ+PQ	SP	Q(7d)	Q(7d)	CQ+PQ(14d)	
Morocco	all confirmed	ATM-LUM	Q(7d)	Q	Q	CQ+PQ(14d)	

Table A.2 Antimalarial drug policy, end 2004

Southern	<i>P. falciparum</i>						<i>P. vivax</i>
	Uncomplicated		Treatment failure	Severe malaria	Pregnancy		
	Unconfirmed	Confirmed			Treatment	Prevention	
Angola	CQ	CQ	SP	Q(7d)		CQ weekly	
Botswana	SP	SP	Q(7d)	Q(7d)			
Madagascar	ASU+AQ*	ASU+AQ*	Q(7d)	Q(7d)		SP (IPT)	
Malawi	SP	SP	Q(7d)	Q(7d)	SP or Q	SP (IPT)	
Mauritius							CQ
Mozambique	AQ+SP	AQ+SP	ATM-LUM	Q(7d)		SP (IPT)	
Namibia	ATM-LUM*	ATM-LUM*	Q(7d)	Q(7d)	Q	SP (IPT)	CQ
South Africa	ASU+SP (Mpumalaga)	ATM-LUM (KwaZulu Natal) ASU+SP (Mpumalaga)	Q(7d)	Q(7d)		CQ + PG (KwaZulu Natal)	
Swaziland	CQ	CQ	SP	Q(7d)			
Zambia	ATM-LUM	ATM-LUM	Q(7d)	Q(7d)		SP (IPT)	
Zimbabwe	CQ+SP	CQ+SP	Q(7d)	Q(7d)		SP (IPT)	
West							
Benin	ATM-LUM*	ATM-LUM*	Q(7d)	Q(7d)		SP (IPT)	
Burkina Faso	CQ	CQ	SP	Q(7d)	CQ	SP (IPT)	
Cape Verde	CQ	CQ	SP	Q(7d)		CQ weekly	
Côte d'Ivoire	AQ or SP	AQ or SP	ATM-LUM or AS+MQ	Q(7d)		SP (IPT)	
Gambia	ATM-LUM*	ATM-LUM*	Q(7d)	Q(7d)		CQ weekly	
Ghana	ASU+AQ*	ASU+AQ*	Q(7d)	Q(7d)	Q or ASU+AQ (2nd & 3rd trim.)	SP (IPT)	
Guinea	CQ	CQ	SP	Q(7d)		SP (IPT)	
Guinea-Bissau	CQ	CQ	SP	Q(7d)		SP (IPT)	
Liberia	ASU+AQ	ASU+AQ	Q(7d)	Q(7d)			
Mali	ATM-LUM*	ATM-LUM*	ASU+SP	Q(7d)	Q(7d)	SP (IPT)	
Mauritania	CQ	CQ	SP	Q(7d)		CQ weekly	
Niger	ATM-LUM*	ATM-LUM*	Q(7d)	Q(7d)		CQ weekly	
Nigeria	ATM-LUM*	ATM-LUM*	Q(7d)	Q(7d)	ACT (2nd & 3rd trim.)	SP (IPT)	NA
Senegal	AQ+SP	AQ+SP	Q(7d)	Q(7d)		SP (IPT)	
Sierra Leone	ASU+AQ	ASU+AQ	Q(7d)	Q(7d)		CQ weekly	
Togo	CQ	CQ	SP	Q(7d)		SP (IPT)	

Asia Central Asia and Transcaucasia	<i>P. falciparum</i>					<i>P. vivax</i>
	Uncomplicated		Treatment failure	Severe malaria	Pregnancy	
	Unconfirmed	Confirmed			Treatment	
Nepal	CQ+PQ	SP+PQ	Q(7d)	Q(7d)	CQ	CQ+PQ
Sri Lanka	CQ+PQ	CQ+PQ	SP+PQ	Q(7d)	CQ or Q	CQ+PQ
Armenia	CQ	CQ+PQ	Q(7d)	Q(7d)	CQ	CQ+PQ(14d)
Azerbaijan	CQ	CQ+PQ	Q(7d)	Q(7d)	CQ	CQ+PQ(14d)
Georgia	CQ	CQ+PQ	Q(7d)	Q(7d)	CQ	CQ+PQ(14d)
Kyrgyzstan	CQ	CQ+PQ	Q(7d)	Q(7d)	CQ	CQ+PQ(14d)
Tajikistan	ASU(3d)+SP	ASU(3d)+SP	Q(7d)	Q(7d)	Q	CQ+PQ(14d)
Turkmenistan	CQ	CQ+PQ	Q(7d)	Q(7d)	CQ	CQ+PQ(14d)
Uzbekistan	CQ	CQ+PQ	Q(7d)	Q(7d)	CQ	CQ+PQ(14d)
Eastern Mediterranean						
Afghanistan	CQ+SP	ASU+SP*	Q(7d)	Q/ATM(7d)/(3d)+SP	Q or ASU+SP (Pf) CQ (Pv)	CQ
Iran (Islamic Republic of)	all confirmed	ASU+SP*	ATM-LUM	Q(7d) or ATM		CQ+PQ(14d)
Iraq	all confirmed					CQ+PQ(14d)
Oman	all confirmed	Q(3d)+SP+PQ(1d)	Q(7d)	Q	Q(7d)	CQ+PQ(14d)
Pakistan	CQ	CQ+PQ(3d)	SP	Q	CQ	CQ+PQ(5d)
Saudi Arabia	all confirmed	CQ	SP	Q		CQ+PQ(14d)
Syrian Arab Republic	all confirmed	SP	Q+D	Q(7d)		CQ+PQ(14d)
Turkey	CQ	CQ+PQ	Q(7d)	Q(7d)	CQ	CQ+PQ(14d)
United Arab Emirates	all confirmed	SP+PQ(3d)	MQ25	Q(7d)		CQ+PQ(14d)
Yemen	CQ	CQ	SP+PQ(1d)	Q+PQ(1d)	CQ	CQ+PQ(14d)
South-East Asia						
Bangladesh	CQ+PQ	ATM-LUM	Q(7d)	Q(7d)	CQ or Q	CQ+PQ(14d)
Bhutan		ATM-LUM*	Q(7d)	ATM inj. (3d) or Q(7d)	Q(1st trim.) ASU(2nd & 3rd trim.)	CQ
DPR Korea						CQ+PQ
India	CQ ASU(3d)+SP (5 provinces)	CQ+PQ ASU(3d)+SP (5 provinces)	SP	Q(7d)	CQ	CQ+PQ
Indonesia	CQ+PQ	ASU(3d)+AQ	SP	Q(7d)	CQ	CQ+PQ(5d)
Maldives		CQ+PQ	MQ+SP	Q(5d)		CQ+PQ
Myanmar	CQ+SP or ASU(3d)+MQ	ATM-LUM or ASU+MQ	Q(7d)+D(7) or ASU(7d)+D(7)	Q(7d)+D(7) or ASU(7d)+D(7)	Q(1st trim.)+CD; ASU+C/D(2nd & 3rd trim.)+C/D	CQ+PQ not recommended

Table A.2 Antimalarial drug policy, end 2004

	<i>P. falciparum</i>						<i>P. vivax</i>
	Uncomplicated		Treatment failure	Severe malaria	Pregnancy		
	Unconfirmed	Confirmed		Treatment	Prevention		
Thailand	NA	MQ (alone) or MQ+ASU(2d)	Q(7d)+T(7d)	ASU or Q	Q(7d)	NA	CQ+PQ
Timor-Leste	CQ+SP	SP	Q(7d)	Q(7d)			CQ+PQ
Western Pacific							
Cambodia	ASU(3d)+MQ	ASU(3d)+MQ	Q(7d)+T(7d)	ATM(IM)+MQ	Q(7d) or ASU+MQ		CQ
China	CQ/ATM(5d)/DHA (Yunnan, Hainan)	ATM/ASU(5d)/DHA (Yunnan, Hainan)	ATM/ASU(7d), Q/PYR (Yunnan, Hainan)	ATM (Yunnan, Hainan) or QC	Q(7d)/CQ (Yunnan, Hainan)		CQ+PQ(8d)
Lao PDR	CQ+SP	CQ+SP or ATM-LUM	Q(7d)+D/T(7d)	Q(7d)+D/T(7d)	Q (Pf) and CQ (Pv)	NA	CQ
Malaysia	all confirmed	CQ/SP/CQ+SP(day3) +/- PQ(3d)	Q(7)+T(7) or MQ	Q(7d)	Q(7d)	CQ weekly	CQ+PQ(14d)
Papua New Guinea	CQ / AQ+SP	CQ / AQ+SP	ASU(7d)+SP	ATM(7d)+SP	CQ or Q	CQ	CQ+PQ(14d)* or CQ+SP+PQ
Philippines	CQ+SP+PQ	CQ+SP+PQ	ATM-LUM	Q(7d)+T	CQ+SP	CQ	CQ+PQ(14d)
Republic of Korea							CQ+PQ(14d)
Solomon Islands	CQ or CQ+SP	CQ+SP	Q(3d) + SP	Q(7d)	CQ+SP	CQ	CQ+PQ(14d) or CQ+SP+PQ
Vanuatu	CQ	CQ +SP	Q(7d)	Q(7d)	CQ+SP	CQ	CQ+PQ
Viet Nam	ASU(5d) or CQ	DHA/PPQ/TMP+PQ or ASU(5d)+PQ	DHA/PPQ/TMP+PQ ASU(3d)+MQ25	ASU/ATM or Q	Q(7d) or CQ or ASU	CQ (weekly)	CQ+PQ(5d)

The Americas

Central America & Caribbean

Belize							CQ+PQ
Costa Rica							CQ+PQ
Dominican Republic		CQ+ PQ(3d)					
El Salvador							CQ+PQ
Guatemala							CQ+PQ
Haiti		CQ+PQ					
Honduras							CQ+PQ
Mexico							CQ+PQ
Nicaragua							CQ+PQ
Panama							CQ+PQ

South America	<i>P. falciparum</i>				<i>P. vivax</i>	
	Uncomplicated		Treatment failure	Severe malaria		Pregnancy
	Unconfirmed	Confirmed		Treatment		Prevention
Argentina					CQ+PQ	
Bolivia		MQ15+ASU(3d) CQ + PQ	Q(7d) + C(7d) MQ15/25+ASU		CQ+PQ	
Brazil		Q(3d)+D(5d) +PQ(day6) Q(3d)+D(5d)+PQ (Amazon)	MQ15/20+PQ(day2) MQ15/20+PQ (Amazon)	ASU vs ATM or Q	Q (Pf) or CQ (Pv) CQ+PQ(7d)	
Colombia		AQ(3d)+SP+PQ	Q(3d)+C20(5d) MQ(3rd line)		CQ+PQ	
Ecuador		ASU+SP	Q Q(7d)+T/C/D(7d) (3rd line)		CQ+PQ	
French Guiana		Q(7d)+T(7d)			CQ+PQ	
Guyana		ATM-LUM	Q(7d)+T(7d)		CQ+PQ	
Paraguay		CQ+ PQ			CQ+PQ	
Peru		ASU(3d)+MQ (in 1 province) ASU(3d)+SP			CQ+PQ	
Suriname		ATM-LUM	Q(7d)		CQ+PQ	
Venezuela		ASU+MQ	Q(7d)+T/C/D(7d)		CQ	

* = policy adopted, not presently being deployed, implementation process ongoing

Table A.3 Summary of finances available for malaria control (in US\$ thousands)

Africa

Source	1996	1997	1998	1999	2000	2001	2002	2003
Central								
Cameroon	-	-	-	-	-	-	-	9 678
Others	-	-	-	-	-	-	-	246
Central African Republic	-	-	-	48	48	46	134	179
Others	-	-	-	38	38	46	261	274
Chad	-	-	-	13	25	-	27	28
Others	-	-	-	-	46	-	-	-
Congo	-	-	-	-	-	369	-	-
Others	-	-	-	-	-	369	-	349
DR Congo	-	-	-	-	-	1 431	-	-
Others	-	-	-	552	315	1 431	2 035	6 269
Equatorial Guinea	-	-	-	-	-	30	-	-
Others	-	-	-	25	25	30	30	40
Gabon	-	-	-	-	-	-	-	-
Sao Tome & Principe	-	-	-	8	19	51	24	39
Others	-	-	-	-	51	51	58	149
East								
Burundi	-	-	-	29	21	1 271	29	30
Others	-	-	-	-	400	1 271	1 043	3 497
Comoros	-	-	-	-	19	43	73	104
Others	-	-	-	41	23	43	17	52
Djibouti	-	56	-	-	-	-	-	-
Others	30	100	-	-	-	-	-	-
Eritrea	-	-	-	50	60	1 652	85	98
Others	-	-	-	1 200	2 048	1 652	1 800	1 316
Ethiopia	-	-	-	-	-	-	3 597	4 971
Others	-	-	-	-	-	-	-	-
Kenya	-	-	-	39	83	-	128	82
Others	-	-	-	-	-	418	917	3 130
Rwanda	-	-	-	256	186	86	275	120
Others	-	-	-	342	205	86	368	926

Source	1996	1997	1998	1999	2000	2001	2002	2003
Somalia								
National funds	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	160
Sudan								
National funds	-	-	-	-	500	2 400	3 887	2 600
Others	600	-	-	-	574	1 744	4 670	2 406
Uganda								
National funds	-	-	-	-	385	-	-	-
Others	-	-	-	-	376	-	-	-
UR Tanzania								
National funds	-	-	-	-	200	200	500	500
Others	-	-	590	590	573	1 641	1 566	4 006
North								
Algeria								
National funds	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-
Egypt								
National funds	2	2	-	-	-	-	-	-
Others	2	2	-	-	-	6	2	-
Morocco								
National funds	219	157	156	122	94	88	-	350
Others	-	-	-	6	38	4	-	50
Southern								
Angola								
National funds	-	-	-	-	-	1 080	-	-
Others	-	-	-	-	-	1 080	2 130	-
Botswana								
National funds	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	432
Madagascar								
National funds	-	-	-	542	2 039	2 401	2 916	5 358
Others	-	-	-	105	387	269	33	1 010
Malawi								
National funds	-	-	-	1 880	3 000	500	6 720	22 238
Others	-	-	-	300	500	500	1 200	1 700
Mauritius								
National funds	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	80	80
Mozambique								
National funds	-	-	-	-	-	-	-	256
Others	-	-	-	-	-	-	-	903
Namibia								
National funds	-	-	-	-	-	407	1 570	573
Others	-	-	-	-	-	260	382	366
South Africa								
National funds	-	-	-	7 900	8 000	-	8 200	8 300
Others	-	-	-	-	-	-	60	-
Swaziland								
National funds	-	-	-	-	400	-	420	450
Others	-	-	-	-	-	-	-	-
Zambia								
National funds	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-
Zimbabwe								
National funds	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-

Table A.3 Summary of finances available for malaria control (in US\$ thousands)

West Africa	Source	1996	1997	1998	1999	2000	2001	2002	2003
Benin	National funds	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	-	-	-
Burkina Faso	National funds	-	-	-	19	9	56	96	96
	Others	-	-	-	5	450	450	1 055	619
Cape Verde	National funds	-	-	-	-	-	40	-	-
	Others	-	-	-	20	-	40	40	24
Côte d'Ivoire	National funds	-	-	-	417	385	200	252	167
	Others	-	-	-	200	200	200	165	165
Gambia	National funds	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	-	-	-
Ghana	National funds	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	-	-	-
Guinea	National funds	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	-	-	-
Guinea-Bissau	National funds	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	-	-	-
Liberia	National funds	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	-	-	-
Mali	National funds	-	-	-	-	-	202	1 007	-
	Others	-	-	-	-	-	-	1 744	-
Mauritania	National funds	-	-	-	25	26	364	124	132
	Others	-	-	-	444	1 140	364	291	1 209
Niger	National funds	-	-	-	-	-	52	-	-
	Others	-	-	-	-	92	52	157	3 832
Nigeria	National funds	-	-	-	3 000	5 000	2 020	4 000	3 530
	Others	-	-	-	320	2 000	2 020	1 850	2 330
Senegal	National funds	-	-	-	138	-	205	45	2 100
	Others	-	-	-	67	249	205	704	1 764
Sierra Leone	National funds	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	-	-	-
Togo	National funds	-	-	-	30	10	155	13	100
	Others	-	-	-	70	155	155	422	1 210

Asia		1996	1997	1998	1999	2000	2001	2002	2003
Central Asia and Transcaucasia	National funds	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	-	-	-
Armenia	National funds	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	-	-	-
Azerbaijan	National funds	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	-	-	-
Georgia	National funds	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	-	-	-
Kyrgyzstan	National funds	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	-	-	-
Tajikistan	National funds	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	-	-	-
Turkmenistan	National funds	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	-	-	-
Uzbekistan	National funds	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	-	-	-
Eastern Mediterranean									
Afghanistan	National funds	-	-	-	-	-	-	-	-
	Others	-	-	350	-	-	-	-	-
Iran (Islamic Republic of)	National funds	-	-	-	-	6 500	6 500	6 633	6 206
	Others	-	-	-	-	-	-	45	35
Iraq	National funds	64	72	-	-	60	-	35	-
	Others	145	72	-	-	30	-	113	175
Oman	National funds	-	16 905	-	-	6 207	-	-	-
	Others	-	-	-	-	-	-	-	-
Pakistan	National funds	5	3	-	-	-	-	-	492
	Others	75	75	-	38	-	-	-	84
Saudi Arabia	National funds	-	14 152	14 152	-	14 152	14 152	-	14 133
	Others	-	45	45	-	-	-	-	-
Syrian Arab Republic	National funds	5 964	5 899	-	-	-	-	758	-
	Others	-	-	-	-	-	-	32	-
Turkey	National funds	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	-	-	-
Yemen	National funds	-	-	-	-	333	2 000	2 000	2 000
	Others	-	-	-	-	-	-	-	490

Table A.3 Summary of finances available for malaria control (in US\$ thousands)

South-East Asia		1996	1997	1998	1999	2000	2001	2002	2003
Source									
Bangladesh	National funds	120	-	103	97	100	425	287	232
	Others	467	-	308	19	80	229	221	590
Bhutan	National funds	-	-	-	-	-	-	-	-
	Others	67	37	116	155	138	100	21	128
DPR Korea	National funds	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	-	-	780
India	National funds	40 922	38 107	39 749	58 065	42 690	-	44 160	49 100
	Others	-	1 140	8 483	-	-	-	19 820	23 910
Indonesia	National funds	-	-	-	-	-	-	-	45
	Others	-	-	840	870	1 148	2 784	1 860	153
Myanmar	National funds	3 551	3 561	11 986	4 837	11 703	20 698	20 945	23 041
	Others	1 159	-	371	163	753	585	800	622
Nepal	National funds	-	1 200	-	-	-	-	-	-
	Others	-	-	-	-	-	-	-	-
Sri Lanka	National funds	7 742	-	3 328	4 187	3 430	2 750	2 750	1 481
	Others	82	164	1 104	1 007	1 155	358	-	2 874
Thailand	National funds	-	-	-	2 717	18 354	19 578	17 396	18 700
	Others	-	-	-	155	458	4 797	71	117
Timor-Leste	National funds	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	-	-	-
Western Pacific									
Cambodia	National funds	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	-	-	-
China	National funds	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	-	-	-
Lao PDR	National funds	-	-	-	101	78	72	334	369
	Others	-	-	-	6 523	3 768	4 309	769	2 387
Malaysia	National funds	-	-	-	-	-	-	-	927
	Others	-	-	-	-	-	-	-	-
Papua New Guinea	National funds	-	-	-	-	-	-	-	1 450
	Others	-	-	-	-	-	-	-	-
Philippines	National funds	-	-	102	360	62	62	62	62
	Others	-	-	-	-	-	-	-	-
Republic of Korea	National funds	-	-	-	-	-	-	-	397
	Others	-	-	-	-	-	-	-	-
Solomon Islands	National funds	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	-	-	494
Vanuatu	National funds	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	-	-	-
Viet Nam	National funds	3 756	2 749	3 494	3 271	3 178	6 632	4 129	4 537
	Others	284	273	2 528	2 944	462	-	-	-

The Americas
Central America
& Caribbean

Source	1996	1997	1998	1999	2000	2001	2002	2003
Belize	-	-	440	-	-	-	-	-
National funds	-	-	-	-	-	-	-	-
Others	-	-	440	-	-	-	-	-
Costa Rica	-	-	3 597	4 750	3 380	2 500	2 880	-
National funds	-	-	-	-	-	-	-	-
Others	-	-	3 597	4 750	3 380	2 500	2 880	-
Dominican Republic	-	-	1 431	1 496	1 410	1 443	1 221	-
National funds	-	-	-	-	-	-	-	-
Others	-	-	1 431	1 496	1 410	1 443	1 221	-
El Salvador	-	-	4 358	3 000	157	30	5	-
National funds	-	-	-	-	-	-	-	-
Others	-	-	4 358	3 000	157	30	5	-
Guatemala	-	-	1 360	730	703	-	-	-
National funds	-	-	-	-	-	-	-	-
Others	-	-	1 360	730	703	-	-	-
Haiti	-	-	53	-	-	-	-	-
National funds	-	-	-	-	-	-	-	-
Others	-	-	53	-	-	-	-	-
Honduras	-	-	1 859	150	2 598	2 353	81	-
National funds	-	-	-	-	-	-	-	-
Others	-	-	1 859	150	2 598	2 353	81	-
Mexico	-	-	14 118	15 350	17 652	17 157	19 576	-
National funds	-	-	-	-	-	-	-	-
Others	-	-	14 118	15 350	17 652	17 157	19 576	-
Nicaragua	-	-	-	4 102	333	333	333	-
National funds	-	-	-	-	-	-	-	-
Others	-	-	-	4 102	333	333	333	-
Panama	-	-	5 172	5 162	5 066	4 680	3 987	-
National funds	-	-	-	-	-	-	-	-
Others	-	-	5 172	5 162	5 066	4 680	3 987	-
South America								
Argentina	-	-	-	-	-	-	-	-
National funds	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-
Bolivia	-	-	660	133	846	935	918	-
National funds	-	-	-	-	-	-	-	-
Others	-	-	660	133	846	935	918	-
Brazil	-	-	30 189	30 308	44 767	21 517	21 412	40 696
National funds	-	-	-	-	-	-	-	-
Others	-	-	30 189	30 308	44 767	21 517	21 412	40 696
Colombia	-	-	11 661	9 930	9 950	11 364	11 364	13 050
National funds	-	-	-	-	-	-	-	-
Others	-	-	11 661	9 930	9 950	11 364	11 364	13 050
Ecuador	-	-	573	1 454	-	3 156	3 816	-
National funds	-	-	-	-	-	-	-	-
Others	-	-	573	1 454	-	3 156	3 816	-
French Guiana	-	-	-	52	-	180	180	-
National funds	-	-	-	-	-	-	-	-
Others	-	-	-	52	-	180	180	-
Guyana	-	-	640	772	1 000	800	800	-
National funds	-	-	-	-	-	-	-	-
Others	-	-	640	772	1 000	800	800	-
Paraguay	-	-	7 501	4 338	1 932	1 061	5 412	-
National funds	-	-	-	-	-	-	-	-
Others	-	-	7 501	4 338	1 932	1 061	5 412	-
Peru	-	-	2 927	4 996	1 901	4 110	-	-
National funds	-	-	-	-	-	-	-	-
Others	-	-	2 927	4 996	1 901	4 110	-	-
Suriname	-	-	106	-	66	178	161	161
National funds	-	-	-	-	-	-	-	-
Others	-	-	106	-	66	178	161	161
Venezuela	-	-	1 632	762	5 412	-	2 066	606
National funds	-	-	-	-	-	-	-	-
Others	-	-	1 632	762	5 412	-	2 066	606
	-	-	-	1 033	960	-	200	-

**Table A.4 Summary of committed and disbursed malaria funds available from the GFATM
(in US\$)**

	Approved proposals			Grant agreements and disbursements					
	Round	Total 2-year budgets	Total lifetime budgets	Signed	Grant signature date	Grant amount	Disbursement number	Disbursement date	Disbursement amount
Angola	3	25 259 000	38 383 000			-			-
Benin	1	2 389 185	2 973 150	✓	20-Mar-03	2 389 185	1	14-Apr-03	341 021
							2	5-Nov-03	897 475
							3	13-Sep-04	350 199
							4	20-Sep-04	728 444
							Total disbursed by proposal:		2 317 139
							as percentage of grant amount:		97.0%
	3	1 383 931	2 145 813	✓	29-Sep-04	1 383 931	1	21-Oct-04	646 754
							Total disbursed by proposal:		646 754
							as percentage of grant amount:		46.7%
Burkina Faso	2	7 499 988	7 499 988	✓	04-Nov-03	7 499 988	1	2-Dec-03	627 513
							2	11-Jun-04	2 298 000
							Total disbursed by proposal:		2 925 513
							as percentage of grant amount:		39.0%
Burundi	2	13 792 126	17 766 125	✓	16-Sep-03	13 792 126	1	30-Oct-03	2 038 647
							2	30-Jul-03	4 631 017
							Total disbursed by proposal:		6 669 664
							as percentage of grant amount:		48.4%
Cameroon	3	16 938 794	32 770 143	✓	10-Sep-04	16 938 794	1	30-Sep-04	1 886 215
							Total disbursed by proposal:		1 886 215
							as percentage of grant amount:		11.1%
Central African Republic	4	10 592 816	17 857 057			-			-
Comoros	2	1 534 631	2 485 878	✓	23-Mar-04	1 534 631	1	21-May-04	599 483
							Total disbursed by proposal:		599 483
							as percentage of grant amount:		39.1%
Democratic Republic of the Congo	3	24 966 676	53 936 609	✓	7-Sep-04	24 966 676	1	1-Oct-04	1 441 186
							Total disbursed by proposal:		1 441 186
							as percentage of grant amount:		5.8%

Approved proposals				Grant agreements and disbursements					
Round	Total 2-year budgets	Total lifetime budgets	Signed	Grant signature date	Grant amount	Disbursement number	Disbursement date	Disbursement amount	
Eritrea	2	2 617 633	7 911 425	✓	28-Jul-03	2 617 633	1	20-Nov-03	324 063
							Total disbursed by proposal:		324 063
							as percentage of grant amount:		12.4%
Ethiopia	2	37 915 011	76 875 212	✓	01-Aug-03	37 915 011	1	19-Aug-03	17 891 589
							Total disbursed by proposal:		17 891 589
							as percentage of grant amount:		47.2%
Gabon	4	7 419 625	9 892 185	✓	16-Dec-04	7 419 624	1	21-Dec-04	1 224 253
							Total disbursed by proposal:		1 224 253
							as percentage of grant amount:		16.5%
Gambia	3	5 665 500	13 861 866	✓	31-Aug-04	5 665 500	1	4-Oct-04	1 456 473
							Total disbursed by proposal:		1 456 473
							as percentage of grant amount:		25.7%
Ghana	2	4 596 111	9 356 933	✓	03-Jul-03	4 596 111	1	12-Aug-03	886 150
							2	18-Jun-04	1 755 720
							3	5-Nov-04	279 240
							Total disbursed by proposal:		2 921 110
							as percentage of grant amount:		63.6%
	4	18 561 367	38 887 781			-			-
Guinea	2	6 893 509	8 798 945	✓	04-Aug-03	6 893 509	1	12-Dec-03	177 112
							1.1	27-Apr-04	424 233
							1.2	22-Sep-04	796 750
							Total disbursed by proposal:		1 398 095
							as percentage of grant amount:		20.3%
Guinea-Bissau	4	1 885 791	4 177 512	✓	24-Nov-04	1 885 791	1	12-Dec-04	192 906
							Total disbursed by proposal:		192 906
							as percentage of grant amount:		10.2%
Kenya	2	10 526 880	33 586 810	✓	23-Jun-03	10 526 880	1	27-Aug-03	940 541
							2	17-Dec-04	3 699 906
							Total disbursed by proposal:		4 640 447
							as percentage of grant amount:		44.1%
	4	81 972 711	186 319 508			-			-
Liberia	3	12 140 921	12 140 921	✓	23-Jun-04	12 140 921	1	19-Nov-04	2 205 185
							1.1	21-Dec-04	592 389
							Total disbursed by proposal:		2 797 574
							as percentage of grant amount:		23.0%

Table A.4 Summary of committed and disbursed malaria funds available from the GFATM (in US\$)

Round	Approved proposals			Grant agreements and disbursements					
	Total 2-year budgets	Total lifetime budgets	Signed	Grant signature date	Grant amount	Disbursement number	Disbursement date	Disbursement amount	
Madagascar	1	1 482 576	2 000 064	✓	05-Feb-03	1 482 576	1	12-Mar-03	591 931
							2	4-Dec-03	141 691
							3	21-May-04	208 663
							4	21-Jun-04	540 291
							5	26-Oct-04	267 723
						Total disbursed by proposal:		1 750 299	
						as percentage of grant amount:		118.1%	
3	5 232 448	10 400 722	✓	27-Sep-04	5 232 488	1	10-Nov-04	2 708 913	
						1.1	21-Dec-04	55 865	
						Total disbursed by proposal:		2 764 778	
						as percentage of grant amount:		52.8%	
4	19 304 060	41 527 527			-			-	
Malawi	20 872 000	39 688 000			-			-	
Mali	1	2 023 424	2 592 991	✓	25-Aug-03	2 023 424	1	11-Nov-03	678 620
							2	8-Nov-04	266 500
						Total disbursed by proposal:		945 120	
						as percentage of grant amount:		46.7%	
Mauritania	2	824 044	2 899 074	✓	22-Mar-04	824 044	1	31-Mar-04	50 578
							1.1	2-Jun-04	290 000
							2	2-Nov-04	92 167
						Total disbursed by proposal:		432 745	
						as percentage of grant amount:		52.5%	
Mozambique	2	12 217 393	28 205 783	✓	02-Apr-04	12 217 393	1	21-Dec-04	6 653 718
							Total disbursed by proposal:		6 653 718
						as percentage of grant amount:		54.5%	
Multicountry Africa (RMCC: includes Mozambique, South Africa and Swaziland)	2	7 090 318	22 387 532	✓	18-Jun-03	7 090 318	1	15-Jul-03	2 160 782
							2	7-Apr-04	391 891
							3	21-Jul-04	507 528
							4	4-Oct-04	1 240 118
							5	17-Dec-04	697 182
						Total disbursed by proposal:		4 997 501	
						as percentage of grant amount:		70.5%	
Namibia	2	3 719 354	6 304 577	✓	23-Nov-04	3 719 354	1	17-Dec-04	349 654
							Total disbursed by proposal:		349 654
						as percentage of grant amount:		9.4%	

Approved proposals		Grant agreements and disbursements							
Round	Total 2-year budgets	Total lifetime budgets	Signed	Grant signature date	Grant amount	Disbursement number	Disbursement date	Disbursement amount	
Niger	3	4 815 109	5 886 835	✓	25-Aug-04	4 815 109	1	15-Sep-04	475 896
							2	23-Dec-04	2 407 044
							Total disbursed by proposal:		2 882 940
							as percentage of grant amount:		59.9%
Nigeria	2	20 994 149	44 314 691	✓	22-Oct-04	20 994 149	1	12-Nov-04	4 582 319
							Total disbursed by proposal:		4 582 319
							as percentage of grant amount:		21.8%
	4	20 467 000	86 122 000	✓	03-Dec-04	20 467 000	1	21-Dec-04	4 268 800
							Total disbursed by proposal:		4 268 800
							as percentage of grant amount:		20.9%
Rwanda	3	13 045 293	17 676 240	✓	30-Jun-04	13 045 293	1	23-Sep-04	7 428 843
Sao Tome and Principe	4	1 941 359	3 484 859			-			-
Senegal	1	4 285 714	7 142 857	✓	10-Feb-03	4 285 714	1	28-Feb-03	350 000
							1.1	11-Nov-03	150 000
							2	18-Aug-04	1 026 770
							Total disbursed by proposal:		1 526 770
							as percentage of grant amount:		35.6%
Sierra Leone	4	23 745 283	33 871 668			-			-
Somalia	2	8 890 497	12 886 413	✓	23-Jun-04	8 890 497	1	24-Jun-04	4 682 032
							Total disbursed by proposal:		4 682 032
							as percentage of grant amount:		52.7%
Sudan	2	14 237 853	33 240 453			-			-
		12 855 490	27 827 045	✓	24-Aug-04	12 855 490	1	22-Sep-04	4 903 414
							Total disbursed by proposal:		4 903 414
							as percentage of grant amount:		38.1%
Swaziland	2	978 000	1 864 500	✓	18-Jun-03	978 000	1	30-Jul-03	208 000
							1.1	20-Aug-03	175 000
							2	6-Jan-05	231 500
							Total disbursed by proposal:		614 500
							as percentage of grant amount:		62.8%

Table A.4 Summary of committed and disbursed malaria funds available from the GFATM (in US\$)

Round	Approved proposals			Grant agreements and disbursements					
	Total 2-year budgets	Total lifetime budgets	Signed	Grant signature date	Grant amount	Disbursement number	Disbursement date	Disbursement amount	
Togo	3	3 479 336	5 885 906	✓	09-Mar-04	3 479 336	1 1.1	13-May-04 21-Dec-04	886 489 1 259 782
							Total disbursed by proposal:		2 146 271
							as percentage of grant amount:		61.7%
Uganda	4	6 374 288	11 003 235			-			-
	2	23 211 300	35 783 000	✓	27-Feb-04	23 211 300	1 2 3	18-Mar-04 1-Oct-04 21-Dec-04	3 858 041 3 242 129 2 649 188
							Total disbursed by proposal:		9 749 358
							as percentage of grant amount:		42.0%
United Republic of Tanzania	4	66 432 148	158 047 079			-			-
	1	11 959 076	19 827 716	✓	11-Dec-02	11 959 076	1 2 3	4-Feb-03 23-Jul-04 2-Nov-04	489 478 2 406 507 2 667 866
							Total disbursed by proposal:		5 563 851
							as percentage of grant amount:		46.5%
	4	54 201 787	90 468 963			-			-
		5 089 361	9 586 972	✓	23-Nov-04	5 089 361	1	21-Dec-04	2 792 077
							Total disbursed by proposal:		2 792 077
							as percentage of grant amount:		54.9%
United Republic of Tanzania, Zanzibar	1	781 220	1 153 080	✓	06-Mar-03	781 220	1 1	24-Apr-03 26-May-04	162 700 618 520
							Total disbursed by proposal:		781 220
							as percentage of grant amount:		100.0%
Zambia	-	-	-	✓	02-Sep-03	852 600	1 2	10-Oct-03 21-May-04	254 430 237 294
	-	-	-	✓	02-Sep-03	852 600	3 4	1-Nov-04 17-Dec-04	131 664 90 423
							Total disbursed by proposal:		713 811
							as percentage of grant amount:		83.7%
	1	17 891 800	39 274 000	✓	15-Aug-03	17 039 200	1 2 3	21-Jul-03 7-Jun-04 21-Dec-04	1 692 382 9 169 983 2 270 152
							Total disbursed by proposal:		13 132 517
							as percentage of grant amount:		77.1%
	4	20 279 950	43 495 950			-			-

	Approved proposals			Grant agreements and disbursements					
	Round	Total 2-year budgets	Total lifetime budgets	Signed	Grant signature date	Grant amount	Disbursement number	Disbursement date	Disbursement amount
Zimbabwe	1	6 716 250	8 877 500	✓	05-Feb-03	6 716 250	1	1-May-03	1 415 000
									Total disbursed by proposal: 1 415 000 as percentage of grant amount: 21.1%
									Total disbursed for Africa 134 410 002 as percentage of total grant amount:
Asia									
Afghanistan	2	3 125 605	3 125 605	✓	25-Oct-04	3 125 605	1	19-Nov-04	1 687 514
									Total disbursed by proposal: 1 687 514 as percentage of grant amount: 54.0%
Bhutan	4	1 000 957	1 737 190	✓	07-Jan-05	1 000 957			-
									Total disbursed by proposal: 0 as percentage of grant amount: 0.0%
Cambodia	2	5 013 262	9 998 371	✓	14-Oct-03	5 013 262	1	12-Dec-03	1 952 490
							2	11-Jun-04	355 567
							3	21-Oct-04	150 633
							4	12-Jan-05	321 299
									Total disbursed by proposal: 2 779 989 as percentage of grant amount: 55.5%
China	4	5 221 242	9 870 565			-			-
	1	3 523 662	6 406 659	✓	30-Jan-03	3 523 662	1	10-Apr-03	542 800
							1.1	27-Jun-03	135 700
							2	24-Nov-03	908 345
							3	23-Dec-03	321 350
							4	10-May-04	729 114
							5	21-Jun-04	525 903
							6	17-Dec-04	360 450
									Total disbursed by proposal: 3 523 662 as percentage of grant amount: 100.0%
DPR Korea	3	3 227 300	8 548 200			-			-
Georgia	3	645 700	806 300	✓	29-Apr-04	645 700	1	11-Jun-04	360 950
									Total disbursed by proposal: 360 950 as percentage of grant amount: 55.9%
India	4	30 167 781	69 053 902			-			-

Table A.4 Summary of committed and disbursed malaria funds available from the GFATM (in US\$)

	Approved proposals			Grant agreements and disbursements					
	Round	Total 2-year budgets	Total lifetime budgets	Signed	Grant signature date	Grant amount	Disbursement number	Disbursement date	Disbursement amount
Indonesia	1	8 254 947	23 704 947	✓	11-Jun-03	8 254 947	1	8-Jul-03	1 435 987
							2	12-Mar-04	4 556 562
							Total disbursed by proposal:		5 992 549
							as percentage of grant amount:		72.6%
Lao People's Democratic Republic	1	3 155 152	12 709 087	✓	05-Feb-03	3 155 152	1	2-May-03	259 691
							2	18-Nov-03	938 535
							3	13-May-04	1 069 544
							4	15-Dec-04	200 000
							Total disbursed by proposal:		2 467 770
							as percentage of grant amount:		78.2%
Multicountry Western Pacific (includes Cook Islands, Fiji, Federated States of Micronesia, Kiribati, Niue, Palau, Samoa, Solomon Islands, Tonga, Tuvalu and Vanuatu)	4	3 292 689	14 515 720			-			-
	2	2 416 850	4 897 650	✓	27-Jun-03	2 416 850	1	30-Jul-03	295 500
							1.1	18-Nov-03	646 000
							2	4-Jun-04	798 320
							3	22-Dec-04	477 668
							Total disbursed by proposal:		2 217 488
							as percentage of grant amount:		91.8%
Myanmar	3	9 462 062	27 050 046			-			-
Nepal	2	2 622 929	7 624 668	✓	13-Aug-03	2 622 929	1	23-Dec-03	116 583
							2	21-Dec-04	528 075
							Total disbursed by proposal:		644 658
							as percentage of grant amount:		24.6%
Pakistan	2	4 407 000	7 719 800	✓	06-Aug-03	4 407 000	1	19-Dec-03	650 462
							2	12-Nov-04	813 700
							Total disbursed by proposal:		1 464 162
							as percentage of grant amount:		33.2%
Papua New Guinea	3	1 548 636	1 548 636	✓	12-Oct-04	1 548 636	1	24-Nov-04	454 800
							Total disbursed by proposal:		454 800
							as percentage of grant amount:		29.4%
Papua New Guinea	3	6 106 557	20 105 689	✓	07-Jul-04	6 106 557	1	9-Aug-04	2 185 723
							Total disbursed by proposal:		2 185 723
							as percentage of grant amount:		35.8%

Approved proposals				Grant agreements and disbursements				
Round	Total 2-year budgets	Total lifetime budgets	Signed	Grant signature date	Grant amount	Disbursement number	Disbursement date	Disbursement amount
Philippines								
2	7 244 762	11 829 545	✓	11-Jun-03	7 244 762	1	30-Jun-03	1 115 843
						1.1	10-Sep-03	1 115 843
						2	26-Mar-04	1 402 744
2	7 244 762	11 829 545	✓	11-Jun-03	7 244 762	3	15-Jul-04	1 089 582
						4	12-Nov-04	1 177 337
						Total disbursed by proposal:		5 901 349
						as percentage of grant amount:		81.5%
Sri Lanka								
-	-	-	✓	19-Dec-02	4 467 480	1	11-Feb-03	752 893
						2	23-Jul-03	265 398
						3	18-Dec-03	1 204 359
						4	30-Jul-04	1 457 512
						Total disbursed by proposal:		3 680 162
						as percentage of grant amount:		82.4%
1	5 197 620	8 345 200	✓	19-Dec-02	730 140	1	11-Feb-03	176 573
						2	17-Sep-04	248 986
						Total disbursed by proposal:		425 559
						as percentage of grant amount:		58.3%
4	2 203 520	3 781 268			-			-
2	2 280 000	5 282 000	✓	15-Oct-03	2 280 000	1	20-Feb-04	660 000
						Total disbursed by proposal:		660 000
						as percentage of grant amount:		28.9%
2	2 300 744	2 963 723	✓	25-Jun-03	2 300 744	1	17-Jul-03	230 964
						2	23-Dec-03	150 000
						2.1	16-Feb-04	309 419
						3	13-Jul-04	100 000
						4	12-Nov-04	50 000
						5	15-Dec-04	524 067
						Total disbursed by proposal:		1 364 450
						as percentage of grant amount:		59.3%
Uzbekistan								
4	1 343 466	2 482 572			-			-
3	13 388 402	22 787 909	✓	24-Aug-04	13 388 402	1	21-Dec-04	3 218 217
						Total disbursed by proposal:		3 218 217
						as percentage of grant amount:		24.0%
Yemen								
2	4 159 632	11 878 206	✓	30-Sep-03	4 159 632	1	4-Dec-03	200 000
						2	21-Dec-04	1 461 532
						Total disbursed by proposal:		1 661 532
						as percentage of grant amount:		39.9%
Total disbursed for Asia							40 690 534	
as percentage of total grant amount:								

Table A.4 Summary of committed and disbursed malaria funds available from the GFATM (in US\$)

	Approved proposals			Grant agreements and disbursements					
	Round	Total 2-year budgets	Total lifetime budgets	Signed	Grant signature date	Grant amount	Disbursement number	Disbursement date	Disbursement amount
The Americas									
Bolivia	3	6 099 563	10 176 979	✓	05-Jul-04	6 099 563	1	15-Jul-04	780 367
							Total disbursed by proposal:	780 367	780 367
							as percentage of grant amount:		12.8%
Guatemala	4	9 713 853	14 216 920			-			-
Guyana	3	2 055 675	2 924 675	✓	1-Oct-2004	2 055 675	1	6-Jan-05	812 371
							Total disbursed by proposal:	812 371	812 371
							as percentage of grant amount:		39.5%
Haiti	3	7 390 556	14 856 557	✓	25-Jun-04	7 390 556	1	21-Jul-04	26 437 720
							Total disbursed by proposal:	26 437 720	26 437 720
							as percentage of grant amount:		357.7%
Honduras	-	-	-	✓	17-Feb-03	4 096 050	1	2-Apr-03	379 889
							1.1	28-May-03	6 000
							2	27-Nov-03	53 507
							3	13-May-04	1 271 983
							4	23-Dec-04	1 331 730
							Total disbursed by proposal:	3 043 109	3 043 109
							as percentage of grant amount:		74.3%
	1	20 470 016	41 119 903	✓	17-Feb-03	12 583 466			-
							Total disbursed by proposal:	0	0
							as percentage of grant amount:		0.0%
Multicountry Americas (Andean: includes Colombia, Ecuador, Peru and Venezuela)	3	15 909 000	26 483 000			-			-
Nicaragua	2	3 404 671	5 613 132	✓	07-Oct-03	3 404 671	1	10-Oct-03	89 601
							1.1	18-Jun-04	531 531
							2	10-Mar-04	350 325
							3	3-Aug-04	1 017 897
							Total disbursed by proposal:	1 989 354	1 989 354
							as percentage of grant amount:		58.4%
Suriname	4	3 043 500	4 997 500	✓	14-Dec-04	2 963 950	1	6-Jan-05	1 084 850
							Total disbursed by proposal:	1 084 850	1 084 850
							as percentage of grant amount:		36.6%
							Total disbursed for The Americas	34 147 771	34 147 771
							as percentage of total grant amount:		

Figures are updated as of 13 January 2005.

Table A.5 Summary of malaria-related service delivery

		1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Africa												
Central												
Cameroon	No. nets sold or distributed	-	-	-	-	-	-	-	-	-	12 930	105 233
	No. nets (re-)treated	-	-	-	-	-	-	-	-	-	-	1 142
CAR	No. nets sold or distributed	-	-	-	-	-	-	-	-	5 050	5 250	7 500
	No. nets (re-)treated	-	-	-	-	-	-	-	-	5 050	5 250	7 500
Chad	No. nets sold or distributed	-	-	-	2 000	-	-	-	2 000	1 000	5 100	49 000
	No. nets (re-)treated	215	-	-	2 083	-	-	215	2 083	1 381	50 943	94 118
Congo	No. nets sold or distributed	-	-	-	-	-	-	-	-	1 000	2 000	4 250
	No. nets (re-)treated	-	-	-	-	-	-	-	-	500	800	1 000
DR Congo	No. nets sold or distributed	50 600	-	-	6 000	-	-	50 600	6 000	119 186	53 000	365 100
	No. nets (re-)treated	-	-	-	-	-	-	-	-	-	4 092	12 223
Equatorial Guinea	No. nets sold or distributed	-	-	-	-	-	-	-	-	16 000	14 000	16 000
Sao Tome & Principe	No. nets sold or distributed	-	-	-	-	-	-	-	-	4 840	6 393	7 864
	No. nets (re-)treated	-	-	-	-	-	-	-	-	284	913	1 110
East												
Burundi	No. nets sold or distributed	-	-	-	-	-	-	-	-	-	-	210 000
	No. nets (re-)treated	-	-	-	-	-	-	-	-	-	-	17 000
Comoros	No. nets sold or distributed	828	-	-	5 100	-	-	828	5 100	2 500	25 000	6 800
Djibouti	No. nets sold or distributed	-	-	-	1 500	-	-	-	1 500	-	-	-
Eritrea	No. nets sold or distributed	51 517	-	-	97 324	-	-	51 517	97 324	67 708	276 038	187 709
	No. nets (re-)treated	12 711	-	-	20 437	-	-	12 711	20 437	110 371	227 750	497 117
	No. HHs/units sprayed	125 498	-	-	39 838	-	-	125 498	39 838	76 754	56 336	86 574
Ethiopia	No. nets sold or distributed	-	-	-	-	-	-	-	-	237 000	378 900	331 900
	No. nets (re-)treated	-	-	-	-	-	-	-	-	52 800	2 300	93 200
	No. HHs/units sprayed	-	-	-	-	-	-	-	-	877 761	1 105 833	1 131 950
Kenya	No. nets sold or distributed	-	-	-	32 300	-	-	-	32 300	267 200	200 000	684 850
	No. nets (re-)treated	-	-	-	32 300	-	-	-	32 300	267 200	200 000	418 500
Rwanda	No. nets sold or distributed	70 430	-	-	70 870	-	-	70 430	70 870	115 309	88 010	269 210
	No. nets (re-)treated	75 015	-	-	78 650	-	-	75 015	78 650	86 093	106 197	391 161
	No. HHs/units sprayed	-	-	-	19 000	-	-	-	19 000	14 000	14 000	14 000
Somalia	No. nets sold or distributed	-	-	-	-	-	-	-	-	-	80 839	55 839

Table A.5 Summary of malaria-related service delivery

Indicator	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Sudan											
No. nets sold or distributed	-	-	-	-	-	-	-	-	200 000	108 090	211 520
No. nets (re-)treated	-	-	-	-	-	-	-	-	-	800	2 000
No. HHs/units sprayed	45 000		45 000	46 000					50 000	268 000	263 000
Uganda											
No. nets sold or distributed	80 000		80 000	100 000					250 000	280 295	467 081
No. retreatment kits distributed	35 000		35 000	58 000					130 000	130 412	158 997
No. nets (re-)treated	-	-	-	-	-	-	-	-	-	65 315	74 079
No. HHs/units sprayed	-	-	6 105	6 105					17 642	12 533	9 619
UR Tanzania											
No. nets sold or distributed	138 498		138 498	63 556					103 522	640 039	1 466 181
No. nets (re-)treated	206 706		206 706	242 242					431 414	978 194	1 580 748
Southern											
Angola											
No. nets (re-)treated	-	-	-	120 086					157 752	431 280	364 940
No. HHs/units sprayed	-	-	-	-					-	4 000	-
Botswana											
No. nets sold or distributed	-	-	-	-					-	6 500	60 200
No. nets (re-)treated	-	-	-	-					-	-	35
Madagascar											
No. nets sold or distributed	11 100	11 100	11 100	11 100	11 100	11 100	11 100	11 100	134 971	123 871	148 871
No. HHs/units sprayed	-	-	-	213 847					60 232	-	111 096
Malawi											
No. nets sold or distributed	-	-	3 530	41 835					46 062	149 065	1 052 418
No. nets (re-)treated	-	-	-	-					-	24 000	726 000
Mauritius											
No. nets sold or distributed	-	-	-	-					-	-	-
No. nets (re-)treated	-	-	-	-					-	-	-
No. HHs/units sprayed	-	-	-	-					306	643	-
Mozambique											
No. nets sold or distributed	-	-	-	219 344					104 277	130 326	205 993
No. nets (re-)treated	-	-	-	548					211 652	253 323	73 000
No. HHs/units sprayed	-	-	498 530	584 830					466 520	499 126	732 889
Namibia											
No. nets sold or distributed	-	-	-	-					1 000	18 000	-
No. nets (re-)treated	-	-	-	-					-	3 600	22 000
No. HHs/units sprayed	-	-	-	95 775					422 498	490 491	498 132
South Africa											
No. nets sold or distributed	3 200								10 000	20 000	60 000
No. HHs/units sprayed	-	-	1 000 000	1 000 000					1 000 000	1 000 000	1 000 000
Swaziland											
No. nets sold or distributed	-	-	-	-					-	-	1 200
No. HHs/units sprayed	-	-	-	74 279					75 111	78 080	89 322
Zambia											
No. nets sold or distributed	-	-	36 000	115 891					260 881	378 090	272 462
No. nets (re-)treated	-	-	36 000	38 064					100 188	145 509	290 000
No. HHs/units sprayed	-	-	-	31 463					32 000	32 100	61 300
Zimbabwe											
No. nets sold or distributed	-	-	-	-					72 000	-	90 000
No. nets (re-)treated	-	-	-	-					-	-	72 000
No. HHs/units sprayed	-	-	916 000	845 256					-	978 125	545 500

West	Indicator	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Burkina Faso	No. nets sold or distributed							21 374	14 988	5 396	28 252	41 515
	No. nets (re-)treated							1 199	2 036	2 667	7 271	3 919
Côte d'Ivoire	No. nets sold or distributed							-	-	9 266	11 204	-
	No. nets (re-)treated							-	-	3 508	6 401	-
Ghana	No. nets sold or distributed							15 000	-	-	60 000	85 030
	No. nets (re-)treated							-	-	-	-	-
Guinea-Bissau	No. nets sold or distributed							-	40 000	-	4 000	189 000
	No. nets (re-)treated							-	-	-	-	-
Mali	No. nets sold or distributed							-	-	64 000	189 000	439 897
	No. nets sold or distributed							5 830	13 432	9 001	989	30 893
Mauritania	No. nets (re-)treated							-	-	-	-	-
	No. nets sold or distributed							-	-	-	-	-
Niger	No. nets sold or distributed							-	2 600	34 353	36 127	121 000
	No. nets (re-)treated							-	10 000	29 200	25 000	36 000
Nigeria	No. nets sold or distributed							30 000	70 000	145 000	1 161 925	1 535 718
	No. nets (re-)treated							384 286	-	-	900 000	1 400 000
Senegal	No. nets sold or distributed							-	-	-	-	881 000
	No. nets (re-)treated							-	-	-	-	72 700
Togo	No. HHs/units sprayed							68 736	41 620	-	92 898	-
	No. nets sold or distributed							6 272	10 789	13 500	30 613	85 000
	No. nets (re-)treated							421	1 172	1 312	567	879
Asia												
Eastern Mediterranean												
Afghanistan	No. nets sold or distributed							59 324	74 218	49 735	-	145 375
	No. nets (re-)treated							-	58 374	61 190	-	42 154
Iran (Islamic Republic of)	No. nets sold or distributed							-	-	-	-	15 000
	No. HHs/units sprayed							-	-	140 561	111 456	144 000
Iraq	No. HHs/units sprayed							64 698	46 621	38 566	18 894	21 730
	No. nets sold or distributed							-	-	-	-	350 000
Saudi Arabia	No. HHs/units sprayed							-	-	-	-	44 619
	No. nets sold or distributed							-	-	-	3 850	16 369
Yemen	No. HHs/units sprayed							-	-	600	12 835	14 152
	No. nets sold or distributed							-	-	-	-	-
South-East Asia												
Bangladesh	No. nets sold or distributed							15 272	11 207	9 274	9 266	10 534
	No. HHs/units sprayed							-	-	-	58 208	130 512
Bhutan	No. nets sold or distributed							7 064	2 546	2 161	2 883	7 213
	No. nets (re-)treated							25 832	32 632	31 568	35 374	38 906

Table A.5 Summary of malaria-related service delivery

Indicator	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
DPR Korea			-	-	-	-	-	-	-	-	90 360
No. nets sold or distributed			-	-	-	-	-	-	-	-	394 000
No. nets (re-)treated			-	-	-	-	-	-	-	-	1 500 000
India			61 966	96 775	-	114 800	-	-	-	600 000	1 500 000
No. nets sold or distributed			61 966	96 775	-	114 800	-	-	-	15 000	-
Indonesia			2 442	1 558	500	-	-	38 535	34 964	62 500	49 000
No. nets sold or distributed			2 442	1 558	500	-	-	38 535	34 964	62 500	49 000
Myanmar			-	4 300	4 750	4 800	4 800	53 335	98 299	160 799	213 683
No. nets (re-)treated			-	4 300	4 750	4 800	4 800	53 335	98 299	160 799	213 683
No. HHs/units sprayed			17 617	52 255	22 008	20 443	29 256	27 803	20 417	12 439	6 454
Nepal			-	-	-	-	-	-	-	-	-
No. nets sold or distributed			-	-	-	-	-	-	-	-	-
No. HHs/units sprayed			-	-	-	-	-	-	-	62 742	-
Sri Lanka			-	-	-	9 000	8 532	49 150	-	100 000	5 000
No. nets sold or distributed			-	-	-	9 000	8 532	49 150	-	100 000	5 000
No. HHs/units sprayed			-	-	-	-	-	-	-	-	618 865
Thailand			-	20 000	20 000	-	200 000	603 943	-	-	32 780
No. nets sold or distributed			-	20 000	20 000	-	200 000	603 943	-	-	32 780
No. nets (re-)treated			-	-	-	705 242	594 723	671 771	706 545	966 542	258 724
No. HHs/units sprayed			-	-	-	135 865	250 270	238 323	224 704	300 668	277 602
Timor-Leste			-	-	-	-	-	-	-	-	4 000
No. nets sold or distributed			-	-	-	-	-	-	-	-	4 000
Western Pacific											
Cambodia			-	-	-	-	-	296 337	130 726	131 673	127 035
No. nets sold or distributed			-	-	-	-	-	296 337	130 726	131 673	127 035
No. nets (re-)treated			-	20 000	-	-	185 556	48 013	68 230	115 163	83 688
China			-	-	-	-	40 231	5 267 614	558 945	-	-
No. nets (re-)treated			-	-	-	-	40 231	5 267 614	558 945	-	-
Lao PDR			5 703	-	10 000	-	-	354 097	836 303	400 981	889 480
No. nets (re-)treated			5 703	-	10 000	-	-	354 097	836 303	400 981	889 480
Malaysia			25 469	-	127 351	-	431 648	-	-	232 005	255 911
No. nets sold or distributed			25 469	-	127 351	-	431 648	-	-	232 005	255 911
No. HHs/units sprayed			-	-	-	-	-	-	-	-	85 339
Papua New Guinea			187 750	-	272 765	-	38 800	-	-	-	-
No. nets (re-)treated			187 750	-	272 765	-	38 800	-	-	-	-
Philippines			150 034	-	259 935	-	402 067	368 077	276 149	240 901	225 000
No. nets sold or distributed			150 034	-	259 935	-	402 067	368 077	276 149	240 901	225 000
No. nets (re-)treated			-	-	-	-	-	-	39 094	-	18 693
Republic of Korea			-	-	209 558	-	121 101	82 697	60 266	79 848	57 981
No. nets (re-)treated			-	-	209 558	-	121 101	82 697	60 266	79 848	57 981
Solomon Islands			-	16 239	2 926	3 649	3 755	16 199	690	1 640	3 621
No. nets sold or distributed			-	16 239	2 926	3 649	3 755	16 199	690	1 640	3 621
Vanuatu			-	18 990	7 338	19 774	12 933	10 322	3 590	-	11 922
No. nets (re-)treated			-	18 990	7 338	19 774	12 933	10 322	3 590	-	11 922
Viet Nam			2 893 886	4 043 216	3 068 709	-	11 007 770	10 007 707	10 920 217	10 101 814	10 047 593
No. nets (re-)treated			2 893 886	4 043 216	3 068 709	-	11 007 770	10 007 707	10 920 217	10 101 814	10 047 593
No. HHs/units sprayed			2 893 886	4 043 216	3 068 709	2 637 915	2 873 831	1 984 018	2 883 297	2 080 180	2 746 657
The Americas											
Central America & Caribbean											
Mexico			1 473 000	1 332 000	1 161 000	804 000	262 000	270 000	200 000	155 000	110 000
No. HHs/units sprayed			1 473 000	1 332 000	1 161 000	804 000	262 000	270 000	200 000	155 000	110 000

Table A.6 Summary of antimalarial drug efficacy results expressed as treatment failure

Africa	Study years	Number of studies	Median	Range		Percentile	
				Low	High	25th	75th
Angola							
Chloroquine	2002	6	41.8	8.2	54.1	14.8	52.1
Sulfadoxine–pyrimethamine	2002–2003	8	5.7	0.0	28.2	2.7	8.8
Amodiaquine	2002–2003	2	8.7	3.9	13.4	3.9	13.4
Artesunate+amodiaquine	2003	1	0.0				
Artesunate+sulfadoxine–pyrimethamine	2003	1	1.2				
Benin							
Chloroquine	1998–2002	14	19.4	3.4	47.6	14.1	23.2
Sulfadoxine–pyrimethamine	2002	5	9.5	1.6	17.2	4.8	16.8
Botswana							
Chloroquine	1997–2000	6	24.4	20.7	44.0	20.7	44.0
Burkina Faso							
Chloroquine	1996–2003	24	12.0	5.3	35.5	10.0	21.7
Sulfadoxine–pyrimethamine	1998–2003	9	0.8	0.0	6.3	0.0	4.3
Amodiaquine	1996	1	4.4				
Burundi							
Chloroquine	2001	4	69.2	52.4	73.7	58.9	73.4
Sulfadoxine–pyrimethamine	2001	4	30.8	10.9	52.8	20.2	42.4
Artemether–lumefantrine	2001	2	0.0	0.0	0.0	0.0	0.0
Artesunate+amodiaquine	2001	2	1.3	0.0	2.6	0.0	2.6
Cameroon							
Chloroquine	1994–2001	12	33.0	2.0	66.6	15.9	58.2
Sulfadoxine–pyrimethamine	1997–2003	8	9.0	0.0	14.1	6.7	11.0
Amodiaquine	1997–2003	9	1.6	0.0	5.3	0.0	3.2
Amodiaquine+sulfadoxine–pyrimethamine	2001–2003	4	0.0	0.0	0.0	0.0	0.0
Central African Republic							
Chloroquine	1997–1998	5	20.8	19.0	57.1	19.3	39.6
Chad							
Chloroquine	1999–2003	3	21.5	14.2	67.4	14.2	67.4
Sulfadoxine–pyrimethamine	2002–2003	2	11.7	4.0	19.4	4.0	19.4
Amodiaquine	2002–2003	2	3.4	1.9	4.9	1.9	4.9
Comoros							
Chloroquine	1997–2001	9	57.1	31.2	75.0	42.4	67.3
Sulfadoxine–pyrimethamine	2004	2	1.5	0.0	3.0	0.0	3.0
Chloroquine+sulfadoxine–pyrimethamine	2003	3	0.0	0.0	2.6	0.0	2.6
Artemether–lumefantrine	2004	3	0.0	0.0	1.8	0.0	1.8
Artesunate+amodiaquine	2003	3	0.0	0.0	0.0	0.0	0.0
Artesunate+sulfadoxine–pyrimethamine	2003	3	0.0	0.0	3.6	0.0	3.6
Congo							
Chloroquine	1999–2001	2	44.0	38.0	50.0	38.0	50.0
Sulfadoxine–pyrimethamine	1999–2002	3	0.0	0.0	9.5	0.0	9.5
Côte d'Ivoire							
Chloroquine	1997–2002	26	16.4	1.8	43.1	11.4	19.3
Sulfadoxine–pyrimethamine	1999	2	14.8	5.9	23.6	5.9	23.6

Table A.6 Summary of antimalarial drug efficacy results expressed as treatment failure

	Study years	Number of studies	Median	Range		Percentile	
				Low	High	25th	75th
Democratic Republic of the Congo							
Chloroquine	2000–2001	7	48.0	29.4	80.0	34.0	50.0
Sulfadoxine–pyrimethamine	2000–2004	12	9.3	0.0	30.2	4.4	18.3
Amodiaquine+sulfadoxine–pyrimethamine	2002–2004	5	1.7	0.0	6.0	0.7	4.4
Artesunate+amodiaquine	2003–2004	3	0.0	0.0	1.4	0.0	1.4
Artesunate+sulfadoxine–pyrimethamine	2002–2004	6	0.0	0.0	5.6	0.0	3.4
Equatorial Guinea							
Chloroquine	1996–1999	2	48.9	42.1	55.6	42.1	55.6
Sulfadoxine–pyrimethamine	1996–1999	2	5.0	0.0	10.0	0.0	10.0
Eritrea							
Chloroquine	1997–2001	29	42.8	12.6	66.6	28.6	47.3
Sulfadoxine–pyrimethamine	2001–2002	6	3.1	0.0	15.4	0.0	10.3
Chloroquine+sulfadoxine–pyrimethamine	2002–2003	4	6.5	0.0	10.2	1.9	9.7
Artesunate+amodiaquine	2002–2003	3	0.0	0.0	1.4	0.0	1.4
Ethiopia							
Chloroquine	1996–1998	18	70.0	5.0	97.8	55.8	85.2
Sulfadoxine–pyrimethamine	1997–2003	17	10.3	0.0	44.9	2.0	26.1
Amodiaquine	1998	7	18.9	6.2	66.7	6.5	45.8
Artemether–lumefantrine	2003	4	0.0	0.0	0.0	0.0	0.0
Gabon							
Chloroquine	2001	2	57.1	52.2	62.0	52.2	62.0
Sulfadoxine–pyrimethamine	2000	1	4.4				
Amodiaquine	1997–2002	5	12.5	3.2	14.0	7.9	14.0
Artemether–lumefantrine	2001–2002	2	0.8	0.0	1.6	0.0	1.6
Artesunate+amodiaquine	2001–2002	2	0.9	0.0	1.7	0.0	1.7
Gambia							
Chloroquine	1998–2003	4	12.2	2.9	28.2	6.1	21.6
Artesunate+chloroquine	2000	1	3.2				
Ghana							
Chloroquine	1998–2003	9	23.2	9.0	31.3	15.8	29.7
Sulfadoxine–pyrimethamine	1998–2003	3	3.0	0.0	5.2	0.0	5.2
Amodiaquine+sulfadoxine–pyrimethamine	2002	1	1.4				
Artemether–lumefantrine	2003	1	0.0				
Artesunate+amodiaquine	2003	1	0.0				
Artesunate+sulfadoxine–pyrimethamine	2002	1	0.8				
Guinea							
Chloroquine	1996–2001	8	15.6	7.7	28.3	9.9	22.6
Guinea-Bissau							
Chloroquine	2001	3	6.8	5.4	10.9	5.4	10.9
Kenya							
Chloroquine	1996–1999	7	65.8	15.2	84.8	31.7	80.4
Sulfadoxine–pyrimethamine	1996–2003	27	8.4	0.0	51.6	3.4	17.9
Amodiaquine	1996–2003	24	2.4	0.0	23.1	0.0	8.3
Amodiaquine+sulfadoxine–pyrimethamine	2003	2	2.0	1.6	2.4	1.6	2.4
Liberia							
Chloroquine	1999	2	25.9	22.5	29.2	22.5	29.2
Amodiaquine	2001	1	7.4				
Madagascar							
Chloroquine	1996–2004	13	9.5	0.0	25.6	6.9	17.1
Sulfadoxine–pyrimethamine	2003	1	0.0				
Amodiaquine	2004	1	0.0				

ANNEX 2. COUNTRY DATA, BY REGION

	Study years	Number of studies	Median	Range		Percentile	
				Low	High	25th	75th
Malawi							
Sulfadoxine-pyrimethamine	1998–2002	15	18.6	2.8	40.0	16.6	33.3
Mefloquine	1998	1	10.2				
Mali							
Chloroquine	1996–2003	19	11.0	2.0	24.3	4.2	13.0
Sulfadoxine-pyrimethamine	2001–2003	3	0.6	0.0	2.0	0.0	2.0
Mauritania							
Chloroquine	1998	2	24.0	11.6	36.4	11.6	36.4
Mozambique							
Chloroquine	1998–2001	20	35.9	13.0	53.0	22.1	42.9
Sulfadoxine-pyrimethamine	1998–2002	10	5.4	0.2	17.3	2.7	13.7
Amodiaquine	2001	1	8.4				
Amodiaquine+sulfadoxine-pyrimethamine	2001	1	0.0				
Artesunate+amodiaquine	2001	1	0.0				
Artesunate+sulfadoxine-pyrimethamine	2001	1	0.0				
Namibia							
Chloroquine	1997–2003	9	19.0	4.0	66.7	6.5	35.1
Sulfadoxine-pyrimethamine	1997–2003	5	8.8	0.0	22.8	0.0	18.6
Niger							
Chloroquine	1998–2001	2	19.2	17.4	20.9	17.4	20.9
Nigeria							
Chloroquine	1998–2003	11	25.8	2.0	53.7	13.6	38.7
Sulfadoxine-pyrimethamine	2001–2003	7	9.3	5.7	43.5	7.7	40.5
Amodiaquine	2001–2002	2	1.5	0.0	2.9	0.0	2.9
Rwanda							
Chloroquine	1997–2000	6	52.4	18.5	60.6	33.2	59.2
Sulfadoxine-pyrimethamine	2000	3	35.1	11.6	35.7	11.6	35.7
Amodiaquine	2001–2002	6	0.0	0.0	2.3	0.0	2.0
Chloroquine+sulfadoxine-pyrimethamine	2000	6	13.2	6.1	39.7	8.1	37.7
Amodiaquine+sulfadoxine-pyrimethamine	2001	3	0.0	0.0	0.0	0.0	0.0
Artesunate+amodiaquine	2002	3	0.0	0.0	1.6	0.0	1.6
Artesunate+sulfadoxine-pyrimethamine	2001	3	0.0	0.0	0.0	0.0	0.0
Senegal							
Chloroquine	1996–2002	19	12.9	2.7	30.7	10.1	16.6
Sulfadoxine-pyrimethamine	2001–2002	7	3.3	1.7	10.2	2.0	5.8
Amodiaquine	2001–2002	3	2.8	2.0	5.1	2.0	5.1
Amodiaquine+sulfadoxine-pyrimethamine	2001–2003	4	0.0				
Artemether–lumefantrine	2003	1	0.0				
Artesunate+amodiaquine	2002	2	0.0	0.0	0.0	0.0	0.0
Artesunate+mefloquine	2002	2	0.0	0.0	0.0	0.0	0.0
Sierra Leone							
Chloroquine	1998–2003	7	34.5	26.3	58.5	32.0	51.5
Sulfadoxine-pyrimethamine	2001–2003	5	11.2	7.8	23.4	9.1	17.7
Amodiaquine	2002–2003	5	1.8	0.0	7.6	0.0	5.8
Somalia							
Chloroquine	1997–2003	5	51.0	27.5	78.0	30.4	74.0
Sulfadoxine-pyrimethamine	1997–2003	3	4.0	2.0	5.9	2.0	5.9
South Africa							
Chloroquine	1997	4	53.8	40.0	62.5	44.2	60.8
Sulfadoxine-pyrimethamine	1997–2002	6	7.3	3.6	87.8	3.7	55.7
Artemether–lumefantrine	2002	1	0.0				
Artesunate+sulfadoxine-pyrimethamine	2004	1	5.0				

Table A.6 Summary of antimalarial drug efficacy results expressed as treatment failure

	Study years	Number of studies	Median	Range		Percentile	
				Low	High	25th	75th
Sudan							
<i>High transmission area</i>							
Chloroquine	2001–2003	5	53.1	16.6	60.7	32.4	59.4
Sulfadoxine–pyrimethamine	2001–2002	3	6.0	0.0	12.0	0.0	12.0
Amodiaquine	2001	2	6.5	6.0	7.0	6.0	7.0
Artesunate+amodiaquine	2003	2	0.4	0.0	0.8	0.0	0.8
Artesunate+sulfadoxine–pyrimethamine	2003	2	1.7	0.8	2.5	0.8	2.5
<i>Moderate/low transmission area</i>							
Chloroquine	1996–2003	24	47.6	0.0	76.9	33.8	57.4
Sulfadoxine–pyrimethamine	1996–2003	7	4.2	0.0	11.7	2.0	8.1
Mefloquine	1999	1	2.5				
Chloroquine+sulfadoxine–pyrimethamine	2003	2	10.2	5.9	14.4	5.9	14.4
Swaziland							
Chloroquine	2000	1	12.5				
Togo							
Chloroquine	1998–2001	6	6.1	0.0	28.8	1.6	23.7
Uganda							
Chloroquine	1996–2001	18	29.3	7.5	81.2	16.4	58.7
Sulfadoxine–pyrimethamine	1996–2002	25	11.4	0.0	25.0	5.0	16.8
Amodiaquine	1999–2002	5	8.8	0.0	14.5	1.6	12.3
Chloroquine+sulfadoxine–pyrimethamine	1996–2003	15	12.0	0.0	37.0	7.0	19.0
Amodiaquine+sulfadoxine–pyrimethamine	1999–2003	12	1.6	0.0	13.0	0.5	3.5
Artesunate+amodiaquine	2002–2003	5	1.0	0.0	4.0	0.5	3.7
Artesunate+sulfadoxine–pyrimethamine	2000	1	0.5				
United Republic of Tanzania							
<i>Mainland</i>							
Chloroquine	1997–1999	8	43.0	27.6	71.0	36.6	53.5
Sulfadoxine–pyrimethamine	1997–2002	15	10.5	1.4	33.8	5.6	16.9
Amodiaquine	1999–2002	12	3.7	0.0	10.8	1.6	6.9
Amodiaquine+sulfadoxine–pyrimethamine	1999	1	3.4				
<i>Zanzibar</i>							
Chloroquine	2001	2	60.5	60.2	60.8	60.2	60.8
Sulfadoxine–pyrimethamine	2001	2	8.9	4.7	13.1	4.7	13.1
Amodiaquine	2001	2	5.6	4.7	6.5	4.7	6.5
Artemether–lumefantrine	2002	2	1.0	0.0	2.0	0.0	2.0
Artesunate+amodiaquine	2002	2	1.9	1.8	1.9	1.8	1.9
Zambia							
Chloroquine	1996–2002	22	31.9	6.6	54.0	24.6	46.3
Sulfadoxine–pyrimethamine	1996–2003	17	7.9	0.0	17.9	3.3	14.2
Artemether–lumefantrine	2003	3	0.0	0.0	0.0	0.0	0.0
Artesunate+sulfadoxine–pyrimethamine	2002–2003	5	0.0	0.0	1.7	0.0	0.9
Zimbabwe							
Chloroquine	1999–2003	28	10.8	0.0	42.3	5.0	19.9
Sulfadoxine–pyrimethamine	1999	2	10.0	0.0	20.0	0.0	20.0
Chloroquine+sulfadoxine–pyrimethamine	2001–2004	25	1.1	0.0	8.6	0.0	3.9
Asia							
Afghanistan							
Chloroquine	1999–2002	4	67.7	60.0	89.5	61.7	80.8
Sulfadoxine–pyrimethamine	2002–2003	3	8.7	4.0	22.7	4.0	22.7
Amodiaquine	2004	1	37.7				
Amodiaquine+sulfadoxine–pyrimethamine	2003–2004	2	2.0	1.0	3.0	1.0	3.0

ANNEX 2. COUNTRY DATA, BY REGION

	Study years	Number of studies	Median	Range		Percentile	
				Low	High	25th	75th
Bangladesh							
Chloroquine	1996–1999	3	63.6	50.0	77.2	50.0	77.2
Mefloquine	1996	1	27.2				
Chloroquine+sulfadoxine–pyrimethamine	1996–2003	7	30.7	12.9	37.2	24.0	33.0
Artemether–lumefantrine	2002	1	0.8				
Artesunate+mefloquine	2002	1	0.9				
Bhutan							
Chloroquine	1997	4	78.1	64.7	80.7	70.8	80.0
Sulfadoxine–pyrimethamine	1998	1	34.8				
Mefloquine	1999	1	9.7				
Artesunate combinations	2000–2003	8	4.9	1.1	12.0	2.2	8.7
Cambodia							
Artemether–lumefantrine	2001–2004	3	26.9	13.5	30.0	13.5	30.0
Artesunate+mefloquine	2001–2004	12	3.7	0.0	14.3	1.1	8.1
China							
Chloroquine	1997–1999	2	29.6	18.4	40.7	18.4	40.7
India							
Chloroquine	1996–2004	25	34.0	0.0	95.9	23.6	65.4
Sulfadoxine–pyrimethamine	1999–2003	12	17.9	0.0	68.2	3.0	45.4
Mefloquine	1996–2001	3	4.5	0.0	7.8	0.0	7.8
Chloroquine+sulfadoxine–pyrimethamine		1	6.5				
Artesunate+mefloquine	2001	2	6.4	1.9	10.9	1.9	10.9
Indonesia							
Chloroquine	1995–2003	18	69.5	11.1	100.0	49.5	78.3
Sulfadoxine–pyrimethamine	1996–2003	12	17.8	0.0	82.9	12.0	43.0
Chloroquine+sulfadoxine–pyrimethamine	1999–2003	2	22.2	6.2	38.2	6.2	38.2
Artesunate+sulfadoxine–pyrimethamine	1999	1	4.3				
Iran (Islamic Republic of)							
Chloroquine	2000–2002	4	72.5	61.0	75.0	66.4	74.2
Sulfadoxine–pyrimethamine	1999–2001	3	0.0	0.0	5.7	0.0	5.7
Lao People's Democratic Republic							
Chloroquine	1998–2002	5	44.8	31.3	52.8	36.7	49.5
Sulfadoxine–pyrimethamine	2001–2002	3	18.0	17.9	18.7	17.9	18.7
Mefloquine	2001	1	0.0				
Chloroquine+sulfadoxine–pyrimethamine	2001	2	12.3	7.8	16.7	7.8	16.7
Artemether–lumefantrine	2001–2003	2	4.7	3.1	6.3	3.1	6.3
Artesunate+mefloquine	2001–2003	2	0.0	0.0	0.0	0.0	0.0
Malaysia							
Chloroquine	2003	1	45.2				
Sulfadoxine–pyrimethamine	1996	1	29.4				
Mefloquine	1996	1	0.0				
Chloroquine+sulfadoxine–pyrimethamine	1999–2003	4	47.6	31.3	62.5	37.5	57.0
Myanmar							
Chloroquine	1997–2002	18	24.7	6.0	76.0	12.5	34.7
Sulfadoxine–pyrimethamine	1997–2002	18	27.8	0.0	100.0	7.9	37.7
Mefloquine	1997–2002	18	6.0	0.0	44.4	0.0	16.4
Artemether–lumefantrine	2003	3	2.0	0.0	2.0	0.0	2.0
Artesunate+amodiaquine	2003	4	4.0	3.0	7.0	3.5	5.5
Artesunate+sulfadoxine–pyrimethamine	2003	2	0.0	0.0	0.0	0.0	0.0
Artesunate+mefloquine	1996–2003	10	1.5	0.0	8.0	0.0	5.1
Nepal							
Sulfadoxine–pyrimethamine	1997–2003	7	22.0	0.0	88.2	0.0	72.7

Table A.6 Summary of antimalarial drug efficacy results expressed as treatment failure

	Study years	Number of studies	Median	Range		Percentile	
				Low	High	25th	75th
Pakistan							
Chloroquine	2001–2002	13	28.9	18.2	79.0	25.9	66.6
Sulfadoxine–pyrimethamine	2001–2002	4	13.0	8.7	18.7	9.8	16.9
Amodiaquine	2002	1	83.3				
Artesunate+amodiaquine	2002	1	18.0				
Artesunate+chloroquine	2002	1	28.8				
Artesunate+sulfadoxine–pyrimethamine	2002	1	0.0				
Papua New Guinea							
Chloroquine+sulfadoxine–pyrimethamine	1998–2003	4	0.0	0.0	27.0	0.0	13.5
Amodiaquine+sulfadoxine–pyrimethamine	1998	1	0.0				
Philippines							
Chloroquine	1996–2000	9	42.1	16.4	76.2	32.1	52.0
Sulfadoxine–pyrimethamine	1999–2001	7	42.6	8.5	66.7	12.5	60.6
Chloroquine+sulfadoxine–pyrimethamine	2001–2002	3	18.4	11.1	29.6	11.1	29.6
Saudi Arabia							
Chloroquine	1997–1998	2	15.4	12.4	18.4	12.4	18.4
Solomon Islands							
Chloroquine	1997–2001	5	27.8	10.7	66.7	12.2	49.8
Sri Lanka							
Chloroquine	2002–2003	2	31.8	10.0	53.5	10.0	53.5
Artesunate+sulfadoxine–pyrimethamine	1999	1	0.0				
Tajikistan							
Chloroquine	2002	1	56.0				
Sulfadoxine–pyrimethamine	2002	1	16.0				
Chloroquine+sulfadoxine–pyrimethamine	2003	1	2.1				
Thailand							
Mefloquine	1995–2003	19	13.8	2.0	68.4	7.5	28.0
Artemether–lumefantrine	1996–2002	6	2.6	0.0	3.9	0.5	3.5
Artesunate+mefloquine	1995–2003	34	3.6	0.0	21.4	1.2	8.1
Timor-Leste							
Chloroquine	2000	1	66.7				
Sulfadoxine–pyrimethamine	2001	1	10.0				
Vanuatu							
Chloroquine+sulfadoxine–pyrimethamine	2001	1	16.0				
Viet Nam							
Chloroquine	1997–2001	4	52.3	6.2	71.9	27.0	64.3
Sulfadoxine–pyrimethamine	1997–2002	4	16.6	12.2	70.6	13.0	41.9
Mefloquine	1998–1999	4	11.7	0.0	42.3	0.0	32.8
Artemether–lumefantrine	2001	1	2.2				
Artesunate+chloroquine		2	37.4	28.0	46.8	28.0	46.8
Artesunate+sulfadoxine–pyrimethamine		2	33.2	8.3	58.1	8.3	58.1
Artesunate+mefloquine	1998–2000	2	5.6	0.0	11.1	0.0	11.1
Yemen							
Chloroquine	1998–2003	9	42.4	9.0	57.0	23.3	44.9
Sulfadoxine–pyrimethamine	2003	1	0.0				

The Americas	Study years	Number of studies	Median	Range		Percentile	
				Low	High	25th	75th
Bolivia							
Sulfadoxine–pyrimethamine	2002	1	18.7				
Mefloquine	2001	2	0.0	0.0	0.0	0.0	0.0
Artesunate+mefloquine	2001	3	0.0	0.0	0.0	0.0	0.0
Brazil							
Mefloquine	1996–2002	6	5.2	0.0	9.7	0.5	7.9
Colombia							
Chloroquine	1997–1998	5	66.6	44.5	96.6	47.3	83.7
Sulfadoxine–pyrimethamine	1997–2002	12	10.8	0.0	26.5	1.9	15.8
Amodiaquine	1997–2002	7	11.5	0.0	50.0	3.2	27.3
Mefloquine	2002–2003	3	2.2	0.0	6.4	0.0	6.4
Chloroquine+sulfadoxine–pyrimethamine	2002	2	17.4	12.1	22.6	12.1	22.6
Amodiaquine+sulfadoxine–pyrimethamine	2001–2003	4	2.3	0.0	10.8	1.1	6.6
Ecuador							
Chloroquine	1998–2003	4	85.4	83.3	94.4	84.2	90.1
Sulfadoxine–pyrimethamine	2001–2003	3	4.0	0.0	17.1	0.0	17.1
Chloroquine+sulfadoxine–pyrimethamine	2003	1	0.0				
Artesunate+sulfadoxine–pyrimethamine	2003	2	0.0	0.0	0.0	0.0	0.0
French Guiana							
Mefloquine	1996	1	3.4				
Guyana							
Chloroquine	1998	1	55.6				
Mefloquine	2003	1	28.1				
Artesunate+mefloquine	2003	1	7.5				
Peru							
Chloroquine	1998–2002	6	86.4	75.6	90.0	78.3	89.8
Sulfadoxine–pyrimethamine	1998–2002	9	11.8	0.0	80.0	1.7	65.2
Mefloquine	1999–2000	4	0.0	0.0	0.0	0.0	0.0
Artesunate+sulfadoxine–pyrimethamine	2000	1	1.1				
Artesunate+mefloquine	2000	1	0.0				
Suriname							
Mefloquine	2002	1	7.3				
Artemether–lumefantrine	2003	2	2.0	1.9	2.0	1.9	2.0
Artesunate+mefloquine	2002–2003	2	4.1	2.4	5.8	2.4	5.8
Venezuela							
Chloroquine	1997–2002	5	48.6	0.0	100.0	13.1	88.6
Sulfadoxine–pyrimethamine	1997–1999	3	20.0	0.0	23.0	0.0	23.0

Notes:

Median, range and quartiles are based on percentage clinical failure with at least 14-day follow up for countries in Africa south of the Sahara. For all other areas, including South Africa and moderate/low transmission areas of Sudan, percentage total failure is used.

Table A.7 Percentage of households that have at least one mosquito net, by background characteristics

	Year	Source	Scale	Total	Residence		Wealth quintile				
					Urban	Rural	Poorest	Second	Middle	Fourth	Least poor
Benin	2004	MoH/RBM 2004	6 health zones	61.1	-	-	-	-	-	-	-
	2002	PSI 2002	1 district	12.0	-	-	-	-	-	-	-
	2001	DHS 2001	national	40.2	48.9	35.0	-	-	-	-	-
		PSI 2001	sub-national	58.0	-	-	-	-	-	-	-
Burkina Faso	2003	DHS 2003	3 health zones	47.4	-	-	-	-	-	-	-
	2003	DHS 2003	national	40.4	46.4	38.8	34.1	39.7	37.3	38.6	51.5
Cameroon	2001	PSI 2001	3 provinces	15.0	-	-	-	-	-	-	-
Chad	2000	RBM 2001	5 districts	68.2	-	-	-	-	-	-	-
Congo	2003	PSI 2003	1 district	27.9	-	-	-	-	-	-	-
Eritrea	2003	MoH 2003	3 zobas	91.2	-	-	-	-	-	-	-
Ethiopia	2002	DHS 2002	national	33.8	28.3	37.3	-	-	-	-	-
	2001	RBM 2001	14 districts	16.2	-	-	-	-	-	-	-
Ghana	2000	DHS 2000	national	1.1	3.1	0.6	-	-	-	-	-
	2003	DHS 2003	national	17.6	9.9	24.2	27.9	23.6	17.1	12.1	11.4
Kenya		Grabowsky et al., 2003	1 district	94.4	-	-	92.2	96.0	98.0	94.0	91.7
	2003	DHS 2003	national	21.8	37.6	16.6	11.2	11.4	14.0	24.4	39.3
	2001	PSI 2000	6 regions	37.0	-	-	-	-	-	-	-
Madagascar		RBM 2001	4 districts	29.7	-	-	-	-	-	-	-
	2001	PSI 2001	1 district	60.8	-	-	-	-	-	-	-
Malawi	2004	MoH 2004	national	42.9	63.3	39.3	-	-	-	-	-
	2000	DHS 2000	national	13.1	32.1	10.1	-	-	-	-	-
Mali		IMCI 2000	5 districts	18.2	-	-	-	-	-	-	-
	1998	PSI 1998	1 district	22.2	28.0	14.0	-	-	-	-	-
	2003	NetMark 2003	5 areas	72.8	81.0	67.3	-	-	-	-	-
Mauritania	2001	DHS 2001	national	54.4	57.7	53.4	-	-	-	-	-
	2004	DHS 2003-2004	national	56.0	42.5	66.2	-	-	-	-	-
Mozambique	2001	DHS 2000-2001	national	55.6	39.9	66.8	-	-	-	-	-
	2000	NetMark 2000	5 areas	26.5	34.0	21.5	-	-	-	-	-
Namibia	2000	DHS 2000	national	13.1	10.9	14.5	-	-	-	-	-

	Year	Source	Scale	Total	Residence			Wealth quintile				
					Urban	Rural	Total	Poorest	Second	Middle	Fourth	Least poor
Nigeria	2003	DHS 2003	national	11.8	5.4	15.5	23.0	15.5	10.8	8.0	3.3	
	2000	NetMark 2000	5 areas	12.0	13.3	11.2	-	-	-	-	-	-
	2001	PSI 2001		11.1	56.0	4.3	-	-	-	-	-	-
Rwanda	2000	DHS 2000	national	6.6	29.7	2.9	-	-	-	-	-	-
	1997	PSI 1997	3 areas	3.2	-	-	-	-	-	-	-	-
Senegal	2000	NetMark 2000	5 areas	33.6	28.8	36.8	-	-	-	-	-	-
Togo	2000	RBM 2000	3 districts	30.5	-	-	-	-	-	-	-	-
Uganda	2003	Fapohunda BM., 2003	6 districts	30.0	-	-	-	-	-	-	-	-
		Gertrude N., 2004	1 district	43.7	-	-	-	-	-	-	-	-
	2002	Spencer et al., 2004	1 district	78.2	-	-	-	-	-	-	-	-
UR Tanzania	2001	DHS 2000-2001	national	12.8	32.9	9.2	-	-	-	-	-	-
		MoH 2001 (RBM baseline survey)	4 districts	17.6	-	-	-	-	-	-	-	-
	2000	CMS 2000	district	22.4	45.5	16.5	-	-	-	-	-	-
Zimbabwe		NetMark 2000	5 areas	34.0	47.4	24.9	-	-	-	-	-	-
		PSI 2000	4 provinces	22.4	-	-	-	-	-	-	-	-
	1999	Nuwaha F., 1999	1 district	55.0	-	-	-	-	-	-	-	-
Zambia	2001	NSO 2001	national	37.1	67.4	27.9	-	-	-	-	-	-
	2000	Nathan R. et al., 2004	2 districts	73.0	-	-	54.0	64.0	74.0	83.0	92.0	
		PSI 2000	4 areas	51.1	-	-	-	-	-	-	-	-
Zimbabwe	1999	DHS 1999	national	30.3	57.1	20.8	-	-	-	-	-	-
	1998	PSI 1998	4 areas	32.0	-	-	-	-	-	-	-	-
	1997	Nathan R. et al., 2004	2 districts	37.0	-	-	20.0	29.0	32.0	45.0	63.0	
Zimbabwe	2002	DHS 2002-2003	national	27.2	34.9	23.3	-	-	-	-	-	-
	2000	NetMark 2000	5 areas	26.5	34.9	20.8	-	-	-	-	-	-
	1999	DHS 1999	national	10.2	16.5	6.3	-	-	-	-	-	-

	Year	Source	Scale	Total	Residence	
					Urban	Rural
Afghanistan	2002	MoH 2002	50 districts	10.8	-	-
Cambodia	2000	DHS 2000	national	82.0	91.5	80.3
Lao PDR	2001	PSI 2001	2 provinces	96.9	-	-
Myanmar	2001	PSI 2001	1 state	50.0	-	-
Nepal	2003	MoH 2003	8 districts	73.0	-	-
Timor-Leste	2004	MoH 2005	national	36.0	-	-

Table A.7 Percentage of households that have at least one mosquito net, by background characteristics

The Americas	Year	Source	Scale	Residence	
				Urban	Rural
Bolivia	2002	PSI 2002	1 province	-	-
	2001	PSI 2001a	1 province	-	-
		PSI 2001b	1 province	-	-
Colombia	2000	DHS 2000	national	30.6	32.1
	2001	DHS 2001	national	45.6	37.0

Table A.8 Percentage of households that have at least one insecticide-treated net, by background characteristics

Africa	Year	Source	Scale	Residence					Wealth quintile				
				Total	Urban	Rural	Poorest	Second	Middle	Fourth	Least poor		
Benin	2004	MoH/RBM 2004	6 health zones	41.9	-	-	-	-	-	-	-	-	-
	2002	PSI 2002	1 district	2.1	-	-	-	-	-	-	-	-	-
	2001	PSI 2001	sub-national	26.7	-	-	-	-	-	-	-	-	-
Burkina Faso		RBM 2000	3 health zones	5.4	-	-	-	-	-	-	-	-	-
	2003	DHS 2003	national	4.6	12.0	2.7	1.5	1.7	2.2	3.6	13.1	-	
	2001	RBM 2000	district	17.4	-	-	-	-	-	-	-	-	
Chad	2000	RBM 2001	5 districts	5.4	-	-	-	-	-	-	-	-	
	2003	PSI 2003	1 district	2.4	-	-	-	-	-	-	-	-	
Eritrea	2003	MoH 2003	3 zobas	71.0	-	-	-	-	-	-	-	-	
Ethiopia	2000	DHS 2000	national	0.2	0.4	0.1	-	-	-	-	-	-	
	2003	DHS 2003	national	3.2	2.3	4.0	7.1	2.1	2.0	2.2	3.7		
	2001	RBM 2001	5 districts	12.2	-	-	-	-	-	-	-		
Guinea	2001	RBM 2001	4 districts	7.0	-	-	-	-	-	-	-		
	2003	DHS 2003	national	5.9	10.6	4.4	2.5	2.6	4.2	5.6	11.7		
Malawi	2004	MoH 2004	national	33.8	52.3	30.4	-	-	-	-	-		
	2000	DHS 2000	national	4.9	-	-	-	-	-	-	-		
		IMCI 2000	5 districts	7.0	-	-	-	-	-	-	-		
Mali	1998	PSI 1998	1 district	0.4	0.6	0.0	-	-	-	-	-		
	2003	RBM 2003	district	25.1	-	-	-	-	-	-	-		

	Year	Source	Scale	Total	Residence		Wealth quintile				
					Urban	Rural	Poorest	Second	Middle	Fourth	Least poor
Mauritania	2004	DHS 2003–2004	national	0.6	0.5	0.6	-	-	-	-	-
Mozambique	2000	NetMark 2000	5 areas	7.2	9.3	5.8	-	-	-	-	-
Nigeria	2003	DHS 2003	national	2.2	1.0	2.9	4.5	1.3	2.4	2.1	1.0
	2000	NetMark 2000	5 areas	0.1	0.3	0.0	-	-	-	-	-
Senegal	2000	NetMark 2000	5 areas	11.0	10.0	11.7	-	-	-	-	-
Togo	2005	MoH, 2005	12 districts	62.0	-	-	61.5	64.2	59.5	66.4	60.3
Uganda	2003	Gertrude N., 2004	1 district	11.5	-	-	-	-	-	-	-
	2002	Spencer et al., 2004	1 district	75.6	-	-	-	-	-	-	-
	2001	MoH 2001 (RBM baseline survey)	4 districts	1.7	-	-	-	-	-	-	-
	2000	NetMark 2000	5 areas	3.8	6.7	1.8	-	-	-	-	-
	1999	Nuwaha F., 1999	1 district	6.8	-	-	-	-	-	-	-
UR Tanzania	1999	DHS 1999	national	1.3	-	-	-	-	-	-	-
	1998	PSI 1998	4 areas	6.0	-	-	-	-	-	-	-
Zambia	2002	DHS 2002–2003	national	13.6	16.1	12.4	-	-	-	-	-
	2001	RBM 2001	10 districts	1.6	-	-	-	-	-	-	-
	2000	NetMark 2000	5 areas	9.3	9.4	9.2	-	-	-	-	-

Asia

	Year	Source	Scale	Total
Afghanistan	2002	MoH 2002	50 districts	4.8
Lao PDR	2001	PSI 2001	2 provinces	63.8

The Americas

	Year	Source	Scale	Total	Residence	
					Urban	Rural
Bolivia	2001	PSI 2001b	1 province	13.4	-	-
Colombia	2000	DHS 2000	national	2.8	2.5	3.7

Table A.9 Percentage of children under 5 years of age that slept under a mosquito net during the night preceding the survey, by background characteristics

Africa	Year	Source	Scale	Total	Gender		Residence			Wealth quintile			
					Male	Female	Urban	Rural	Poorest	Second	Middle	Fourth	Least poor
Angola	2001	MICS 2001	national	10.2	9.5	10.9	10.9	8.6	7.1	5.7	5.4	11.1	20.2
Benin	2004	MoH/RBM 2004	6 health zones	31.3	-	-	-	-	-	-	-	-	-
	2002	PSI 2002	sub-national	46.2	-	-	-	-	-	-	-	-	-
	2001	DHS 2001	national	32.0	31.7	32.3	42.9	26.8	-	-	-	-	-
	1999	MICS 1999	national	38.7	-	-	48.0	32.2	-	-	-	-	-
Burkina Faso	2003	DHS 2003	national	19.8	19.6	20.0	22.8	19.3	22.3	19.4	17.1	16.0	26.4
Burundi	2000	MICS 2000	national	2.6	2.7	2.6	27.6	0.7	0.2	0.7	0.8	1.9	8.8
Cameroon	2001	PSI 2001	3 provinces	6.2	-	-	-	-	-	-	-	-	-
	2000	MICS 2000	national	11.3	11.4	11.3	17.6	8.7	7.3	9.8	8.9	14.5	18.6
CAR	2000	MICS 2000	national	30.9	31.0	30.8	48.2	19.8	18.6	16.7	23.1	41.4	58.8
Chad	2000	MICS 2000	national	26.9	26.6	27.2	57.5	18.6	22.5	13.6	19.5	32.1	50.3
		RBM 2001	5 districts	43.3	-	-	-	-	-	-	-	-	-
Comoros	2000	MICS 2000	national	36.4	37.3	35.5	56.8	31.1	23.4	25.6	32.8	40.9	60.6
Côte d'Ivoire	2000	MICS 2000	national	9.6	9.7	9.4	11.9	7.9	7.0	8.0	12.9	11.0	9.8
DR Congo	2001	MICS 2001	national	11.8	11.9	11.7	15.0	10.3	7.1	14.0	9.7	9.6	18.6
Equatorial Guinea	2000	MICS 2000	national	15.4	16.7	14.0	29.8	9.9	7.3	8.6	22.8	16.3	26.8
Eritrea	2003	MoH 2003	3 zobas	81.0	-	-	-	-	-	-	-	-	-
	2002	DHS 2002	national	12.1	11.8	12.4	14.3	11.0	-	-	-	-	-
Ethiopia	2001	RBM 2001	14 districts	17.1	-	-	-	-	-	-	-	-	-
Gabon	2000	DHS 2000	national	8.7	-	-	7.5	14.4	-	-	-	-	-
Gambia	2000	MICS 2000	national	42.1	43.1	41.0	35.7	45.9	44.5	46.1	44.5	37.8	32.9
Ghana	2003	DHS 2003	national	14.7	-	-	9.0	17.5	16.8	17.1	16.0	11.2	9.6
		Grabowsky et al., 2003	1 district	60.2	-	-	-	-	62.3	70.8	61.5	58.5	74.5
	2001	RBM 2001	5 districts	27.0	-	-	-	-	-	-	-	-	-
Guinea	2001	RBM 2001	4 districts	27.2	-	-	-	-	-	-	-	-	-
Guinea-Bissau	2000	MICS 2000	national	67.0	67.2	66.7	74.9	63.5	60.5	63.4	66.8	71.4	74.7
Kenya	2003	DHS 2003	national	14.5	14.9	14.2	32.6	10.7	6.4	7.0	11.4	18.3	35.3
	2001	PSI 2000	6 regions	31.2	-	-	-	-	-	-	-	-	-
		RBM 2001	4 districts	15.1	-	-	-	-	-	-	-	-	-
	2000	MICS 2000	national	16.4	15.7	17.1	34.9	10.2	6.8	8.6	9.2	19.2	42.5

	Year	Source	Scale	Gender		Residence			Wealth quintile					
				Total	Male	Female	Urban	Rural	Poorest	Second	Middle	Fourth	Least poor	
Madagascar	2001	PSI 2001	1 district	54.7	-	-	-	-	-	-	-	-	-	-
	2000	MICS 2000	national	30.3	30.1	30.5	31.7	29.9	27.9	38.0	30.3	23.0	31.6	
Malawi	2004	MoH 2004	national	38.0	-	-	57.5	34.1	-	-	-	-	-	
	2000	DHS 2000	national	7.6	-	-	20.8	5.7	-	-	-	-	-	
		IMCI 2000	5 districts	8.6	-	-	-	-	-	-	-	-	-	
	1998	PSI 1998	1 district	58.0	-	-	60.0	53.0	-	-	-	-	-	
Mali	2003	NetMark 2003	5 areas	52.7	-	-	-	-	-	-	-	-	-	
Mauritania	2004	DHS 2003-2004	national	30.8	30.6	31.0	25.7	34.5	-	-	-	-	-	
Mozambique	2000	NetMark 2000	5 areas	12.5	-	-	17.1	9.8	-	-	-	-	-	
Namibia	2000	DHS 2000	national	6.7	-	-	5.0	7.5	-	-	-	-	-	
Niger	2000	MICS 2000	national	16.6	17.2	16.0	35.8	13.7	12.9	7.8	15.5	14.0	32.5	
Nigeria	2003	DHS 2003	national	5.9	6.3	5.6	3.6	7.0	-	-	-	-	-	
	2000	NetMark 2000	5 areas	8.8	-	-	9.9	8.2	-	-	-	-	-	
Rwanda	2001	PSI 2001		47.3	-	-	50.0	45.7	-	-	-	-	-	
	2000	DHS 2000	national	5.6	-	-	26.9	1.7	-	-	-	-	-	
		MICS 2000	national	6.0	5.6	6.4	27.8	2.2	0.5	0.9	0.8	9.7	37.7	
Sao Tome & Principe	2000	MICS 2000	national	42.5	41.8	42.4	60.4	27.1	31.4	14.8	25.9	25.5	47.6	
Senegal	2000	MICS 2000	national	15.2	14.6	15.9	13.3	16.3	15.5	20.4	15.7	11.4	11.7	
		NetMark 2000	5 areas	17.7	-	-	13.7	19.9	-	-	-	-	-	
Sierra Leone	2000	MICS 2000	national	15.2	16.1	14.3	12.6	16.1	15.6	15.7	14.9	15.4	14.4	
Somalia	1999	MICS 1999	national	15.6	15.9	15.3	18.7	16.3	-	-	-	-	-	
Sudan	2000	MICS 2000	national	23.1	23.1	23.1	25.8	20.6	18.1	23.0	27.4	23.6	23.1	
Swaziland	2000	MICS 2000	national	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.5	
Togo	2000	MICS 2000	national	14.8	15.4	14.1	18.5	13.3	11.3	11.8	13.1	16.1	26.2	
		RBM 2000	3 districts	22.7	-	-	-	-	-	-	-	-	-	
Uganda	2003	CMS 2003a	2 districts	1.0	-	-	-	-	-	-	-	-	-	
		CMS 2003b	4 districts	1.0	-	-	-	-	-	-	-	-	-	
		Fapohunda BM, 2003	6 districts	22.0	-	-	-	-	-	-	-	-	-	
		GTZ 2001	3 districts	1.0	-	-	-	-	-	-	-	-	-	
	2001	DHS 2000-2001	national	7.3	-	-	21.1	5.7	-	-	-	-	-	
		MoH 2001 (RBM baseline survey)	4 districts	11.8	-	-	-	-	-	-	-	-	-	
	2000	NetMark 2000	5 areas	24.7	-	-	34.3	18.3	-	-	-	-	-	
UR Tanzania	1999	DHS 1999	national	20.7	-	-	47.9	13.0	-	-	-	-	-	

Table A.9 Percentage of children under 5 years of age that slept under a mosquito net during the night preceding the survey, by background characteristics

Year	Source	Scale	Gender		Residence		Wealth quintile						
			Total	Male	Female	Urban	Rural	Poorest	Second	Middle	Fourth	Least poor	
Zambia	2002 DHS 2002-2003	national	16.3	16.5	16.1	21.9	13.7	-	-	-	-	-	-
	2001 RBM 2001	10 districts	13.2	-	-	-	-	-	-	-	-	-	-
	2000 NetMark 2000	5 areas	11.9	-	-	19.3	7.2	-	-	-	-	-	-
	1999 MICS 1999	national	6.0	6.1	5.9	8.5	4.7	3.9	3.0	4.8	7.2	11.5	-
Zimbabwe	1999 DHS 1999	national	3.0	-	-	-	-	-	-	-	-	-	-
Asia													
Azerbaijan	2000 MICS 2000	national	12.4	12.8	12.0	6.5	18.1	17.1	19.7	8.9	5.4	4.7	-
Indonesia	2000 MICS 2000	national	32.0	32.0	32.2	23.3	37.5	-	-	-	-	-	-
Iraq	2000 MICS 2000	national	7.4	7.3	7.5	6.9	8.3	-	-	-	-	-	-
Lao PDR	2001 PSI 2001	2 provinces	98.3	-	-	-	-	-	-	-	-	-	-
	2000 National Health Survey 2002	national	82.3	82.8	81.9	96.9	77.9	72.9	82.2	83.2	86.4	91.1	-
Tajikistan	2000 MICS 2000	national	5.9	5.6	6.1	6.1	5.8	2.9	6.8	7.3	6.5	6.0	-
Timor-Leste	2002 MICS 2002	national	47.5	48.1	46.8	74.6	39.3	26.1	33.2	46.3	58.6	77.1	-
Viet Nam	2000 MICS 2000	national	95.9	95.5	96.2	93.7	96.4	92.4	98.6	98.7	99.0	92.7	-
The Americas													
Bolivia	2001 PSI 2001a	1 province	97.1	-	-	-	-	-	-	-	-	-	-
Colombia	2000 DHS 2000	national	23.9	-	-	23.2	25.6	-	-	-	-	-	-
Guatemala	1999 MICS	national	6.4	-	-	5.6	19.1	-	-	-	-	-	-
Guyana	2000 MICS 2000	national	-	68.7	65.8	-	-	-	-	-	-	-	-
Suriname	2000 MICS 2000	national	76.6	75.4	77.9	-	-	0.0	50.0	58.1	74.9	-	-

Table A.10 Percentage of children under 5 years of age that slept under an insecticide-treated net during the night preceding the survey, by background characteristics

	Year	Source	Scale	Total	Gender		Residence			Wealth quintile				
					Male	Female	Urban	Rural	Poorest	Second	Middle	Fourth	Least poor	
Africa														
Angola	2001	MICS 2001	national	2.3	2.3	2.3	2.9	0.9	0.8	0.8	3.8	4.7	-	-
Benin	2003	AIMI/Benin 2003	3 districts	47.0	-	-	-	-	-	-	-	-	-	-
	2001	DHS 2001	national	7.4	7.0	7.8	13.5	4.4	-	-	-	-	-	-
		RBM 2000	3 health zones	4.4	-	-	-	-	-	-	-	-	-	-
	1999	MICS 1999	national	5.0	-	-	4.3	0.7	-	-	-	-	-	-
Burkina Faso	2003	DHS 2003	national	1.6	1.4	1.9	5.2	1.1	1.1	0.4	0.6	1.5	6.0	-
	2001	RBM 2000	district	12.4	-	-	-	-	-	-	-	-	-	-
Burundi	2000	MICS 2000	national	1.3	1.4	1.2	14.8	0.2	0.0	0.7	0.2	0.5	4.7	-
Cameroon	2000	MICS 2000	national	1.3	1.3	1.4	2.7	0.8	0.5	0.1	1.1	2.5	3.1	-
CAR	2000	MICS 2000	national	1.5	1.3	1.8	2.1	1.2	0.6	1.3	1.1	2.0	2.7	-
Chad	2000	MICS 2000	national	0.6	0.6	0.6	1.3	0.4	0.4	0.4	0.0	0.2	2.1	-
		RBM 2001	5 districts	2.9	-	-	-	-	-	-	-	-	-	-
Comoros	2000	MICS 2000	national	9.3	9.3	9.3	16.8	7.4	5.0	6.0	7.1	9.2	19.9	-
Côte d'Ivoire	2000	MICS 2000	national	1.1	1.2	1.1	1.9	0.6	0.3	1.0	1.6	1.2	2.1	-
DR Congo	2001	MICS 2001	national	0.7	0.7	0.8	2.1	0.1	0.0	0.1	0.2	0.4	3.1	-
Equatorial Guinea	2000	MICS 2000	national	0.7	0.9	0.6	3.2	0.2	0.0	0.2	1.9	0.6	3.1	-
Eritrea	2003	MoH 2003	3 zobas	63.0	-	-	-	-	-	-	-	-	-	-
	2002	DHS 2002	national	4.2	4.3	4.1	4.8	4.0	-	-	-	-	-	-
Gambia	2000	MICS 2000	national	14.7	14.4	15.2	7.2	19.4	17.6	20.7	13.9	10.8	7.4	-
Ghana	2003	DHS 2003	national	3.5	-	-	3.5	3.5	6.2	1.6	1.9	2.6	5.0	-
		Grabowsky et al., 2003	1 district	60.2	-	-	-	-	57.7	66.7	56.9	57.7	62.7	-
	2001	RBM 2001	5 districts	9.1	-	-	-	-	-	-	-	-	-	-
Guinea	2001	RBM 2001	4 districts	0.5	-	-	-	-	-	-	-	-	-	-
Guinea-Bissau	2000	MICS 2000	national	7.4	7.9	7.1	19.0	2.5	2.2	2.7	4.1	9.3	23.0	-
Kenya	2003	DHS 2003	national	4.6	5.1	4.1	9.8	3.5	1.2	2.2	4.9	4.8	12.0	-
	2001	RBM 2001	4 districts	4.5	-	-	-	-	-	-	-	-	-	-
	2000	MICS 2000	national	2.9	3.0	2.8	3.9	2.6	2.0	2.7	2.5	3.2	4.2	-
Madagascar	2000	MICS 2000	national	0.2	0.2	0.2	0.8	0.2	0.2	0.2	0.3	0.2	0.3	-
Malawi	2004	MoH 2004	national	35.5	-	-	50.1	32.2	-	-	-	-	-	-
	2000	DHS 2000	national	2.5	-	-	10.6	1.3	-	-	-	-	-	-

Table A.10 Percentage of children under 5 years of age that slept under an insecticide-treated net during the night preceding the survey, by background characteristics

Year	Source	Scale	Total	Gender		Residence		Wealth quintile						
				Male	Female	Urban	Rural	Poorest	Second	Middle	Fourth	Least poor		
2003	NetMark 2003	5 areas	17.7	-	-	-	-	-	-	-	-	-	-	-
	RBM 2003	district	8.4	-	-	-	-	-	-	-	-	-	-	-
2004	DHS 2003-2004	national	2.1	2.5	1.7	2.4	1.9	-	-	-	-	-	-	-
2000	NetMark 2000	5 areas	3.5	-	-	4.6	2.9	-	-	-	-	-	-	-
2000	MICS 2000	national	1.0	0.9	1.1	4.0	0.5	0.3	0.3	0.5	0.1	0.1	3.7	-
2003	DHS 2003	national	1.2	1.1	1.2	0.6	1.4	-	-	-	-	-	-	-
2000	NetMark 2000	5 areas	0.1	-	-	0.2	0.0	-	-	-	-	-	-	-
2000	DHS 2000	national	4.3	-	-	20.8	1.3	-	-	-	-	-	-	-
	MICS 2000	national	5.0	4.8	5.3	23.9	1.7	0.3	0.6	0.5	8.4	31.9	-	-
2000	MICS 2000	national	22.8	20.8	23.4	32.4	14.4	9.3	7.9	12.8	12.2	26.1	-	-
2000	MICS 2000	national	1.7	1.7	1.6	1.5	1.7	0.7	2.4	2.0	1.5	1.3	-	-
	NetMark 2000	5 areas	5.7	-	-	4.9	6.2	-	-	-	-	-	-	-
2000	MICS 2000	national	1.5	1.7	1.3	3.9	0.7	0.2	0.3	0.6	2.0	5.3	-	-
1999	MICS 1999	national	0.3	0.3	0.5	0.4	0.6	-	-	-	-	-	-	-
2000	MICS 2000	national	0.4	0.4	0.5	0.7	0.2	0.1	0.3	0.5	0.5	0.9	-	-
2000	MICS 2000	national	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.0	0.0	0.3	-	-
2000	MICS 2000	national	2.0	2.3	1.6	3.7	1.4	0.9	0.3	1.3	2.4	7.1	-	-
2003	Fapohunda BM, 2003	6 districts	4.0	-	-	-	-	-	-	-	-	-	-	-
2001	DHS 2000-01	national	0.2	-	-	0.9	0.2	-	-	-	-	-	-	-
	MoH 2001 (RBM baseline survey)	4 districts	2.0	-	-	-	-	-	-	-	-	-	-	-
2000	NetMark 2000	5 areas	3.1	-	-	5.5	1.5	-	-	-	-	-	-	-
1999	DHS 1999	national	2.1	-	-	4.8	1.3	-	-	-	-	-	-	-
2002	DHS 2002-2003	national	6.5	6.4	6.6	8.1	5.8	-	-	-	-	-	-	-
2001	RBM 2001	10 districts	10.2	-	-	-	-	-	-	-	-	-	-	-
2000	NetMark 2000	5 areas	4.1	-	-	6.1	2.8	-	-	-	-	-	-	-
1999	MICS 1999	national	1.1	1.3	0.8	1.6	0.8	0.2	0.4	1.0	1.1	2.9	-	-

	Year	Source	Scale	Total	Gender		Residence		Wealth quintile						
					Male	Female	Urban	Rural	Poorest	Second	Middle	Fourth	Least poor		
Asia															
Azerbaijan	2000	MICS 2000	national	1.4	1.5	1.3	0.9	1.9	2.0	1.8	1.6	0.3	0.8		
Indonesia	2000	MICS 2000	national	0.1	0.1	0.1	0.0	0.1	-	-	-	-	-		
Iraq	2000	MICS 2000	national	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-		
Lao PDR	2000	National Health Survey 2002	national	14.6	14.5	14.6	10.9	15.3	10.8	17.7	14.2	15.8	15.2		
Tajikistan	2000	MICS 2000	national	1.9	1.6	2.3	1.1	2.1	0.9	3.1	2.5	1.8	0.8		
Timor-Leste	2002	MICS 2002	national	3.9	4.0	3.9	8.8	2.5	0.9	1.7	4.1	8.0	5.7		
Viet Nam	2000	MICS 2000	national	15.8	14.4	17.3	3.8	18.6	27.3	15.1	11.0	11.6	4.1		

The Americas

Bolivia	2001	PSI 2001a	1 province	15.3	-	-	-	-	-	-	-	-	-		
Colombia	2000	DHS 2000	national	2.8	-	-	2.5	3.7	-	-	-	-	-		
Guatemala	1999	MICS	national	1.2	-	-	1.2	1.5	-	-	-	-	-		
Guyana	2000	MICS 2000	national	-	8.1	5.6	-	-	-	-	-	-	-		
Suriname	2000	MICS 2000	national	2.7	2.1	3.3	-	-	0.0	0.0	6.5	3.1			

Table A.1.1 Percentage of pregnant women that slept under a mosquito net during the night preceding the survey, by background characteristics

	Year	Source	Scale	Total	Residence					Wealth quintile				
					Urban	Rural	Poorest	Second	Middle	Fourth	Least poor			
Africa	2004	MoH/RBM 2004	6 health zones	51.5	-	-	-	-	-	-	-	-	-	
	2001	DHS 2001	national	33.2	39.0	30.5	-	-	-	-	-	-	-	
		RBM 2000	3 health zones	36.9	-	-	-	-	-	-	-	-	-	
Burkina Faso	2003	DHS 2003	national	24.0	24.6	23.9	29.2	25.7	29.7	21.0	26.7			
Cameroon	2001	PSI 2001	3 provinces	5.0	-	-	-	-	-	-	-	-		
Chad	2000	RBM 2001	5 districts	45.5	-	-	-	-	-	-	-	-		
Eritrea	2002	DHS 2002	national	6.6	-	-	7.4	5.5	5.2	8.7	7.0			
Ethiopia	2001	RBM 2001	14 districts	4.7	-	-	-	-	-	-	-	-		
Ghana	2003	DHS 2003	national	9.5	5.6	11.5	11.9	8.4	11.7	8.3	4.9			
	2001	RBM 2001	5 districts	21.6	-	-	-	-	-	-	-	-		
Guinea	2001	RBM 2001	4 districts	25.5	-	-	-	-	-	-	-	-		
Kenya	2003	DHS 2003	national	13.1	25.7	9.9	5.7	6.4	8.6	17.4	27.5			
	2001	PSI 2000	6 regions	23.1	-	-	-	-	-	-	-	-		
Madagascar	2001	PSI 2001	1 district	53.3	-	-	-	-	-	-	-	-		
Malawi	2004	MoH 2004	national	34.1	54.4	31.8	-	-	-	-	-	-		
Mali	2003	NetMark 2003	5 areas	49.1	-	-	-	-	-	-	-	-		
Mauritania	2004	DHS 2003-2004	national	31.2	27.2	34.6	-	-	-	-	-	-		
Mozambique	2000	NetMark 2000	5 areas	18.8	-	-	-	-	-	-	-	-		
Nigeria	2003	DHS 2003	national	5.4	3.2	6.2	-	-	-	-	-	-		
	2000	NetMark 2000	5 areas	7.4	-	-	-	-	-	-	-	-		
Senegal	2000	NetMark 2000	5 areas	21.4	-	-	-	-	-	-	-	-		
Uganda	2001	DHS 2000-2001	national	6.6	-	-	-	-	-	-	-	-		
	2000	NetMark 2000	5 areas	20.8	-	-	-	-	-	-	-	-		
Zambia	2002	DHS 2002-2003	national	17.4	-	-	-	-	-	-	-	-		
	2000	NetMark 2000	5 areas	4.1	-	-	-	-	-	-	-	-		
Asia														
Lao PDR	2001	PSI 2001	2 provinces	96.0										

Table A.12 Percentage of pregnant women that slept under an insecticide-treated net during the night preceding the survey, by background characteristics

	Year	Source	Scale	Total	Residence			Wealth quintile					
					Urban	Rural	Poorest	Second	Middle	Fourth	Least poor		
Benin	2004	MoH/RBM 2004	6 health zones	28.7	-	-	-	-	-	-	-	-	-
	2001	RBM 2000	3 health zones	3.8	-	-	-	-	-	-	-	-	-
Burkina Faso	2003	DHS 2003	national	2.6	6.1	2.1	0.6	0.7	2.7	1.5	8.3	-	-
	2001	RBM 2000	district	10.0	-	-	-	-	-	-	-	-	-
Chad	2000	RBM 2001	5 districts	7.2	-	-	-	-	-	-	-	-	-
Eritrea	2002	DHS 2002	national	2.9	-	-	3.4	2.3	0.8	3.8	5.5	-	-
Ghana	2003	DHS 2003	national	2.7	1.6	3.2	4.7	2.8	1.0	1.9	3.0	-	-
	2001	RBM 2001	5 districts	7.8	-	-	-	-	-	-	-	-	-
Guinea	2001	RBM 2001	4 districts	2.7	-	-	-	-	-	-	-	-	-
Kenya	2003	DHS 2003	national	4.4	4.8	4.3	1.7	2.2	6.5	6.3	5.9	-	-
	2004	MoH 2004	national	31.4	49.1	29.0	-	-	-	-	-	-	-
Malawi	2003	NetMark 2003	5 areas	19.6	-	-	-	-	-	-	-	-	-
		RBM 2003	district	19.0	-	-	-	-	-	-	-	-	-
Mozambique	2000	NetMark 2000	5 areas	5.6	-	-	-	-	-	-	-	-	-
Nigeria	2003	DHS 2003	national	1.3	0.4	1.6	-	-	-	-	-	-	-
	2000	NetMark 2000	5 areas	0.0	-	-	-	-	-	-	-	-	-
Senegal	2000	NetMark 2000	5 areas	6.0	-	-	-	-	-	-	-	-	-
	2001	DHS 2000-2001	national	0.5	-	-	-	-	-	-	-	-	-
Uganda		MoH 2001 (RBM baseline survey)	4 districts	2.3	-	-	-	-	-	-	-	-	-
	2000	NetMark 2000	5 areas	1.5	-	-	-	-	-	-	-	-	-
Zambia	2002	DHS 2002-2003	national	7.9	-	-	-	-	-	-	-	-	-
	2000	NetMark 2000	5 areas	1.4	-	-	-	-	-	-	-	-	-
The Americas				Year	Source	Scale	Total						
Bolivia	2001	PSI 2001a	1 province	17.8									

Table A.13 Percentage of children under 5 years of age with reported fever in the 2 weeks prior to the survey, by background characteristics

	Year	Source	Scale	Total	Gender		Residence			Wealth quintile			
					Male	Female	Urban	Rural	Poorest	Second	Middle	Fourth	Least poor
Angola	2001	MICS 2001	national	25.0	25.3	24.7	24.7	25.7	25.6	24.0	26.0	26.4	23.0
Benin	2001	DHS 2001	national	41.0	42.0	40.4	35.9	43.7	-	-	-	-	-
	1999	MICS 1999	national	15.0	-	-	15.0	16.0	-	-	-	-	-
Botswana	1988	DHS 1988	national	3.9	3.6	4.2	3.8	4.0	-	-	-	-	-
Burkina Faso	2003	DHS 2003	national	36.7	-	-	28.5	38.0	37.3	36.5	39.6	37.7	30.1
	1999	DHS 1998-1999	national	36.0	37.1	34.5	30.1	36.5	-	-	-	-	-
	1993	DHS 1992-1993	national	35.0	36.3	33.7	27.8	36.3	-	-	-	-	-
Burundi	2000	MICS 2000	national	16.5	17.6	15.5	14.8	16.6	14.5	19.6	17.7	14.1	17.0
Cameroon	2000	MICS 2000	national	24.8	24.8	24.8	22.9	25.6	26.9	23.6	26.3	23.0	23.4
	1991	DHS 1991	national	23.0	-	-	-	-	-	-	-	-	-
CAR	2000	MICS 2000	national	31.8	32.9	30.8	27.7	34.4	35.8	33.9	32.4	29.3	27.0
Chad	2000	MICS 2000	national	29.2	29.1	29.3	28.4	29.4	23.8	30.5	30.0	32.5	30.1
	1997	DHS 1996-1997	national	32.0	-	-	-	-	-	-	-	-	-
Comoros	2000	MICS 2000	national	31.0	30.5	31.5	25.0	32.6	29.8	33.9	33.0	29.9	28.5
Côte d'Ivoire	2000	MICS 2000	national	30.7	30.8	30.6	29.0	31.9	32.2	33.0	29.5	28.5	28.6
	1999	DHS 1998-1999	national	36.0	-	-	-	-	-	-	-	-	-
DR Congo	2001	MICS 2001	national	41.1	41.0	41.3	37.7	42.8	38.4	46.0	43.3	41.2	36.2
Equatorial Guinea	2000	MICS 2000	national	25.1	27.0	23.1	33.2	27.5	-	-	-	-	-
Eritrea	2002	DHS 2002	national	29.8	30.5	29.1	24.2	32.7	35.9	32.8	30.7	28.3	19.7
Ethiopia	2001	RBM 2001	14 districts	88.6	-	-	-	-	-	-	-	-	-
	2000	DHS 2000	national	28.4	29.0	27.8	25.0	28.8	-	-	-	-	-
Gabon	2000	DHS 2000	national	29.1	-	-	30.1	26.1	-	-	-	-	-
Gambia	2000	MICS 2000	national	14.8	14.4	15.3	14.4	15.1	14.8	15.6	12.3	19.1	12.4
Ghana	2003	DHS 2003	national	21.3	21.7	20.8	22.4	20.7	21.5	19.0	22.0	23.3	20.9
	1998	DHS 1998-1999	national	26.8	26.8	26.9	26.0	27.1	-	-	-	-	-
	1988	DHS 1988	national	35.0	-	-	-	-	-	-	-	-	-
Guinea	1999	DHS 1999	national	41.9	42.2	41.7	39.2	42.9	-	-	-	-	-
Guinea-Bissau	2000	MICS 2000	national	42.2	42.3	42.0	46.5	40.3	42.3	40.0	39.5	45.1	44.7

Year	Source	Scale	Gender		Residence			Wealth quintile				
			Total	Male	Female	Urban	Rural	Poorest	Second	Middle	Fourth	Least poor
2003	DHS 2003	national	41.6	42.2	41.0	40.4	41.9	38.4	44.7	43.3	42.0	40.1
2000	MICS 2000	national	15.3	15.7	15.1	10.8	17.0	21.6	16.4	14.2	14.5	8.6
1998	DHS 1998	national	42.3	42.4	42.2	41.7	42.4	-	-	-	-	-
1993	DHS 1993	national	41.0	-	-	-	-	-	-	-	-	-
1989	DHS 1988-1989	national	42.0	-	-	-	-	-	-	-	-	-
1986	DHS 1986	national	50.0	-	-	-	-	-	-	-	-	-
2000	MICS 2000	national	15.9	15.9	15.9	11.5	16.9	15.3	23.6	13.5	13.4	6.9
1992	DHS 1992	national	27.0	-	-	-	-	-	-	-	-	-
2004	MoH 2004	national	39.0	-	-	28.6	40.1	-	-	-	-	-
2000	DHS 2000	national	41.6	-	-	31.9	43.0	-	-	-	-	-
1992	DHS 1992	national	40.0	-	-	-	-	-	-	-	-	-
2001	DHS 2001	national	26.8	27.0	26.6	24.0	27.7	-	-	-	-	-
1987	DHS 1987	national	33.0	-	-	-	-	-	-	-	-	-
2004	DHS 2003-2004	national	37.5	39.9	34.4	34.1	40.2	-	-	-	-	-
2001	DHS 2000-2001	national	31.1	30.6	31.6	31.9	30.4	-	-	-	-	-
2000	DHS 2000	national	19.4	19.0	19.9	20.9	18.7	-	-	-	-	-
1992	DHS 1992	national	34.0	-	-	-	-	-	-	-	-	-
2000	MICS 2000	national	41.6	42.5	40.5	25.8	43.9	45.5	45.0	40.4	47.9	28.8
1992	DHS 1992	national	45.0	-	-	-	-	-	-	-	-	-
2003	DHS 2003	national	31.6	31.6	31.6	27.8	33.3	-	-	-	-	-
1999	DHS 1999	national	30.2	31.8	28.6	26.5	31.6	-	-	-	-	-
1990	DHS 1990	national	32.0	-	-	-	-	-	-	-	-	-
2000	DHS 2000	national	32.7	-	-	-	-	-	-	-	-	-
	MICS 2000	national	33.4	31.5	35.1	22.7	35.3	38.1	38.5	31.4	32.1	18.1
1992	DHS 1992	national	41.0	-	-	-	-	-	-	-	-	-
2000	MICS 2000	national	29.0	29.4	28.9	28.6	29.1	28.1	30.5	36.8	27.8	28.4
2000	MICS 2000	national	20.5	21.9	19.2	15.1	26.9	26.6	23.8	19.0	15.3	16.7
1993	DHS 1992-1993	national	38.0	-	-	-	-	-	-	-	-	-
2000	MICS 2000	national	45.9	46.3	45.6	43.9	46.6	46.3	50.1	45.2	48.5	37.8
1999	MICS 1999	national	17.0	17.5	16.5	18.5	17.6	-	-	-	-	-
2000	MICS 2000	national	20.7	21.8	19.6	18.4	22.8	21.0	20.5	21.2	20.5	20.6
2000	MICS 2000	national	4.0	3.8	4.1	9.1	3.0	2.5	2.8	3.2	6.1	8.6
2000	MICS 2000	national	36.2	35.9	36.4	28.8	38.9	41.2	37.9	39.1	35.6	20.9

Table A.13 Percentage of children under 5 years of age with reported fever in the 2 weeks prior to the survey, by background characteristics

Year	Source	Scale	Total	Gender		Residence		Wealth quintile						
				Male	Female	Urban	Rural	Poorest	Second	Middle	Fourth	Least poor		
2003	Fapohunda BM, 2003	6 districts	46.3	-	-	-	-	-	-	-	-	-	-	-
2001	DHS 2000-01	national	43.9	44.7	43.1	32.9	45.3	-	-	-	-	-	-	-
	MoH 2001 (RBM baseline survey)	4 districts	1.0	-	-	-	-	-	-	-	-	-	-	-
1989	DHS 1988-1989	national	41.0	-	-	-	-	-	-	-	-	-	-	-
1999	DHS 1999	national	35.1	36.5	33.7	33.4	35.5	-	-	-	-	-	-	-
1996	DHS 1996	national	30.0	-	-	-	-	-	-	-	-	-	-	-
1992	DHS 1991-1992	national	31.0	-	-	-	-	-	-	-	-	-	-	-
2002	DHS 2002-2003	national	43.3	42.2	44.4	33.2	47.8	-	-	-	-	-	-	-
1999	MICS 1999	national	14.4	14.4	14.4	10.7	16.3	15.6	15.9	19.0	12.5	8.5	-	-
1997	DHS 1996-1997	national	40.0	-	-	-	-	-	-	-	-	-	-	-
1992	DHS 1992	national	43.0	-	-	-	-	-	-	-	-	-	-	-
1999	DHS 1999	national	25.8	26.4	25.1	22.6	27.3	-	-	-	-	-	-	-

Table A.14 Percentage of febrile children under 5 years of age who received treatment with CQ, by background characteristics

Year	Source	Scale	Total	Gender		Residence		Wealth quintile					
				Male	Female	Urban	Rural	Poorest	Second	Middle	Fourth	Least poor	
2001	MICS 2001	national	56.9	57.1	56.8	57.6	55.6	58.7	52.4	58.7	60.0	55.5	57.7
2001	DHS 2001	national	59.0	57.5	60.5	60.3	58.5	-	-	-	-	-	-
2003	DHS 2003	national	47.7	-	-	52.3	47.1	35.9	43.9	49.0	49.0	56.9	55.1
2000	MICS 2000	national	23.3	22.8	23.9	25.0	23.2	14.8	27.5	24.6	24.6	21.2	26.0
2000	MICS 2000	national	48.3	47.4	49.3	48.3	48.3	41.7	46.8	47.8	47.8	59.8	47.8
2000	MICS 2000	national	65.7	65.3	66.1	71.4	62.7	57.7	62.3	68.8	68.8	70.6	73.1
2000	MICS 2000	national	31.1	30.1	32.0	39.9	28.8	20.0	33.8	28.9	28.9	32.7	39.5
2000	MICS 2000	national	61.5	60.7	62.2	63.0	61.1	48.4	66.6	60.3	60.3	67.4	64.6
2000	MICS 2000	national	56.3	55.8	56.9	67.4	48.9	40.9	53.7	59.6	59.6	72.0	67.1
2001	MICS 2001	national	45.0	44.4	45.5	49.2	43.2	40.7	43.8	47.8	47.8	45.9	45.9
2000	MICS 2000	national	41.2	40.0	42.7	43.6	39.5	40.2	41.4	43.2	43.2	39.9	42.7
2002	DHS 2002	national	2.4	3.4	1.3	2.8	2.3	1.5	1.8	2.5	2.5	4.9	0.9

Year	Source	Scale	Gender		Residence		Wealth quintile							
			Total	Male	Female	Urban	Rural	Poorest	Second	Middle	Fourth	Least poor		
Ethiopia	2000	DHS 2000	1.6	-	-	-	-	-	-	-	-	-	-	-
Gabon	2000	DHS 2000	38.8	-	-	35.6	49.1	-	-	-	-	-	-	-
Gambia	2000	MICS 2000	54.5	58.9	50.4	57.0	53.1	54.9	54.4	54.7	58.1	47.4	47.4	47.4
Ghana	2003	DHS 2003	59.2	58.0	60.5	61.7	57.9	55.2	52.1	64.0	69.6	56.3	56.3	56.3
Guinea-Bissau	2000	MICS 2000	58.3	57.4	59.1	71.5	51.7	43.7	56.0	57.1	61.7	76.2	76.2	76.2
Kenya	2003	DHS 2003	3.4	3.7	3.0	2.6	3.5	6.5	4.7	1.7	0.9	2.1	2.1	2.1
	2000	MICS 2000	43.5	44.9	40.7	35.7	44.5	43.4	39.8	46.8	44.0	41.7	41.7	41.7
Madagascar	2000	MICS 2000	29.7	29.5	29.9	23.3	30.8	28.1	31.2	30.4	30.5	21.2	21.2	21.2
Malawi	2000	DHS 2000	1.3	-	-	0.5	1.4	-	-	-	-	-	-	-
Mali	2001	DHS 2001	38.2	-	-	52.1	34.4	-	-	-	-	-	-	-
Mauritania	2004	DHS 2003-2004	28.3	28.6	27.9	22.0	32.4	-	-	-	-	-	-	-
	2001	DHS 2000-2001	21.3	20.0	22.7	25.9	17.8	-	-	-	-	-	-	-
Mozambique	2003	HDS 2003	14.9	-	-	12.7	15.7	-	-	-	-	-	-	-
Namibia	2000	DHS 2000	14.4	14.7	14.0	6.3	19.2	-	-	-	-	-	-	-
Niger	2000	MICS 2000	48.1	48.7	47.4	59.0	47.1	41.6	43.3	49.2	47.7	64.9	64.9	64.9
Nigeria	2003	DHS 2003	32.9	31.6	34.1	37.6	31.1	-	-	-	-	-	-	-
Rwanda	2000	DHS 2000	4.6	-	-	-	-	-	-	-	-	-	-	-
		MICS 2000	7.1	8.2	6.1	11.9	6.5	5.0	5.9	7.3	6.7	26.9	26.9	26.9
Sao Tome & Principe	2000	MICS 2000	60.7	61.9	60.2	61.2	61.1	60.6	51.7	59.4	62.9	61.8	61.8	61.8
Senegal	2000	MICS 2000	35.9	34.4	37.5	49.0	23.3	25.4	30.0	32.6	54.8	54.2	54.2	54.2
Sierra Leone	2000	MICS 2000	59.6	60.6	58.6	58.3	60.0	52.5	58.5	62.7	63.6	62.1	62.1	62.1
Somalia	1999	MICS 1999	18.5	18.7	18.4	11.1	24.4	-	-	-	-	-	-	-
Sudan	2000	MICS 2000	49.4	50.6	48.1	59.4	41.6	45.0	47.5	48.4	45.9	54.9	54.9	54.9
Swaziland	2000	MICS 2000	22.6	25.4	18.9	28.0	21.8	30.1	12.0	25.8	28.1	18.8	18.8	18.8
Togo	2000	MICS 2000	59.2	59.9	58.5	61.4	58.6	56.6	57.5	60.3	59.9	68.5	68.5	68.5
UR Tanzania	1999	DHS 1999	52.9	-	-	-	-	-	-	-	-	-	-	-
Zambia	2002	DHS 2002-2003	49.7	-	-	46.0	50.9	-	-	-	-	-	-	-
	1999	MICS 1999	56.4	56.6	56.2	56.2	56.5	50.2	50.4	65.5	54.7	62.4	62.4	62.4

Table A.15 Percentage of febrile children under 5 years or age who received treatment with SP, by background characteristics

Africa	Year	Source	Scale	Total	Gender		Residence			Wealth quintile			
					Male	Female	Urban	Rural	Poorest	Second	Middle	Fourth	Least poor
Angola	2001	MICS 2001	national	1.4	1.6	1.2	1.0	2.4	1.0	0.7	1.6	2.5	0.8
Benin	2001	DHS 2001	national	0.9	0.7	1.0	0.4	1.0	-	-	-	-	-
Burkina Faso	2003	DHS 2003	national	0.2	-	-	0.9	0.2	-	-	-	0.6	1.0
Burundi	2000	MICS 2000	national	1.6	1.8	1.5	0.0	1.8	1.1	2.5	1.8	1.0	1.6
Cameroon	2000	MICS 2000	national	1.4	1.6	1.1	1.8	1.2	0.0	2.1	1.8	2.3	0.8
CAR	2000	MICS 2000	national	0.3	0.3	0.3	0.5	0.2	0.2	0.2	0.0	0.5	0.5
Chad	2000	MICS 2000	national	1.2	1.0	1.5	1.9	1.1	1.7	0.5	1.8	0.9	1.7
Comoros	2000	MICS 2000	national	4.0	4.1	3.8	3.8	4.0	4.3	3.7	3.9	3.7	4.3
Côte d'Ivoire	2000	MICS 2000	national	2.5	3.0	1.9	2.5	2.4	1.6	2.1	4.1	2.3	2.4
DR Congo	2001	MICS 2001	national	0.8	0.9	0.7	1.0	0.7	0.2	0.6	0.4	2.2	0.8
Eritrea	2002	DHS 2002	national	0.5	0.5	0.4	0.3	0.6	0.3	0.6	0.7	0.7	0.0
Ethiopia	2000	DHS 2000	national	0.7	-	-	-	-	-	-	-	-	-
Gambia	2000	MICS 2000	national	3.1	4.0	2.4	3.9	2.7	4.0	3.0	3.2	2.5	2.7
Ghana	2003	DHS 2003	national	0.3	0.5	0.0	0.8	0.0	0.0	0.0	0.0	0.6	1.0
Guinea-Bissau	2000	MICS 2000	national	2.5	2.7	2.2	3.4	2.0	0.7	0.9	3.8	3.4	3.7
Kenya	2003	DHS 2003	national	11.1	11.9	10.2	7.6	11.9	11.1	12.5	15.1	8.3	7.6
Madagascar	2000	MICS 2000	national	26.3	25.7	28.9	33.9	25.8	23.5	29.6	21.7	24.8	39.9
Madagascar	2000	MICS 2000	national	0.7	1.2	0.2	0.0	0.8	0.0	0.5	1.3	1.8	1.8
Malawi	2000	DHS 2000	national	23.2	-	-	27.6	22.8	-	-	-	-	-
Mauritania	2004	DHS 2003-2004	national	0.7	1.2	-	0.6	0.8	-	-	-	-	-
Mozambique	2003	HDS 2003	sub-national	10.7	-	-	9.2	11.3	-	-	-	-	-
Niger	2000	MICS 2000	national	0.1	0.2	0.0	0.2	0.1	0.0	0.0	0.0	0.3	0.1
Nigeria	2003	DHS 2003	national	0.4	0.5	0.6	0.4	0.4	-	-	-	-	-
Rwanda	2000	DHS 2000	national	1.2	-	-	-	-	-	-	-	-	-
Rwanda	2000	MICS 2000	national	2.3	2.7	1.9	0.2	2.5	1.7	1.8	2.0	3.6	0.6
Sao Tome & Principe	2000	MICS 2000	national	0.8	0.3	1.3	1.0	0.6	0.0	0.0	0.0	0.0	1.0
Senegal	2000	MICS 2000	national	0.5	0.6	0.3	0.0	0.3	0.0	0.2	0.5	0.5	2.1
Sierra Leone	2000	MICS 2000	national	4.3	4.3	4.3	6.7	3.6	2.7	1.6	4.9	7.7	5.6
Somalia	1999	MICS 1999	national	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Sudan	2000	MICS 2000	national	1.4	1.9	0.8	2.0	0.9	0.8	0.6	1.6	1.0	2.0

Year	Source	Scale	Gender		Residence			Wealth quintile				
			Total	Male	Female	Urban	Rural	Poorest	Second	Middle	Fourth	Least poor
2000	MICS 2000	national	5.7	7.7	4.5	0.0	9.9	25.2	4.3	4.3	0.0	0.0
2000	MICS 2000	national	3.4	2.8	4.0	4.5	3.1	2.6	2.0	3.1	3.5	10.9
1999	DHS 1999	national	0.0	-	-	-	-	-	-	-	-	-
2002	DHS 2002–2003	national	2.4	-	-	4.7	1.7	-	-	-	-	-
1999	MICS 1999	national	2.4	2.6	2.2	3.2	2.2	2.4	0.1	1.9	3.5	6.6

Table A.16 Percentage of febrile children under 5 years of age who received treatment with any antimalarial, by background characteristics

Year	Source	Scale	Gender		Residence			Wealth quintile				
			Total	Male	Female	Urban	Rural	Poorest	Second	Middle	Fourth	Least poor
Africa												
2001	MICS 2001	national	63.0	63.1	62.8	63.1	62.7	57.8	64.2	64.2	65.0	62.7
2001	DHS 2001	national	60.4	59.0	62.0	62.3	59.7	-	-	-	-	-
2003	DHS 2003	national	49.6	-	-	60.1	48.4	36.5	44.7	49.7	59.3	62.7
1993	DHS 1992–1993	national	31.5	33.3	29.6	39.1	30.5	-	-	-	-	-
2000	MICS 2000	national	31.3	30.2	32.6	41.7	30.6	23.9	34.2	29.8	28.8	37.4
2000	MICS 2000	national	66.1	67.0	65.1	70.8	64.4	59.1	66.7	61.0	76.7	70.8
2000	MICS 2000	national	68.8	69.0	68.6	75.8	65.2	59.3	64.6	71.6	74.7	79.0
2000	MICS 2000	national	31.9	30.9	32.8	41.2	29.5	21.1	34.3	29.5	33.5	40.5
2000	MICS 2000	national	62.7	62.2	63.1	65.2	62.1	51.2	67.5	60.7	67.9	66.3
2000	MICS 2000	national	57.5	57.0	58.0	68.6	49.8	41.9	54.3	60.8	73.2	69.5
2001	MICS 2001	national	45.4	44.9	45.9	49.6	43.7	40.9	44.3	47.8	46.9	46.7
2000	MICS 2000	national	48.6	47.2	50.2	55.2	42.9	44.2	45.2	53.8	49.1	53.2
2002	DHS 2002	national	3.6	4.2	2.9	4.0	3.5	2.4	3.3	4.2	5.8	1.5
2001	RBM 2001	14 districts	73.7	-	-	-	-	-	-	-	-	-
2000	DHS 2000	national	3.0	-	-	-	-	-	-	-	-	-
2000	MICS 2000	national	55.2	59.6	51.0	58.0	53.5	54.9	56.0	56.5	58.1	47.4
2003	DHS 2003	national	62.8	62.1	63.5	65.2	61.4	59.0	55.4	65.0	76.9	58.3
1998	DHS 1998–1999	national	60.7	60.7	60.7	60.1	60.9	-	-	-	-	-
2000	MICS 2000	national	58.4	57.5	59.4	71.9	51.7	43.7	56.0	57.3	61.8	76.8

Table A.16 Percentage of febrile children under 5 years of age who received treatment with any antimalarial, by background characteristics

	Year	Source	Scale	Total	Gender		Residence			Wealth quintile				
					Male	Female	Urban	Rural	Poorest	Second	Middle	Fourth	Least poor	
Kenya	2003	DHS 2003	national	26.5	27.5	25.5	21.5	27.7	27.5	31.6	28.7	24.9	18.2	
	2000	MICS 2000	national	64.5	65.6	63.4	63.6	64.7	64.0	62.7	63.7	62.4	75.8	
	1998	DHS 1998	national	40.4	39.9	40.8	35.2	41.5	-	-	-	-	-	
Madagascar	2000	MICS 2000	national	60.7	59.3	62.3	61.9	60.5	66.0	55.9	64.2	58.2	52.7	
Malawi	2004	MoH 2004	national	31.6	-	-	39.3	31.0	-	-	-	-	-	
	2000	DHS 2000	national	27.0	-	-	33.7	26.3	-	-	-	-	-	
Mauritania	2004	DHS 2003-2004	national	33.4	34.0	32.6	26.7	37.7	-	-	-	-	-	
Mozambique	2003	HDS 2003	sub-national	14.8	-	-	12.7	12.7	-	-	-	-	-	
Namibia	2000	DHS 2000	national	14.4	14.7	14.0	6.3	19.2	-	-	-	-	-	
Niger	2000	MICS 2000	national	48.1	48.7	47.4	59.0	47.1	41.6	43.3	49.2	47.7	64.9	
Nigeria	2003	DHS 2003	national	33.8	32.5	35.2	38.5	32.2	-	-	-	-	-	
Rwanda	2000	DHS 2000	national	9.2	-	-	11.5	9.0	-	-	-	-	-	
		MICS 2000	national	12.6	14.5	11.1	20.7	11.7	8.8	10.0	12.0	16.0	30.4	
Sao Tome & Principe	2000	MICS 2000	national	61.2	62.2	60.8	61.9	61.4	60.6	51.7	59.4	62.9	62.4	
Senegal	2000	MICS 2000	national	36.2	34.9	37.6	52.7	30.1	25.4	30.0	33.1	54.8	56.1	
Sierra Leone	2000	MICS 2000	national	60.7	61.4	59.9	60.8	60.7	53.3	58.5	63.9	65.2	64.4	
Somalia	1999	MICS 1999	national	18.5	18.7	18.4	11.1	24.4	-	-	-	-	-	
Sudan	2000	MICS 2000	national	50.2	51.7	48.5	60.6	42.1	32.1	41.3	54.6	61.3	75.3	
Swaziland	2000	MICS 2000	national	25.5	27.1	23.9	28.4	26.9	35.1	16.2	28.3	27.7	18.7	
Togo	2000	MICS 2000	national	60.0	60.2	59.8	62.2	59.4	56.8	58.1	61.3	61.2	70.0	
UR Tanzania	1999	DHS 1999	national	53.4	54.3	52.4	61.7	51.6	-	-	-	-	-	
Zambia	2002	DHS 2002-2003	national	51.9	52.8	51.0	49.3	52.7	-	-	-	-	-	
	1999	MICS 1999	national	58.0	58.2	57.8	57.9	58.0	52.6	50.4	66.7	56.9	65.5	

Table A.17 Pregnant women receiving SP at least once during pregnancy (community level, prevention or treatment), by background characteristics

Africa	Year	Source	Scale	Total	Residence		Wealth quintile				
					Urban	Rural	Poorest	Second	Middle	Fourth	Least poor
Benin	2001	DHS 2001	national	6.2	4.2	7.2	-	-	-	-	-
Ghana	2003	DHS 2003	national	1.0	0.9	1.1	1.3	0.7	1.0	0.9	1.4
Kenya	2003	DHS 2003	national	12.5	13.1	12.4	12.6	11.8	13.8	11.9	12.5
Malawi	2004	MoH 2004	national	77.7	88.9	75.4	-	-	-	-	-
	2000	DHS 2000	national	67.5	-	-	-	-	-	-	-
Mauritania	2004	DHS 2003-2004	national	0.5	0.9	0.2	-	-	-	-	-
Nigeria	2003	DHS 2003	national	2.4	-	-	-	-	-	-	-
Rwanda	2000	DHS 2000	national	0.1	-	-	-	-	-	-	-
Zambia	2002	DHS 2002-2003	national	0.5	0.8	0.4	-	-	-	-	-

Table A.18 Pregnant women receiving SP at least twice during pregnancy (community level, prevention or treatment), by background characteristics

Africa	Year	Source	Scale	Total	Residence	
					Urban	Rural
Malawi	2004	MoH 2004	national	46.8	57.2	44.7
	2000	DHS 2000	national	29.3	-	-

Table A.19 Pregnant women receiving SP at least once during an antenatal visit, by background characteristics

	Year	Source	Scale	Total	Residence	
					Urban	Rural
Mauritania	2004	DHS 2003–2004	national	0.3	0.7	-
Nigeria	2003	DHS 2003	national	1.0	2.0	0.6

Table A.20 Pregnant women receiving SP at least twice during an antenatal visit, by background characteristics

	Year	Source	Scale	Total	Residence		Wealth quintile				
					Urban	Rural	Poorest	Second	Middle	Fourth	Least poor
Ghana	2003	DHS 2003	national	0.8	0.6	0.9	0.7	0.7	1.0	0.6	1.1
Kenya	2003	DHS 2003	national	3.9	4.2	3.9	3.0	4.7	4.7	3.4	3.9
Uganda	2001	MoH 2002	17 districts	33.0	-	-	-	-	-	-	-

Table A.21 Reported malaria for the most recent year information received

1	2	3	Standardized reported malaria				Reported malaria cases and deaths description												
			Year	Pop (000s)	Cases	Rate (per 1000)	Confirmed status	Deaths	Probable/clinically diagnosed					Slides/RDTs	Laboratory confirmed				
									8	9	10	11	12		13	14	15	16	17
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
Africa																			
Central																			
Cameroon	1998	14 458	664 413	45.96	NR		664 413												
CAR	2003	3 865	95 644	24.75	NR		95 644												
Chad	2001	8 103	386 197	47.66	NR	1 001	386 197	19 463											
Congo	1998	3 244	17 122	5.28	NR		17 122												
DR Congo	2003	52 771	4 386 638	83.13	NR	16 498	4 386 638	16 498											
Equatorial Guinea	1995	401	12 530	31.25	NR		12 530												
Gabon	1998	1 202	80 247	66.78	NR		80 247												
Sao Tome & Principe	2003	161	63 199	393.53	NR		63 199												
East																			
Burundi	2002	6 602	1 808 588	273.96	NR	330	1 808 588	330											
Comoros	2001	726	3 718	5.12	NR	16	3 718	820											
Djibouti	2003	703	5 036	7.17	All						5 036								
Eritrea	2003	4 141	72 023	17.39	NR	78	72 023												
Ethiopia	2003	70 678	565 273	8.00	All					1 210 868	565 273	395 964	70	158 115					
Kenya	2002	31 540	124 197	3.94	NR	135	124 197	9 584	135	12 491									
Rwanda	2003	8 387	856 233	102.09	Some		856 233	94 990	1 045		411 069								
Somalia	2003	9 890	23 349	2.36	Some	10	15 778		44	12 578	7 571	7 571	100				10		
Sudan	2003	33 610	3 084 320	91.77	Some	2 479	1 998 367	105 813	2 479		1 085 853								
Uganda	2003	25 827	12 343 411	477.93	NR	8 450	12 343 411	8 450											
UR Tanzania	2003	36 977	10 712 526	289.71	Some	14 156	10 712 526	521 019	14 156	3 116 332	1 509 236								
North																			
Algeria	2002	31 266	52	<0.01	All	0					307	188	61	116		0	255	83	
Egypt	2003	71 931	0	<0.01	All	0				1 041 767	45	44	98	1			45	100	
Morocco	2003	30 566	4	<0.01	All					405 800	73	62	85				69	95	
Southern																			
Angola	2002	13 184	1 409 328	106.90	NR	11 344	1 409 328		11 344										
Botswana	2003	1 785	22 418	12.56	Some	10	22 418												
Madagascar	2003	17 404	2 114 400	121.49	NR	759	2 114 400	10 359	759										
Malawi	2002	11 871	2 853 317	240.36	NR	6 993	4 216 059	157 862	9 579										
Mauritius	2002	1 210	22	0.02	NR		22												
Mozambique	2003	18 863	5 087 865	269.72	NR	3 569	5 087 865	3 569											
Namibia	2003	1 987	444 081	223.44	NR	1 095	444 081	20 968	1 095										
South Africa	2003	45 026	13 446	0.30	NR	141	13 446		141										

Table A.21 Reported malaria for the most recent year information received

Year	Standardized reported malaria							Reported malaria cases and deaths description												
	Pop (000s)			Cases		Rate (per 1000)	Confirmed status	Probable/clinically diagnosed			Slides/RDTs		Laboratory confirmed						Investigations	
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
2003	1 077	3 664	36 664	34.03	NR	977	36 664	977												
2001	10 570	2 010 185	190.18	190.18	NR	5 763	2 010 185	162 709	5 763											
2002	12 835	1 252 668	97.60	97.60	NR	626	599 416	626												
West																				
2001	6 387	779 041	121.98	121.98	NR	670	779 041	32 008	670											
2002	12 624	1 451 125	114.95	114.95	NR	4 417	1 451 125	73 017	4 417											
2000	436	143	0.33	0.33	NR		143													
2001	16 098	400 402	24.87	24.87	NR	422	400 402	40 375	422											
1999	1 273	127 899	100.47	100.47	NR		127 899													
2003	20 922	3 552 869	169.81	169.81	Some	3 245	3 552 869	478 960	3 245	478 960										
2000	8 117	889 089	109.53	109.53	NR	441	889 089	14 933	441											
2002	1 449	194 976	134.57	134.57	NR	780	194 976	66 703	780											
1998	2 580	777 754	301.51	301.51	NR		777 754													
2003	13 007	809 428	62.23	62.23	NR	1 309	809 428	1 309												
2002	2 807	167 423	59.64	59.64	NR	100	167 423	7 312	100											
2002	11 544	681 707	59.05	59.05	NR	1 096	681 707	4 777	1 096											
2003	124 009	2 608 479	21.03	21.03	NR	5 343	2 608 479	5 343												
2000	9 393	1 120 094	119.25	119.25	NR	1 337	1 120 094	36 860	1 337											
1999	4 294	409 670	95.41	95.41	NR		409 670													
2001	4 686	431 826	92.15	92.15	NR	791	431 826	12 904	791											
Asia																				
Central Asia and Transcaucasia																				
2003	3 061	8	8	<0.01	All	0					29	4	14		0	21	72			
2003	8 370	480	480	0.06	All	0					482	0	0	0	0	2	0			
2003	5 126	308	308	0.06	All	0					316	2	1	0	0	8	3			
2003	5 138	465	465	0.09	All	0					468	1	0	0	0	3	1			
2003	6 245	5 428	5 428	0.87	All	0					5 428	250	5	0	0	0	0			
2003	4 867	1	1	<0.01	All	0					7	0	0	0	0	6	86			
2003	26 093	33	33	<0.01	All	0					74	0	0	0	0	41	55			
Eastern Mediterranean																				
2003	23 897	591 441	24.75	24.75	Some	224 662	591 441	322 536	224 662		366 779	44 243	12	322 536						
2003	68 920	17 060	0.25	0.25	All	0	0	0	0	1 358 262	23 562	4 475	19	18 818	131	6 502	28			
2003	25 175	303	303	0.01	All	0	0	0	0	581 938	307	0	0	307	0	4	1			
2003	2 851	6	6	<0.01	All					740	299	40				734	99			
2003	153 578	122 560	0.80	0.80	All	29	3 985 915	29	29	4 145 290	125 152	39 944	32	85 240	14	2 592	2			

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Saudi Arabia	2003	24 217	596	0.02	All	0				819 869	1 724	1 234	72	462	0	1 128	65	
Syrian Arab Republic	2003	17 800	2	<0.01	All						24	13	54	10		22	92	
Turkey	2003	71 325	9 182	0.13	All	0					9 222	12	0		0	40	0	
Yemen	2003	20 010	265 023	13.24	Some	29	214 212			414 919	50 811	48 741	96		29			
South-East Asia																		
Bangladesh	2003	146 736	56 879	0.39	All	574	434 723		1 250	434 723	56 879	42 012	74	14 867	10 332	574		
Bhutan	2003	2 257	3 806	1.69	All	15	237			61 246	3 806	1 681	44	2 126	1 621	15		
DPR Korea	2003	22 664	16 538	0.73	All	0	46 251	0	0	32 083	16 538	0	0	16 538	0	0		
India	2003	1 065 462	1 781 336	1.67	All	990				98 154 977	1 781 336	845 173	47	936 163		990		
Indonesia	2002	217 131	220 073	1.01	All	197	1 355 714			1 298 194	220 073	71 202	32	148 871		197		
Myanmar	2003	49 485	716 100	14.47	Some	2 476	539 929			661 392	176 171	139 315	79	35 995	12 962	2 476		
Nepal	2003	25 164	9 394	0.37	All	3	56 640			195 376	9 394	1 218	13	8 177		3		
Sri Lanka	2003	19 065	10 510	0.55	All	2				1 192 259	10 510	1 273	12	9 237		2		
Thailand	2003	62 833	35 076	0.56	All	325				3 259 607	37 355	19 024	51	18 295		325	2 279	6
Timor-Leste	2003	778	31 819	40.89	All	8	100 000		100	50 815	31 819	17 370	55	14 449	409	8		
Western Pacific																		
Cambodia	2003	14 144	71 258	5.04	All	492		4 936		160 326	71 258	63 739	89			492		
China	2002	1 294 867	25 520	0.02	All	42					25 520	5 937	23			42		
Lao PDR	2003	5 657	18 894	3.34	All	187				256 534	18 894	17 878	95	1 016		187		
Malaysia	2003	24 425	5 477	0.22	All	21					6 338	2 884	46	3 127	421	21	861	14
Papua New Guinea	2003	5 711	70 226	12.30	All	537	1 729 697	17 590	537		70 226	55 638	79					
Philippines	2003	79 999	43 644	0.55	All						43 644							
Republic of Korea	2003	47 700	1 107	0.02	All	0					1 171	25	2	1 146		0	64	5
Solomon Islands	2003	477	90 606	189.94	All	71			71	297 897	90 606	64 302	71	26 304				
Vanuatu	2003	212	15 240	71.90	All	0					15 240	8 406	55			0		
Viet Nam	2003	81 377	37 416	0.46	All	50	12 694	423	4	2 738 600	37 416	29 435	79			46		

The Americas

Central America & Caribbean

Belize	2002	251	928	3.70	All	0				15 480	928	0	0	928		0		
Costa Rica	2003	4 173	718	0.17	All	0				9 622	718	14	2	704		0		
Dominican Republic	2003	8 745	1 296	0.15	All	16				391 216	1 296	1 034	80	4		16		
El Salvador	2003	6 515	85	0.01	All					102 053	85	2	2	83				
Guatemala	2003	12 347	31 127	2.52	All	0				156 227	31 127	1 310	4	29 817	5	0		
Haiti	2003	8 326	9 837	1.18	All	16				51 067	9 837	9 837	100	0		16		
Honduras	2003	6 941	10 122	1.46	All	0				90 575	10 122	323	3	9 799		0		
Mexico	2003	103 457	3 819	0.04	All	0				1 577 647	3 819	17	0	4 272		0		
Nicaragua	2003	5 466	6 812	1.25	All	0				449 839	6 812	1 245	18	5 567		0		
Panama	2003	3 120	9 000	2.88	All	3				333 622	9 000	627	5	3 873		3		

Table A.21 Reported malaria for the most recent year information received

1	Standardized reported malaria				Reported malaria cases and deaths description											
	2	3	4	5	6	Probable/clinically diagnosed			11	Laboratory confirmed					Investigations	
						7	8	9		10	12	13	14	15	16	17
Year	Pop (000s)	Cases	Rate (per 1000)	Confirmed status	Deaths	Cases	Severe	Deaths	Slides/RDTs	Cases	Pf/mixed (%)	Pv	Severe	Deaths	Imported (%)	
South America																
2003	38 428	122	0.00	All	0				3 977	122	0	0	122	0	0	0
2003	8 808	20 343	2.31	All	2				158 299	20 343	793	4	17 319	2	2	
2003	178 470	379 551	2.13	All	30				1 474 656	379 551	81 343	21	297 962	10 719	30	
2003	44 222	164 722	3.72	All	24				520 980	164 722	69 238	42	95 484	24	24	
2003	13 003	52 065	4.00	All	0				433 244	52 065	10 724	21	41 341	0	0	
French Guiana	178	3 823	21.49	All	0				46 548	3 823	3 166	83	657	0	0	
2003	765	27 627	36.09	All					185 877	27 627	12 970	47	14 654			
Paraguay	5 878	1 392	0.24	All	0				126 582	1 392	3	0	1 389	0	0	
2003	27 167	79 473	2.93	All	25				1 426 410	79 473	17 687	22	61 680	25	25	
2003	436	14 657	33.65	All					70 670	14 657	13 043	89	1 614			
2003	25 699	31 719	1.23	All					346 586	31 719	5 562	18	26 111			

Notes:

Please refer to explanatory notes for regional tabulations.

NR = none reported

RDTs = rapid diagnostic tests

Pf/mixed = number of reported *P. falciparum* or mixed casesPv = number of reported *P. vivax* cases

Table A.22 Standardized reported malaria cases and rates per 1000 since 1990

Africa

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	
Central															
Cameroon	869 048 74.5	787 796 65.6	664 413 53.8	478 693 37.7	189 066 14.5	784 321 58.5	931 311 67.7	787 796 55.8	664 413 46.0						
CAR	174 436 59.3	125 038 41.4	89 930 29.0	82 072 25.8	82 057 25.1	100 962 30.1	95 259 27.7	99 718 28.4	105 664 29.5	127 964 35.0	89 614 24.1	140 742 37.3		95 644 24.7	
Chad	212 554 36.5	246 410 41.1	229 444 37.2	234 869 37.0	278 225 42.6	293 564 40.1	278 048 40.1	343 186 47.9	395 205 53.5	382 815 51.5	369 263 47.0	386 197 47.7			
Congo	32 428 13.0	32 391 12.6	21 121 7.9	15 504 5.6	35 967 12.7	28 008 9.5	14 000 4.6	9 491 3.0	17 122 5.3						
DR Congo							198 064 4.4		141 353 3.0	1 508 042 31.7	964 623 19.9	2 199 247 44.2	2 640 168 51.6	4 386 638 83.1	
Equatorial Guinea	25 552 72.3	22 598 62.5	25 100 67.7	17 867 46.9	14 827 37.9	12 530 31.3									
Gabon	57 450 60.3	80 247 81.6	100 629 99.2	70 928 67.8	82 245 76.3	54 849 49.4	74 310 65.2	57 450 49.0	80 247 66.8						
Sao Tome & Principe						51 938 396.3	47 074 350.1	47 757 346.2	46 026 325.1	37 026 254.9	43 488 291.9	55 630 364.1	66 619 425.2	63 199 393.5	
East															
Burundi	92 870 16.6	568 938 99.4	773 539 132.9	828 429 140.4	831 481 139.3	932 794 154.9	974 226 160.8	670 857 110.3	687 301 112.4	1 936 584 313.9	3 057 239 487.9	2 855 868 445.4	1 808 588 274.0		
Comoros						15 707 25.8	15 509 24.7	3 844 5.8	3 844 5.8	9 793 14.3	9 618 13.6	3 718 5.1			
Djibouti	3 237 6.1	7 338 13.5	7 468 13.6	4 166 7.5	6 140 11.0	5 982 10.5	6 105 10.5	4 314 7.1	5 920 9.5	6 140 9.5	4 667 7.0	4 312 6.3	5 021 7.2	5 036 7.2	
Eritrea						81 183 25.3	129 908 39.7		255 150 73.6	147 062 41.0	119 155 32.1	125 746 32.7	75 386 18.9	72 023 17.4	
Ethiopia						412 609 7.2	478 411 8.1	509 804 8.4	604 960 9.7	647 919 10.1	383 382 5.8	400 371 6.0	427 831 6.2	565 273 8.0	
Kenya						4 343 190 158.6	3 777 022 134.5	6 103 447 228.9	6 103 447 228.9	80 718 2.7	122 792 4.1	74 194 2.4	132 590 4.3	124 197 3.9	
Rwanda	1 282 012 189.2	1 331 494 204.7	1 373 247 226.7	733 203 131.7	371 550 71.2	1 391 931 271.0	1 145 759 213.0	1 331 494 226.0	1 279 581 195.1	906 552 125.7	915 916 118.6	10 364 1.1	96 922 10.2	23 349 2.4	856 233 102.1
Somalia						3 049 0.4				9 055 1.1	10 364 1.2	10 364 1.1	96 922 10.2	23 349 2.4	
Sudan	7 508 704 301.2	6 947 787 272.5	9 326 944 357.3	9 867 778 368.9	8 562 205 312.3	6 347 143 226.1	4 595 092 159.9	4 065 460 138.3	5 062 000 168.4	4 215 308 137.1	4 332 827 137.8	3 985 702 124.0	3 056 400 93.0	3 084 320 91.8	
Uganda						2 446 659 132.1	1 470 662 77.0	2 191 277 111.3	2 845 811 107.9	3 070 800 134.8	3 552 859 151.3	5 622 934 232.1	7 216 411 288.6	12 343 411 477.9	
UR Tanzania	10 715 736 411.1	8 715 736 322.9	7 681 524 274.7	8 777 340 303.2	7 976 590 266.6	2 438 040 79.0	4 969 273 156.6	1 131 655 34.8	30 504 654 915.1	423 967 12.4	7 489 890 206.5	10 712 526 289.7			
North															
Algeria	152 <0.1	229 <0.1	106 <0.1	84 <0.1	206 <0.1	107 <0.1	221 <0.1	197 <0.1	256 <0.1	701 <0.1	63 <0.1	53 <0.1	52 <0.1		
Egypt	75 <0.1	24 <0.1	16 <0.1	17 <0.1	495 <0.1	313 <0.1	23 <0.1	4 <0.1	0 <0.1	0 <0.1	0 <0.1	0 <0.1	0 <0.1	0 <0.1	
Morocco	837 <0.1	494 <0.1	405 <0.1	198 <0.1	158 <0.1	166 <0.1	53 <0.1	76 <0.1	68 <0.1	17 <0.1	3 <0.1	0 <0.1	20 <0.1	4 <0.1	

Table A.22 Standardized reported malaria cases and rates per 1000 since 1990

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Southern														
Angola	243 673	1 143 701	782 988	722 981	667 376	156 603	893 232	1 169 028	1 471 993	1 635 884	1 385 597	1 409 328	1 409 328	1 409 328
	26.1	119.0	79.0	70.6	63.2	14.4	78.0	99.6	122.2	132.1	108.5	108.5	106.9	106.9
Botswana	10 750	14 364	4 995	55 331	29 591	17 599	80 004	101 887	59 696	72 640	71 403	48 237	28 858	22 418
	7.9	10.3	3.5	37.6	19.6	11.4	50.4	62.6	35.9	42.8	41.4	27.6	16.3	12.6
Madagascar						196 358				1 141 474	1 383 239	1 429 491	1 543 130	2 114 400
						14.2				73.6	86.6	87.0	91.2	121.5
Malawi	3 870 904	7 590 313	4 686 201	4 736 974	6 164 666	6 183 290	2 761 269	2 985 659	4 193 145	3 774 982	2 955 627	2 853 317	2 853 317	2 853 317
	409.3	774.8	475.5	477.4	613.6	603.5	263.0	276.6	378.1	332.0	254.2	240.4	240.4	240.4
Mauritius	54	48	66	54	65	46	82	65	0	0	0	0	22	<0.1
	0.1	<0.1	0.1	<0.1	0.1	<0.1	0.1	0.1	0	0	0	0	0	<0.1
Mozambique						12 794				2 336 640	3 278 525	3 978 397	4 458 589	5 087 865
						0.8				11.3	133.4	183.6	218.6	269.7
Namibia						380 530	401 519	275 442	345 177	390 601	519 113	537 115	442 527	444 081
						245.2	251.3	167.3	203.4	223.2	232.1	274.2	278.3	225.6
South Africa	6 822	4 693	2 872	13 285	10 289	8 750	27 035	23 121	26 445	51 444	64 622	26 506	15 649	13 446
	0.2	0.1	0.1	0.3	0.3	0.2	0.6	0.5	0.6	1.2	1.5	0.6	0.3	0.3
Swaziland						13 749	38 875	23 754	4 410	30 420	45 581	19 799	14 863	36 664
						14.6	40.5	24.2	4.4	29.6	43.6	18.7	13.9	34.0
Zambia	1 933 696	2 340 994	2 953 692	3 514 000	3 514 000	2 742 118	3 215 866	3 399 630	2 992 203	1 139 489	2 010 185	190.2	190.2	190.2
	235.8	277.5	340.6	394.5	384.5	292.6	335.0	338.5	292.1	109.4	109.4	109.4	109.4	109.4
Zimbabwe	662 613	581 168	420 137	877 734	324 188	761 791	1 696 192	1 849 383	1 719 960	1 804 479	1 533 960	1 609 296	1 252 668	1 252 668
	63.3	54.0	38.1	77.9	28.2	64.9	142.0	152.2	139.3	144.2	121.3	126.2	97.6	97.6
West														
Benin	92 870	118 796	290 868	403 327	546 827	579 300	623 396	670 857	650 025	709 348	707 408	779 041	779 041	779 041
	20.0	24.7	58.5	78.5	103.0	105.9	110.9	116.2	109.9	116.9	113.7	122.0	122.0	122.0
Burkina Faso	496 513	448 917	420 186	502 275	472 355	501 020	582 668	672 762	721 480	867 866	1 032 886	1 203 640	1 451 125	1 451 125
	55.7	48.9	44.5	51.6	47.2	48.6	54.9	61.6	64.2	75.1	86.8	98.2	114.9	114.9
Cape Verde	69	80	38	44	21	127	77	20	41	29	143	143	143	143
	0.2	0.2	0.1	0.1	0.1	0.3	0.2	<0.1	0.1	0.1	0.3	0.3	0.3	0.3
Côte d'Ivoire	511 916	466 895	553 875	421 043	755 812	1 109 011	983 089	65.6	65.6	65.6	65.6	65.6	65.6	65.6
	40.9	36.2	41.7	30.8	52.6	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
Gambia	222 538	215 414	188 035	299 824	278.3	135 909	266 189	325 555	127 899	100.5	100.5	100.5	100.5	100.5
	237.7	221.9	187.0	278.3	278.3	121.9	230.8	272.9	100.5	100.5	100.5	100.5	100.5	100.5
Ghana	1 438 713	1 372 771	1 446 947	1 697 109	1 672 709	1 928 316	2 189 860	2 227 762	1 745 214	2 895 079	3 349 528	3 383 025	2 830 784	3 552 869
	94.2	87.4	89.5	102.1	98.0	110.1	122.1	121.4	93.0	151.0	171.0	168.9	138.3	169.8
Guinea	21 762	17 718	89.5	102.1	607 560	600 317	772 731	802 210	817 949	807 895	889 089	889 089	889 089	889 089
	3.6	2.8	2.8	85.6	85.6	82.0	102.8	104.3	104.3	101.2	109.5	109.5	109.5	109.5
Guinea-Bissau	81 835	64 123	56 073	158 748	142.0	197 386	6 457	10 632	2 113	197 454	246 316	202 379	194 976	194 976
	80.5	61.2	51.8	142.0	142.0	165.9	5.3	8.4	1.6	148.6	180.2	143.9	134.6	134.6
Liberia						534 559	239 998	826 151	777 754	301.5	301.5	301.5	301.5	301.5
						258.2	107.2	344.9	301.5	301.5	301.5	301.5	301.5	301.5
Mali	248 904	282 256	280 562	295 737	263 100	95 557	29 818	384 907	12 234	530 197	546 634	612 895	723 077	809 428
	27.5	30.4	29.4	30.2	26.1	9.2	2.8	35.2	1.1	45.8	45.9	50.0	57.3	62.2
Mauritania	26 903	42 112	45 687	43 892	156 080	214 478	181 204	189 571	168 131	253 513	259 093	243 942	167 423	167 423
	13.3	20.3	21.4	20.1	69.7	93.3	76.7	78.1	67.3	98.7	98.0	89.5	59.6	59.6
Niger	1 162 824	808 968	865 976	726 666	806 204	778 175	1 162 824	978 855	872 925	815 895	646 757	606 802	681 707	681 707
	152.0	102.3	106.0	86.0	92.3	86.1	124.4	101.2	87.2	78.7	60.2	54.5	59.1	59.1
Nigeria	1 116 992	909 656	1 219 348	981 943	1 175 004	1 133 926	1 149 435	1 148 542	2 122 663	1 965 486	2 476 608	2 253 519	2 605 381	2 608 479
	13.0	10.3	13.4	10.4	12.1	11.4	11.2	10.9	19.5	17.6	21.6	19.1	21.5	21.5
Senegal						628 773	75.4	861 276	948 823	1 145 112	1 120 094	1 120 094	1 120 094	1 120 094
						55.3	75.4	98.5	105.9	124.9	119.3	119.3	119.3	119.3

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Sierra Leone				9 636	16 851	5 865	7 192	209 312	249 744	409 670				
				2.4	4.1	1.4	1.8	50.5	59.4	95.4				
Togo	810 509	780 825	634 166	561 328	328 488	297 326	352 334	366 672	368 472	412 619	388 103	431 826		
	234.6	220.9	175.7	152.4	87.2	76.9	88.3	88.8	86.1	93.3	87.3	92.1		
Asia														
Central Asia and Transcaucasia														
Armenia	0	0	0	0	1	0	149	567	542	329	56	31	16	8
	0	0	0	0	<0.1	0	<0.1	0.2	0.2	0.1	<0.1	<0.1	<0.1	<0.1
Azerbaijan	24	113	27	23	667	2 840	13 135	9 911	5 175	2 311	1 526	1 054	505	480
	<0.1	<0.1	<0.1	<0.1	0.1	0.4	1.7	1.2	0.6	0.3	0.2	0.1	0.1	0.1
Georgia	0	0	0	0	0	0	3	3	14	35	244	437	473	308
	0	0	0	0	0	0	<0.1	0	<0.1	0	<0.1	<0.1	0.1	0.1
Kyrgyzstan	0	0	0	0	0	0	1	0	5	0	7	15	2 712	465
	0	0	0	0	0	0	<0.1	0	<0.1	0	<0.1	<0.1	0.5	0.1
Tajikistan	175	294	404	619	2 411	6 103	16 561	29 794	19 351	13 493	19 064	11 387	6 160	5 428
	<0.1	0.1	0.1	0.1	0.4	1.1	2.8	5.1	3.2	2.2	3.1	1.9	1.0	0.9
Turkmenistan	0	13	5	1	1	0	3	4	115	10	18	5	15	1
	0	<0.1	<0.1	<0.1	<0.1	0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Uzbekistan	3	1	0	0	0	0	0	0	0	7	46	9	11	33
	<0.1	<0.1	0	0	0	0	0	0	0	<0.1	<0.1	<0.1	<0.1	<0.1
Eastern Mediterranean														
Afghanistan	317 479	297 605		88 302		303 955	202 767	288 070	395 581	203 911	364 243	590 176	591 441	
	23.0	20.3		4.8		15.3	10.0	14.0	18.9	9.5	16.5	25.7	24.7	
Iran (Islamic Republic of)	77 470	96 340	76 971	64 581	51 089	67 532	56 362	38 684	32 951	23 110	19 716	8 895	9 122	17 060
	1.4	1.7	1.3	1.1	0.8	1.1	0.9	0.6	0.5	0.4	0.3	0.1	0.1	0.2
Iraq	3 924	1 764	5 752	49 863	98 243	98 705	49 840	13 959	9 684	4 143	1 860	1 265	952	303
	0.2	0.1	0.3	2.6	5.0	4.9	2.4	0.7	0.4	0.2	0.1	0.1	<0.1	<0.1
Oman	32 720	19 274	14 827	16 873	7 083	1 164	603	129	116	30	6	2	6	6
	17.7	10.0	7.4	8.1	3.3	0.5	0.3	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Pakistan	79 689	66 586	99 015	92 634	108 586	109 792	98 035	77 480	73 516	91 774	82 526	104 003	101 761	122 560
	0.7	0.6	0.8	0.8	0.9	0.9	0.8	0.6	0.5	0.7	0.6	0.7	0.7	0.8
Saudi Arabia	15 666	9 962	19 623	18 380	10 032	15 662	15 221	17 692	36 139	10 099	4 736	1 614	1 226	596
	0.9	0.6	1.1	1.0	0.5	0.8	0.8	0.9	1.7	0.5	0.2	0.1	0.1	<0.1
Syrian Arab Republic	107	54	456	966	583	582	280	83	14	5	6	63	15	2
	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Turkey	8 675	12 213	18 665	47 206	84 321	81 754	60 634	35 376	36 780	20 908	11 381	10 758	10 184	9 182
	0.2	0.2	0.3	0.8	1.4	1.3	0.9	0.5	0.6	0.3	0.2	0.2	0.1	0.1
Yemen	11 384	12 717	29 320	31 262	37 201	500 000	416 246	1 394 495	2 781 640	1 599.7	1 394 495	187 159	265 023	
	1.0	1.0	2.2	2.3	2.6	33.1	26.5	85.6	159.7	77.4	77.4	9.7	13.2	
South-East Asia														
Bangladesh	53 875	63 578	115 660	125 402	166 564	152 729	100 864	68 594	60 023	63 738	55 599	55 646	55 646	56 879
	0.5	0.6	1.0	1.1	1.4	1.2	0.8	0.5	0.5	0.5	0.4	0.4	0.4	0.4
Bhutan	9 497	22 126	28 900	28 116	39 852	23 188	15 696	9 029	7 693	12 237	5 982	5 982	6 511	3 806
	5.6	12.8	16.6	15.9	22.3	12.8	8.5	4.8	3.9	6.1	2.9	2.8	3.0	1.7
DPR Korea									1 085	7 980	73 742	115 615	98 852	16 538
									<0.1	0.4	3.3	5.2	4.4	0.7
India	2 018 783	2 117 460	2 125 826	2 207 431	2 511 453	2 988 231	3 035 588	2 660 057	2 222 748	2 284 713	2 031 790	2 085 484	1 842 079	1 781 336
	2.4	2.5	2.4	2.4	2.7	3.2	3.2	2.8	2.3	2.3	2.0	2.0	1.8	1.7

Table A.22 Standardized reported malaria cases and rates per 1000 since 1990

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Indonesia	171 908	132 412	103 277	136 367	145 920	123 226	179 878	161 285	160 282	245 612	267 592	220 073		
	0.9	0.7	0.5	0.7	0.8	0.6	0.9	0.8	0.8	1.2	1.2	1.0		
Myanmar	989 042	939 257	789 672	702 239	701 043	656 547	664 507	568 262	548 066	591 826	592 354	661 463	721 739	716 100
	24.4	22.8	18.8	16.5	16.2	14.9	14.8	12.5	11.9	12.6	12.5	13.7	14.8	14.5
Nepal	22 856	29 135	23 234	16 380	9 442	9 718	6 628	8 957	8 498	8 959	7 616	6 408	12 786	9 394
	1.2	1.5	1.2	0.8	0.5	0.5	0.3	0.4	0.4	0.4	0.3	0.3	0.5	0.4
Sri Lanka	287 384	400 263	399 349	327 020	273 434	142 294	184 319	218 550	211 691	264 549	210 039	66 522	41 411	10 510
	17.1	23.5	23.2	18.8	15.5	8.0	10.3	12.1	11.6	14.3	11.3	3.5	2.2	0.6
Thailand	273 880	198 383	168 370	115 220	102 119	82 743	87 622	97 540	131 055	125 379	81 692	63 528	45 240	35 076
	5.0	3.6	3.0	2.0	1.8	1.4	1.5	1.7	2.2	2.1	1.3	1.0	0.7	0.6
Timor-Leste							49 836	63 440	26 651	31 819				
							13.8	89.2	36.1	40.9				
Western Pacific														
Cambodia	123 796	102 930	93 595	98 956	74 190	76 923	74 883	85 661	58 874	64 679	62 439	53 601	46 902	71 288
	12.7	10.2	9.0	9.2	6.7	6.7	6.3	7.0	4.7	5.0	4.7	4.0	3.4	5.0
China	89 000	83 000	74 000	59 000	62 000	47 118	33 382	26 800	27 090	26 797	18 620	26 945	25 520	
	0.1	0.1	0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
Lao PDR	22 044	41 048	39 904	41 556	53 707	52 021	51 544	54 133	41 039	28 096	40 023	26 932	21 384	18 894
	5.3	9.7	9.2	9.3	11.7	11.1	10.7	11.0	8.1	5.4	7.6	5.0	3.9	3.3
Malaysia	50 500	39 189	36 853	39 890	58 958	59 208	52 060	26 651	13 491	11 106	12 705	12 780	11 019	5 477
	2.8	2.1	2.0	2.1	3.0	2.9	2.5	1.2	0.6	0.5	0.6	0.5	0.5	0.2
Papua New Guinea	104 900	86 500	86 500	66 797	65 000	99 000	71 013	38 705	20 900	18 564	81 192	89 819	79 822	70 226
	25.5	20.5	19.9	15.0	14.2	21.1	14.7	7.7	4.1	3.6	15.2	16.4	14.3	12.3
Philippines	86 200	86 400	95 778	64 944	61 959	56 852	40 545	42 005	50 709	37 061	36 596	34 787	37 005	43 644
	1.4	1.4	1.5	1.0	0.9	0.8	0.6	0.6	0.7	0.5	0.5	0.5	0.5	0.5
Republic of Korea	0	0	0	1	21	107	396	1 724	3 992	3 621	4 142	2 556	1 799	1 107
	0	0	0	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	0.1	0.1	0.1	<0.1	<0.1
Solomon Islands	116 500	141 400	153 359	126 123	131 687	118 521	84 795	68 125	72 808	63 169	67 884	76 417	74 865	90 606
	365.7	429.9	451.5	359.6	363.6	316.9	219.7	171.0	177.2	149.1	155.4	169.8	161.5	189.9
Vanuatu	28 805	19 466	12 842	11 483	5 765	11 954	5 740	6 103	6 181	5 180	6 422	7 647	14 339	15 240
	192.7	126.7	81.3	70.6	34.4	69.4	32.4	33.5	33.1	27.0	32.6	37.9	69.3	71.9
Viet Nam	123 796	187 994	225 928	156 069	140 120	100 116	76 356	65 859	72 091	64 679	62 442	53 601	46 902	37 416
	1.9	2.8	3.3	2.2	2.0	1.4	1.0	0.9	0.9	0.8	0.8	0.7	0.6	0.5
The Americas and Caribbean														
Belize	3 033	3 317	5 341	8 586	9 957	9 413	6 605	4 014	2 614	1 850	1 486	1 097	928	
	16.3	17.4	27.2	42.5	47.9	44.1	30.2	17.9	11.4	7.9	6.2	4.5	3.7	
Costa Rica	1 151	3 273	6 951	5 033	4 445	4 515	5 480	4 712	5 148	3 998	1 879	1 363	1 021	718
	0.4	1.0	2.2	1.5	1.3	1.3	1.5	1.3	1.4	1.0	0.5	0.3	0.2	0.2
Dominican Republic	356	377	698	987	1 670	1 808	1 414	816	2 006	3 589	1 215	1 038	1 296	1 296
	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.2	0.4	0.1	0.1	0.2	0.1
El Salvador	9 269	5 933	4 539	3 887	2 803	3 362	5 888	2 719	1 182	1 230	745	362	117	85
	1.8	1.1	0.9	0.7	0.5	0.6	1.0	0.5	0.2	0.2	0.1	0.1	<0.1	<0.1
Guatemala	41 711	57 829	57 560	41 868	22 057	24 178	20 268	32 099	47 689	45 098	53 311	35 824	35 540	31 127
	4.8	6.4	6.2	4.4	2.3	2.4	2.0	3.0	4.4	4.1	4.7	3.1	3.0	2.5
Haiti	4 806	25 511	13 457	853	23 140	18 877	18 877	1 196	34 449	1 968	16 897	9 837	9 837	9 837
	0.7	3.6	1.9	0.1	3.1	2.5	2.5	0.2	4.4	0.2	2.1	1.2	1.2	1.2

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Honduras	53 095 10.9	73 352 14.6	70 838 13.7	44 513 8.4	52 110 9.5	59 446 10.5	74 487 12.8	65 863 11.0	42 979 7.0	46 740 7.4	35 122 5.4	24 023 3.6	17 223 2.5	10 122 1.5
Mexico	44 513 0.5	26 565 0.3	16 170 0.2	15 793 0.2	12 864 0.1	7 329 0.1	6 293 0.1	4 805 0.1	25 023 0.3	13 450 0.1	7 362 0.1	4 895 0.1	4 624 0.1	3 819 0.1
Nicaragua	35 785 9.4	27 653 7.0	26 866 6.6	44 037 10.6	41 490 9.7	69 444 15.7	75 606 16.6	42 819 9.1	33 903 7.0	38 676 7.8	24 014 4.7	10 482 2.0	7 466 1.4	6 812 1.2
Panama	381 0.2	1 115 0.5	727 0.3	481 0.2	684 0.3	730 0.3	476 0.2	505 0.2	1 039 0.4	936 0.3	1 036 0.4	928 0.3	2 244 0.7	9 000 2.9
South America														
Argentina	1 660 0.1	803 0.1	643 0.1	758 0.1	948 0.1	1 065 0.1	2 048 0.1	592 0.1	339 0.1	222 0.1	440 0.1	215 0.1	215 0.1	122 0.1
Bolivia	19 680 3.0	19 031 2.8	24 486 3.5	27 475 3.8	34 749 4.8	46 911 6.3	64 012 8.4	51 478 6.6	73 913 9.3	50 037 6.1	31 468 3.8	15 765 1.9	14 276 1.7	20 343 2.3
Brazil	560 396 3.8	614 431 4.1	609 860 4.0	466 190 3.0	564 406 3.6	565 727 3.5	455 194 2.8	392 976 2.4	471 892 2.8	609 594 3.6	610 878 3.6	388 658 2.2	349 873 2.0	379 551 2.1
Colombia	99 489 2.8	184 156 5.2	184 023 5.1	129 377 3.5	127 218 3.4	187 082 4.9	135 923 3.5	180 898 4.5	185 455 4.6	66 845 1.6	107 616 2.6	206 195 4.8	195 719 4.5	164 722 3.7
Ecuador	71 670 7.0	59 400 5.7	41 089 3.8	46 859 4.3	30 006 2.7	18 128 1.6	11 882 1.0	16 365 1.4	43 696 3.6	87 620 7.2	98 598 7.9	108 903 8.6	86 757 6.8	52 065 4.0
French Guiana	5 909 50.8	3 573 29.5	4 072 32.4	3 974 30.6	4 241 31.6	4 711 34.0	4 724 32.9	3 195 21.5	3 462 22.5	5 307 33.3	3 708 22.6	3 823 22.6	3 661 21.1	3 823 21.5
Guyana	22 681 31.0	42 204 57.8	39 702 54.3	33 172 45.2	39 566 53.6	59 311 80.0		32 103 42.9	41 200 54.8	27 283 36.1	24 018 31.7	27 122 35.6	21 895 28.7	27 627 36.1
Paraguay	2 912 0.7	2 983 0.7	1 289 0.3	436 0.1	583 0.1	898 0.2	637 0.1	567 0.1	2 091 0.4	9 947 1.9	6 853 1.3	2 710 0.5	2 778 0.5	1 392 0.2
Peru	28 882 1.3	33 705 1.5	54 922 2.4	95 222 4.1	122 039 5.2	192 629 8.1	208 132 8.6	183 740 7.4	247 004 9.8	166 579 6.5	69 726 2.7	79 473 3.0	85 742 3.2	79 473 2.9
Suriname	1 608 4.0	1 490 3.7	1 404 3.5	4 704 11.5	4 704 11.5	6 606 16.1	16 649 40.4	11 323 27.3	12 412 29.7	13 939 33.1	13 132 30.9	17 074 39.8	13 091 30.3	14 657 33.7
Venezuela	46 910 2.4	43 454 2.2	21 416 1.0	12 539 0.6	13 727 0.6	16 371 0.7	18 858 0.8	22 400 1.0	21 862 0.9	19 086 0.8	29 736 1.2	29 491 1.2	29 491 1.2	31 719 1.2