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Annex 1 – Data completeness, 2011

WHO Region	Country/area	Country classification phase	Completeness score %	Population at risk %	Reported cases, admissions and deaths %	Reporting completeness %	Confirmed laboratory cases %	Cases diagnosed in community %	Active case detection %	National policies %	Interventions %	Malaria financing %	Government contribution %
African	Algeria	Elimination	82%	33%	100%	75%	97%	100%	100%	46%	71%	100%	100%
	Angola	Control	73%	100%	87%	100%	50%	–	0%	94%	100%	63%	67%
	Benin	Control	73%	33%	84%	100%	58%	–	100%	96%	79%	42%	–
	Botswana	Control	70%	100%	38%	100%	38%	–	33%	98%	67%	54%	100%
	Burkina Faso	Control	87%	100%	91%	100%	50%	–	50%	96%	100%	100%	100%
	Burundi	Control	66%	33%	100%	100%	50%	–	0%	96%	100%	79%	33%
	Cameroon	Control	67%	33%	100%	100%	17%	–	0%	96%	85%	96%	75%
	Cape Verde	Pre-elimination	62%	100%	58%	100%	75%	0%	50%	89%	79%	38%	33%
	Central African Republic	Control	70%	100%	71%	100%	8%	–	33%	89%	49%	100%	83%
	Chad	Control	58%	100%	80%	100%	33%	–	0%	75%	64%	38%	33%
	Comoros	Control	81%	100%	64%	100%	92%	–	100%	79%	85%	71%	42%
	Congo	Control	51%	100%	67%	100%	42%	–	67%	76%	8%	0%	0%
	Côte d'Ivoire	Control	43%	33%	78%	100%	21%	–	0%	76%	54%	21%	8%
	Democratic Republic of the Congo	Control	74%	60%	100%	60%	50%	–	0%	93%	100%	100%	100%
	Equatorial Guinea	Control	44%	33%	98%	20%	63%	–	0%	93%	77%	17%	0%
	Eritrea	Control	80%	100%	93%	60%	92%	–	100%	90%	100%	83%	0%
	Ethiopia	Control	76%	100%	87%	20%	75%	–	33%	96%	90%	100%	83%
	Gabon	Control	–	–	–	–	–	–	–	–	–	–	–
	Gambia	Control	76%	100%	84%	100%	33%	–	0%	100%	100%	100%	67%
	Ghana	Control	95%	100%	100%	60%	100%	–	100%	94%	100%	100%	100%
	Guinea	Control	77%	67%	87%	100%	38%	–	33%	96%	100%	92%	83%
	Guinea-Bissau	Control	72%	33%	76%	100%	42%	–	50%	93%	77%	100%	75%
	Kenya	Control	58%	67%	49%	100%	25%	–	0%	96%	85%	58%	42%
	Liberia	Control	56%	0%	67%	20%	88%	–	100%	88%	82%	50%	8%
	Madagascar	Control	88%	100%	80%	100%	50%	–	67%	94%	100%	100%	100%
	Malawi	Control	65%	100%	80%	100%	17%	–	0%	100%	100%	50%	42%
	Mali	Control	71%	100%	67%	100%	17%	–	0%	96%	100%	100%	58%
	Mauritania	Control	56%	67%	64%	20%	50%	–	0%	81%	74%	79%	67%
	Mozambique	Control	48%	33%	73%	100%	38%	–	0%	94%	97%	0%	0%
	Namibia	Control	91%	100%	80%	100%	83%	–	100%	96%	100%	63%	100%
	Niger	Control	77%	100%	78%	100%	67%	–	17%	86%	100%	88%	58%
	Nigeria	Control	71%	67%	82%	100%	33%	–	0%	90%	77%	100%	92%
	Rwanda	Control	61%	67%	82%	100%	38%	–	0%	95%	54%	63%	50%
	Sao Tome and Principe	Control	98%	100%	100%	100%	83%	–	100%	95%	100%	100%	100%
	Senegal	Control	56%	100%	47%	20%	38%	–	50%	96%	82%	46%	25%
	Sierra Leone	Control	79%	100%	80%	100%	63%	–	67%	98%	100%	63%	42%
	South Africa	Control	75%	100%	38%	100%	63%	–	100%	85%	36%	63%	92%
	Swaziland	Control	68%	33%	76%	20%	58%	–	100%	98%	77%	71%	75%
	Togo	Control	84%	100%	100%	100%	100%	–	67%	95%	100%	67%	25%
	Uganda	Control	67%	33%	89%	100%	58%	–	67%	86%	100%	46%	25%
	United Republic of Tanzania	Control	–	–	–	–	–	–	–	–	–	–	–
	Mainland	Control	76%	100%	67%	20%	54%	–	100%	93%	100%	92%	58%
	Zanzibar	Control	86%	33%	82%	100%	100%	–	100%	96%	100%	92%	67%
	Zambia	Control	84%	100%	93%	100%	0%	–	67%	100%	100%	100%	100%
	Zimbabwe	Control	83%	67%	76%	100%	50%	–	100%	91%	87%	100%	75%
Region of the Americas	Argentina	Pre-elimination	30%	100%	17%	20%	54%	0%	17%	61%	8%	8%	17%
	Belize	Control	95%	100%	100%	100%	100%	–	100%	78%	100%	100%	75%
	Bolivia (Plurinational State of)	Control	93%	100%	100%	100%	100%	–	100%	93%	69%	100%	75%
	Brazil	Control	86%	100%	100%	20%	96%	–	100%	96%	90%	100%	75%
	Colombia	Control	62%	60%	50%	20%	96%	–	0%	86%	85%	100%	58%
	Costa Rica	Pre-elimination	67%	100%	50%	0%	100%	0%	100%	79%	87%	100%	50%
	Dominican Republic	Control	85%	100%	61%	20%	92%	–	100%	94%	100%	100%	100%
	Ecuador	Pre-elimination	74%	100%	44%	100%	79%	0%	67%	84%	64%	100%	100%
	El Salvador	Pre-elimination	73%	100%	100%	100%	96%	0%	100%	82%	41%	67%	42%

WHO Region	Country/area	Country classification phase ¹	Completeness score %	Population at risk %	Reported cases, admissions and deaths %	Reporting completeness %	Confirmed laboratory cases %	Cases diagnosed in community %	Active case detection %	National policies %	Interventions %	Malaria financing %	Government contribution %
Region of the Americas	French Guiana, France	Control	40%	67%	67%	0%	88%	–	67%	70%	5%	0%	0%
	Guatemala	Control	67%	100%	44%	0%	88%	–	100%	85%	54%	100%	33%
	Guyana	Control	88%	100%	61%	100%	100%	–	100%	91%	64%	100%	75%
	Haiti	Control	48%	100%	22%	20%	92%	–	100%	95%	5%	0%	0%
	Honduras	Control	83%	100%	33%	100%	88%	–	100%	80%	95%	100%	50%
	Mexico	Pre-elimination	85%	100%	67%	100%	100%	0%	100%	81%	100%	100%	100%
	Nicaragua	Control	77%	100%	69%	60%	100%	–	100%	83%	72%	58%	50%
	Panama	Control	88%	100%	47%	100%	100%	–	100%	79%	97%	96%	75%
	Paraguay	Pre-elimination	74%	100%	78%	60%	100%	0%	100%	97%	90%	63%	50%
	Peru	Control	22%	100%	22%	0%	50%	–	0%	26%	0%	0%	0%
	Suriname	Control	59%	67%	59%	100%	100%	–	100%	79%	36%	0%	0%
	Venezuela (Bolivarian Republic of)	Control	59%	100%	25%	0%	75%	–	100%	90%	41%	71%	25%
Eastern Mediterranean	Afghanistan	Control	82%	100%	83%	100%	83%	–	67%	100%	90%	67%	50%
	Djibouti	Control	72%	67%	64%	100%	42%	–	67%	93%	64%	75%	75%
	Iran (Islamic Republic of)	Elimination	91%	100%	100%	100%	100%	100%	100%	90%	54%	100%	67%
	Iraq	Prevention of reintroduction	91%	100%	100%	100%	100%	100%	100%	88%	100%	92%	25%
	Pakistan ²	Control	–	–	–	–	–	–	–	–	–	–	–
	Saudi Arabia	Elimination	94%	100%	100%	100%	100%	100%	100%	66%	83%	100%	92%
	Somalia	Control	73%	100%	58%	100%	75%	–	67%	98%	100%	38%	25%
	South Sudan ³	Control	62%	100%	78%	100%	29%	–	33%	95%	38%	50%	33%
	Sudan ³	Control	75%	100%	100%	100%	25%	–	0%	100%	97%	100%	50%
	Yemen	Control	96%	100%	72%	100%	100%	–	100%	95%	92%	100%	100%
European	Azerbaijan	Elimination	96%	100%	100%	100%	100%	100%	100%	88%	100%	100%	75%
	Georgia	Prevention of reintroduction	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Kyrgyzstan	Elimination	97%	100%	100%	100%	100%	100%	100%	92%	100%	100%	75%
	Tajikistan	Elimination	97%	100%	100%	100%	100%	100%	100%	90%	100%	100%	75%
	Turkey	Elimination	94%	100%	100%	100%	100%	100%	100%	100%	88%	100%	50%
	Uzbekistan	Elimination	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	92%
	Uzbekistan	Elimination	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	92%
South-East Asia	Bangladesh	Control	78%	100%	67%	100%	88%	–	100%	89%	41%	58%	58%
	Bhutan	Pre-elimination	83%	100%	97%	100%	79%	0%	100%	90%	100%	100%	67%
	Democratic People's Republic of Korea	Pre-elimination	93%	100%	100%	100%	100%	100%	100%	96%	83%	100%	50%
	India	Control	57%	100%	17%	100%	75%	–	0%	85%	85%	67%	83%
	Indonesia	Control	78%	100%	28%	100%	92%	–	33%	80%	100%	100%	67%
	Myanmar	Control	75%	100%	100%	100%	100%	–	67%	64%	72%	46%	25%
	Nepal	Control	94%	100%	83%	100%	88%	–	100%	89%	87%	100%	100%
	Sri Lanka	Elimination	94%	100%	100%	100%	81%	100%	100%	93%	79%	100%	83%
	Thailand	Control	90%	100%	58%	100%	100%	–	100%	93%	77%	83%	100%
	Timor-Leste	Control	100%	100%	100%	100%	100%	–	100%	96%	100%	100%	100%
Western Pacific	Cambodia	Control	96%	100%	100%	100%	100%	–	100%	95%	92%	100%	75%
	China	Control	90%	100%	100%	20%	96%	–	100%	98%	100%	100%	100%
	Lao People's Democratic Republic	Control	94%	100%	100%	100%	100%	–	100%	98%	100%	100%	50%
	Malaysia	Pre-elimination	98%	100%	100%	100%	100%	100%	100%	93%	92%	100%	100%
	Papua New Guinea	Control	65%	100%	50%	100%	100%	–	0%	98%	26%	67%	42%
	Philippines	Control	88%	100%	50%	100%	100%	–	83%	93%	82%	100%	83%
	Republic of Korea	Elimination	66%	100%	100%	0%	67%	100%	0%	87%	33%	100%	75%
	Solomon Islands	Control	93%	100%	97%	60%	83%	–	100%	98%	100%	100%	100%
	Vanuatu	Control	84%	100%	86%	100%	100%	–	0%	93%	100%	100%	75%
	Viet Nam	Control	84%	100%	56%	100%	88%	–	100%	89%	77%	96%	50%

¹ Country classification as of December 2012

² Country did not submit a report for 2012

³ South Sudan became a separate State on 10 July 2011 and a Member State of WHO on 27 September 2011. South Sudan and Sudan have distinct epidemiological profiles comprising high transmission and low transmission areas respectively. For this reason data up to June 2011 from the high transmission areas of Sudan (10 southern states which correspond to South Sudan) and low transmission areas (15 northern states which correspond to contemporary Sudan) are reported separately

– Question does not appear on the form for that country

Annex 2A – Recommended policies and strategies for malaria control, 2011

WHO Region	Country/area	Insecticide-treated nets			Indoor residual spraying		Treatment									Malaria in pregnancy	
		ITNs/LLINs are distributed for free	ITNs/LLINs are distributed to all age groups	ITNs/LLINs distributed through mass campaigns to all age groups	DDT is used for IRS	IRS is the primary vector control intervention	ACT policy adopted	Patients of all ages should get diagnostic test	Malaria diagnosis is free in the public sector	RDts used at community level	ACT is free of charge for under 5 years old in the public sector	Pre-referral treatment with quinine or artesunate IM suppositories	Malaria treatment is permitted in the private sector	Malaria treatment is free of charge in the private sector	Gametocidal treatment of <i>Plasmodium</i> cases		IPtP used to prevent malaria during pregnancy
African	Algeria	N	N	–	Y	Y	NA	–	Y	–	–	–	Y	Y	N	–	–
	Angola	Y	Y	Y	N	–	Y	Y	Y	–	Y	Y	–	–	–	–	Y
	Benin	Y	N	N	N	–	Y	Y	Y	N	Y	Y	–	–	–	–	Y
	Botswana	Y	Y	Y	Y	–	Y	Y	Y	N	Y	Y	–	–	–	–	N
	Burkina Faso	Y	Y	Y	N	–	Y	Y	N	N	Y	N	–	–	–	–	Y
	Burundi	Y	Y	Y	N	–	Y	Y	N	Y	Y	Y	–	–	–	–	N
	Cameroon	Y	Y	Y	N	–	Y	Y	N	Y	Y	Y	–	–	–	–	Y
	Cape Verde	N	N	N	N	–	Y	Y	Y	Y	Y	N	–	–	–	–	N
	Central African Republic	Y	N	N	N	–	Y	Y	N	Y	Y	Y	–	–	–	–	Y
	Chad	Y	Y	Y	N	–	Y	Y	Y	N	Y	Y	–	–	–	–	Y
	Comoros	Y	Y	Y	N	–	Y	Y	Y	N	Y	Y	–	–	–	–	Y
	Congo	Y	N	Y	N	–	Y	Y	N	N	Y	N	–	–	–	–	Y
	Côte d'Ivoire	Y	N	Y	N	–	Y	Y	Y	Y	Y	N	–	–	–	–	Y
	Democratic Republic of the Congo	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	–	–	–	–	Y
	Equatorial Guinea	Y	N	Y	Y	–	Y	Y	Y	N	Y	Y	–	–	–	–	Y
	Eritrea	Y	Y	Y	N	–	Y	Y	Y	Y	Y	Y	–	–	–	–	N
	Ethiopia	Y	Y	Y	Y	–	Y	Y	Y	N	Y	Y	–	–	–	–	N
	Gabon	Y	Y	Y	N	–	Y	Y	N	Y	Y	Y	–	–	–	–	Y
	Gambia	Y	Y	Y	Y	–	Y	Y	N	N	Y	Y	–	–	–	–	Y
	Ghana	Y	Y	Y	Y	–	Y	Y	N	Y	Y	Y	–	–	–	–	Y
	Guinea	Y	Y	Y	N	–	Y	Y	Y	Y	Y	Y	–	–	–	–	Y
	Guinea-Bissau	Y	N	Y	N	–	Y	Y	Y	N	N	Y	–	–	–	–	Y
	Kenya	Y	Y	Y	Y	–	Y	Y	Y	N	N	Y	–	–	–	–	Y
	Liberia	Y	Y	Y	Y	–	Y	Y	Y	Y	Y	N	–	–	–	–	Y
	Madagascar	Y	Y	Y	N	–	Y	Y	Y	N	Y	N	–	–	–	–	Y
	Malawi	Y	Y	Y	N	–	Y	Y	N	N	Y	Y	–	–	–	–	Y
	Mali	Y	N	Y	N	–	Y	Y	Y	Y	Y	Y	–	–	–	–	Y
	Mauritania	Y	N	N	N	–	Y	Y	Y	Y	Y	Y	–	–	–	–	Y
	Mayotte	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Mozambique	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	–	–	–	–	Y
	Namibia	Y	N	N	N	Y	–	Y	Y	N	Y	Y	–	–	–	–	Y
	Niger	Y	Y	Y	N	–	Y	Y	Y	N	Y	N	–	–	–	–	Y
	Nigeria	Y	Y	Y	Y	–	Y	Y	N	N	Y	Y	–	–	–	–	N
	Rwanda	Y	N	N	Y	–	Y	Y	N	N	N	Y	–	–	–	–	N
	Sao Tome and Principe	Y	N	Y	Y	–	Y	Y	Y	N	N	Y	–	–	–	–	Y
	Senegal	Y	Y	Y	N	–	Y	Y	Y	Y	Y	Y	–	–	–	–	Y
	Sierra Leone	Y	N	Y	Y	–	Y	Y	Y	Y	Y	Y	–	–	–	–	Y
	South Africa	N	N	N	N	–	Y	Y	Y	Y	Y	N	–	–	–	–	N
	Swaziland	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	–	–	–	–	N
	Togo	Y	Y	Y	Y	N	–	Y	N	N	N	N	–	–	–	–	Y
	Uganda	Y	N	N	Y	–	Y	Y	Y	Y	Y	Y	–	–	–	–	Y
	United Republic of Tanzania																
	Mainland	N	N	Y	N	–	Y	Y	N	N	Y	Y	–	–	–	–	Y
	Zanzibar	Y	Y	Y	Y	–	Y	Y	Y	N	N	Y	–	–	–	–	Y
	Zambia	Y	Y	Y	Y	–	Y	Y	Y	Y	N	Y	–	–	–	–	Y
	Zimbabwe	N	N	N	Y	–	Y	Y	Y	Y	Y	Y	–	–	–	–	Y
Eastern Mediterranean	Afghanistan	Y	Y	Y	N	–	Y	Y	Y	N	Y	Y	–	–	–	–	NA
	Djibouti	Y	N	N	N	–	Y	Y	Y	N	N	–	–	–	–	–	NA
	Iran (Islamic Republic of)	Y	Y	–	N	Y	Y	–	Y	–	–	N	Y	Y	Y	NA	
	Pakistan	Y	Y	N	N	Y	Y	Y	Y	N	Y	–	–	–	–	–	NA
	Saudi Arabia	Y	Y	–	N	Y	Y	Y	–	–	–	N	N	N	Y	NA	
	Somalia	Y	N	Y	N	–	Y	Y	Y	–	Y	Y	–	–	–	Y	Y
	South Sudan	Y	Y	Y	N	–	Y	Y	Y	N	Y	Y	–	–	–	–	Y
	Sudan	Y	Y	Y	N	–	Y	Y	Y	N	Y	Y	–	–	–	–	N
Yemen	Y	Y	Y	N	–	Y	Y	Y	Y	Y	Y	–	–	–	–	NA	

WHO Region	Country/area	Insecticide-treated nets			Indoor residual spraying		Treatment								Malaria in pregnancy	
		ITNs/LLINs are distributed for free	ITNs/LLINs are distributed to all age groups	ITNs/LLINs distributed through mass campaigns to all age groups	DDT is used for IRS	IRS is the primary vector control intervention	ACT policy adopted	Patients of all ages should get diagnostic test	Malaria diagnosis is free of charge in the public sector	RDIs used at community level	ACT is free of charge for under 5 years old in the public sector	Pre-referral treatment with quinine or artesunate or suppositories	Malaria treatment is permitted in the private sector	Malaria treatment is free of charge in the private sector		Gametocidal treatment of <i>Plasmodium</i> cases
European	Azerbaijan	Y	N	-	N	Y	NA	-	Y	-	-	-	N	-	-	NA
	Kyrgyzstan	Y	Y	-	N	Y	-	-	Y	-	-	-	N	N	Y	NA
	Tajikistan	Y	Y	-	N	Y	Y	-	Y	-	-	-	N	-	Y	NA
	Turkey	N	N	-	N	Y	NA	-	Y	-	-	-	N	N	Y	NA
	Uzbekistan	Y	Y	-	N	Y	-	-	Y	-	-	-	N	N	Y	NA
Region of the Americas	Argentina	N	N	N	N	-	NA	Y	Y	N	-	-	-	-	-	NA
	Belize	Y	Y	Y	N	-	NA	Y	Y	N	N	N	-	-	-	NA
	Bolivia (Plurinational State of)	Y	Y	Y	N	-	Y	Y	Y	Y	Y	Y	-	-	-	NA
	Brazil	Y	Y	Y	N	-	Y	Y	Y	Y	Y	Y	-	-	-	NA
	Colombia	Y	Y	Y	N	-	Y	Y	Y	Y	Y	Y	-	-	-	NA
	Costa Rica	Y	Y	Y	N	-	NA	N	N	N	-	-	-	-	-	NA
	Dominican Republic	Y	Y	Y	N	-	N	Y	Y	N	N	N	-	-	-	NA
	Ecuador	Y	N	Y	N	-	Y	Y	Y	Y	Y	N	-	-	-	NA
	El Salvador	Y	Y	N	N	-	NA	Y	Y	N	N	N	-	-	-	NA
	French Guiana	N	Y	Y	N	N	NA	Y	-	N	N	N	N	N	-	NA
	Guatemala	Y	Y	Y	N	-	NA	Y	Y	Y	Y	Y	-	-	-	NA
	Guyana	Y	Y	Y	N	-	Y	Y	Y	N	Y	Y	-	-	-	NA
	Haiti	Y	Y	Y	N	-	NA	Y	Y	N	Y	N	-	-	-	NA
	Honduras	Y	Y	Y	N	-	NA	Y	Y	N	Y	N	-	-	-	NA
	Mexico	Y	Y	-	Y	-	NA	Y	Y	N	Y	N	-	-	-	NA
	Nicaragua	Y	Y	Y	N	-	NA	Y	Y	Y	Y	N	-	-	-	NA
	Panama	N	N	N	N	-	NA	Y	Y	N	N	N	-	-	-	NA
	Paraguay	N	N	N	N	-	N	Y	Y	N	Y	Y	-	-	-	NA
	Peru	Y	Y	Y	Y	-	Y	Y	-	Y	-	Y	-	-	-	NA
	Suriname	Y	Y	Y	N	-	Y	Y	Y	Y	Y	Y	-	-	-	NA
	Venezuela (Bolivarian Republic of)	Y	Y	Y	N	-	Y	Y	Y	N	Y	N	-	-	-	NA
South-East Asia	Bangladesh	Y	Y	Y	N	-	Y	Y	Y	Y	Y	Y	-	-	N	NA
	Bhutan	Y	Y	Y	N	-	Y	Y	Y	N	N	N	-	-	Y	NA
	Democratic People's Republic of Korea	Y	Y	-	N	Y	NA	-	Y	-	-	-	N	N	Y	NA
	India	Y	Y	N	Y	-	Y	Y	Y	Y	Y	Y	-	-	Y	NA
	Indonesia	Y	Y	Y	N	-	Y	Y	Y	Y	Y	Y	-	-	Y	NA
	Myanmar	Y	Y	Y	N	-	Y	Y	Y	Y	Y	Y	Y	N	Y	NA
	Nepal	Y	Y	Y	N	-	Y	Y	Y	Y	Y	Y	-	-	N	NA
	Sri Lanka	Y	Y	-	N	Y	Y	Y	-	-	-	-	Y	N	Y	NA
	Thailand	Y	Y	Y	N	-	Y	Y	Y	Y	Y	N	-	-	Y	NA
	Timor-Leste	Y	Y	Y	N	-	Y	Y	Y	Y	Y	Y	-	-	N	NA
	Timor	Y	Y	Y	N	-	Y	Y	Y	Y	Y	Y	-	-	N	NA
	Cambodia	Y	Y	Y	N	-	Y	Y	Y	Y	N	N	-	-	-	NA
Western Pacific	China	Y	Y	Y	N	-	Y	Y	N	Y	Y	Y	-	-	-	NA
	Lao People's Democratic Republic	Y	Y	Y	N	-	Y	Y	Y	Y	Y	Y	-	-	-	NA
	Malaysia	Y	Y	-	N	N	Y	Y	Y	-	-	-	Y	N	N	NA
	Papua New Guinea	Y	Y	Y	N	-	Y	Y	Y	N	Y	Y	-	-	-	Y
	Philippines	Y	Y	Y	N	-	Y	Y	Y	Y	Y	Y	-	-	-	NA
	Republic of Korea	Y	N	-	N	Y	NA	-	Y	-	-	-	Y	N	Y	NA
	Solomon Islands	Y	Y	Y	N	-	Y	Y	Y	Y	Y	Y	-	-	-	NA
	Vanuatu	Y	Y	Y	N	-	Y	Y	Y	Y	Y	Y	-	-	-	NA
	Viet Nam	Y	Y	Y	N	-	Y	Y	Y	Y	Y	Y	-	-	-	NA
	Philippines	Y	Y	Y	N	-	Y	Y	Y	Y	Y	Y	-	-	-	NA
	Republic of Korea	Y	N	-	N	Y	NA	-	Y	-	-	-	Y	N	Y	NA
	Solomon Islands	Y	Y	Y	N	-	Y	Y	Y	N	Y	Y	-	-	-	NA
	Vanuatu	Y	Y	Y	N	-	Y	Y	Y	Y	Y	Y	-	-	-	NA
	Viet Nam	Y	Y	Y	N	-	Y	Y	Y	Y	Y	Y	-	-	-	NA

(Y) = Actually implemented

(N) = Not implemented

(-) = Question not answered or not applicable

Annex 2B – Antimalarial drug policy, 2011

WHO Region	Country/area	<i>P. falciparum</i>				Prevention during pregnancy	<i>Pv</i> ivax
		Uncomplicated unconfirmed	Uncomplicated confirmed	Severe			Treatment
African	Algeria	-	-	-		-	CQ
	Angola	AL	AL	QN		SP(PT)	-
	Benin	AL	AL	QN		SP(PT)	-
	Botswana	AL	AL	QN		CQ+PG	-
	Burkina Faso	AL/AS+AQ	AL/AS+AQ	QN		SP(PT)	-
	Burundi	AS+AQ	AS+AQ	QN		-	-
	Cameroon	AS+AQ	AS+AQ	AM;QN		SP(PT)	-
	Cape Verde	AL	AL	QN		CQ	-
	Central African Republic	AL	AL	AM;QN		SP(PT)	-
	Chad	AL/AS+AQ	AL/AS+AQ	AM;QN		SP(PT)	-
	Comoros	AL	AL	QN		SP(PT)	-
	Congo	AS+AQ	AS+AQ	QN		SP(PT)	-
	Côte d'Ivoire	AS+AQ	AS+AQ	QN		SP(PT)	-
	Democratic Republic of the Congo	AS+AQ	AS+AQ	QN		SP(PT)	-
	Equatorial Guinea	AS+AQ	AS+AQ	QN		SP(PT)	-
	Eritrea	CQ+SP	AS+AQ	QN		-	-
	Ethiopia	AL	AL	QN		-	CO+PQ
	Gabon	AS+AQ	AS+AQ	QN		SP(PT)	CQ
	Gambia	AL	AL	QN		SP(PT)	-
	Ghana	AS+AQ	AL/AS+AQ	QN		SP(PT)	-
	Guinea	AS+AQ	AS+AQ	QN		SP(PT)	-
	Guinea-Bissau	AL	AL	QN		SP(PT)	-
	Kenya	AL	AL	QN		SP(PT)	-
	Liberia	AS+AQ	AS+AQ	QN		SP(PT)	-
	Madagascar	AS+AQ	AS+AQ	QN		SP(PT)	-
	Malawi	AL	AL	QN		SP(PT)	-
	Mali	AS+AQ	AL/AS+AQ	QN		SP(PT)	-
	Mauritania	AS+AQ	AL/AS+AQ	QN		-	-
	Mozambique	AL	AL	QN		SP(PT)	-
	Namibia	AL	AL	QN		SP(PT)	AL
	Niger	AL	AL	QN		SP(PT)	-
	Nigeria	AL/AS+AQ	AL/AS+AQ	AM;AS;QN		SP(PT)	-
	Rwanda	AL	AL	AM;QN		SP(PT)	-
	Sao Tome and Principe	AS+AQ	AS+AQ	QN		SP(PT)	-
	Senegal	AS+AQ	AL/AS+AQ	QN		SP(PT)	-
	Sierra Leone	AS+AQ	AL/AS+AQ	AM;QN		SP(PT)	-
	South Africa	-	AL;QN+CL;QN+D	QN		CQ+PG	AL+PQ;CQ+PQ
	Swaziland	-	AL	QN		CQ+PG	-
	Togo	AL/AS+AQ	AL/AS+AQ	QN		SP(PT)	-
	Uganda	AL	AL	QN		SP(PT)	-
	United Republic of Tanzania						
	Mainland	AL	AL	QN		SP(PT)	-
	Zanzibar	AS+AQ	AS+AQ	QN		SP(PT)	-
	Zambia	AL	AL	QN		SP(PT)	-
	Zimbabwe	AL	AL	QN		SP(PT)	-
Eastern Mediterranean	Afghanistan	CQ	AS+SP	AM;CL;QN		-	CQ+PQ(14d)
	Djibouti	AS+SP	AS+SP	QN		-	CQ+PQ(14d)
	Iran (Islamic Republic of)	-	AS+SP	AS;QN		-	CQ+PQ(14d)
	Pakistan	CQ	AS+SP	AM;AS;QN		-	CQ+PQ(14d)
	Saudi Arabia	-	AS+SP	AM;QN		-	CQ+PQ(14d)
	Somalia	AS+SP	AS+SP	QN		SP(PT)	CQ+PQ(14d)
	South Sudan	AS+AQ	AS+AQ	AM;AS;QN		SP(PT)	AS+AQ+PQ
	Sudan	AS+SP	AS+SP	AM;QN		SP(PT)	AL
	Yemen	AS+SP	AS+SP	AM;QN		-	CQ+PQ(14d)

WHO Region	Country/area	P. falciparum				Prevention during pregnancy	Pvax
		Uncomplicated unconfirmed	Uncomplicated confirmed	Severe			
European	Azerbaijan	AS+SP	AS+SP	ASQN	-	CQ+PQ(14d)	
	Kyrgyzstan	-	-	-	-	CQ+PQ(14d)	
	Tajikistan	-	AL	QN	-	CQ+PQ(14d)	
	Turkey	-	-	-	-	CQ+PQ(14d)	
	Uzbekistan	-	-	-	-	CQ+PQ(14d)	
Region of the Americas	Argentina	-	-	-	-	CQ+PQ	
	Belize	-	CQ+PQ	-	-	CQ+PQ	
	Bolivia (Plurinational State of)	-	AS+MQ	QN	-	CQ+PQ	
	Brazil	-	AL+AS+MQ	AM+ASQN	-	CQ+PQ	
	Colombia	-	AS+MQ	QN	-	CQ+PQ	
	Costa Rica	-	CQ+PQ	-	-	CQ+PQ	
	Dominican Republic	CQ+PQ	CQ+PQ(3d)	CQ+QN	-	CQ+PQ	
	Ecuador	-	AS+SP	QN	-	CQ+PQ	
	El Salvador	-	CQ+PQ	-	-	CQ+PQ	
	French Guiana, France	-	AL	-	-	CQ+PQ	
	Guatemala	-	CQ+PQ	CQ	-	CQ+PQ	
	Guyana	-	AL+PQ	-	-	CQ+PQ	
	Haiti	-	CQ+PQ	-	-	-	
	Honduras	-	CQ+PQ	QN	-	CQ+PQ	
	Mexico	-	CQ+PQ	-	-	CQ+PQ	
	Nicaragua	-	CQ+PQ	QN+CL	-	CQ+PQ	
	Panama	-	SP	MQ	-	CQ+PQ	
	Paraguay	-	AL	-	-	CQ+PQ	
	Peru	-	AS+MQ	-	-	CQ+PQ	
	Suriname	-	AL+PQ	AS	-	CQ+PQ	
	Venezuela (Bolivarian Republic of)	-	AS+MQ+PQ	AM+QN	-	CQ+PQ	
South-East Asia	Bangladesh	-	AL	AM+QN	-	CQ+PQ(14d)	
	Bhutan	-	AL	AM+QN	-	CQ+PQ(14d)	
	Democratic People's Republic of Korea	-	-	-	-	CQ+PQ(14d)	
	India	AS+SP+PQ	AS+SP+PQ	AM+ASQN	-	CQ+PQ(14d)	
	Indonesia	-	AS-AQ/DHA-PP+PQ	AM+ASQN	-	AS-AQ/DHA-PP+PQ(14d)	
	Myanmar	-	AL+AM+AS+MQ/DHA-PPQ;PQ	AM+ASQN	-	CQ+PQ(14d)	
	Nepal	AL+PQ	AL+PQ	QN	-	CQ+PQ(14d)	
	Sri Lanka	-	AL+PQ	QN	-	CQ+PQ(14d)	
	Thailand	-	AS+MQ	ASQN	-	CQ+PQ(14d)	
	Timor-Leste	-	AL	AM+ASQN	-	CQ+PQ(14d)	
Western Pacific	Cambodia	-	AS+MQ/DHA-PPQ+PQ	AM+QN	-	DHA-PPQ	
	China	-	ART+NQ/ART-PPQ;AS+AQ/DHA-PPQ	AM+AS;PYR	-	CQ+PQ(8d)	
	Lao People's Democratic Republic	-	AL	AS+AL	SP(PT)	CQ+PQ(14d)	
	Malaysia	-	AS+MQ	QN+T	-	CQ+PQ(14d)	
	Papua New Guinea	-	AL	AM+AS	SP(PT)	AL+PQ	
	Philippines	AL	AL+PQ	QN+T	SP(PT)	CQ+PQ(14d)	
	Republic of Korea	CQ	-	-	-	CQ+PQ(14d)	
	Solomon Islands	AL	AL	AL+AS	CQ	CQ+PQ(14d)	
	Vanuatu	-	AL	QN	CQ(weekly)	AL+PQ(14d)	
	Viet Nam	-	DHA-PPQ	ASQN	CQ(weekly)	CQ+PQ(14d)	
AL=Artemether-lumefantrine AM=Artemether AQ=Amodiaquine DT=Artemisinin	AS=Artesunate CL=Clindamycin CQ=Chloroquine D=Doxycycline	DHA=Dihydroartemisinin MQ=Mefloquine NQ=Naphroquine PG=Proguanil	PPQ=Piperazine PQ=Primaquine PYR=Pyronaridine QN=Quinine	SP=Sulphadoxine-pyrimethamine T=Tetracycline			

Annex 3 – Funding for malaria control, 2009–2011

WHO Region	Country/area	Year	Contributions reported by donors				Contributions reported by countries								
			Global Fund ¹	PMI ² /USAID	The World Bank ³	DFID ⁵	Government	Global Fund	The World Bank	PMI/USAID	Other bilaterals	WHO	UNICEF	Other contributions ⁵	European Union
African	Algeria	2009	–	–	–	–	17 126 365	0	–	–	0	12 000	–	–	–
		2010	–	–	–	–	32 321 720	0	–	–	0	10 000	–	–	–
		2011	–	–	–	–	31 477 010	0	–	–	0	17 000	–	–	–
	Angola	2009	9 614 770	22 900 000	261 722	–	–	17 950 321	–	18 925 000	–	–	–	–	–
		2010	11 200 000	34 300 000	240 569	–	15 676 687 ⁴	13 873 496	–	18 700 000	–	439 000	–	–	–
		2011	–	30 600 000	–	–	66 637 986 ⁴	–	30 175 000	–	–	–	–	–	–
	Benin	2009	214 400	18 100 000	1 829 615	–	2 042 222	327 593	6 527 000	13 800 000	–	–	–	–	–
		2010	21 700 000	20 600 000	597 208	–	–	–	–	13 800 000	–	–	105 893	–	–
		2011	5 469 898	18 400 000	–	–	200 000 ⁴	5 552 686	0	21 000 000	–	660 000	248 540	0	–
	Botswana	2009	–	–	–	–	876 647	–	–	–	–	–	–	–	–
		2010	–	–	–	–	709 607	–	–	–	–	–	–	–	–
		2011	–	–	–	–	2 250 933	–	–	–	1 171 250	–	–	–	–
	Burkina Faso	2009	14 800 000	6 000 000	4 170 093	–	554 094	67 991 119	5 073 238	0	33 879	108 966	75 895	–	–
		2010	43 800 000	5 997 000	1 880 016	–	4 508 617	1 458 620	0	4 210 524	64 530	18 16 055	0	16 940	–
		2011	10 500 000	4 491 000	–	–	6 482 938	2 546 429	0	2 072 216	34 903	99 027	140 253	0	–
	Burundi	2009	4 532 059	6 000 000	–	1 455 842	–	5 185 632	–	6 000 000	8 856 727	45 003	1 817 914	–	–
		2010	15 500 000	5 997 000	–	–	–	13 625 189	–	6 000 000	2 720 000	12 771	387 300	–	–
		2011	6 149 217	4 491 000	–	–	147 422 ⁴	8 661 526	–	5 988 000	–	266 540	708 425	94 000	–
	Cameroon	2009	9 610 844	–	–	–	8 545 999 ⁴	8 529 662	0	0	0	300 000	–	0	–
		2010	1 635 796	–	–	–	975 590 ⁴	1 573 566	–	–	1 573 566	–	264 625	–	–
		2011	66 200 000	–	–	–	5 150 943 ⁴	55 336 850	0	0	–	313 300	–	0	–
	Cape Verde	2009	–	–	–	–	451 098 ⁴	0	0	0	0	–	178 043	–	–
		2010	–	–	–	–	707 795 ⁴	–	–	–	–	–	–	–	–
		2011	–	–	–	–	604 871 ⁴	–	–	–	–	–	–	–	–
	Central African Republic	2009	–	–	–	–	42 000	0	600 000	0	0	100 000	10 000	0	–
		2010	962 051	–	–	–	34 000	962 050	600 000	0	4 500 000	100 000	550 000	0	–
		2011	723 324	–	–	–	34 000 ⁴	481 345	0	0	–	100 000	–	0	–
	Chad	2009	4 644 509	–	–	–	–	5 262 314	–	–	–	77 083	–	3 958	–
		2010	22 700 000	–	–	–	1 876 683	5 215 000	–	–	–	–	–	13 145	–
	2011	4 208 387	–	–	–	1 180 322 ⁴	–	–	–	–	–	–	–	–	
Comoros	2009	232 885	–	–	–	24 158 ⁴	290 612	–	–	–	104 000	11 656	–	–	
	2010	4 256 900	–	–	–	–	4 610 020	0	0	–	104 000	–	–	–	
	2011	1 053 404	–	–	–	114 215 ⁴	773 425	0	0	–	137 000	–	0	–	
Congo	2010	11 900 000	–	–	–	–	–	–	–	–	–	–	–	–	
	2011	1 262 613	–	–	–	–	–	–	–	–	–	–	–	–	
Côte d'Ivoire	2009	16 200 000	–	–	–	–	–	–	–	–	–	–	–	–	
	2010	58 300 000	–	–	–	–	–	–	–	–	–	–	–	–	
	2011	14 300 000	–	–	–	34 964 064 ⁴	27 941 028	–	–	307 748	2 605 303	69 012	–	–	
Democratic Republic of the Congo	2009	70 900 000	16 200 000	10 900 000	–	2 000 000	4 071 980	11 101 283	15 580 000	–	86 895	5 365 009	–	–	
	2010	44 300 000	22 200 000	11 800 000	–	296 443	23 044 824	10 262 916	15 580 000	596 182	–	2 271 712	–	–	
	2011	2 106 190	34 700 000	–	–	296 443	33 775 293	58 805 836	18 000 000	36 765 988	–	2 389 964	–	–	
Equatorial Guinea	2009	3 445 774	–	–	–	–	4 756 207	–	–	–	–	–	6 787 000	–	
	2010	5 371 664	–	–	–	–	–	–	–	–	–	–	–	–	
	2011	2 599 520	–	–	–	–	3 425 062	–	–	8 047 523	–	–	–	–	
Eritrea	2009	206 600	–	349 947	–	–	3 312 520	0	0	0	–	105 000	0	–	
	2010	21 400 000	–	165 641	–	–	19 155 845	0	0	0	0	0	0	–	
	2011	4 908 106	–	–	–	–	10 722 859	0	0	0	0	0	0	–	
Ethiopia	2009	121 000 000	22 500 000	–	–	3 456 244	81 586 570	10 090 000	19 700 000	0	280 000	5 000 000	7 624 294	–	
	2010	28 300 000	33 500 000	–	–	6 144 036	107 128 416	9 900 000	31 000 000	0	210 960	1 297 858	0	–	
	2011	51 900 000	41 400 000	–	–	–	32 231 572	–	–	–	171 357	27 243	–	–	
Gabon	2009	3 891 808	–	–	–	–	–	–	–	–	–	–	–	–	
	2010	871 083	–	–	–	1 400 769	–	–	–	45 000	–	–	–	–	
Gambia	2009	5 921 546	–	–	–	1 025 550 ⁴	5 921 546	0	0	100 000	380 500	65 000	0	–	
	2010	8 960 101	–	–	–	529 610	8 960 101	0	0	250 000	–	2 143	0	–	
	2011	7 119 980	–	–	–	613 412	8 835 940	0	0	89 000	40 000	4 800	0	–	
Ghana	2009	27 000 000	21 500 000	708 817	–	6 214 286	18 363 180	1 283 389	17 300 000	0	290 000	939 300	300 000	–	
	2010	30 600 000	33 000 000	655 112	15 600 000	6 533 333	30 649 705	0	34 000 000	0	150 000	101 053	98 733	–	
	2011	–	30 400 000	–	–	6 663 582	53 169 328	400 000	34 000 000	250 000	300 000	2 000 000	16 100 000	–	

WHO Region	Country/area	Year	Contributions reported by donors				Contributions reported by countries								
			Global Fund ¹	PMI ² /USAID	The World Bank ³	DFID ⁵	Government	Global Fund	The World Bank	PMI/USAID	Other bilaterals	WHO	UNICEF	Other contributions ⁵	European Union
African	Guinea	2009	–	–	–	–	154 564	3 914 541	1 181 250	–	–	109 000	819 553	2 375 040	–
		2010	12 400 000	2 495 000	–	–	3 948	0	0	–	0	51 500	–	0	–
		2011	–	9 985 000	–	–	–	–	–	–	–	49 500	–	–	–
	Guinea-Bissau	2009	1 644 833	–	–	–	8 000	1 279 343	0	0	0	100 000	486 579	0	–
		2010	6 965 345	–	–	–	203 464 ⁴	6 809 770	0	0	0	100 000	425 541	0	–
		2011	2 922 931	–	–	–	155 929 ⁴	1 070 641	0	0	99 750	68 000	7 238	0	–
	Kenya	2009	26 400 000	24 800 000	–	19 900 000	822 742 ⁴	25 921 567	–	37 652 822	17 975 039	87 584	30 000	500 000	–
		2010	39 100 000	39 100 000	–	11 300 000	2 741 417 ⁴	–	3 400 000	30 829 000	–	–	–	11 131 200	–
		2011	12 200 000	36 400 000	–	–	–	–	–	–	–	–	–	–	–
	Liberia	2009	345 575	13 400 000	–	–	–	990 100	–	61 375	50 000	5 786 287	226 743	–	–
		2010	8 229 609	16 800 000	–	–	–	8 118 208	–	12 000 000	–	–	–	–	–
		2011	5 198 534	13 000 000	–	–	–	16 400 946	–	12 000 000	–	19 675	304 750	–	–
	Madagascar	2009	12 100 000	21 400 000	–	–	19 000	25 329 554	0	12 753 000	0	100 532	1 103 644	0	–
		2010	54 500 000	33 100 000	–	–	110 504	22 463 047	0	25 200 000	578 000	418 861	523 000	0	–
		2011	18 400 000	28 300 000	–	–	90 900	41 763 464	0	28 742 000	0	153 000	546 283	0	–
	Malawi	2009	3 721 540	20 800 000	–	–	4 482 759 ⁴	–	–	18 000 000	–	50 000	50 000	–	–
		2010	5 492 126	27 900 000	–	–	8 453 947	5 492 126	–	27 000 000	–	70 000	50 000	–	–
		2011	45 000 000	25 700 000	–	–	–	–	–	–	–	–	–	–	–
	Mali	2009	–	21 300 000	–	–	–	5 214 224	–	8 932 000	965 774	292 000	–	3 116 725	–
		2010	4 330 851	31 600 000	–	–	–	7 120 975	847 617	11 184 211	291 162	50 535	1 575 926	894 577	–
		2011	–	27 000 000	–	–	2 737 186 ⁴	2 858 296	0	4 737 692	–	92 000	0	319 404	–
	Mauritania	2009	541 854	–	–	–	–	–	–	–	–	–	–	–	–
		2010	500 223	–	–	–	–	33 941	350 000	0	0	1 000	25 000	1 000 000	–
		2011	–	–	–	–	11 000 000	0	0	0	–	–	–	0	–
	Mozambique	2009	520 865	38 800 000	–	2 573 946	–	–	–	–	–	–	–	–	–
		2010	23 000 000	39 100 000	46 600	1 378 107	–	–	–	–	–	–	–	–	–
		2011	7 683 006	29 400 000	–	–	–	–	–	–	–	–	–	–	–
Namibia	2009	3 797 710	–	–	–	2 411 088	2 267 472	–	–	–	–	–	–	–	
	2010	1 165 287	–	–	–	2 731 460	1 362 347	–	–	–	–	–	–	–	
	2011	1 298 393	–	–	–	4 466 719	589 694	–	–	–	–	–	–	–	
Niger	2009	17 500 000	–	843 430	–	900 000 ⁴	28 057 121	1 521 676	0	194 428	15 000	840 196	–	–	
	2010	2 964 287	–	1 047 934	–	700 000 ⁴	1 912 819	1 519 122	0	556 900	4 500	2 082 527	4 672	–	
	2011	3 300 846	–	–	–	400 000 ⁴	–	–	–	–	4 500	–	–	–	
Nigeria	2009	224 000 000	17 400 000	67 900 000	9 768 276	200 000	42 019 322	17 500 000	16 000 000	18 210 725	306 321	37 247 310	10 229 555	–	
	2010	1 056 110	25 400 000	30 900 000	18 200 000	6 493 506	61 357 535	–	18 000 000	–	–	20 750 000	17 678 415	–	
	2011	29 900 000	43 500 000	–	–	2 493 181	73 332 766	–	43 000	–	–	–	–	–	
Rwanda	2009	42 500 000	16 700 000	–	–	–	40 117 815	–	–	–	0	–	–	–	
	2010	20 500 000	18 200 000	–	–	318 991	8 710 956	–	–	117 807	45 000	–	–	–	
	2011	17 000 000	18 700 000	–	–	793 995	17 011 613	–	18 250 000	–	53 761	120 000	–	–	
Sao Tome and Principe	2009	75 857	–	17 716	–	303 802	1 699 172	126 000	0	1 717	59 965	5 000	1 000 000	–	
	2010	1 060 100	–	4 030	–	74 583	782 254	350 000	0	30 315	38 163	3 000	1 172 611	–	
	2011	1 571 589	–	–	–	52 941	1 521 822	0	0	0	54 428	3 000	0	–	
Senegal	2009	14 300 000	18 700 000	–	–	449 813	11 436 555	–	14 512 634	6 793 567	288 302	–	–	–	
	2010	2 507 790	26 400 000	–	–	155 764	2 531 265	–	17 329 326	–	97 987	–	–	–	
	2011	1 118 536	24 500 000	–	–	–	9 620 506	–	–	–	–	–	–	–	
Sierra Leone	2009	2 794 509	–	–	–	198 586 ⁴	4 884 763	–	–	–	26 413	19 673	–	–	
	2010	799 743	–	–	7 528 957	1 198 629 ⁴	5 241 344	–	–	–	137 255	165 625	–	–	
	2011	13 800 000	–	–	–	404 235 ⁴	10 669 010	–	–	10 478	43 261	286 406	–	–	
South Africa	2009	–	–	–	–	27 142 857 ⁴	–	–	–	–	100 000	–	50 000	–	
	2010	–	–	–	–	25 064 907	–	–	–	–	–	–	–	–	
	2011	–	–	–	–	13 162 365	–	–	–	8 571 428	0	–	–	–	
Swaziland	2009	2 607 294	–	–	–	–	–	0	0	0	0	0	0	–	
	2010	1 377 144	–	–	–	964 009	2 197 637	–	0	0	0	0	0	–	
	2011	–	–	–	–	1 002 947	1 924 448	0	0	0	0	0	0	–	
Togo	2009	4 525 903	–	–	–	–	592 434	14 197 371	0	954 226	3 261	92 523	92 378	–	
	2010	8 447 243	–	–	–	77 778 ⁴	3 565 262	–	–	2 688	1 489	–	–	–	
	2011	21 000 000	–	–	–	–	–	–	–	14 090	23 832	8 674	–	–	

Annex 3 – Funding, 2000–2011 (continued)

WHO Region	Country/area	Year	Contributions reported by donors				Contributions reported by countries									
			Global Fund ¹	PMI ² /USAID	The World Bank ³	DFID ³	Government	Global Fund	The World Bank	PMI/USAID	Other bilaterals	WHO	UNICEF	Other contributions ⁵	European Union	
African	Uganda	2009	41 000 000	34 000 000	–	407 279	–	–	–	21 600 000	–	–	–	–	–	
	2010	31 100 000	39 400 000	–	–	–	–	–	–	35 000 000	–	–	–	–	–	
	2011	9 465 369	34 600 000	–	–	–	–	–	–	34 366 813	40 000	317 816	2 545 396	–	–	
	United Republic of Tanzania ⁶	2009	–	59 900 000	–	1 249 609	616 085 000	46 300 000	25 000 000	34 000 000	1 000 000	50 000 000	–	–	–	
	2010	–	57 600 000	–	2 333 036	–	–	–	–	–	–	–	–	–	–	
	2011	–	47 400 000	–	–	–	–	–	–	–	–	–	–	–	–	
	Mainland	2009	58 600 000	–	–	–	340 000 000 ⁴	46 300 000	25 000 000	34 000 000	1 000 000	50 000 000	–	–	–	
	2010	50 400 000	–	–	–	21 830 362	105 217 601	105 217 601	–	52 000 000	43 401 000	300 000	139 313	–	–	
	2011	42 500 000	–	–	–	260 823	17 701 499	17 701 499	0	75 000	–	70 000	0	–	–	
	Zanzibar	2009	1 397 265	–	–	–	29 333	2 401 665	0	2 937 375	0	30 000	198 000	21 564	–	
	2010	1 530 146	–	–	–	29 267	1 311 590	1 311 590	0	3 133 000	0	67 743	221 000	19 372	–	
	2011	1 363 902	–	–	–	–	–	–	–	–	–	–	–	–	–	
	Zambia	2009	8 510 296	17 400 000	255 409	–	848 745	986 834	5 000 000	14 700 000	–	398 000	212 570	–	–	
	2010	2 445 409	25 200 000	338 407	8 602 317	414 580	12 335 725	0	25 600 000	–	380 000	100 000	7 200 000	–	–	
	2011	8 005 486	24 400 000	–	–	279 788	5 282 152	29 401 235	24 000 000	–	130 000	75 000	7 215 019	–	–	
	Zimbabwe	2009	35 400 000	750 000	–	383 755	1 650 000	2 800 000	–	0	500 000	–	–	–	–	
	2010	18 500 000	2 994 250	–	–	1 000 000	24 000 000	0	1 000 000	0	79 000	25 000	0	–	–	
	2011	25 800 000	12 500 000	–	–	1 200 000	10 063 628	–	12 000 000	0	0	18 250	–	–	–	
	Region of the Americas	Argentina	2010	–	–	–	–	1 082 700 ⁴	–	–	–	–	–	–	–	–
		2011	–	–	–	–	1 082 700 ⁴	–	–	–	–	–	–	–	–	–
		Belize	2009	–	–	–	–	148 621 ⁴	0	0	0	0	–	0	0	–
2010		–	–	–	–	169 184 ⁴	0	0	32 000	0	–	0	0	0	–	
2011		–	–	–	–	215 224 ⁴	0	0	–	0	–	0	0	0	–	
Bolivia (Plurinational State of)		2009	2 116 856	–	–	–	1 699 130	550 000	0	200 000	0	0	25 000	0	–	
2010		1 773 184	–	–	–	1 700 145	2 482 576	0	200 000	0	0	50 000	0	–	–	
2011		1 525 890	–	–	–	1 110 097	1 400 635	0	177 000	0	0	0	0	0	–	
Brazil		2009	4 858 206	–	–	–	106 000 000 ⁴	4 884 938	0	65 000	0	0	0	0	–	–
2010		5 509 723	–	–	–	106 000 000 ⁴	10 361 470	0	227 000	0	0	0	0	0	–	
2011		7 641 225	–	–	–	106 000 000 ⁴	17 851 837	0	30 000	0	0	0	0	0	–	
Colombia		2009	–	–	–	–	20 500 000 ⁴	1 000 000	0	120 000	0	–	0	0	0	0
2010		10 800 000	–	–	–	21 788 036 ⁴	9 175 784	0	120 000	0	–	0	0	0	0	
2011		4 615 661	–	–	–	20 157 754 ⁴	5 347 470	0	120 000	0	0	0	0	0	0	
Costa Rica		2009	–	–	–	–	6 240 000 ⁴	0	0	0	0	0	0	0	0	–
2010		–	–	–	–	4 845 000 ⁴	0	0	0	0	0	0	0	0	0	–
2011		–	–	–	–	5 270 000 ⁴	0	0	0	0	0	0	0	0	0	–
Dominican Republic		2009	1 396 348	–	–	–	208 995	185 772	0	0	14 503	58 538	0	0	0	–
2010		1 207 483	–	–	–	217 761	2 126 483	0	0	150 031	0	0	0	0	0	–
2011		1 423 587	–	–	–	–	1 615 387	1 823 682	0	0	46 155	0	0	0	0	–
Ecuador		2009	–	–	–	–	2 428 604	400 000	0	–	–	80 000	0	0	0	–
2010	2 701 041	–	–	–	–	2 290 771	531 945	0	–	–	–	–	–	–	–	
2011	1 939 571	–	–	–	–	2 375 335	327 863	0	0	0	0	0	0	0	–	
El Salvador	2009	–	–	–	–	3 057 500	0	0	0	0	0	0	0	0	–	
2010	–	–	–	–	–	0 ⁴	–	–	–	–	–	–	–	–	–	
2011	–	–	–	–	–	3 513 000	0	0	0	0	–	0	0	0	–	
Guatemala	2009	1 343 648	–	–	–	–	0	0	0	0	0	0	0	0	–	
2010	–498 947*	–	–	–	–	–	0	0	0	0	0	0	0	0	–	
2011	8 917 396	–	–	–	–	10 558 243	3 596 431	0	0	25 000	0	0	0	0	–	
Guyana	2009	1 329 110	–	–	–	341 775	–	0	140 000	34 000	10 000	0	0	0	–	
2010	573 070	–	–	–	–	661 500	–	0	110 000	10 000	10 000	0	0	0	–	
2011	612 352	–	–	–	–	62 840	–	–	120 000	4 000	14 000	–	–	–	–	
Haiti	2009	1 000 764	–	–	–	–	–	–	–	–	–	–	–	–	–	
2010	–756 968*	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
2011	18 400 000	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Honduras	2009	956 414	–	–	–	1 517 409	1 100 908	0	55 000	0	22 522	0	0	0	–	
2010	1 425 920	–	–	–	–	1 517 409	1 158 468	0	90 964	0	29 670	0	0	0	–	
2011	572 711	–	–	–	–	1 517 409	825 517	0	80 278	0	11 856	0	0	0	–	

WHO Region	Country/area	Year	Contributions reported by donors				Contributions reported by countries								
			Global Fund ¹	PMU ² /USAID	The World Bank ³	DFID ⁵	Government	Global Fund	The World Bank	PMU/USAID	Other bilaterals	WHO	UNICEF	Other contributions ⁵	European Union
Region of the Americas	Mexico	2009	–	–	–	–	22 875 348	0	0	0	0	0	0	0	–
		2010	–	–	–	–	23 140 145	0	0	0	0	0	0	0	–
		2011	–	–	–	–	23 741 789	0	0	0	0	0	0	0	–
	Nicaragua	2009	2 505 734	–	–	–	–	2 015 344	–	–	–	16 173	–	–	–
		2010	2 086 863	–	–	–	–	731 600	0	0	–	35 000	–	0	–
		2011	2 331 302	–	–	–	9 150 000 ⁴	2 032 089	–	–	–	–	–	–	–
	Panama	2009	–	–	–	–	1 459 724	0	0	0	0	0	0	0	–
		2010	–	–	–	–	2 152 435	0	0	0	0	36 640	0	0	–
		2011	–	–	–	–	3 798 322 ⁴	–	–	–	–	–	–	–	–
	Paraguay	2009	–	–	–	–	4 263 661	0	–	–	–	10 000	–	–	–
		2010	–	–	–	–	3 245 670	0	0	0	0	13 000	0	0	–
		2011	–	–	–	–	1 813 409	–	–	–	–	–	–	–	–
	Suriname	2009	1 736 185	–	–	–	–	–	–	–	–	–	–	–	–
		2010	835 305	–	–	–	–	–	–	–	–	–	–	–	–
		2011	710 949	–	–	–	–	–	–	–	–	–	–	–	–
	Venezuela (Bolivarian Republic of)	2009	–	–	–	–	8 700 000 ⁴	18 363 180	1 283 389	17 300 000	0	290 000	939 300	300 000	–
		2010	–	–	–	–	12 089 014 ⁴	0	0	0	104 109	0	0	0	–
		2011	–	–	–	–	1 938 592 ⁴	–	–	–	–	–	–	–	–
Eastern Mediterranean	Afghanistan	2009	20 900 000	–	2 851 587	–	–	6 372 330	–	–	–	1 186 740	–	–	–
		2010	3 105 472	–	1 507 012	–	–	7 928 628	–	415 335	22 813	414 619	–	–	–
		2011	1 161 128	–	–	–	–	7 535 557	–	802 371	65 236	30 000	–	–	–
	Djibouti	2009	148 961	–	–95*	–	79 442 ⁴	–	–	–	–	–	–	–	–
		2010	146 471	–	–	–	84 745 ⁴	206 939	26 810	0	0	2 040	2 824	0	–
		2011	112 748	–	–	–	84 745 ⁴	206 939	420 117	–	–	–	–	–	–
	Iran (Islamic Republic of)	2009	374 798	–	–	–	8 000 000	3 372 294	–	–	–	25 000	–	–	–
		2010	2 226 429	–	–	–	9 690 000	2 326 659	–	–	–	13 000	–	–	–
		2011	2 350 551	–	–	–	12 500 000	1 474 935	–	–	–	12 000	–	–	–
	Pakistan	2009	6 873 870	1 250 000	–	–	500 000	4 500 000	–	–	–	215 947	–	–	–
		2010	3 390 454	3 750 000	–	–	–	–	–	500 000	–	500 000	500 000	400 000	–
		2011	1 185 971	–	–	–	–	4 496 398	–	–	–	500 000	–	481 000	–
	Saudi Arabia	2009	–	–	–	–	28 850 000	0	–	–	0	31 000	–	–	–
		2010	–	–	–	–	28 000 000	0	–	–	2 500 000	36 000	–	–	–
		2011	–	–	–	–	26 357 710	0	–	–	–	99 000	–	–	–
	Somalia	2009	1 959 263	–	–	1 157 623	–	6 863 696	–	–	81 127	101 650	–	–	–
		2010	5 223 275	–	–	–	–	8 436 831	–	–	–	65 000	–	–	–
		2011	2 594 870	–	–	–	–	–	–	–	–	82 000	–	–	–
South Sudan ⁷	2009	13 400 000	1 125 000	–	–	–	17 395 819	–	–	–	350 000	–	–	–	
	2010	7 790 017	4 497 750	–	–	–	16 117 077	–	–	–	400 000	–	–	–	
	2011	21 800 000	3 368 250	–	–	530 000 ⁴	15 361 962	–	–	–	750 000	–	1 300 000	–	
Sudan ⁷	2009	17 100 000	2 685 000	–	1 548 016	10 993 899	15 869 166	0	0	0	0	13 983 001	8 126 137	–	
	2010	18 900 000	–	–	253 713	12 810 941	15 829 743	0	0	0	0	1 259 562	789 400	–	
	2011	14 900 000	–	–	–	26 724 830	19 418 808	0	0	363 495	114 575	553 635	1 041 351	–	
Yemen	2009	2 421 277	–	452 767	–	1 806 742	4 401 240	0	0	1 199 999	475 000	0	126 000	–	
	2010	4 301 028	–	32 100	–	1 594 698	3 482 712	0	0	4 564 902	474 037	0	446 159	–	
	2011	–	–	–	–	1 012 076	880 150	–	–	9 084 589	240 000	–	80 000	–	
European	Azerbaijan	2009	1 786 084	–	–	–	1 971 844	1 423 641	–	–	0	35 000	0	0	–
		2010	887 980	–	–	–	3 842 152	1 692 999	–	–	0	35 000	–	–	–
		2011	280 163	–	–	–	3 738 835	610 905	–	–	0	35 000	–	–	–
	Kyrgyzstan	2009	172 070	–	–	–	70 000	546 245	–	–	0	0	–	0	–
		2010	1 166 939	–	–	–	70 000	1 394 485	–	–	0	0	–	–	–
		2011	1 016 966	–	–	–	70 000	1 114 124	–	–	0	0	–	–	–
	Tajikistan	2009	3 905 035	–	–	–	363 439 ⁴	1 332 959	–	–	0	13 000	–	–	–
		2010	1 819 594	–	–	–	393 734 ⁴	3 353 900	–	–	0	13 000	–	–	–
		2011	3 305 782	–	–	–	412 825 ⁴	3 403 673	–	–	0	15 000	–	–	–
	Turkey	2009	–	–	–	–	44 200 000	0	–	–	0	0	–	0	–
		2010	–	–	–	–	33 486 133	0	–	–	0	0	–	–	–
		2011	–	–	–	–	21 821 901	0	–	–	0	0	–	–	–
	Uzbekistan	2009	984 904	–	–	–	126 249	450 070	–	–	0	7 892	–	0	–
		2010	–	–	–	–	507 457	538 393	–	–	0	0	–	–	–
		2011	220 785	–	–	–	1 529 810	583 446	–	–	0	0	–	–	–

Annex 3 – Funding, 2000–2011 (continued)

WHO Region	Country/area	Year	Contributions reported by donors				Contributions reported by countries								
			Global Fund ¹	PMI ² /USAID	The World Bank ³	DFID ⁵	Government	Global Fund	The World Bank	PMI/USAID	Other bilaterals	WHO	UNICEF	Other contributions ⁵	European Union
South-East Asia	Bangladesh	2009	3 521 417	–	–	–	642 129 ⁴	7 769 852	887 995	–	–	230 000	–	–	–
		2010	10 300 000	–	–	–	1 094 385 ⁴	5 369 344	–	–	–	–	–	–	
		2011	8 873 006	–	–	–	8 686 483 ⁴	8 890 744	–	–	118 000	–	–	–	
	Bhutan	2009	726 894	–	–	–	172 826	1 163 706	0	0	173 913	17 192	0	0	–
		2010	478 376	–	–	–	211 189	1 315 911	0	0	188 222	23 622	0	0	–
		2011	260 267	–	–	–	222 222	–	–	–	22 600	22 600	–	–	–
	Democratic People's Republic of Korea	2009	–	–	–	–	1 200 000	0	–	–	0	1 300 000	–	1 200 000	–
		2010	7 942 321	–	–	–	1 800 000	8 913 265	–	–	–	42 467	–	–	–
		2011	4 756 310	–	–	–	1 875 000	2 500 899	–	–	0	23 000	–	–	–
	India	2009	–	–	–	–	60 222 222	9 184 373	9 480 000	–	–	–	–	–	–
		2010	8 519 368	–	1 503 849	–	91 551 356	13 179 273	10 265 300	–	–	–	–	–	–
2011		3 260 689	–	17 000 000	–	99 525 920	6 496 121	30 898 403	–	–	–	–	–	–	
Indonesia	2009	34 300 000	–	–	–	5 594 019	17 661 982	0	0	–	103 000	3 300 000	0	–	
	2010	36 700 000	–	–	–	5 787 267	31 659 696	0	0	26 311	200 000	2 027 122	0	–	
	2011	18 800 000	–	–	–	–	40 573 846	0	0	–	222 222	3 111 111	0	–	
Myanmar	2009	–122 330*	–	–	–	375 000	–	–	–	2 000 000	300 000	1 607 882	3 815 436	–	
	2010	13 200 000	–	–	–	2 250 000	–	–	–	2 294 000	300 000	1 300 000	–	–	
	2011	–	–	–	–	1 259 002	5 900 000	–	–	–	–	–	–	–	
Nepal	2009	573 709	–	–	–	907 671	1 305 661	0	0	0	88 000	0	742 500	–	
	2010	9 912 218	–	–	–	869 401	2 765 680	0	0	0	46 500	0	0	–	
	2011	–	–	–	–	192 361	1 907 500	0	0	0	46 500	0	3 559 305	–	
Sri Lanka	2009	6 593 558	–	–	–	1 201 268	522 431	–	–	–	–	–	–	–	
	2010	5 570 521	–	–	–	1 045 455	1 117 464	–	–	–	24 321	–	–	–	
	2011	4 384 546	–	–	–	1 800 000	5 316 488	–	–	–	18 000	–	–	–	
Thailand	2009	5 718 652	–	–	–	509 557	5 087 163	–	–	–	58 118	–	2 061 759	–	
	2010	2 967 189	–	–	–	439 376	3 279 977	–	–	–	73 824	–	–	–	
	2011	13 800 000	–	–	–	15 252 969	3 002 074	–	77 541	–	61 408	–	566 115	–	
Timor-Leste	2009	3 006 874	–	–	–	46 572	4 698 114	0	0	0	145 000	0	0	–	
	2010	2 688 525	–	–	–	1 858 476	2 367 459	0	0	0	12 500	239 928	526 500	–	
	2011	774 076	–	–	–	2 278 680	3 902 662	0	0	0	41 920	0	0	–	
Western Pacific	Cambodia	2009	11 300 000	–	–	–	1 019 923	5 534 038	0	1 000 000	0	650 000	0	0	–
		2010	35 400 000	–	–	–	1 355 728	7 157 939	0	0	0	1 446 616	0	0	–
		2011	15 300 000	–	–	–	3 127 120	39 422 203	0	0	0	380 347	0	60 000	–
	China	2009	12 800 000	–	–	–	–	9 901 385	–	–	–	–	–	–	–
		2010	51 300 000	–	–	–	–	50 874 137	–	–	–	–	–	–	–
		2011	4 782 175	–	–	–	–	24 430 525	–	–	–	–	–	–	–
	Lao People's Democratic Republic	2009	5 252 504	–	763 133	–	–	6 424 803	0	0	0	21 300	0	0	–
		2010	2 637 721	–	610 838	–	97 690 ⁴	815 252	0	0	0	45 925	0	0	–
		2011	7 010 161	–	–	–	470 764	4 326 267	0	0	0	46 000	0	0	–
	Malaysia	2009	–	–	–	–	23 823 040	0	–	–	0	0	–	0	–
		2010	–	–	–	–	24 826 273	0	–	–	0	0	–	0	–
2011		–	–	–	–	37 844 710	0	–	–	0	0	–	–	–	
Papua New Guinea	2009	26 400 000	–	–	–	156 ⁴	4 417 383	–	–	–	2 179	–	–	–	
	2010	2 535 493	–	–	–	142 766	1 028 735	–	–	–	321 338	–	3 260 803	–	
	2011	10 600 000	–	–	–	311 000 ⁴	23 842 245	0	0	0	200 000	0	8 968 127	–	
Philippines	2009	5 636 133	–	–	–	3 439 132	31 400 000	0	0	75 000	300 000	0	516 000	–	
	2010	18 800 000	–	–	–	3 930 233 ⁴	21 758 417	0	0	75 000	–	0	769 000	–	
	2011	1 665 107	–	–	–	3 969 519 ⁴	12 322 318	0	0	75 000	–	0	2 501 000	–	
Republic of Korea	2009	–	–	–	–	798 000	4 000 000	–	–	–	1 096 000	–	–	–	
	2010	–	–	–	–	729 091	3 911 600	–	–	–	–	–	–	–	
	2011	–	–	–	–	785 000	2 000 000	–	–	–	1 092 172	–	–	–	
Solomon Islands	2009	–	–	–3 380*	–	276 195	628 188	0	0	0	216 674	0	750 189	–	
	2010	–	–	–	–	1 531 001	1 409 315	0	0	0	225 000	0	753 085	–	
	2011	–	–	–	–	840 284	1 537 685	0	0	0	697 890	0	6 229 231	–	
Vanuatu	2009	–	–	–	–	754 651	1 581 816	0	0	0	287 615	0	1 282 500	–	
	2010	–	–	–	–	812 377	683 607	0	0	0	287 615	0	1 432 500	–	
	2011	–	–	–	–	943 619	2 052 359	0	0	0	287 615	0	2 050 753	–	
Viet Nam	2008	8 395 846	–	774 443	–	4 599 534	2 760 895	0	0	–	70 000	0	0	–	

- ¹ Source: The Global Fund website (malaria specific grants)
- ² Source: USAID internal database, The President's Malaria Initiative, Fifth Annual Report to Congress, April 2011; Sixth Annual Report to Congress, April 2012
- ³ Source: USAID internal database, The President's Malaria Initiative, Fifth Annual Report to Congress, April 2011; Sixth Annual Report to Congress, April 2012
- ⁴ Source: OECD Database
- ⁵ Budget not expenditure
- ⁶ Other Contributions as reported by countries: NGOs, foundations, etc.
- ⁷ Where national totals for the United Republic of Tanzania are unavailable, refer to the sum of Mainland and Zanzibar.
- ⁸ South Sudan became a separate State on 10 July 2011 and a Member State of WHO on 27 September 2011. South Sudan and Sudan have distinct epidemiological profiles comprising high transmission and low transmission areas respectively. For this reason data up to June 2011 from the high transmission areas of Sudan (10 southern states which correspond to South Sudan) and low transmission areas (15 northern states which correspond to contemporary Sudan) are reported separately
- ^{*} Negative disbursements reflect recovery of funds on behalf of the financing organization

Annex 4 – Intervention coverage estimated from routinely collected data, 2009-2011

WHO Region	Country/area	Year	No. of ITNs + LLINs sold or delivered	No. of LLINs sold or delivered	No. of ITNs sold or delivered	% of population potentially protected by ITNs delivered	Modelled % of households ≥1 ITN	No. of people protected by IRS	% IRS coverage	Any 1st-line treatment courses delivered (including ACT)	ACT treatment courses delivered	% Any antimalarial coverage ¹	% ACT coverage ²
African	Algeria	2009	–	0	0	–	–	0	0	94	94	100	69
		2010	0	–	–	–	–	0	0	408	408	100	66
		2011	–	0	–	–	–	0	0	191	191	100	69
	Angola	2009	936 762	936 762	0	38	13	485 974	3	3 878 910	3 878 910	75	75
		2010	1 678 365	1 678 365	0	39	19	650 782	3	3 119 744	3 119 744	60	60
		2011	1 720 738	1 720 738	0	40	35	689 638	4	3 898 070	3 898 070	73	73
	Benin	2009	876 000	–	–	52	55	512 491	6	4 328 504	2 691 254	100	80
		2010	900 000	900 000	–	21	47	636 448	7	–	–	–	–
		2011	5 135 942	5 135 942	0	100	47	426 232	5	1 911 338	1 911 338	51	51
	Botswana	2009	33 760	33 760	–	10	29	236 078	18	40 867	40 867	100	100
		2010	84 000	84 000	–	21	30	250 961	19	27 593	27 593	100	100
		2011	12 000	12 000	–	18	34	207 991	16	10 149	10 149	100	100
	Burkina Faso	2009	1 103 049	1 103 049	0	21	37	0	0	3 947 012	3 947 012	56	56
		2010	6 892 018	6 892 018	0	95	54	113 163	1	7 989 808	7 989 808	100	100
		2011	774 344	774 344	0	93	53	116 708	1	5 918 783	5 703 335	89	85
	Burundi	2009	1 879 386	1 879 386	0	100	55	3 822	0	1 887 914	1 887 914	100	100
		2010	1 178 843	1 178 843	0	100	63	255 474	4	4 258 605	3 435 597	100	100
		2011	2 869 433	2 869 433	0	100	73	224 496	3	2 343 078	1 791 325	100	100
	Cameroon	2009	640 626	–	210 020	12	38	0	0	1 299 240	1 299 240	23	23
		2010	331 193	187 000	144 193	9	34	0	0	803 231	803 231	14	14
		2011	8 115 879	8 115 879	–	75	61	0	0	1 234 405	1 234 405	21	21
	Cape Verde	2009	–	–	–	–	14	–	–	64	60	64	60
		2010	0	0	0	–	16	175 060	100	4 835	3 492	100	100
		2011	0	0	0	–	19	282 265	100	–	–	–	–
	Central African Republic	2009	100 000	–	–	60	18	–	–	868 407	843 540	39	37
		2010	948 274	948 274	0	73	15	–	–	–	–	–	–
		2011	–	0	0	38	17	–	–	–	–	–	–
	Chad	2009	60 500	–	0	1	19	–	–	–	–	–	–
		2010	353 495	353 495	0	6	39	–	–	309 927	447 000	41	59
		2011	3 495 086	3 495 086	0	61	47	–	–	122 879	122 879	16	16
	Comoros	2009	61 000	–	–	20	24	–	–	170 670	170 670	80	79
		2010	259 558	259 558	–	68	26	0	0	171 090	171 090	80	78
		2011	9 896	9 896	0	64	29	31 922	4	117 620	117 620	54	53
	Congo	2009	–	–	–	–	8	–	–	–	–	–	–
		2010	–	–	–	–	9	–	–	–	–	–	–
		2011	–	–	–	–	10	–	–	–	–	–	–
	Côte d'Ivoire	2009	936 920	936 920	–	19	29	–	–	–	–	–	–
		2010	148 804	148 804	–	20	54	–	–	1 721 461	1 721 461	26	26
		2011	8 135 784	8 135 784	–	82	61	–	–	2 349 795	2 349 795	35	35
	Democratic Republic of the Congo	2009	7 853 284	7 853 284	0	43	52	94 160	0	9 208 416	9 208 416	85	85
		2010	2 275 207	2 275 207	0	43	52	98 118	0	10 315 190	10 315 190	93	93
		2011	12 033 092	12 033 092	–	59	54	96 836	0	14 379 445	14 379 445	100	100
	Equatorial Guinea	2009	11 806	–	–	65	48	393 122	58	88 989	70 057	30	24
		2010	–	–	–	18	34	–	–	150 199	49 233	44	14
		2011	2 798	2 798	–	1	56	–	–	27 319	27 319	8	8
	Eritrea	2009	669 414	270 233	399 181	20	57	124 005	2	150 000	150 000	100	74
		2010	421 916	102 918	318 998	17	53	177 762	3	285 253	285 253	93	66
		2011	1 110 284	992 779	117 505	45	73	274 143	5	–	–	–	–
	Ethiopia	2009	1 875 681	1 875 681	0	41	92	28 373 630	52	9 561 391	8 387 321	100	100
		2010	13 798 161	13 798 161	0	62	78	27 029 473	49	9 205 141	9 205 141	100	100
		2011	4 279 165	4 279 165	0	63	90	20 865 542	37	5 058 582	5 058 582	100	95
	Gabon	2009	0	0	0	1	63	–	–	2 212 759	–	100	–
		2010	0	–	0	0	44	–	–	374 573	368 175	77	57
		2011	–	–	–	–	54	–	–	–	–	–	–
	Gambia	2009	173 778	160 537	13 241	57	48	816 253	49	1 848 230	924 115	100	95
		2010	0	0	0	47	57	387 274	22	427 903	427 903	44	44
		2011	734 063	734 063	0	91	45	747 485	42	549 830	549 830	55	55
	Ghana	2009	494 523	250 000	244 523	24	46	708 103	3	4 048 655	4 048 655	51	51
		2010	1 016 900	1 016 900	0	15	44	849 620	3	5 600 000	5 600 000	69	69
		2011	4 151 906	4 151 906	0	39	38	926 699	4	14 493 253	14 493 253	100	100
	Guinea	2009	3 289 030	–	264 571	66	10	37 048	0	2 231 777	2 231 777	60	60
		2010	73 862	73 862	0	6	10	35 333	0	851 811	851 811	23	23
		2011	48 942	48 942	0	2	11	0	0	924 025	924 025	24	24
	Guinea-Bissau	2009	92 975	–	–	32	59	–	–	241 388	241 388	34	34
		2010	269 443	68 108	201 335	18	64	–	–	–	–	–	–
		2011	170 442	170 442	0	28	58	–	–	–	–	–	–
	Kenya	2009	3 276 173	2 740 673	535 500	41	62	1 470 865	5	–	–	–	–
		2010	1 176 280	1 176 280	–	37	63	1 487 083	5	18 550 714	18 550 714	100	100
		2011	9 058 461	9 058 461	0	74	66	1 832 090	6	–	–	–	–
	Liberia	2009	761 000	761 000	0	36	41	160 000	4	–	–	–	–
		2010	883 400	883 400	0	74	44	420 532	11	–	–	–	–
		2011	830 000	830 000	–	100	44	834 671	20	6 059 525	4 581 525	100	100
	Madagascar	2009	1 948 405	1 948 405	0	50	48	7 149 221	36	398 413	398 413	22	22
		2010	4 986 868	4 986 868	0	68	63	9 805 575	47	422 536	422 536	25	25
		2011	510 275	510 275	0	63	80	10 012 822	47	256 452	256 452	14	14
	Malawi	2009	3 957 000	957 000	3 000 000	28	31	288 960	2	9 942 240	–	100	–
		2010	1 529 665	1 529 665	0	42	52	2 036 430	14	7 342 770	7 202 531	100	100
		2011	1 017 405	1 037 395	0	41	53	321 919	2	7 199 048	7 202 531	100	100
	Mali	2009	1 549 800	–	0	42	84	386 074	3	441 589	441 589	10	10
		2010	1 020 074	1 020 074	0	34	77	440 815	3	294 984	294 984	6	6
		2011	4 173 156	4 173 156	0	59	65	697 512	4	1 719 974	1 719 974	35	35

WHO Region	Country/area	Year	No. of ITNs + LLINs sold or delivered	No. of LLINs sold or delivered	No. of ITNs sold or delivered	% of population potentially protected by ITNs delivered	Modelled % of households ≥1 ITN	No. of people protected by IRS	% IRS coverage	Any 1st-line treatment courses delivered (including ACT)	ACT treatment courses delivered	% Any antimalarial coverage ¹	% ACT coverage ²
African	Mauritania	2009	200 455	—	—	14	11	—	—	49 714	49 714	6	6
		2010	872 268	872 268	0	53	13	—	—	126 162	126 162	14	14
		2011	139 690	139 690	0	57	17	—	—	64 078	64 078	7	7
	Mozambique	2009	1 292 159	1 292 159	—	39	35	8 479 828	37	213 661	—	1	—
		2010	1 525 979	1 525 979	—	38	38	7 513 172	32	7 671 350	7 671 350	53	53
		2011	3 244 164	3 244 164	—	46	38	8 532 525	36	9 391 810	9 391 810	64	64
	Namibia	2009	92 000	92 000	0	48	75	487 372	30	78 625	78 625	78	78
		2010	87 900	87 900	0	54	80	566 419	34	87 520	87 520	100	100
		2011	87 900	87 900	0	29	74	599 939	36	110 031	110 031	100	100
	Niger	2009	2 612 516	—	—	40	63	—	0	1 990 366	1 510 247	45	34
		2010	2 530 809	1 747 037	783 772	33	74	—	0	2 225 253	2 225 253	57	57
		2011	300 000	544 550	—	26	78	—	0	3 199 290	3 199 290	79	79
	Nigeria	2009	19 300 000	19 300 000	—	31	22	330 000	0	18 397 352	9 198 676	39	19
		2010	17 301 049	17 301 049	—	49	37	200 000	0	9 980 728	9 980 728	23	23
		2011	16 756 540	822 766	—	41	46	177 235	0	7 648 896	7 648 896	17	17
	Rwanda	2009	796 663	—	—	31	64	1 411 715	14	—	—	—	—
		2010	4 763 739	4 763 739	—	81	73	1 646 781	16	—	—	—	—
		2011	816 915	816 915	—	92	84	1 745 274	16	—	—	—	—
	Sao Tome and Principe	2009	34 339	28 930	0	100	39	137 394	85	9 932	4 966	100	71
		2010	47 403	47 403	0	94	47	65 442	40	6 111	6 111	100	100
		2011	4 985	4 985	0	87	51	115 610	69	11 546	11 546	100	100
	Senegal	2009	2 831 235	2 255 235	576 000	68	67	661 814	5	184 170	184 170	4	4
		2010	621 481	621 481	—	64	70	951 620	8	835 954	835 954	18	18
		2011	2 465 770	2 465 770	—	75	60	887 315	7	675 707	675 707	14	14
	Sierra Leone	2009	292 613	292 613	0	36	35	0	0	1 815 113	1 815 113	77	77
		2010	3 413 311	3 413 311	0	100	52	308 209	5	2 161 564	2 161 564	100	100
		2011	45 833	45 833	0	100	86	851 000	14	1 873 610	1 873 610	87	87
	South Africa	2009	—	—	—	—	26	4 000 000	80	10 500	10 500	100	100
		2010	—	—	—	—	30	5 000 000	100	—	—	—	—
		2011	—	—	—	—	35	5 000 000	99	7 620	7 620	67	70
	Swaziland	2009	25 000	0	0	41	29	—	—	0	0	—	—
		2010	71 336	71 336	0	50	40	—	—	3 320	3 320	100	100
		2011	47 857	47 857	0	64	63	—	—	1 750	1 750	100	100
	Togo	2009	167 590	—	359	58	71	0	0	1 087 154	1 067 694	82	80
		2010	255 111	247 263	7 848	58	67	0	0	—	—	—	—
		2011	2 548 142	2 537 528	536	81	53	0	0	659 800	—	46	—
	Uganda	2009	876 054	876 054	0	27	38	1 600 324	5	11 357 813	11 357 813	100	100
		2010	7 400 000	7 400 000	0	57	50	2 732 418	8	—	—	—	—
		2011	709 000	709 000	0	47	59	2 543 983	7	19 579 200	19 579 200	100	100
	United Republic of Tanzania	2009	15 399 754	7 629 112	7 770 642	63	37	3 391 198	8	—	—	—	—
		2010	—	—	—	35	69	—	—	—	—	—	—
		2011	—	—	—	30	90	—	—	—	—	—	—
	Mainland	2009	15 110 633	7 339 991	7 770 642	63	37	6 790 786	5	6 473 485	#VALUE!	53	53
		2010	17 738 974	17 738 974	0	100	69	6 982 247	15	6 193 074	6 193 074	100	100
		2011	17 617 891	17 617 891	0	100	83	8 636 526	15	6 960 921	6 960 921	100	100
	Zanzibar	2009	289 121	289 121	0	72	—	1 152 235	87	188 675	188 675	100	100
		2010	29 853	29 853	0	70	—	1 030 944	76	45 715	45 715	100	100
		2011	29 276	29 276	0	45	—	1 094 029	78	3 501	3 501	68	68
	Zambia	2009	1 502 712	1 502 712	0	73	72	5 638 551	44	6 284 810	—	100	—
		2010	1 058 050	1 058 050	0	52	60	5 951 303	45	6 147 359	6 147 359	100	100
		2011	3 532 137	3 532 137	0	81	40	7 542 497	56	6 957 420	6 957 420	100	100
	Zimbabwe	2009	640 557	640 557	—	35	56	2 575 116	41	—	—	—	—
		2010	1 219 309	1 219 309	0	55	52	3 090 289	49	1 213 001	1 213 001	100	100
		2011	0	0	0	52	58	3 299 058	52	2 079 657	2 079 657	100	100
Region of the Americas	Argentina	2009	—	—	—	—	—	—	—	—	—	—	—
		2010	—	—	—	—	—	—	—	72	—	100	—
		2011	—	—	—	—	—	27 308	13	—	—	—	—
	Belize	2009	2 700	2 700	0	2	—	60 168	29	256	0	100	—
		2010	0	0	0	2	—	50 121	23	150	0	100	—
		2011	0	0	0	2	—	31 363	14	79	0	100	—
	Bolivia (Plurinational State of)	2009	5 000	5 000	0	9	—	20 000	4	9 743	674	100	100
		2010	42 950	42 950	0	20	—	35 365	7	13 796	1 200	100	100
		2011	42 800	42 800	0	34	—	45 214	9	7 200	923	100	100
	Brazil	2009	37 599	37 599	0	3	—	379 733	9	490 292	159 792	100	100
		2010	94 611	94 611	0	6	—	508 667	11	515 015	78 965	100	100
		2011	13 739	13 739	0	6	—	714 128	16	445 531	114 081	100	100
	Colombia	2009	82 527	62 027	20 500	7	—	115 000	2	1 281 860	313 680	100	100
		2010	73 500	70 000	3 500	6	—	260 000	4	209 473	42 688	100	100
		2011	274 682	262 732	11 950	11	—	1 032 000	15	92 518	27 698	100	100
	Costa Rica	2009	2 603	2 303	300	10	—	18 500	40	2 620	0	100	—
		2010	6 000	6 000	0	32	—	16 400	35	1 140	0	100	—
		2011	4 000	4 000	0	47	—	48 000	100	170	0	100	—
	Dominican Republic	2009	0	0	0	3	—	1 253	0	1 643	0	100	—
		2010	83 918	83 918	0	38	—	53 057	12	2 479	3	73	—
		2011	70 437	70 437	0	64	—	78 236	18	1 608	8	100	—
	Ecuador	2009	122 429	117 200	5 229	100	—	334 006	100	10 000	10 000	100	100
		2010	68 860	68 860	0	100	—	163 572	75	1 753	500	93	100
		2011	30 022	30 022	0	100	—	105 234	48	—	—	—	—
	El Salvador	2009	—	—	—	—	—	65 775	5	20	0	100	—
		2010	—	—	—	—	—	—	—	—	—	—	—
		2011	0	0	0	—	—	26 167	2	15	—	94	—

Annex 4 – Intervention coverage estimated from routinely collected data, 2009-2011 (continued)

WHO Region	Country/area	Year	No. of ITNs + LLINs sold or delivered	No. of LLINs sold or delivered	No. of ITNs sold or delivered	% of population potentially protected by ITNs delivered	Modelled % of households ≥1 ITN	No. of people protected by IRS	% IRS coverage	Any 1st-line treatment courses delivered (including ACT)	ACT treatment courses delivered	% Any antimalarial coverage ¹	% ACT coverage ²
Region of the Americas	French Guiana, France	2009	2 668	–	–	6	–	39 231	20	–	–	–	–
		2010	2 565	–	–	6	–	40 784	21	–	–	–	–
		2011	–	–	–	–	–	–	–	–	–	–	–
	Guatemala	2009	427 277	0	0	78	–	27 460	1	–	0	–	–
		2010	8 077	8 077	–	6	–	148 855	7	–	0	–	–
		2011	0	0	0	1	–	42 555	2	6 822	0	100	–
	Guyana	2009	1 068	1 068	0	6	–	0	0	13 673	6 206	100	81
		2010	0	0	0	4	–	0	0	22 935	21 376	100	100
		2011	–	–	–	1	–	–	–	29 471	28 368	100	100
	Haiti	2009	–	–	–	7	–	–	–	–	–	–	–
		2010	–	–	–	4	–	–	–	–	–	–	–
		2011	–	–	–	–	–	–	–	113 958	–	100	–
	Honduras	2009	1 325	1 325	0	0	–	51 263	5	105 459	0	100	–
		2010	6 378	6 378	0	1	–	65 187	6	93 845	1	100	–
		2011	8 798	8 798	0	3	–	83 858	8	74 533	1	100	–
	Mexico	2009	0	0	0	–	–	98 875	29	0	0	–	–
		2010	350 000	0	0	100	–	106 875	31	0	0	–	–
		2011	0	0	0	–	–	69 331	20	0	–	–	–
	Nicaragua	2009	30 000	30 000	0	100	–	327 937	100	35 430	0	100	–
		2010	22 800	22 800	0	100	–	262 373	100	59 600	–	100	–
		2011	14 300	14 300	–	100	–	200 448	100	206 511	–	100	–
	Panama	2009	0	0	0	–	–	109 497	72	2 129	0	100	–
		2010	0	0	0	–	–	82 041	53	836	0	100	–
		2011	0	0	0	–	–	23 766	15	420	0	100	–
	Paraguay	2009	0	0	0	1	–	178 635	78	91	9	100	–
		2010	0	0	0	1	–	36 035	16	27	5	100	–
		2011	0	0	0	–	–	34 736	15	–	–	–	–
	Peru	2009	–	–	–	4	–	–	–	–	–	–	–
		2010	–	–	–	–	–	–	–	–	–	–	–
		2011	–	–	–	–	–	–	–	–	–	–	–
	Suriname	2009	376	376	0	50	–	–	–	–	–	–	–
		2010	14 858	14 073	785	65	–	–	–	–	–	–	–
		2011	1 343	712	631	34	–	–	–	–	–	–	–
	Venezuela (Bolivarian Republic of)	2009	8 004	8 004	0	7	–	5 950 904	100	35 340	4 753	99	53
		2010	9 267	9 267	–	6	–	5 244 247	100	45 155	10 629	100	87
		2011	1 665	1 665	–	4	–	3 589 089	100	–	–	–	–
Eastern Mediterranean	Afghanistan	2009	317 631	317 631	0	30	–	–	–	12 277	12 277	3	48
		2010	922 956	922 956	0	40	–	–	–	–	–	–	–
		2011	3 352 326	3 352 326	0	83	–	0	0	–	–	–	–
	Djibouti	2009	65 516	57 516	8 000	83	83	–	–	–	–	–	–
		2010	28 300	28 300	0	90	68	–	–	–	–	–	–
		2011	100	100	0	34	85	–	–	–	–	–	–
	Iran (Islamic Republic of)	2009	80 000	80 000	–	7	–	–	–	–	–	–	–
		2010	120 000	120 000	–	10	–	222 470	5	11 358	7 245	100	100
		2011	60 000	60 000	–	10	–	84 484	2	5 976	3 417	100	100
	Pakistan	2009	396 341	396 341	–	4	–	350 000	1	2 294 816	34 891	35	2
		2010	–	–	–	3	–	–	–	–	–	–	–
		2011	–	–	–	3	–	–	–	–	–	–	–
	Saudi Arabia	2009	250 000	250 000	–	26	–	2 457 965	71	3 240	1 840	100	100
		2010	81 050	81 050	–	29	–	2 500 000	70	3 000	1 600	100	100
		2011	100 000	100 000	0	21	–	2 600 000	71	2 724	2 724	100	100
	Somalia	2009	473 081	473 081	0	31	20	9 100	0	72 000	72 000	33	34
		2010	131 467	131 467	0	21	20	16 261	0	95 000	95 000	100	100
		2011	210 231	210 231	0	22	21	429 514	6	–	–	–	–
	South Sudan ³	2009	3 479 013	3 479 013	–	99	52	–	–	–	–	–	–
		2010	2 203 040	2 203 040	–	100	57	–	–	–	–	–	–
		2011	386 563	386 563	0	100	56	–	–	–	–	–	–
	Sudan	2009	3 470 931	3 470 931	0	40	40	1 685 439	6	2 379 910	2 379 910	87	91
		2010	1 166 240	1 166 240	0	41	46	2 480 360	9	2 285 901	2 339 473	94	100
		2011	882 901	882 901	0	35	45	2 947 155	10	–	–	–	–
	Yemen	2009	66 545	66 545	0	11	–	1 440 482	14	308 180	258 180	100	100
		2010	538 577	538 577	0	16	–	1 099 627	11	183 177	177 517	49	48
		2011	21 831	21 831	0	11	–	1 480 416	14	273 180	273 180	100	100
European	Azerbaijan	2009	20 000	20 000	–	17	–	123 000	59	80	0	100	100
		2010	10 000	10 000	–	26	–	1 250 000	592	54	2	100	100
		2011	10 000	10 000	–	34	–	309 162	144	10	2	100	100
	Kyrgyzstan	2009	20 000	20 000	–	2 575	–	599 800	14 300	4	0	100	100
		2010	70 000	70 000	–	4 665	–	335 000	7 892	6	0	100	100
		2011	48 600	48 600	–	5 814	–	223 000	5 197	5	0	100	–
	Russian Federation	2009	0	0	–	–	–	0	–	107	0	100	–
		2010	0	0	–	–	–	0	–	102	0	100	–
		2011	–	0	–	–	–	0	–	85	0	100	–
	Tajikistan	2009	39 637	40 556	–	67	–	119 557	52	165	1	100	100
		2010	38 778	38 778	–	76	–	814 500	100	112	1	100	100
		2011	117 041	117 041	–	100	–	644 136	100	78	5	100	100
	Turkey	2009	0	0	–	–	–	455 550	2 795	4 514	7	100	44
		2010	0	0	–	–	–	390 460	2 366	250	100	100	100
		2011	–	0	–	–	–	221 225	1 324	205	105	100	100
	Uzbekistan	2009	0	0	–	86	–	329 642	100	5	1	100	100
		2010	0	0	–	66	–	244 821	100	5	0	100	100
		2011	50 000	50 000	–	100	–	300 543	100	1	0	100	–

WHO Region	Country/area	Year	No. of ITNs + LLINs sold or delivered	No. of LLINs sold or delivered	No. of ITNs sold or delivered	% of population potentially protected by ITNs delivered	Modelled % of households ≥1 ITN	No. of people protected by IRS	% IRS coverage	Any 1st-line treatment courses delivered (including ACT)	ACT treatment courses delivered	% Any antimalarial coverage ¹	% ACT coverage ²
South-East Asia	Bangladesh	2009	450 334	—	450 334	76	—	—	—	—	0	—	—
		2010	1 696 943	500 000	1 196 943	100	—	—	—	68 802	58 135	75	69
		2011	2 800 144	1 391 953	1 408 191	100	—	—	—	68 540	48 540	100	100
	Bhutan	2009	26 915	20 339	6 576	80	—	142 922	100	1 995	1 895	100	100
		2010	100 671	99 697	974	100	—	140 503	100	780	266	100	100
		2011	8 942	8 942	0	100	—	148 318	100	125	125	58	100
	Democratic People's Republic of Korea	2009	40 000	40 000	—	4	—	762 175	26	18 679	0	100	100
		2010	300 000	300 000	—	21	—	2 000 000	68	15 392	0	100	100
		2011	79 960	79 960	—	26	—	2 013 084	69	1 804	0	12	100
	India	2009	9 235 000	2 235 000	7 000 000	6	—	66 810 733	25	1 563 574	825 000	100	98
		2010	2 570 000	2 570 000	0	3	—	53 432 930	20	1 599 986	2 875 000	100	100
		2011	6 580 000	6 580 000	0	8	—	53 348 697	20	330 000 000	2 920 000	100	100
	Indonesia	2009	1 320 000	1 320 000	0	6	—	0	0	280 779	280 779	41	78
		2010	2 402 610	2 402 610	0	11	—	60 000	0	671 681	671 681	29	55
		2011	2 829 748	2 829 748	0	13	—	527 535	1	479 850	479 850	29	53
	Myanmar	2009	1 328 252	213 027	1 115 725	16	—	8 471	0	544 378	544 378	80	100
		2010	778 264	329 421	448 843	11	—	12 709	0	266 769	266 769	31	43
		2011	1 613 830	551 107	1 062 723	22	—	1 036	0	594 756	569 607	96	100
	Nepal	2009	359 766	359 736	0	100	—	827 240	76	123 903	18 288	100	67
		2010	438 186	438 186	0	100	—	768 350	69	150 000	3 200	100	13
		2011	934 476	934 476	0	100	—	256 070	23	71 140	612	91	6
	Sri Lanka	2009	774 000	774 000	—	40	—	409 473	9	587	29	96	87
		2010	166 600	166 600	—	45	—	314 146	7	770	34	100	100
		2011	1 274 000	1 274 000	—	82	—	80 499	2	192	17	100	98
	Thailand	2009	1 246 420	348 346	898 074	43	—	624 800	11	79 170	40 740	100	100
		2010	897 497	201 566	695 931	42	—	568 799	10	51 161	26 471	100	100
		2011	382 850	100 343	282 507	30	—	423 638	8	5 642	5 642	100	100
	Timor-Leste	2009	0	0	0	37	—	0	0	160 502	41 946	100	51
		2010	166 605	166 605	0	51	—	58 425	7	38 828	38 828	32	44
		2011	24 613	24 613	0	39	—	102 858	12	496 742	63 220	100	100
Western Pacific	Cambodia	2009	1 251 384	702 810	548 574	46	—	0	0	235 239	106 202	100	100
		2010	361 424	217 351	144 073	37	—	0	0	198 390	182 046	100	100
		2011	1 852 892	1 203 321	329 370	70	—	0	0	206 529	120 529	100	100
	China	2009	826 389	219 316	607 073	100	—	8 768 609	100	227 932	11 500	100	100
		2010	692 126	114 529	577 597	100	—	24 561 489	100	—	—	—	—
		2011	656 674	149 394	507 280	100	—	1 043 963	100	—	—	—	—
	Lao People's Democratic Republic	2009	1 237 210	72 900	1 164 310	100	—	0	0	68 903	68 903	100	100
		2010	1 356 721	230 292	1 126 429	100	—	0	0	51 425	51 425	100	100
		2011	241 935	241 935	0	43	—	0	0	56 340	56 340	100	100
	Malaysia	2009	0	216 460	—	88	—	400 007	48	7 010	—	100	—
		2010	221 911	221 911	—	100	—	365 340	43	6 650	—	100	—
		2011	260 487	260 487	—	100	—	307 769	36	5 306	2 218	100	100
	Papua New Guinea	2009	341 438	341 438	—	24	—	17 808	0	—	—	—	—
		2010	878 831	878 831	—	46	—	—	—	—	—	—	—
		2011	1 268 939	1 268 939	—	68	—	—	—	—	—	—	—
	Philippines	2009	1 441 243	1 312 503	128 740	59	—	795 995	12	28 920	28 920	100	100
		2010	1 497 791	1 437 327	60 464	88	—	1 063 275	16	36 298	36 298	100	100
		2011	142 853	3 037 404	44 228	100	—	1 052 050	15	—	—	—	—
	Republic of Korea	2009	—	—	—	—	—	—	—	1 343	—	68	—
		2010	10 000	10 000	—	1	—	—	—	1 772	—	67	—
		2011	10 000	10 000	—	1	—	—	—	838	—	72	—
	Solomon Islands	2009	14 797	14 797	0	51	—	112 454	22	590 342	295 171	100	100
		2010	314 478	314 478	0	100	—	166 053	31	271 946	271 946	100	100
		2011	46 574	46 574	0	100	—	175 265	32	—	—	—	—
	Vanuatu	2009	25 284	25 284	0	79	—	13 335	6	100 000	20 000	100	100
		2010	91 281	91 281	0	100	—	16 204	7	49 600	49 600	100	100
		2011	92 385	92 385	0	100	—	18 490	8	—	—	—	—
	Viet Nam	2009	4 025 428	0	4 025 428	—	—	1 544 329	10	811 000	323 748	100	100
		2010	1 181 438	500 000	681 438	14	—	1 602 475	10	—	—	—	—
		2011	766 606	100 000	666 606	15	—	1 555 892	10	274 852	110 576	100	100

¹ Based on estimated presumed and confirmed and any 1st-line treatment courses distributed as proxy indicator for treated cases

² Based on estimated presumed and confirmed cases and % of *P. falciparum* using ACT distributed as proxy indicator for treated cases

³ South Sudan became a separate State on 9 July 2011 and a Member State of WHO on 27 September 2011. South Sudan and Sudan have distinct epidemiological profiles comprising high transmission and low transmission areas respectively. For this reason data up to June 2011 from the high transmission areas of Sudan (10 southern states which correspond to South Sudan) and low transmission areas (15 northern states which correspond to contemporary Sudan) are reported separately.

⁴ The indicator No. of ITN sold or delivered includes the number of ITNs re-treated or number of re-treatment kits distributed.

Annex 5 – Household Surveys, 2007-2011

WHO Region	Country/area	Year	Source	Subgroup	% HHs that have ≥ 1 ITN	% HHs with enough ITNs for individuals who slept in the house the previous night	% population with access to an ITN in their household	% existing ITNs in HH used the previous night	% population who slept under an ITN the previous night
African	Angola	2007	MIS 2007	Total	28	4	14	67	12
		2007	MIS 2007	Urban	29	4	15	63	11
		2007	MIS 2007	Rural	26	5	14	72	13
		2011	MIS 2011	Total	35	6	19	84	19
		2011	MIS 2011	Urban	39	7	22	81	19
		2011	MIS 2011	Rural	32	5	17	86	18
	Burkina Faso	2010	DHS 2010	Total	57	17	36	82	31
		2010	DHS 2010	Urban	60	24	40	76	31
		2010	DHS 2010	Rural	56	15	35	84	31
	Burundi	2010	DHS 2010	Total	52	22	39	74	37
		2010	DHS 2010	Urban	68	28	51	85	50
		2010	DHS 2010	Rural	50	21	38	72	35
	Democratic Republic of the Congo	2007	DHS 2007	Total	9	1	4	79	4
		2007	DHS 2007	Urban	12	2	6	83	6
		2007	DHS 2007	Rural	7	1	3	75	3
		2010	MICS 2010	Total	98	-	-	-	-
		2010	MICS 2010	Urban	99	-	-	-	-
		2010	MICS 2010	Rural	98	-	-	-	-
	Ethiopia	2011	DHS 2011	Total	-	-	-	-	-
		2011	DHS 2011	Urban	-	-	-	-	-
		2011	DHS 2011	Rural	-	-	-	-	-
	Ghana	2008	DHS 2008	Total	42	16	30	63	20
		2008	DHS 2008	Urban	35	14	26	54	14
		2008	DHS 2008	Rural	48	18	34	69	25
	Kenya	2009	DHS 2009	Total	56	27	42	77	35
		2009	DHS 2009	Urban	58	38	52	80	46
		2009	DHS 2009	Rural	55	23	40	76	32
	Liberia	2007	DHS 2007	Total	-	-	-	-	-
		2007	DHS 2007	Urban	-	-	-	-	-
		2007	DHS 2007	Rural	-	-	-	-	-
		2009	MIS 2009	Total	47	10	25	76	22
		2009	MIS 2009	Urban	42	9	22	79	19
		2009	MIS 2009	Rural	52	11	28	75	24
		2011	MIS 2011	Total	50	16	31	83	31
		2011	MIS 2011	Urban	52	18	34	82	33
		2011	MIS 2011	Rural	47	13	28	84	29
		2009	DHS 2009	Total	57	17	35	83	36
	Madagascar	2009	DHS 2009	Urban	60	25	43	86	42
		2009	DHS 2009	Rural	56	15	33	82	34
		2011	MIS 2011	Total	81	31	57	88	66
		2011	MIS 2011	Urban	87	43	67	89	70
		2011	MIS 2011	Rural	80	29	56	88	66
	Malawi	2010	DHS 2010	Total	57	19	38	65	28
		2010	DHS 2010	Urban	64	29	47	72	37
		2010	DHS 2010	Rural	55	17	36	63	27
	Mali	2010	DHS 2010	Total	86	31	62	88	55
		2010	DHS 2010	Urban	87	37	62	87	54
		2010	DHS 2010	Rural	86	29	61	88	55
	Mauritania	2007	MICS 2007	Total	10	-	-	-	-
		2007	MICS 2007	Urban	12	-	-	-	-
		2007	MICS 2007	Rural	9	-	-	-	-
	Mozambique	2008	MICS 2008	Total	-	-	-	-	-
		2008	MICS 2008	Urban	-	-	-	-	-
		2008	MICS 2008	Rural	-	-	-	-	-
	Namibia	2007	DHS 2007	Total	20	6	13	43	5
		2007	DHS 2007	Urban	10	4	7	52	3
		2007	DHS 2007	Rural	29	8	17	40	7
	Nigeria	2007	MICS 2007	Total	85	-	-	-	-
		2007	MICS 2007	Urban	83	-	-	-	-
		2007	MICS 2007	Rural	88	-	-	-	-
		2008	DHS 2008	Total	8	2	5	68	3
		2008	DHS 2008	Urban	9	2	5	64	3
		2008	DHS 2008	Rural	8	2	5	70	3
		2010	MIS 2010	Total	42	14	28	77	23
		2010	MIS 2010	Urban	33	11	23	66	16
		2010	MIS 2010	Rural	45	15	30	80	25
	Rwanda	2008	DHS 2008	Total	56	15	38	84	39
		2008	DHS 2008	Urban	65	24	49	84	45
		2008	DHS 2008	Rural	54	13	36	84	38
		2010	DHS 2010	Total	82	39	64	71	57
		2010	DHS 2010	Urban	84	50	71	74	62
		2010	DHS 2010	Rural	82	37	63	71	56
	Sao Tome and Principe	2009	DHS 2009	Total	61	31	51	82	46
		2009	DHS 2009	Urban	69	38	58	90	56
		2009	DHS 2009	Rural	52	25	43	71	34
	Senegal	2009	MIS 2009	Total	60	11	35	64	22
		2009	MIS 2009	Urban	50	10	29	71	22
		2009	MIS 2009	Rural	70	12	39	60	23
		2011	DHS 2011	Total	63	15	38	69	28
		2011	DHS 2011	Urban	52	12	30	74	25
		2011	DHS 2011	Rural	73	18	45	66	31
	Sierra Leone	2008	DHS 2008	Total	37	6	19	89	19
		2008	DHS 2008	Urban	36	6	19	84	17
		2008	DHS 2008	Rural	37	5	19	92	19
	Swaziland	2007	DHS 2007	Total	4	1	2	15	0
		2007	DHS 2007	Urban	3	2	2	28	1
		2007	DHS 2007	Rural	5	1	2	11	0
		2010	MICS 2010	Total	99	-	-	-	-
		2010	MICS 2010	Urban	95	-	-	-	-
		2010	MICS 2010	Rural	100	-	-	-	-

% children <5 years who slept under an ITN the previous night	% pregnant women who slept under an ITN the previous night	% HH sprayed by IRS within last 12 months	% HH with ≥ 1 ITN for 2 pers. and/or sprayed by IRS within last 12 months	% children age 6–59 mo with hemoglobin <8g/dL	% children (6–59 months) with positive microscopy test	% children <5 years with fever in last 2 weeks for whom advice or treatment was sought	% children <5 years with fever in last 2 weeks who received ACIs among those who received any antimalarial	% children <5 years with fever in the last 2 weeks who had a finger or heel stick	% women who received IPTp during ANC visits during their last pregnancy
17	22	2	6	3	-	53	10	-	2
16	15	4	7	2	-	66	8	-	2
19	26	1	6	4	-	41	12	-	2
26	26	-	-	3	10	59	77	-	19
29	28	-	-	2	1	71	81	-	33
24	24	-	-	3	14	54	72	-	12
47	44	1	18	26	66	66	25	5	39
45	38	2	25	15	30	74	31	8	41
47	46	1	16	28	73	64	23	5	39
44	49	0	22	3	-	66	69	27	0
62	64	2	29	2	-	72	44	48	0
43	48	0	22	3	-	66	70	26	0
6	7	-	-	11	-	62	2	-	7
8	9	-	-	8	-	68	5	-	9
4	5	-	-	13	-	59	0	-	6
-	-	-	-	-	-	44	-	18	26
-	-	-	-	-	-	39	-	33	28
-	-	-	-	-	-	46	-	13	25
-	-	-	-	5	-	27	-	-	-
-	-	-	-	5	-	42	-	-	-
-	-	-	-	6	-	25	-	-	-
38	27	-	-	19	-	71	50	-	47
32	17	-	-	13	-	82	59	-	51
42	34	-	-	23	-	64	43	-	44
46	48	-	-	-	-	64	33	-	17
61	51	-	-	-	-	63	51	-	20
43	47	-	-	-	-	64	28	-	17
-	-	-	-	-	-	80	15	-	-
-	-	-	-	-	-	85	13	-	-
-	-	-	-	-	-	78	16	-	-
26	32	-	-	5	33	80	45	-	48
23	28	-	-	6	23	82	36	-	51
27	34	-	-	5	40	78	52	-	47
36	39	12	26	8	28	77	70	33	51
39	38	8	25	8	17	81	60	38	44
34	39	16	27	8	35	74	76	30	56
45	46	-	-	3	-	49	6	-	7
55	50	-	-	3	-	65	14	-	7
44	45	-	-	2	-	47	5	-	7
75	70	41	62	1	7	44	19	6	20
79	73	12	51	2	1	56	27	9	29
75	70	44	64	1	7	43	19	6	20
39	35	-	-	9	-	74	82	-	55
47	43	-	-	7	-	73	80	-	56
37	34	-	-	9	-	74	82	-	55
70	-	-	-	-	38	-	-	-	-
66	-	-	-	-	5	-	-	-	-
71	-	-	-	-	45	-	-	-	-
-	-	-	-	-	-	48	7	-	-
-	-	-	-	-	-	57	11	-	-
-	-	-	-	-	-	40	4	-	-
-	-	-	-	-	-	68	-	-	53
-	-	-	-	-	-	73	-	-	67
-	-	-	-	-	-	66	-	-	47
10	9	-	-	-	-	63	-	-	12
7	6	-	-	-	-	64	-	-	7
12	11	-	-	-	-	61	-	-	15
95	-	-	-	-	-	64	6	-	3
93	-	-	-	-	-	58	6	-	3
97	-	-	-	-	-	78	6	-	6
5	5	-	-	-	-	72	7	-	7
7	5	-	-	-	-	77	10	-	10
5	5	-	-	-	-	70	6	-	5
29	34	1	15	-	42	84	12	6	15
22	16	1	12	-	23	86	21	5	22
31	39	1	16	-	48	84	9	6	13
56	60	-	-	2	-	46	90	-	18
61	63	-	-	2	-	50	84	-	22
55	60	-	-	2	-	46	91	-	17
69	72	-	-	1	1	52	95	21	-
74	78	-	-	2	0	66	92	40	-
68	70	-	-	1	1	50	95	18	-
56	56	-	-	3	-	74	34	-	65
66	69	-	-	2	-	65	23	-	70
46	42	-	-	3	-	82	60	-	59
29	29	-	-	17	-	52	50	-	57
29	26	-	-	13	-	61	43	-	55
29	31	-	-	20	-	46	57	-	57
34	36	11	24	14	3	54	41	10	40
31	32	9	20	10	2	62	48	10	46
36	38	12	28	16	4	45	32	9	37
25	27	-	-	10	-	57	23	-	13
29	22	-	-	8	-	72	16	-	16
24	30	-	-	11	-	52	27	-	12
1	1	-	-	3	-	72	-	-	-
1	1	-	-	3	-	73	-	-	-
0	1	-	-	3	-	72	-	-	-
-	-	-	-	-	-	55	24	14	1
-	-	-	-	-	-	56	-	14	1
-	-	-	-	-	-	54	24	14	2

Annex 5 – Household Surveys, 2007-2011 (continued)

WHO Region	Country/area	Year	Source	Subgroup	% HHs that have ≥ 1 ITN	% HHs with enough ITNs for individuals who slept in the house the previous night	% population with access to an ITN in their household	% existing ITNs in HH used the previous night	% population who slept under an ITN the previous night
African	Uganda	2009	MIS 2009	Total	47	15	32	79	25
		2009	MIS 2009	Urban	46	22	37	85	30
		2009	MIS 2009	Rural	47	14	31	78	24
		2011	DHS 2011	Total	60	26	45	75	34
		2011	DHS 2011	Urban	59	37	52	81	41
		2011	DHS 2011	Rural	60	24	44	74	33
	United Republic of Tanzania	2008	DHS 2008	Total	39	13	25	70	20
		2008	DHS 2008	Urban	59	27	45	84	41
		2008	DHS 2008	Rural	33	8	20	61	14
		2010	DHS 2010	Total	64	20	47	82	43
		2010	DHS 2010	Urban	65	28	51	87	47
		2010	DHS 2010	Rural	63	17	45	80	42
	Zambia	2007	DHS 2007	Total	53	16	34	61	22
		2007	DHS 2007	Urban	53	17	34	59	21
		2007	DHS 2007	Rural	54	16	34	62	23
	Zimbabwe	2009	MICS 2009	Total	87	-	-	-	-
		2009	MICS 2009	Urban	78	-	-	-	-
		2009	MICS 2009	Rural	91	-	-	-	-
		2011	DHS 2011	Total	29	12	20	39	8
		2011	DHS 2011	Urban	23	9	16	45	7
		2011	DHS 2011	Rural	32	13	22	37	9
Region of the Americas	Bolivia (Plurinational State of)	2008	DHS 2008	Total	-	-	-	-	-
		2008	DHS 2008	Urban	-	-	-	-	-
		2008	DHS 2008	Rural	-	-	-	-	-
	Colombia	2010	DHS 2010	Total	-	-	-	-	-
		2010	DHS 2010	Urban	-	-	-	-	-
		2010	DHS 2010	Rural	-	-	-	-	-
	Dominican Republic	2007	DHS 2007	Total	-	-	-	-	-
		2007	DHS 2007	Urban	-	-	-	-	-
		2007	DHS 2007	Rural	-	-	-	-	-
	Guyana	2009	DHS 2009	Total	26	18	22	88	21
		2009	DHS 2009	Urban	13	9	11	87	10
		2009	DHS 2009	Rural	31	22	27	89	25
	Peru	2008	DHS 2008	Total	-	-	-	-	-
		2008	DHS 2008	Urban	-	-	-	-	-
		2008	DHS 2008	Rural	-	-	-	-	-
Eastern Mediterranean	Pakistan	2007	DHS 2007	Total	-	-	-	-	-
		2007	DHS 2007	Urban	-	-	-	-	-
		2007	DHS 2007	Rural	-	-	-	-	-
	Bangladesh	2007	DHS 2007	Total	-	-	-	-	-
		2007	DHS 2007	Urban	-	-	-	-	-
		2007	DHS 2007	Rural	-	-	-	-	-
South-East Asia	Indonesia	2007	DHS 2007	Total	-	-	-	-	-
		2007	DHS 2007	Urban	-	-	-	-	-
		2007	DHS 2007	Rural	-	-	-	-	-
	Nepal	2011	DHS 2011	Total	-	-	-	-	-
		2011	DHS 2011	Urban	-	-	-	-	-
		2011	DHS 2011	Rural	-	-	-	-	-
	Timor-Leste	2010	DHS 2010	Total	41	10	26	92	29
		2010	DHS 2010	Urban	51	14	33	94	37
		2010	DHS 2010	Rural	38	9	23	91	26
	Cambodia	2010	DHS 2010	Total	-	-	-	-	-
		2010	DHS 2010	Urban	-	-	-	-	-
		2010	DHS 2010	Rural	-	-	-	-	-
Western Pacific	Philippines	2008	DHS 2008	Total	-	-	-	-	-
		2008	DHS 2008	Urban	-	-	-	-	-
		2008	DHS 2008	Rural	-	-	-	-	-

DHS = Demographic and Health Survey
MICS = Multiple Indicator Cluster Survey
MIS = Malaria Indicator Survey

% children <5 years who slept under an ITN the previous night	% pregnant women who slept under an ITN the previous night	% HH sprayed by IRS within last 12 months	% HH with ≥ 1 ITN for 2 pers. and/or sprayed by IRS within last 12 months	% children age 6–59 mo with hemoglobin <8g/dL	% children (6–59 months) with positive microscopy test	% children <5 years with fever in last 2 weeks for whom advice or treatment was sought	% children <5 years with fever in last 2 weeks who received ACTs among those who received any antimalarial	% children <5 years with fever in the last 2 weeks who had a finger or heel stick	% women who received IPTp during ANC visits during their last pregnancy
32	44	-	-	10	43	83	39	-	34
32	45	-	-	3	17	69	50	-	46
32	43	-	-	11	46	85	37	-	33
42	46	8	32	5	-	85	68	26	27
48	55	6	41	2	-	93	70	53	31
41	45	8	30	5	-	84	68	23	27
25	27	-	-	8	-	75	38	-	31
47	47	-	-	9	-	87	39	-	44
20	22	-	-	7	-	72	37	-	29
62	56	61	67	6	-	85	62	-	28
61	46	76	82	6	-	89	50	-	32
62	59	56	62	6	-	84	67	-	27
28	32	-	-	-	-	72	28	-	66
29	29	-	-	-	-	74	33	-	73
27	33	-	-	-	-	71	26	-	63
91	27	-	-	-	-	52	-	-	15
85	35	-	-	-	-	46	-	-	8
94	24	-	-	-	-	53	-	-	18
10	10	19	26	4	-	44	43	7	8
10	8	5	13	4	-	44	38	5	6
9	10	26	32	4	-	44	45	8	8
-	-	-	-	7	-	56	-	-	-
-	-	-	-	7	-	65	-	-	-
-	-	-	-	7	-	47	-	-	-
-	-	-	-	-	-	60	-	-	-
-	-	-	-	-	-	62	-	-	-
-	-	-	-	-	-	55	-	-	-
-	-	-	-	-	-	72	8	-	-
-	-	-	-	-	-	72	10	-	-
-	-	-	-	-	-	71	4	-	-
24	30	-	-	2	-	67	-	-	-
12	13	-	-	2	-	67	-	-	-
28	35	-	-	2	-	67	-	-	-
-	-	-	-	2	-	74	-	-	-
-	-	-	-	2	-	77	-	-	-
-	-	-	-	3	-	72	-	-	-
-	-	-	-	-	-	82	-	-	-
-	-	-	-	-	-	84	-	-	-
-	-	-	-	-	-	81	-	-	-
-	-	-	-	-	-	72	-	-	-
-	-	-	-	-	-	76	-	-	-
-	-	-	-	-	-	72	-	-	-
-	-	-	-	-	-	91	-	-	-
-	-	-	-	-	-	93	-	-	-
-	-	-	-	-	-	90	-	-	-
-	-	-	-	2	-	72	-	-	-
-	-	-	-	2	-	81	-	-	-
-	-	-	-	2	-	70	-	-	-
41	41	-	-	1	-	73	6	-	-
50	49	-	-	1	-	78	1	-	-
38	38	-	-	1	-	71	9	-	-
-	-	-	-	3	-	83	-	-	-
-	-	-	-	1	-	87	-	-	-
-	-	-	-	3	-	82	-	-	-
-	-	-	-	-	-	49	-	-	-
-	-	-	-	-	-	53	-	-	-
-	-	-	-	-	-	46	-	-	-

Annex 6A – Reported malaria cases and deaths, 2011, and estimated cases and deaths, 2010

WHO Region	Country/area	Population				Reported malaria cases				
		UN population	At risk (low + high)	At risk (high)	Number of people living in active foci	Suspected malaria cases	Presumed and confirmed malaria cases	Malaria case definition	Mic. slides/ RDTs performed	Mic. slides/ RDTs positive
African	Algeria	35 980 193	2 518 614	0	N/A	23 948	12 165	P+C	11 974	191
	Angola	19 618 432	19 618 432	19 618 432	N/A	3 501 953	2 534 549	S	2 599 686	1 632 282
	Benin	9 099 922	9 099 922	9 099 922	N/A	1 424 335	1 283 183	S	564 120	422 968
	Botswana	2 030 738	1 319 980	365 533	N/A	1 141	1 141	P+C	167	432
	Burkina Faso	16 967 845	16 967 845	16 967 845	N/A	5 024 697	4 730 228	S	722 582	428 113
	Burundi	8 575 172	6 688 634	2 058 041	N/A	3 298 979	1 829 644	S	3 041 209	1 571 874
	Cameroon	20 030 362	20 030 362	14 221 557	N/A	1 829 266	598 492	S	1 230 774	–
	Cape Verde	500 585	130 152	0	N/A	26 508	36	P+C	26 508	36
	Central African Republic	4 486 837	4 486 837	4 486 837	N/A	221 980	221 980	S	–	–
	Chad	11 525 496	11 410 241	9 220 397	N/A	528 454	528 454	S	114 122	181 126
	Comoros	753 943	753 943	708 706	N/A	83 443	24 856	S	83 443	24 856
	Congo	4 139 748	4 139 748	4 139 748	N/A	277 263	233 633	S	114 678	71 048
	Côte d'Ivoire	20 152 894	20 152 894	20 152 894	N/A	2 588 004	2 568 152	S	49 828	29 976
	Democratic Republic of the Congo	67 757 577	67 757 577	65 724 850	N/A	9 442 144	6 865 504	S	7 138 621	4 561 981
	Equatorial Guinea	720 213	720 213	720 213	N/A	37 267	33 830	S	25 903	22 466
	Eritrea	5 415 280	5 415 280	3 844 849	N/A	97 479	39 567	P+C	92 760	34 848
	Ethiopia	84 734 262	56 771 956	847 343	N/A	5 487 972	3 549 559	P+C	3 418 719	1 480 306
	Gabon	1 534 262	1 534 262	1 534 262	N/A	–	–	S	–	–
	Gambia	1 776 103	1 776 103	1 776 103	N/A	261 967	261 967	S	172 241	261 967
	Ghana	24 965 816	24 965 816	24 965 816	N/A	4 154 261	3 240 791	S	1 954 730	1 041 260
	Guinea	10 221 808	10 221 808	10 221 808	N/A	1 189 016	1 101 975	S	182 615	95 574
	Guinea-Bissau	1 547 061	1 547 061	1 547 061	N/A	197 229	71 982	S	197 229	71 982
	Kenya	41 609 728	31 623 393	14 979 502	N/A	11 120 812	9 114 566	S	3 009 051	1 002 805
	Liberia	4 128 572	4 128 572	4 128 572	N/A	2 480 748	2 074 391	S	2 322 119	1 915 762
	Madagascar	21 315 135	21 315 135	6 394 541	N/A	774 385	224 498	S	774 385	224 498
	Malawi	15 380 888	15 380 888	15 380 888	N/A	5 338 701	5 338 701	S	700 704	304 499
	Mali	15 839 538	15 839 538	14 255 584	N/A	1 961 070	1 293 547	S	974 558	307 035
	Mauritania	3 541 540	3 187 386	2 089 509	N/A	154 003	145 186	S	11 743	2 926
	Mozambique	23 929 708	23 929 708	23 929 708	N/A	5 471 573	1 756 874	S	5 471 573	1 756 874
	Namibia	2 324 004	1 673 283	1 557 083	N/A	74 407	14 406	P+C	61 861	1 860
	Niger	16 068 994	16 068 994	11 087 606	N/A	3 157 482	2 677 186	S	1 261 172	780 876
	Nigeria	162 470 737	162 470 737	162 470 737	N/A	4 306 945	3 392 234	S	914 711	–
	Rwanda	10 942 950	10 942 950	10 942 950	N/A	1 602 271	208 858	P+C	1 602 271	208 858
	Sao Tome and Principe	168 526	168 526	168 526	N/A	6 504	6 504	P+C	117 279	8 442
	Senegal	12 767 556	12 767 556	12 256 854	N/A	–	–	S	–	–
	Sierra Leone	5 997 486	5 997 486	5 997 486	N/A	933 274	638 859	S	933 274	638 859
	South Africa	50 459 978	5 045 998	2 018 399	N/A	382 434	9 866	P+C	382 434	9 866
	Swaziland	1 203 330	336 932	0	N/A	2 471	797	P+C	2 223	549
	Togo	6 154 813	6 154 813	6 154 813	N/A	893 588	519 450	S	893 588	519 450
	Uganda	34 509 205	34 509 205	31 058 285	N/A	12 173 358	11 824 484	S	580 747	231 873
	United Republic of Tanzania									
	Mainland	45 043 077	45 043 077	32 881 446	N/A	10 160 478	5 477 469	S	6 829 281	2 146 272
	Zanzibar	1 402 987	1 402 987	1 402 987	N/A	455 718	4 489	S	455 718	4 489
	Zambia	13 474 959	13 474 959	13 474 959	N/A	4 607 908	4 607 908	S	–	–
	Zimbabwe	12 754 378	6 377 189	6 377 189	N/A	480 011	319 935	P+C	480 011	319 935
Region of the Americas	Argentina	40 764 561	203 823	0	N/A	7 872	18	C	7 872	18
	Belize	317 928	219 370	0	N/A	22 996	79	C	22 996	79
	Bolivia (Plurinational State of)	10 088 108	3 561 102	484 229	N/A	150 662	7 143	C	150 662	7 143
	Brazil	196 655 014	39 920 968	4 523 065	N/A	2 568 081	267 045	C	2 568 081	267 045
	Colombia	46 927 125	10 558 603	6 945 215	N/A	418 159	64 309	C	418 032	64 436
	Costa Rica	4 726 575	1 654 301	47 266	N/A	10 690	17	C	10 690	17
	Dominican Republic	10 056 181	8 608 091	432 416	N/A	421 405	1 616	C	421 405	1 616
	Ecuador	14 666 055	8 872 963	219 991	N/A	460 785	1 233	C	460 785	1 233
	El Salvador	6 227 491	1 264 181	0	N/A	100 883	15	C	100 883	15
	French Guiana, France	237 080	237 080	202 703	N/A	14 429	1 209	C	14 429	1 209
	Guatemala	14 757 316	6 714 579	2 213 597	N/A	195 080	6 817	C	195 080	6 817
	Guyana	756 040	703 117	264 614	N/A	201 693	29 471	C	201 693	29 471
	Haiti	10 123 787	10 123 787	5 365 607	N/A	135 136	32 048	C	135 136	32 048
	Honduras	7 754 687	5 645 412	1 085 656	N/A	155 785	7 615	C	155 785	7 615
	Mexico	114 793 341	4 132 560	344 380	N/A	1 035 424	1 124	C	1 035 424	1 124
	Nicaragua	5 869 859	2 946 669	76 308	N/A	540 404	925	C	540 404	925
	Panama	3 571 185	2 699 816	157 132	N/A	116 588	354	C	116 588	354
	Paraguay	6 568 290	236 458	0	N/A	48 611	10	C	48 611	10
	Peru	29 399 817	4 703 971	1 322 992	N/A	22 878	22 878	C	–	22 878
	Suriname	529 419	83 119	83 119	N/A	15 315	795	C	15 270	750
	Venezuela (Bolivarian Republic of)	29 436 891	5 534 136	765 359	N/A	382 303	45 824	C	382 303	45 824

Reported malaria cases				Inpatient malaria cases and deaths		Estimate, 2010							
<i>P. falciparum</i>	<i>P. vivax</i>	Imported cases	Cases at community level	Inpatient malaria cases	Malaria attributed deaths	Method used to calculate ¹		Cases			Deaths		
						Cases	Deaths	Lower	Point	Upper	Lower	Point	Upper
179	12	187	–	–	–	(1)	(1)	0	18	58	–	0	–
–	–	–	–	168 715	6 909	(2)	(2)	2 800 155	3 883 688	5 113 045	5 747	12 155	19 920
68 745	0	–	362 529	60 383	1 753	(2)	(2)	1 545 390	2 568 794	3 629 725	6 637	9 177	11 435
432	–	–	–	262	8	(1)	(1)	1 983	3 913	8 602	6	18	40
–	–	–	1 033 226	333 827	7 001	(2)	(2)	2 829 562	5 416 849	8 160 019	23 489	31 423	39 141
–	–	–	8 179	120 481	2 233	(2)	(2)	556 077	830 785	1 110 503	483	973	3 009
–	–	–	70 662	429 721	3 808	(2)	(2)	3 270 436	4 847 854	6 541 792	8 850	15 426	20 640
36	0	–	–	30	4	(1)	(1)	39	140	381	0	1	2
–	–	–	–	39 161	858	(2)	(2)	916 161	1 519 282	2 147 988	5 518	7 456	9 221
–	–	–	–	40 240	1 220	(2)	(2)	2 362 835	4 181 465	6 103 051	14 073	19 302	24 525
21 387	334	–	0	15 313	19	(2)	(2)	112 432	166 793	221 524	187	266	417
–	–	–	–	37 117	892	(2)	(2)	878 217	1 372 183	1 901 405	2 377	3 742	4 790
–	–	–	–	144 278	1 389	(2)	(2)	4 366 221	6 938 453	9 632 575	16 253	22 799	28 400
–	–	–	65 404	835 376	23 748	(2)	(2)	10 610 840	18 041 180	25 983 840	56 654	78 560	100 200
20 601	–	–	–	4 488	52	(2)	(2)	135 267	223 228	314 914	362	553	726
10 263	4 932	–	30 367	5 315	12	(1)	(1)	55 747	88 466	126 791	120	283	505
814 547	665 813	–	–	59 297	936	(2)	(2)	3 448 671	5 269 894	7 048 344	1 288	3 297	14 922
–	–	–	–	–	–	(2)	(2)	202 948	348 509	499 693	311	589	770
–	–	–	6 053	10 947	440	(2)	(2)	314 896	493 863	685 309	990	1 437	1 804
593 518	0	–	53 680	273 880	3 259	(2)	(2)	4 195 914	6 527 901	9 002 752	9 137	12 575	15 979
5 450	–	–	–	30 717	743	(2)	(2)	2 248 858	3 840 853	5 538 043	10 701	14 357	18 020
–	–	–	–	19 547	472	(2)	(2)	232 297	408 973	595 868	1 234	1 642	2 063
1 002 805	–	–	–	20 101	713	(2)	(2)	2 232 710	3 454 057	4 656 424	943	2 074	7 157
577 641	–	–	7 583	–	–	(2)	(2)	703 317	1 115 674	1 554 227	2 487	3 416	4 312
–	–	–	–	6 695	398	(1)	(1)	449 949	758 161	1 149 458	1 402	3 404	6 348
–	–	–	–	135 556	6 674	(2)	(2)	2 249 857	4 004 127	5 856 906	5 926	7 571	10 459
–	–	–	–	551 154	2 128	(2)	(2)	2 175 585	3 678 809	5 305 813	14 362	21 192	26 695
–	–	–	–	9 113	77	(2)	(2)	417 645	613 083	819 887	402	757	1 702
–	–	–	–	79 456	3 086	(2)	(2)	4 445 213	7 471 146	10 626 710	22 052	29 197	36 626
335	0	–	0	984	36	(1)	(1)	2 256	2 996	3 893	6	13	22
67 159	–	–	1 243 617	189 449	2 802	(2)	(2)	2 033 489	3 953 276	6 018 352	11 972	15 496	20 315
–	–	–	–	427 388	3 353	(2)	(2)	31 584 290	50 557 680	70 485 660	139 940	207 701	261 220
208 858	–	–	137 850	7 237	380	(2)	(2)	406 514	588 866	766 745	182	447	1 885
6 363	4	–	0	1 825	19	(2)	(2)	16 334	21 511	26 719	23	48	80
–	–	–	–	–	–	(2)	(2)	1 838 347	3 019 814	4 249 259	4 050	5 520	7 111
25 511	–	–	501 629	71 020	3 573	(2)	(2)	1 045 421	1 763 689	2 511 793	7 484	10 399	13 119
326	14	–	–	791	54	(1)	(1)	9 332	17 435	38 053	30	79	181
130	0	–	0	177	8	(1)	(1)	283	391	536	1	2	3
237 282	0	–	–	26 437	1 314	(2)	(2)	880 998	1 432 394	2 004 012	2 725	3 816	4 805
–	–	–	–	475 922	5 958	(2)	(2)	5 111 502	9 666 701	14 485 460	13 288	17 431	25 723
–	–	–	–	–	–	(2)	(2)	5 885 216	10 170 590	14 660 130	11 659	15 183	21 490
–	–	–	–	511 254	11 799	(2)	(2)	–	–	–	–	–	–
475	0	–	–	2 252	7	(2)	(2)	–	–	–	–	–	–
–	–	–	–	191 559	4 540	(2)	(2)	1 989 172	3 303 826	4 694 007	6 783	8 821	11 479
0	–	–	0	10 004	451	(1)	(1)	1 114 302	1 720 767	2 554 427	3 306	7 746	14 014
–	18	–	–	–	0	(1)	(1)	76	85	91	0	0	0
1	78	–	0	1	0	(1)	(1)	273	642	1 064	0	0	0
214	5 877	–	–	0	0	(1)	(1)	14 609	19 897	40 191	2	4	9
32 007	231 618	–	0	4 893	70	(1)	(1)	373 782	431 794	488 117	103	198	301
14 650	44 701	–	–	541	18	(1)	(1)	133 714	190 355	251 555	76	166	276
4	13	–	0	0	0	(1)	(1)	118	132	142	0	0	0
1 614	2	–	–	–	10	(1)	(1)	3 800	4 728	5 762	7	14	23
296	937	–	–	0	1	(1)	(1)	1 985	2 222	2 398	0	1	1
3	12	–	15	2	0	(1)	(1)	25	28	30	0	0	0
154	339	–	–	94	2	–	–	1 721	2 651	6 929	1	2	5
107	6 707	–	3 614	0	0	(1)	(1)	7 688	11 843	28 316	0	0	0
15 945	9 066	–	33 516	385	3	(1)	(1)	34 978	45 637	57 636	42	87	145
32 048	0	–	0	798	3	(1)	(1)	96 538	189 471	333 090	208	568	1 194
581	7 010	–	–	–	2	(1)	(1)	14 982	21 165	28 037	3	6	11
0	1 124	–	0	0	0	(1)	(1)	1 288	1 443	1 555	0	0	0
150	775	–	0	–	0	(1)	(1)	1 035	1 298	1 581	0	1	1
1	353	–	0	13	–	(1)	(1)	437	492	530	0	0	0
6	3	–	0	9	0	(1)	(1)	28	32	34	0	0	0
2 596	20 282	–	–	–	0	(1)	(1)	56 710	77 746	105 684	15	42	90
310	382	–	78	6	1	(1)	(1)	583	795	1 502	0	1	2
9 724	34 651	–	–	–	3	(1)	(1)	35 935	58 900	130 136	9	28	72

Annex 6A – Reported malaria cases and deaths, 2011, and estimated cases and deaths, 2010 (continued)

WHO Region	Country/area	Population				Reported malaria cases				
		UN population	At risk (low + high)	At risk (high)	Number of people living in active foci	Suspected malaria cases	Presumed and confirmed malaria cases	Malaria case definition	Mic. slides/ RDTs performed	Mic. slides/ RDTs positive
Eastern Mediterranean	Afghanistan	32 358 260	24 867 323	9 917 807	N/A	936 252	482 748	P+C	531 053	77 549
	Djibouti	905 564	452 782	0	N/A	–	624	P+C	124	–
	Iran (Islamic Republic of)	74 798 599	N/A	N/A	999 401	–	3 239	C	530 470	3 239
	Iraq	32 664 942	N/A	N/A	0	–	11	C	2 097 732	11
	Pakistan	176 745 364	174 977 910	26 511 805	N/A	9 374 714	334 589	P+C	4 687 357	334 589
	Saudi Arabia	28 082 541	N/A	N/A	–	–	2 788	C	1 062 827	2 788
	Somalia	9 556 873	9 556 873	6 689 811	N/A	99 403	41 167	P+C	61 587	3 351
	South Sudan ²	10 314 020	10 314 020	10 314 020	N/A	–	795 784	S	–	112 024
	Sudan ³	34 318 390	34 318 390	28 484 264	N/A	–	1 246 833	P+C	–	506 806
	Yemen	24 799 880	16 298 481	10 740 828	N/A	804 940	142 147	P+C	753 203	90 410
European	Azerbaijan	9 306 023	N/A	N/A	253 726	449 168	8	C	449 168	8
	Georgia	4 329 026	N/A	N/A	45 000	2 032	6	C	2 032	6
	Kyrgyzstan	5 392 580	N/A	N/A	22 900	27 850	5	C	27 850	5
	Tajikistan	6 976 958	N/A	N/A	2 786 615	173 367	78	C	173 367	78
	Turkey	73 639 596	N/A	N/A	0	421 295	128	C	421 295	128
	Uzbekistan	27 760 267	N/A	N/A	0	886 243	1	C	886 243	1
South-East Asia	Bangladesh	150 493 658	15 591 143	4 003 131	N/A	390 102	51 773	P+C	390 102	51 773
	Bhutan	738 267	546 318	95 975	N/A	44 494	207	P+C	44 481	194
	Democratic People's Republic of Korea	24 451 285	N/A	N/A	15 180 529	26 513	16 760	P+C	26 513	16 760
	India	1 241 491 960	1 104 927 844	273 128 231	N/A	108 851 847	1 310 367	C	108 851 847	1 310 367
	Indonesia	242 325 638	147 818 639	41 195 358	N/A	2 027 949	1 322 451	P+C	962 090	256 592
	Myanmar	48 336 763	29 002 058	17 884 602	N/A	1 210 465	567 452	P+C	1 108 307	465 294
	Nepal	30 485 798	25 486 127	1 127 975	N/A	188 702	71 752	P+C	120 364	3 414
	Sri Lanka	21 045 394	N/A	N/A	1 503 461	985 060	175	C	985 060	175
	Thailand	69 518 555	34 759 278	5 561 484	N/A	1 450 885	24 897	C	1 450 885	24 897
	Timor-Leste	1 153 834	1 153 834	888 452	N/A	225 772	36 064	P+C	209 447	19 739
Western Pacific	Cambodia	14 305 183	7 581 747	6 294 281	N/A	216 712	57 423	P+C	216 712	57 423
	China	1 347 565 324	563 574 114	191 908	N/A	9 190 401	4 498	P+C	9 189 270	3 367
	Lao People's Democratic Republic	6 288 037	3 709 942	2 263 693	N/A	291 490	17 904	P+C	291 421	17 835
	Malaysia	28 859 154	N/A	N/A	1 185 947	1 600 439	5 306	C	1 600 439	5 306
	Papua New Guinea	7 013 829	7 013 829	6 592 999	N/A	1 151 343	1 025 082	S	207 189	80 928
	Philippines	94 852 030	75 676 146	6 804 602	N/A	327 060	9 552	C	327 060	9 552
	Republic of Korea	48 391 343	N/A	N/A	3 667 782	838	838	C	–	838
	Solomon Islands	552 267	546 744	546 744	N/A	254 506	80 859	P+C	200 304	26 657
	Vanuatu	245 619	243 163	243 163	N/A	32 656	5 764	P+C	31 712	4 820
	Viet Nam	88 791 996	33 290 996	15 588 193	N/A	3 312 266	45 588	P+C	3 283 290	16 612

	UN Population	At risk (low + high)	At risk (high)	Number of people living in active foci	Suspected malaria cases	Presumed and confirmed malaria cases	Mic. slides/ RDTs performed	Mic. slides/ RDTs positive
African	854 022 638	725 866 991	591 229 839	0	106 235 447	79 381 896	49 520 612	22 319 014
Region of the Americas	554 226 750	118 624 106	24 533 649	0	7 025 179	490 545	7 002 129	490 627
Eastern Mediterranean	424 544 433	270 785 779	92 658 534	999 401	11 215 309	3 049 930	9 724 353	1 130 767
European	127 404 450	–	–	3 108 241	1 959 955	226	1 959 955	226
South-East Asia	1 830 041 152	1 359 285 241	343 885 209	16 683 990	115 401 789	3 401 898	114 149 096	2 149 205
Western Pacific	1 636 864 782	691 636 681	38 525 584	4 853 729	16 377 711	1 252 814	15 347 397	223 338
Total	5 427 104 205	3 166 198 798	1 090 832 816	25 645 361	258 215 390	87 577 309	197 703 542	26 313 177

C=Confirmed P=Probable S=Suspected

¹ Method 1 for cases: Adjusted data reported by countries

Method 2 for cases: Modeled relationship between malaria transmission, case incidence and intervention coverage

Method 1 for deaths: Fixed case fatality rate applied to case estimates

Method 2 for deaths: Modeled relationship between malaria transmission, malaria mortality and intervention coverage

See *World Malaria Report 2011* for more details of methods used

² South Sudan became a separate State on 9 July 2011 and a Member State of WHO on 27 September 2011. South Sudan and Sudan have distinct epidemiological profiles comprising high transmission and low transmission areas respectively. For this reason data up to June 2011 from the high transmission areas of Sudan (10 southern states which correspond to South Sudan) and low transmission areas (15 northern states which correspond to contemporary Sudan) are reported separately

³ Estimates for Sudan in 2010 include only the 15 northern states now known as Sudan and the 10 southern states now South Sudan

Reported malaria cases				Inpatient malaria cases and deaths		Estimate, 2010							
<i>P. falciparum</i>	<i>P. vivax</i>	Imported cases	Cases at community level	Inpatient malaria cases	Malaria attributed deaths	Method used to calculate ¹		Cases			Deaths		
						Cases	Deaths	Lower	Point	Upper	Lower	Point	Upper
5 581	71 968	–	0	5 144	40	(1)	(1)	155 613	607 576	1 802 067	29	162	557
–	–	–	0	0	0	(1)	(1)	5 908	13 072	41 596	12	39	133
463	2 668	1 529	–	–	–	(1)	(1)	1 936	2 174	2 340	0	1	1
3	7	11	–	–	0	(1)	(1)	0	0	0	0	0	0
–	–	–	–	–	4	(1)	(1)	1 204 786	1 781 052	2 624 223	684	1 586	2 894
1 045	1 719	2 719	–	–	2	(1)	(1)	30	34	37	0	0	0
–	–	–	–	8 613	5	(1)	(2)	275 227	833 331	2 540 208	1 200	2 390	4 901
112 024	–	–	677 869	–	406	–	–	–	–	–	–	–	–
–	–	–	–	95 271	612	(1)	(2)	3 078 737	6 532 060	12 814 280	4 324	9 350	27 665
59 689	478	–	–	1 474	75	(1)	(1)	161 998	590 299	1 525 486	372	1 741	4 693
2	6	4	–	–	–	(1)	(1)	53	59	63	0	0	0
3	3	5	–	–	–	(1)	(1)	0	0	0	0	0	0
1	4	5	–	–	–	(1)	(1)	3	4	4	0	0	0
5	73	13	–	–	–	(1)	(1)	117	131	141	0	0	0
97	30	127	–	–	–	(1)	(1)	9	11	11	0	0	0
1	0	1	–	–	–	(1)	(1)	3	4	4	0	0	0
17 543	2 579	–	45 703	3 095	36	(1)	(1)	436 150	589 954	785 045	621	1 327	2 181
87	92	–	0	101	1	(1)	(1)	557	757	1 434	0	1	2
0	16 760	1 127	–	–	–	(1)	(1)	27 991	31 379	33 801	0	0	0
667 324	645 299	–	–	–	753	(1)	(1)	18 610 460	24 161 690	34 266 940	19 753	29 401	43 665
125 412	113 664	–	0	–	388	(1)	(1)	3 933 523	5 453 703	7 699 682	4 028	8 631	15 156
59 604	28 966	–	–	33 732	581	(1)	(1)	1 214 599	1 525 002	1 954 688	1 644	3 244	5 345
219	1 631	1 126	0	540	2	(1)	(1)	13 844	19 230	25 618	7	14	24
12	158	51	–	–	–	(1)	(1)	764	2 221	6 205	0	0	1
5 710	8 608	–	–	4 343	43	(1)	(1)	38 801	140 844	367 554	39	175	517
14 261	3 758	–	–	1 011	16	(1)	(1)	91 933	116 664	142 924	122	251	410
7 054	5 155	–	139 894	10 744	94	(1)	(1)	151 252	191 319	248 503	188	381	642
1 370	1 907	–	–	–	33	(1)	(1)	6 590	12 253	21 447	3	10	20
5 770	442	–	–	846	17	(1)	(1)	47 944	69 005	96 968	93	202	359
973	2 422	1 142	–	–	–	(1)	(1)	8 869	16 223	28 446	6	16	35
59 153	9 654	–	–	17 065	431	(1)	(1)	886 448	1 230 604	1 610 706	1 391	3 038	5 138
6 877	2 380	–	31	1 127	12	(1)	(1)	38 414	58 976	82 451	60	143	253
56	782	64	–	–	–	(1)	(1)	2 342	4 346	7 604	0	0	0
14 454	8 665	–	–	1 545	19	(1)	(1)	55 413	65 015	75 727	66	127	194
770	1 224	–	1 499	74	1	(1)	(1)	19 001	25 584	33 745	16	33	56
10 101	5 602	–	31 459	10 265	14	(1)	(1)	22 006	25 200	28 470	29	56	87

<i>P. falciparum</i>	<i>P. vivax</i>	Imported cases	Cases at community level	Inpatient malaria cases	Malaria attributed deaths
3 662 043	671 109	187	3 520 779	5 347 469	103 126
110 414	363 948	0	37 223	6 742	113
178 805	76 840	4 259	677 869	110 502	1 144
109	116	155	–	–	0
890 172	821 515	2 304	45 703	42 822	1 820
106 578	38 233	1 206	172 883	41 666	621
4 948 121	1 971 761	8 111	4 454 457	5 549 201	106 824

Estimated cases			Estimated deaths		
Lower	Point	Upper	Lower	Point	Upper
109 930 000	174 288 000	242 158 000	428 700	596 300	772 400
904 000	1 061 000	1 254 000	700	1 100	1 800
6 443 000	10 360 000	16 602 000	7 200	15 300	23 500
200	200	200	0	0	0
25 919 000	32 041 000	41 866 000	31 100	43 000	60 300
1 348 000	1 699 000	2 096 000	2 400	4 000	6 100
154 000 000	219 000 000	289 000 000	490 000	660 000	836 000

Annex 6B – Estimated cases and deaths by region, 2000-2010

Cases	2000	2001	2002	2003	2004
Africa	175 000 000	179 000 000	183 000 000	188 000 000	190 000 000
Americas	2 200 000	1 700 000	1 600 000	1 500 000	1 500 000
Eastern Mediterranean	10 000 000	9 200 000	9 100 000	10 400 000	7 700 000
Europe	38 000	28 000	24 000	19 000	11 000
South-East Asia	32 700 000	32 000 000	29 700 000	30 500 000	31 600 000
Western Pacific	2900000	2500000	2300000	2500000	2900000
World	223 000 000	225 000 000	226 000 000	233 000 000	234 000 000
Lower bound	158 000 000	157 000 000	159 000 000	163 000 000	163 000 000
Upper bound	291 000 000	294 000 000	297 000 000	305 000 000	310 000 000

Deaths	2000	2001	2002	2003	2004
Africa	682 000	705 000	726 000	740 000	748 000
Americas	2 100	1 900	1 300	1 400	1 500
Eastern Mediterranean	17 000	17 000	18 000	17 000	15 000
Europe	–	–	–	–	–
South-East Asia	46 000	41 000	37 000	36 000	38 000
Western Pacific	7200	6100	5400	6000	6700
World	754 000	771 000	788 000	800 000	810 000
Lower bound	561 000	570 000	583 000	595 000	603 000
Upper bound	955 000	978 000	1 001 000	1 019 000	1 029 000

2005	2006	2007	2008	2009	2010	Lower	Upper
191 000 000	189 000 000	187 000 000	182 000 000	179 000 000	174 000 000	110 000 000	242 000 000
1 700 000	1 400 000	1 200 000	900 000	1 000 000	1 100 000	900 000	1 300 000
7 900 000	8 000 000	9 800 000	10 500 000	10 800 000	10 400 000	6 400 000	16 600 000
6 000	3 000	1 000	1 000	–	–	–	–
35 900 000	29 000 000	28 400 000	29 100 000	29 000 000	32 000 000	25 900 000	41 900 000
2400000	2500000	2000000	1700000	1900000	1700000	1 300 000	2 100 000
239 000 000	230 000 000	229 000 000	224 000 000	221 000 000	219 000 000		
167 000 000	159 000 000	158 000 000	156 000 000	154 000 000	154 000 000		
316 000 000	305 000 000	302 000 000	297 000 000	291 000 000	289 000 000		

2005	2006	2007	2008	2009	2010	Lower	Upper
740 000	727 000	701 000	654 000	630 000	596 000	451 000	813 000
1 700	1 500	1 200	1 000	1 200	1 100	700	2 000
16 000	15 000	16 000	15 000	15 000	15 000	7 000	24 000
–	–	–	–	–	–	–	–
38 000	32 000	33 000	37 000	39 000	43 000	29 000	54 000
5000	5300	4500	4000	4400	4000	2 600	6 800
800 000	781 000	755 000	711 000	690 000	660 000		
597 000	582 000	564 000	528 000	511 000	490 000		
1 015 000	990 000	956 000	901 000	873 000	836 000		

Annex 6C – Reported malaria cases by method of confirmation, 1990-2011

WHO Region	Country/area		1990	1991	1992	1993	1994	1995	1996	1997
African	Algeria	Presumed and confirmed	152	229	106	84	206	107	221	197
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Angola	Presumed and confirmed	243 673	1 143 701	782 988	722 981	667 376	156 603	–	893 232
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Benin	Presumed and confirmed	92 870	118 796	290 868	403 327	546 827	579 300	623 396	670 857
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Botswana	Presumed and confirmed	10 750	14 364	4 995	55 331	29 591	17 599	80 004	101 887
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Burkina Faso	Presumed and confirmed	496 513	448 917	420 186	502 275	472 355	501 020	582 658	672 752
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Burundi	Presumed and confirmed	92 870	568 938	773 539	828 429	831 481	932 794	974 226	670 857
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Cameroon	Presumed and confirmed	869 048	787 796	664 413	478 693	189 066	784 321	931 311	787 796
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Cape Verde	Presumed and confirmed	69	80	38	44	21	127	77	20
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Central African Republic	Presumed and confirmed	174 436	125 038	89 930	82 072	82 057	100 962	95 259	99 718
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Chad	Presumed and confirmed	212 554	246 410	229 444	234 869	278 225	293 564	278 048	343 186
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Comoros	Presumed and confirmed	–	–	–	12 012	13 860	15 707	15 509	–
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Congo	Presumed and confirmed	32 428	32 391	21 121	15 504	35 957	28 008	14 000	9 491
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Côte d'Ivoire	Presumed and confirmed	511 916	466 895	553 875	421 043	–	755 812	1 109 011	983 089
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Democratic Republic of the Congo	Presumed and confirmed	–	–	–	–	–	–	198 064	–
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Equatorial Guinea	Presumed and confirmed	25 552	22 598	25 100	17 867	14 827	12 530	–	–
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Eritrea	Presumed and confirmed	–	–	–	–	–	81 183	129 908	–
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Ethiopia	Presumed and confirmed	–	–	206 262	305 616	358 469	412 609	478 411	509 804
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–

1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
–	701	27 733	26 411	18 803	17 059	16 686	18 392	13 869	14 745	11 964	15 635	12 224	12 165
–	–	27 733	26 411	18 803	17 059	16 686	18 392	13 869	14 745	11 964	15 635	12 224	11 974
–	–	541	435	307	427	163	299	117	288	196	94	408	191
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	506	427	299	421	160	297	116	261	192	90	396	187
1 169 028	1 471 993	2 080 348	1 249 767	1 862 662	3 246 258	2 489 170	2 329 316	2 283 097	2 295 136	2 151 072	2 221 076	2 783 619	2 534 549
–	–	–	–	–	–	–	–	–	1 458 123	2 118 053	2 172 036	1 947 349	1 765 933
–	–	–	–	–	–	–	889 572	1 029 198	1 295 535	1 106 534	1 120 410	1 324 264	1 147 473
–	–	–	–	–	–	–	–	106 801	506 756	541 291	906 916	639 476	833 753
–	–	–	–	–	–	–	–	53 200	237 950	271 458	453 012	358 606	484 809
–	–	–	–	–	–	–	–	–	–	–	–	–	–
650 025	709 348	–	717 290	782 818	819 256	853 034	803 462	861 847	1 171 522	1 147 005	1 256 708	1 432 095	1 283 183
–	–	–	–	–	–	–	–	–	0	0	0	–	88 134
–	–	–	–	–	–	–	–	–	0	0	534 590	–	68 745
–	–	–	–	–	–	–	–	–	0	0	–	–	475 986
–	–	–	–	–	–	–	–	–	0	0	355 007	–	354 223
–	–	–	–	–	–	–	–	–	–	–	–	–	–
59 696	72 640	71 555	48 281	28 907	23 657	22 404	11 242	23 514	16 983	17 886	14 878	12 196	1 141
–	–	–	–	–	–	–	–	–	14 200	23 253	17 553	–	–
–	–	8 056	4 716	1 588	1 830	3 453	530	2 548	381	914	951	1 046	432
–	–	–	–	–	–	–	–	–	113	941	1 053	–	–
–	–	–	–	–	–	–	–	–	9	13	73	–	432
–	–	–	–	–	–	–	–	–	–	–	–	–	–
721 480	867 866	–	322 581	1 156 074	1 411 928	1 512 026	1 563 768	1 983 085	2 404 759	3 688 338	4 399 837	5 409 156	4 730 228
–	–	–	30 006	32 796	31 256	52 874	73 262	122 047	127 120	138 414	137 632	177 879	272 301
–	–	–	–	–	–	18 256	21 335	44 265	44 246	36 514	59 420	88 540	83 857
–	–	–	–	–	–	–	–	–	–	–	182 658	940 985	450 281
–	–	–	–	–	–	–	–	–	–	–	123 107	715 999	344 256
–	–	–	–	–	–	–	–	–	–	–	–	–	–
687 301	1 936 584	3 076 538	3 149 338	2 423 268	1 996 275	1 505 270	1 757 589	1 771 257	1 363 360	1 334 939	1 764 343	2 919 866	1 829 644
–	–	484 249	508 558	530 019	600 369	608 017	903 942	1 034 519	1 411 407	1 161 153	1 537 768	2 825 558	2 859 720
–	–	308 095	312 015	327 138	353 459	363 395	327 464	649 756	860 606	690 748	893 314	1 599 908	1 485 332
–	–	–	–	–	–	–	–	251 925	406 738	330 915	472 341	273 324	181 489
–	–	–	–	–	–	–	–	141 975	241 038	185 993	292 308	163 539	86 542
–	–	–	–	–	–	–	–	–	–	–	–	–	–
664 413	–	–	–	–	–	–	277 413	634 507	604 153	1 650 749	1 883 199	1 845 691	598 492
–	–	–	–	–	–	–	–	–	–	–	–	–	1 110 308
–	–	–	–	–	–	–	–	–	313 083	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	120 466
–	–	–	–	–	–	–	–	–	–	–	–	–	–
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41	29	144	107	18	68	45	68	80	18	35	65	47	36
–	–	6 843	7 141	8 022	6 001	9 833	7 902	6 979	7 402	7 033	–	–	–
–	–	144	107	18	68	45	68	80	18	35	65	47	–
–	–	–	–	–	–	–	–	1 750	1 500	2 000	21 913	–	26 508
–	–	–	–	–	–	–	–	–	–	–	–	–	36
–	–	15	7	76	20	13	14	17	16	19	–	29	–
105 664	127 964	89 614	140 742	–	78 094	129 367	131 856	114 403	119 477	152 260	175 210	66 484	221 980
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395 205	392 815	431 836	446 289	516 248	496 546	480 957	496 075	233 614	502 236	462 573	474 257	345 015	528 454
–	–	45 283	43 180	44 689	54 381	1 525	37 439	62 895	64 884	64 171	74 791	89 749	–
–	–	40 078	38 287	43 933	45 195	1 360	31 668	45 155	48 288	47 757	–	75 342	86 348
–	–	–	–	–	–	–	–	–	–	–	–	309 927	114 122
–	–	–	–	–	–	–	–	–	–	–	–	125 106	94 778
–	–	–	–	–	–	–	–	–	–	–	–	–	–
3 844	9 793	–	–	–	–	43 918	29 554	54 830	53 511	46 426	49 679	47 364	24 856
–	–	–	–	–	–	–	–	–	–	–	13 387	87 595	63 217
–	–	–	–	–	–	12 874	6 086	20 559	–	–	5 982	35 199	22 278
–	–	–	–	–	–	–	–	–	–	–	–	5 249	20 226
–	–	–	–	–	–	–	–	–	–	–	–	1 339	2 578
–	–	–	–	–	–	–	–	–	–	–	–	–	–
17 122	–	–	–	–	–	–	–	157 757	103 213	117 291	92 855	–	233 633
–	–	–	–	–	–	–	–	–	163 924	203 869	203 160	–	114 678
–	–	–	–	–	–	–	–	–	103 213	117 291	92 855	–	71 048
–	–	–	–	–	–	–	–	–	–	–	–	–	–
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–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	1 193 288	1 109 751	1 136 810	1 275 138	1 280 914	1 253 408	1 277 670	1 327 520	1 820 000	1 721 461	2 568 152
–	–	–	–	–	–	–	–	–	–	19 661	34 755	–	49 828
–	–	–	–	–	–	–	–	–	–	3 527	7 388	62 726	29 976
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
141 353	1 508 042	961 762	2 197 534	2 638 199	4 384 256	4 130 878	6 332 048	5 006 230	3 277 830	3 938 597	6 749 112	7 937 162	6 865 504
–	–	3 758	3 244	3 704	4 820	5 320	5 531	4 779	1 181 323	2 613 038	2 956 592	3 678 849	4 226 533
–	–	897	1 531	1 735	2 438	2 684	2 971	2 050	740 615	1 618 091	1 873 816	2 374 930	2 700 818
–	–	–	–	–	–	–	–	–	2 275	428	12 436	54 728	2 912 088
–	–	–	–	–	–	–	–	–	243	127	4 889	42 850	1 861 163
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	15 828	62 312	78 983	72 551	33 830
–	–	–	–	–	–	–	–	–	10 752	11 815	15 960	42 585	23 004
–	–	–	–	–	–	–	–	–	5 842	7 883	11 603	39 636	20 601
–	–	–	–	–	–	–	–	–	655	2 572	3 773	16 772	2 899
–	–	–	–	–	–	–	–	–	445	1 620	2 581	14 177	1 865
–	–	–	–	–	–	–	–	–	–	–	–	–	–
255 150	147 062	–	125 746	74 861	65 517	27 783	24 192	10 148	19 568	10 572	21 298	53 750	39 567
–	–	–	22 637	52 228	52 428	41 361	48 937	46 096	68 905	54 075	68 407	79 024	67 190
–	–	–	9 716	6 078	10 346	4 119	9 073	6 541	9 528	4 364	6 633	13 894	15 308
–	–	–	–	–	–	–	–	–	7 520	6 566	0	0	25 570
–	–	–	–	–	–	–	–	–	6 037	4 400	5 126	22 088	19 540
–	–	–	–	–	–	–	–	–	–	–	–	–	–
604 960	647 919	–	2 555 314	2 929 685	3 582 097	5 170 614	3 901 957	3 038 565	2 557 152	2 532 645	3 043 203	4 068 764	3 549 559
–	–	–	851 942	1 115 167	1 010 925	1 312 422	1 364 194	785 209	739 627	986 323	2 065 237	2 509 544	3 418 719
–	–	–	392 377	427 795	463 797	578 904	538 942	447 780	451 816	458 561	927 992	1 158 197	1 480 306
–	–	–	0	0	0	0	–	–	–	–	262 877	–	–
–	–	–	–	–	–	–	–	–	–	–	108 324	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–

Annex 6C – Reported malaria cases by method of confirmation, 1990-2011 (continued)

WHO Region	Country/area		1990	1991	1992	1993	1994	1995	1996	1997
African	Gabon	Presumed and confirmed	57 450	80 247	100 629	70 928	82 245	54 849	74 310	57 450
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Gambia	Presumed and confirmed	222 538	215 414	188 035	–	299 824	135 909	266 189	325 555
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Ghana	Presumed and confirmed	1 438 713	1 372 771	1 446 947	1 697 109	1 672 709	1 928 316	2 189 860	2 227 762
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Guinea	Presumed and confirmed	21 762	17 718	–	–	607 560	600 317	772 731	802 210
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Guinea-Bissau	Presumed and confirmed	81 835	64 123	56 073	158 748	–	197 386	6 457	10 632
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Kenya	Presumed and confirmed	–	–	–	–	6 103 447	4 343 190	3 777 022	–
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Liberia	Presumed and confirmed	–	–	–	–	–	–	239 998	826 151
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Madagascar	Presumed and confirmed	–	–	–	–	–	196 358	–	–
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Malawi	Presumed and confirmed	3 870 904	–	–	4 686 201	4 736 974	–	6 183 290	2 761 269
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Mali	Presumed and confirmed	248 904	282 256	280 562	295 737	263 100	95 357	29 818	384 907
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Mauritania	Presumed and confirmed	26 903	42 112	45 687	43 892	156 080	214 478	181 204	189 571
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Mozambique	Presumed and confirmed	–	–	–	–	–	–	12 794	–
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Namibia	Presumed and confirmed	–	–	–	380 530	401 519	275 442	345 177	390 601
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Niger	Presumed and confirmed	1 162 824	808 968	865 976	726 666	806 204	778 175	1 162 824	978 855
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Nigeria	Presumed and confirmed	1 116 992	909 656	1 219 348	981 943	1 175 004	1 133 926	1 149 435	1 148 542
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Rwanda	Presumed and confirmed	1 282 012	1 331 494	1 373 247	733 203	371 550	1 391 931	1 145 759	1 331 494
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Sao Tome and Principe	Presumed and confirmed	–	–	–	–	–	51 938	47 074	47 757
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–

1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
80 247	–	127 024	132 918	157 440	166 321	170 182	176 610	33 458	93 529	77 278	112 840	159 313	–
–	–	–	–	–	–	100 107	129 513	136 916	142 406	151 137	1 623	30 299	–
–	–	50 810	53 167	62 976	58 212	70 075	70 644	33 458	45 186	40 701	660	8 276	–
–	–	–	–	–	–	–	–	–	–	–	–	2 059	–
–	–	–	–	–	–	–	–	–	–	–	–	290	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	127 899	–	481 590	620 767	540 165	395 043	329 426	427 598	439 798	508 846	479 409	116 353	261 967
–	–	–	–	–	–	–	–	–	–	–	–	290 842	172 241
–	–	–	–	–	–	–	–	–	–	39 164	50 378	52 245	71 588
–	–	–	–	–	–	–	–	–	–	–	–	123 564	–
–	–	–	–	–	–	–	–	–	–	–	–	64 108	190 379
–	–	–	–	–	–	–	–	–	–	–	–	–	–
1 745 214	2 895 079	3 349 528	3 044 844	3 140 893	3 552 896	3 416 033	3 452 969	3 511 452	3 123 147	3 050 513	1 899 544	2 642 221	3 240 791
–	–	–	–	–	–	–	–	–	0	1 100 238	2 431 048	2 031 674	1 172 838
–	–	–	–	–	–	475 441	655 093	472 255	476 484	956 359	962 599	1 029 384	624 756
–	–	–	–	–	–	–	–	–	–	143 879	468 449	247 278	781 892
–	–	–	–	–	–	–	–	–	–	138 124	141 771	42 253	416 504
–	–	–	–	–	–	–	–	–	–	–	–	–	–
817 949	807 895	816 539	851 877	850 147	731 911	876 837	850 309	834 835	888 643	657 003	812 471	1 092 554	1 101 975
–	–	–	–	–	–	–	–	–	–	–	–	–	43 549
–	–	4 800	6 238	16 561	107 925	103 069	50 452	41 228	28 646	33 405	20 932	–	5 450
–	–	–	–	–	–	–	–	16 554	21 150	–	20 866	–	139 066
–	–	–	–	–	–	–	–	12 999	15 872	–	14 909	–	90 124
–	–	–	–	–	–	–	–	–	–	–	–	–	–
2 113	197 454	246 316	202 379	194 976	162 344	187 910	166 431	128 978	120 105	128 758	143 011	85 280	71 982
–	–	–	–	–	–	–	33 721	34 862	34 384	31 083	25 379	48 799	57 698
–	–	–	–	–	–	–	14 659	15 120	14 284	11 299	11 757	30 239	21 320
–	–	–	–	–	–	–	–	–	–	–	25 000	56 455	139 531
–	–	–	–	–	–	–	–	–	–	–	–	20 152	50 662
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80 718	122 792	4 216 531	3 262 931	3 295 805	5 280 498	7 513 874	9 181 224	8 926 058	9 610 691	839 904	8 123 689	4 585 712	9 114 566
–	–	–	–	43 643	96 893	59 995	–	–	–	–	–	2 384 402	3 009 051
–	–	–	–	20 049	39 383	28 328	–	–	–	839 904	–	898 531	1 002 805
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777 754	–	–	–	–	–	–	44 875	886 543	553 774	606 952	871 560	2 263 973	2 074 391
–	–	–	–	–	–	–	8 718	165 095	123 939	238 752	327 392	335 973	728 443
–	–	–	–	–	–	–	5 025	115 677	80 373	157 920	212 657	212 927	577 641
–	–	–	–	–	–	–	57 325	880 952	508 987	635 855	676 569	998 043	1 593 676
–	–	–	–	–	–	–	39 850	645 738	411 899	449 032	626 924	709 246	1 338 121
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	1 141 474	1 367 854	1 361 475	1 576 439	2 167 873	1 426 872	1 198 195	1 063 934	578 175	116 538	215 110	202 450	224 498
–	–	31 575	33 354	27 752	37 333	39 174	37 943	29 318	30 921	30 566	23 963	24 393	34 813
–	–	6 946	8 538	5 272	6 909	7 638	6 753	5 689	4 823	4 096	2 720	2 173	3 447
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	175 595	299 000	610 035	604 114	739 572
–	–	–	–	–	–	–	–	–	43 674	89 138	212 390	200 277	221 051
–	–	–	–	–	–	–	–	–	–	–	–	–	–
2 985 659	4 193 145	3 646 212	3 823 796	2 784 001	3 358 960	2 871 098	3 688 389	4 498 949	4 786 045	5 185 082	6 183 816	6 851 108	5 338 701
–	–	–	–	–	–	–	–	–	–	–	–	–	119 996
–	–	–	–	–	–	–	–	–	–	–	–	–	50 526
–	–	–	–	–	–	–	–	–	–	–	–	–	580 708
–	–	–	–	–	–	–	–	–	–	–	–	–	253 973
–	–	–	–	–	–	–	–	–	–	–	–	–	–
12 234	530 197	546 634	612 896	723 077	809 428	1 969 214	962 706	1 022 592	1 291 853	1 045 424	1 633 423	1 018 846	1 293 547
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	1 380 178	974 558
–	–	–	–	–	–	–	–	–	–	–	–	227 482	307 035
–	–	–	–	–	–	–	–	–	–	–	–	–	–
168 131	253 513	–	243 942	224 614	318 120	224 840	223 472	158 073	222 476	199 791	167 705	238 565	145 186
–	–	–	–	–	–	–	–	31 013	–	835	3 717	5 449	3 752
–	–	–	–	–	–	–	–	1 061	–	–	603	909	1 130
–	–	–	–	–	–	–	–	–	–	268	4 338	2 299	7 991
–	–	–	–	–	–	–	–	–	–	34	337	1 085	1 796
–	–	–	–	–	–	–	–	–	–	–	–	–	–
194 024	2 336 640	–	–	–	–	–	–	–	6 155 082	4 831 491	4 310 086	1 522 577	1 756 874
–	–	–	–	–	–	–	–	–	–	–	–	1 950 933	2 504 720
–	–	–	–	–	–	–	–	–	141 663	120 259	93 874	644 568	1 093 742
–	–	–	–	–	–	–	–	–	–	–	–	2 287 536	2 966 853
–	–	–	–	–	–	–	–	–	–	–	–	878 009	663 132
–	–	–	–	–	–	–	–	–	–	–	–	–	–
353 110	429 571	–	538 512	445 803	468 259	610 799	339 204	265 595	172 024	132 130	87 402	25 889	14 406
–	–	–	–	–	–	–	–	–	–	24 361	16 059	14 522	13 262
–	–	–	41 636	23 984	20 295	36 043	23 339	27 690	4 242	1 092	505	556	335
–	–	–	–	–	–	–	–	–	–	0	0	0	48 599
–	–	–	–	–	–	–	–	–	–	0	0	0	1 525
–	–	–	–	–	–	–	–	–	–	–	–	–	–
872 925	815 895	–	1 340 142	888 345	681 783	754 934	745 428	790 817	249 027	496 858	309 675	620 058	2 677 186
–	–	–	–	–	–	81 814	107 092	87 103	1 308 896	2 229 812	2 358 156	165 514	130 658
–	–	–	–	–	56 460	76 030	46 170	55 628	–	62 243	79 066	49 285	68 529
–	–	–	–	–	–	–	21 230	12 567	1 308 896	530 910	312 802	7 426 774	1 130 514
–	–	–	–	–	–	–	9 873	3 956	193 399	434 615	230 609	570 773	712 347
–	–	–	–	–	–	–	–	–	–	–	–	–	–
2 122 663	1 965 486	2 476 608	2 253 519	2 605 381	2 608 479	3 310 229	3 532 108	3 982 372	2 969 950	2 834 174	4 295 686	3 873 463	3 392 234
–	–	–	150	380	–	–	–	–	–	143 079	335 201	523 513	672 185
–	–	–	–	–	–	–	–	–	–	–	–	45 924	242 526
–	–	–	–	–	–	–	–	–	–	–	144 644	27 674	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
1 279 581	906 552	–	1 003 793	1 073 546	1 217 405	1 303 494	1 654 246	1 429 072	946 569	772 197	1 247 583	638 669	208 858
–	–	–	748 806	951 797	1 071 519	1 201 811	1 438 603	1 523 892	1 754 196	1 640 106	2 637 468	2 708 973	1 602 271
–	–	–	423 493	506 028	553 150	589 315	683 769	573 686	382 686	316 242	698 745	638 669	208 858
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
46 026	37 026	32 149	44 034	50 953	47 830	53 991	22 370	7 293	2 421	6 258	6 182	3 346	6 504
–	–	66 076	83 045	93 882	81 372	97 836	68 819	58 672	49 298	38 583	59 228	48 366	83 355
–	–	31 975	42 086	50 586	42 656	46 486	18 139	5 146	2 421	1 647	3 798	2 233	6 373
–	–	–	–	–	–	–	–	–	–	140 478	60 649	9 989	33 924
–	–	–	–	–	–	–	–	–	–	4 611	2 384	507	2 069
–	–	–	–	–	–	–	–	–	–	–	–	–	–

Annex 6C – Reported malaria cases by method of confirmation, 1990-2011 (continued)

WHO Region	Country/area		1990	1991	1992	1993	1994	1995	1996	1997
African	Senegal	Presumed and confirmed	–	–	–	–	450 071	628 773	–	861 276
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Sierra Leone	Presumed and confirmed	–	–	–	–	–	–	7 192	209 312
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	South Africa	Presumed and confirmed	6 822	4 693	2 872	13 285	10 289	8 750	27 035	23 121
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Swaziland	Presumed and confirmed	–	–	–	–	–	–	38 875	23 754
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Togo	Presumed and confirmed	810 509	780 825	634 166	561 328	328 488	–	352 334	366 672
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Uganda	Presumed and confirmed	–	–	2 446 659	1 470 662	2 191 277	1 431 068	–	2 317 840
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	United Republic of Tanzania	Presumed and confirmed	10 715 736	8 715 736	7 681 524	8 777 340	7 976 590	2 438 040	4 969 273	1 131 655
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Mainland	Presumed and confirmed	–	–	–	–	–	–	–	–
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Zanzibar	Presumed and confirmed	–	–	–	–	–	–	–	–
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Zambia	Presumed and confirmed	1 933 696	2 340 994	2 953 692	3 514 000	3 514 000	2 742 118	3 215 866	–
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Zimbabwe	Presumed and confirmed	662 613	581 168	420 137	877 734	324 188	761 791	1 696 192	1 849 383
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
Region of the Americas	Argentina	Presumed and confirmed	1 660	803	643	758	948	1 065	2 048	592
		Microscopy examined	22 625	16 844	13 619	11 389	14 070	12 986	12 833	9 684
		Confirmed with microscopy	1 660	803	643	758	948	1 065	2 048	592
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Bahamas	Presumed and confirmed	4	3	2	2	0	3	0	8
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	4	3	2	2	0	3	0	8
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	4	3	2	2	0	3	0	8
	Belize	Presumed and confirmed	3 033	3 317	5 341	8 586	10 411	9 413	6 605	4 014
		Microscopy examined	17 204	25 281	24 135	47 742	50 740	37 266	35 113	26 598
		Confirmed with microscopy	3 033	3 317	5 341	8 586	10 411	9 413	6 605	4 014
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Bolivia (Plurinational State of)	Presumed and confirmed	19 680	19 031	24 486	27 475	34 749	46 911	64 012	51 478
		Microscopy examined	121 743	125 509	125 414	125 721	128 580	152 748	161 077	141 804
		Confirmed with microscopy	19 680	19 031	24 486	27 475	34 749	46 911	64 012	51 478
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Brazil	Presumed and confirmed	560 396	614 431	609 860	483 367	564 406	565 727	455 194	405 051
		Microscopy examined	3 294 234	3 283 016	2 955 196	2 551 704	2 671 953	2 582 017	2 159 551	1 869 382
		Confirmed with microscopy	560 396	614 431	609 860	483 367	564 406	565 727	455 194	405 051
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Colombia	Presumed and confirmed	99 489	184 156	184 023	129 377	127 218	187 082	135 923	180 898
		Microscopy examined	496 087	740 938	736 426	656 632	572 924	667 473	461 137	583 309
		Confirmed with microscopy	99 489	184 156	184 023	129 377	127 218	187 082	135 923	180 898
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–

1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
948 823	1 145 112	1 123 377	931 682	960 478	1 414 383	1 195 402	1 346 158	1 555 310	1 002 918	443 828	222 232	–	–
–	–	–	–	–	–	–	–	–	195 487	48 324	43 026	–	–
–	–	44 959	14 261	15 261	28 272	23 171	38 746	49 366	78 278	24 830	19 614	–	–
–	–	–	–	–	–	–	–	–	90 161	487 188	485 548	–	–
–	–	–	–	–	–	–	–	–	40 054	217 096	146 319	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
249 744	409 670	460 881	445 047	500 227	516 634	352 859	224 584	148 625	653 987	851 478	646 808	934 028	638 859
–	–	–	4 985	10 605	12 298	4 985	10 605	12 298	–	471 600	770 463	718 473	46 280
–	–	–	2 206	3 702	3 945	2 206	3 702	3 945	–	154 459	273 149	218 473	25 511
–	–	–	–	–	–	–	–	3 452	–	235 800	544 336	1 609 455	886 994
–	–	–	–	–	–	–	–	1 106	987	154 459	373 659	715 555	613 348
–	–	–	–	–	–	–	–	–	–	–	–	–	–
26 445	51 444	64 624	26 506	15 649	13 459	13 399	7 755	14 456	6 327	7 796	6 117	8 060	9 866
–	–	–	–	–	–	–	–	–	–	–	–	15 900	178 387
–	–	–	26 506	15 649	13 459	13 399	7 755	12 098	6 327	7 796	6 072	3 787	5 986
–	–	–	–	–	–	–	–	–	–	–	–	276 669	204 040
–	–	–	–	–	–	–	–	–	–	–	–	4 273	3 880
–	–	–	–	–	–	–	–	–	–	–	3 313	4 185	–
4 410	30 420	29 374	12 854	10 129	7 203	5 140	6 066	7 807	6 338	5 881	6 624	1 722	797
–	–	–	24 123	13 997	12 564	6 754	4 587	3 985	0	0	0	0	0
–	–	–	1 395	670	342	574	279	155	84	58	106	87	130
–	–	–	–	–	–	–	–	–	–	–	1	767	2 223
–	–	–	–	–	–	–	–	–	–	–	1	181	419
–	–	–	–	–	–	–	–	–	–	–	–	–	–
368 472	412 619	–	498 826	583 872	490 256	516 942	437 662	566 450	516 640	602 908	618 842	617 101	519 450
–	–	–	–	–	–	–	–	–	231 860	321 171	420 053	478 354	502 977
–	–	–	–	–	–	–	–	–	117 720	152 724	192 966	224 087	237 305
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	188 225	318 895	314 250	575 245	390 611
–	–	–	–	–	–	–	–	–	103 390	192 138	198 372	393 014	282 145
–	–	–	–	–	–	–	–	–	–	–	–	–	–
2 845 811	3 070 800	3 552 859	5 624 032	6 993 533	8 892 642	9 736 328	8 864 473	8 797 632	10 675 641	10 184 961	9 775 318	11 084 045	11 824 484
–	–	–	–	1 100 374	1 566 474	1 859 780	2 107 011	2 238 155	2 348 373	2 397 037	3 612 418	3 705 284	385 928
–	–	–	–	557 159	801 784	879 032	1 104 310	867 398	1 045 378	979 298	1 301 337	1 581 160	134 726
–	–	–	–	–	–	–	–	–	–	–	–	64 607	194 819
–	–	–	–	–	–	–	–	–	–	–	–	37 987	97 147
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	423 967	17 734	342 969	340 478	9 059 437	8 872 075	6 211 753	8 358 110	5 769 646	3 816 868	12 755 332	10 524 480	5 481 958
–	–	53 533	53 804	123 352	4 350 487	5 579 910	8 037 619	4 167 063	4 661 982	3 887 346	60 691	3 637 659	5 656 907
–	–	17 734	38 537	42 468	1 976 614	2 502 382	2 764 049	1 928 296	1 845 917	77	211	1 277 024	1 813 179
–	–	–	–	–	–	–	–	–	–	173 311	121 248	136 123	1 628 092
–	–	–	–	–	–	–	–	–	–	4 508	3 031	1 974	337 582
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	324 584	323 495	9 043 732	8 860 139	6 204 125	8 356 525	5 769 353	3 812 283	12 752 090	10 522 142	5 477 469
–	–	–	–	71 384	4 296 588	5 528 934	7 993 977	4 136 387	4 638 471	3 830 767	–	3 573 710	5 513 619
–	–	–	20 152	25 485	1 960 909	2 490 446	2 756 421	1 926 711	1 845 624	–	–	1 276 660	1 812 704
–	–	–	–	–	–	–	–	–	–	–	–	–	1 315 662
–	–	–	–	–	–	–	–	–	–	–	–	–	333 568
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	17 734	18 385	16 983	15 705	11 936	7 628	1 585	293	4 585	3 242	2 338	4 489
–	–	53 533	53 804	51 968	53 899	50 976	43 642	30 676	23 511	56 579	60 691	63 949	143 288
–	–	17 734	18 385	16 983	15 705	11 936	7 628	1 585	293	77	211	364	475
–	–	–	–	–	–	–	–	–	–	173 311	121 248	136 123	312 430
–	–	–	–	–	–	–	–	–	–	4 508	3 031	1 974	4 014
–	–	–	–	–	–	–	–	–	–	–	–	–	–
3 399 630	3 385 616	3 337 796	3 838 402	3 760 335	4 346 172	4 078 234	4 121 356	4 731 338	4 248 295	3 080 301	2 976 395	4 229 839	4 607 908
–	–	–	–	–	–	–	–	–	0	0	0	–	–
–	–	–	–	–	–	–	–	–	0	0	0	–	–
–	–	–	–	–	–	–	–	–	0	0	0	–	–
–	–	–	–	–	–	–	–	–	0	0	0	–	–
–	–	–	–	–	–	–	–	–	0	0	0	–	–
1 719 960	1 804 479	–	–	–	–	1 815 470	1 494 518	1 313 458	1 154 519	1 003 846	736 897	648 965	319 935
–	–	–	–	–	–	215 576	253 280	219 344	234 730	59 132	122 133	0	10 004
–	–	–	–	–	–	33 980	37 908	39 404	116 518	16 394	57 014	0	0
–	–	–	–	–	–	–	–	–	–	59 132	122 133	513 032	470 007
–	–	–	–	–	–	–	–	–	–	16 394	57 014	249 379	319 935
–	–	–	–	–	–	–	–	–	–	–	–	–	–
339	222	440	215	125	122	115	252	212	387	106	86	72	18
9 341	8 524	7 949	6 685	5 043	3 977	3 018	3 018	6 353	6 353	5 157	–	2 547	7 872
339	222	440	215	125	122	115	252	212	387	106	86	72	18
–	–	–	–	–	–	–	–	–	–	–	–	–	–
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–	–	–	–	–	–	–	–	–	–	–	–	–	–
21	30	2	4	1	3	2	1	49	6	14	0	1	0
–	–	22	–	–	34	17	9	546	–	35	–	27 272	–
21	30	2	4	1	3	2	1	49	6	14	–	1	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
14	21	2	4	1	3	2	1	30	5	2	–	1	–
2 614	1 855	1 486	1 162	1 134	1 084	1 066	1 549	844	845	538	256	150	79
27 000	19 395	18 559	18 173	15 480	15 480	17 358	25 119	25 755	22 134	25 550	26 051	27 366	22 996
2 614	1 855	1 486	1 162	1 134	1 084	1 066	1 549	844	845	538	256	150	79
–	–	–	–	–	–	–	–	–	–	–	–	–	0
–	–	–	–	–	–	–	–	–	–	–	–	–	0
–	–	–	–	–	–	–	–	–	–	–	–	–	–
73 913	50 037	31 469	15 765	14 276	20 343	14 910	21 442	19 725	14 610	9 748	9 743	13 769	7 143
176 023	159 618	143 990	122 933	137 509	158 299	163 307	208 021	214 616	180 316	164 826	133 614	133 463	143 272
73 913	50 037	31 469	15 765	14 276	20 343	14 910	20 142	18 995	14 610	9 748	9 234	12 252	6 108
–	–	–	–	–	–	5 000	6 000	6 000	1 500	5 000	981	7 394	7 390
–	–	–	–	–	–	–	1 300	730	–	–	509	1 517	1 035
–	–	–	–	–	–	–	–	–	–	6	–	–	–
469 982	609 594	613 241	388 303	348 259	408 886	465 004	606 067	549 469	458 652	315 746	309 316	334 618	267 045
2 089 175	2 435 451	2 562 576	2 274 610	2 118 491	2 009 414	2 194 780	2 660 539	2 959 489	2 986 381	2 726 433	2 620 787	2 713 459	2 568 081
469 982	609 594	613 241	388 303	348 259	408 886	465 004	606 067	549 469	458 652	315 746	309 316	334 618	267 045
–	–	–	–	–	–	–	–	–	0	0	90 275	–	0
–	–	–	–	–	–	–	–	–	–	–	–	–	0
–	–	–	–	–	–	–	–	–	–	–	–	–	–
190 553	66 845	144 432	231 233	204 916	180 956	142 241	121 629	120 096	128 462	80 559	79 347	117 650	64 309
–	268 355	478 820	747 079	686 635	640 453	562 681	493 562	451 240	564 755	470 381	428 004	521 342	396 861
190 553	66 845	144 432	231 233	204 916	180 956	142 241	121 629	120 096	125 262	79 230	79 252	117 637	60 121
–	–	–	–	–	–	–	–	–	25 000	22 754	8 362	–	21 171
–	–	–	–	–	–	–	–	–	3 200	1			

Annex 6C – Reported malaria cases by method of confirmation, 1990-2011 (continued)

WHO Region	Country/area		1990	1991	1992	1993	1994	1995	1996	1997	
Region of the Americas	Costa Rica	Presumed and confirmed	1 151	3 273	6 951	5 033	4 445	4 515	5 480	4 712	
		Microscopy examined	130 530	130 530	149 198	140 435	143 721	143 408	148 161	155 925	
		Confirmed with microscopy	1 151	3 273	6 951	5 033	4 445	4 515	5 480	4 712	
		RDT Examined	—	—	—	—	—	—	—	—	
		Confirmed with RDT	—	—	—	—	—	—	—	—	
		Imported cases	—	—	—	—	—	—	—	—	
	Dominican Republic	Presumed and confirmed	356	377	698	987	1 670	1 808	1 414	816	
		Microscopy examined	297 599	343 491	299 549	290 073	316 182	380 143	436 473	446 874	
		Confirmed with microscopy	356	377	698	987	1 670	1 808	1 414	816	
		RDT Examined	—	—	—	—	—	—	—	—	
		Confirmed with RDT	—	—	—	—	—	—	—	—	
		Imported cases	—	—	—	—	—	—	—	—	
	Ecuador	Presumed and confirmed	71 670	59 400	41 089	46 859	30 006	18 128	11 914	16 365	
		Microscopy examined	363 080	346 465	377 321	419 590	301 546	253 714	162 128	174 692	
		Confirmed with microscopy	71 670	59 400	41 089	46 859	30 006	18 128	11 914	16 365	
		RDT Examined	—	—	—	—	—	—	—	—	
		Confirmed with RDT	—	—	—	—	—	—	—	—	
		Imported cases	—	—	—	—	—	—	—	—	
	El Salvador	Presumed and confirmed	9 269	5 933	4 539	3 887	2 807	3 362	5 888	2 719	
		Microscopy examined	230 246	190 540	202 446	172 624	139 587	169 267	164 491	166 895	
		Confirmed with microscopy	9 269	5 933	4 539	3 887	2 807	3 362	5 888	2 719	
		RDT Examined	—	—	—	—	—	—	—	—	
		Confirmed with RDT	—	—	—	—	—	—	—	—	
		Imported cases	—	—	—	—	—	—	—	—	
	French Guiana, France	Presumed and confirmed	5 909	3 573	4 072	3 974	4 241	4 711	4 724	3 195	
		Microscopy examined	49 192	55 242	56 925	49 993	48 242	52 521	46 780	42 631	
		Confirmed with microscopy	5 909	3 573	4 072	3 974	4 241	4 711	4 724	3 195	
		RDT Examined	—	—	—	—	—	—	—	—	
		Confirmed with RDT	—	—	—	—	—	—	—	—	
		Imported cases	—	—	—	—	—	—	—	—	
	Guatemala	Presumed and confirmed	41 711	57 829	57 560	41 868	22 057	24 178	20 268	32 099	
		Microscopy examined	305 791	361 743	396 171	276 343	133 611	135 095	97 586	140 113	
		Confirmed with microscopy	41 711	57 829	57 560	41 868	22 057	24 178	20 268	32 099	
		RDT Examined	—	—	—	—	—	—	—	—	
		Confirmed with RDT	—	—	—	—	—	—	—	—	
		Imported cases	—	—	—	—	—	—	—	—	
	Guyana	Presumed and confirmed	22 681	42 204	39 702	33 172	39 566	59 311	34 075	32 103	
		Microscopy examined	135 260	141 046	159 108	172 469	168 127	291 370	262 526	229 710	
		Confirmed with microscopy	22 681	42 204	39 702	33 172	39 566	59 311	34 075	32 103	
		RDT Examined	—	—	—	—	—	—	—	—	
		Confirmed with RDT	—	—	—	—	—	—	—	—	
		Imported cases	—	—	—	—	—	—	—	—	
	Haiti	Presumed and confirmed	4 806	25 511	13 457	853	23 140	—	18 877	5 870	
		Microscopy examined	13 743	81 763	37 957	10 045	54 973	—	69 853	35 132	
		Confirmed with microscopy	4 806	25 511	13 457	853	23 140	—	18 877	5 870	
		RDT Examined	—	—	—	—	—	—	—	—	
		Confirmed with RDT	—	—	—	—	—	—	—	—	
		Imported cases	—	—	—	—	—	—	—	—	
	Honduras	Presumed and confirmed	53 099	73 352	70 838	51 977	61 736	74 346	91 799	67 870	
		Microscopy examined	418 513	468 811	471 950	372 180	361 776	373 364	305 167	310 815	
		Confirmed with microscopy	53 099	73 352	70 838	51 977	61 736	74 346	91 799	67 870	
		RDT Examined	—	—	—	—	—	—	—	—	
		Confirmed with RDT	—	—	—	—	—	—	—	—	
		Imported cases	—	—	—	—	—	—	—	—	
	Jamaica	Presumed and confirmed	0	3	6	6	3	5	14	4	
		Microscopy examined	281	—	—	—	—	—	—	206	110
		Confirmed with microscopy	0	3	6	6	3	5	14	4	
		RDT Examined	—	—	—	—	—	—	—	—	—
		Confirmed with RDT	—	—	—	—	—	—	—	—	—
		Imported cases	0	3	6	6	3	5	14	4	
	Mexico	Presumed and confirmed	44 513	26 565	16 170	15 793	12 864	7 423	6 293	5 046	
		Microscopy examined	1 503 208	1 596 427	1 668 729	1 816 340	1 923 775	1 965 682	2 053 773	1 950 935	
		Confirmed with microscopy	44 513	26 565	16 170	15 793	12 864	7 423	6 293	5 046	
		RDT Examined	—	—	—	—	—	—	—	—	—
		Confirmed with RDT	—	—	—	—	—	—	—	—	—
		Imported cases	—	—	—	—	—	—	—	—	—
	Nicaragua	Presumed and confirmed	35 785	27 653	26 866	44 037	41 490	69 444	75 606	51 858	
		Microscopy examined	466 558	364 786	381 715	440 891	374 348	493 399	461 989	410 132	
		Confirmed with microscopy	35 785	27 653	26 866	44 037	41 490	69 444	75 606	51 858	
		RDT Examined	—	—	—	—	—	—	—	—	—
		Confirmed with RDT	—	—	—	—	—	—	—	—	—
		Imported cases	—	—	—	—	—	—	—	—	—
	Panama	Presumed and confirmed	381	1 115	727	481	735	730	476	505	
		Microscopy examined	315 359	336 569	308 359	278 557	237 992	222 498	188 914	193 853	
		Confirmed with microscopy	381	1 115	727	481	735	730	476	505	
		RDT Examined	—	—	—	—	—	—	—	—	—
		Confirmed with RDT	—	—	—	—	—	—	—	—	—
		Imported cases	—	—	—	147	130	10	—	—	—
	Paraguay	Presumed and confirmed	2 912	2 983	1 289	436	583	898	637	567	
		Microscopy examined	98 417	127 807	149 523	164 146	96 885	86 664	68 151	83 104	
		Confirmed with microscopy	2 912	2 983	1 289	436	583	898	637	567	
		RDT Examined	—	—	—	—	—	—	—	—	—
		Confirmed with RDT	—	—	—	—	—	—	—	—	—
		Imported cases	—	—	—	—	—	—	—	—	—
	Peru	Presumed and confirmed	28 882	33 705	54 922	95 222	122 039	190 521	211 561	180 338	
		Microscopy examined	90 040	109 654	123 147	158 325	295 824	833 614	1 162 230	1 299 929	
		Confirmed with microscopy	28 882	33 705	54 922	95 222	122 039	190 521	211 561	180 338	
		RDT Examined	—	—	—	—	—	—	—	—	—
		Confirmed with RDT	—	—	—	—	—	—	—	—	—
		Imported cases	—	—	—	—	—	—	—	—	—
	Suriname	Presumed and confirmed	1 608	1 490	1 404	6 107	4 704	6 606	16 649	11 323	
		Microscopy examined	18 594	18 399	13 765	26 079	29 148	38 613	68 674	94 508	
		Confirmed with microscopy	1 608	1 490	1 404	6 107	4 704	6 606	16 649	11 323	
		RDT Examined	—	—	—	—	—	—	—	—	—
		Confirmed with RDT	—	—	—	—	—	—	—	—	—
		Imported cases	—	—	—	—	—	—	—	—	—
	Venezuela (Bolivarian Republic of)	Presumed and confirmed	46 679	42 826	21 416	12 539	16 311	22 501	21 852	22 400	
		Microscopy examined	361 194	375 473	336 571	290 483	210 890	302 487	285 326	271 989	
		Confirmed with microscopy	46 679	42 826	21 416	12 539	16 311	22 501	21 852	22 400	
		RDT Examined	—	—	—	—	—	—	—	—	—
		Confirmed with RDT	—	—	—	—	—	—	—	—	—
		Imported cases	—	—	—	—	—	—	—	—	—

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Annex 6C – Reported malaria cases by method of confirmation, 1990-2011 (continued)

WHO Region	Country/area		1990	1991	1992	1993	1994	1995	1996	1997
Eastern Mediterranean	Afghanistan	Presumed and confirmed	317 479	297 605	–	123 425	88 302	186 912	303 955	202 767
		Microscopy examined	735 624	768 685	–	431 353	626 338	602 320	364 948	527 181
		Confirmed with microscopy	317 479	297 605	–	123 425	31 606	186 912	78 279	189 898
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Djibouti	Presumed and confirmed	3 237	7 338	7 468	4 166	6 140	5 982	6 105	4 314
		Microscopy examined	11 463	26 758	28 636	–	25 366	–	–	–
		Confirmed with microscopy	3 237	7 335	7 468	–	6 140	–	–	4 314
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Egypt ²	Presumed and confirmed	75	24	16	17	527	322	25	11
		Microscopy examined	1 145 251	1 213 769	1 183 608	562 096	1 052 433	–	1 090 924	1 052 658
		Confirmed with microscopy	75	24	16	17	495	–	23	11
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	0	0	0	0	32	9	2	7
	Iran (Islamic Republic of)	Presumed and confirmed	77 470	96 340	76 971	64 581	51 089	67 532	56 362	38 684
		Microscopy examined	2 226 412	2 699 845	3 227 770	3 959 288	4 074 869	–	3 556 000	3 244 334
		Confirmed with microscopy	77 470	96 340	76 971	64 581	51 089	67 532	56 362	38 677
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	6 701	8 431	12 024	8 162	7 052	–	–	18 852
	Iraq	Presumed and confirmed	3 924	1 764	5 752	49 863	98 243	98 705	49 840	13 959
		Microscopy examined	–	941 988	1 166 378	–	1 553 231	–	1 650 864	1 480 948
		Confirmed with microscopy	3 924	1 764	5 752	–	98 243	–	31 737	9 594
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	20	42	–	21	6	4	29
	Morocco ¹	Presumed and confirmed	837	494	405	198	206	197	102	125
		Microscopy examined	1 347 400	982 321	898 625	761 837	724 364	1 047 890	461 605	461 802
		Confirmed with microscopy	837	494	405	198	206	197	102	125
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	51	89	54	63	50	31	49	49
	Oman	Presumed and confirmed	32 720	19 274	14 827	16 873	7 215	1 801	1 265	1 026
		Microscopy examined	270 748	250 447	211 887	251 630	295 194	464 091	531 123	485 184
		Confirmed with microscopy	32 720	19 274	14 827	16 873	7 215	1 801	1 265	1 026
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	2 800	637	662	897
	Pakistan	Presumed and confirmed	79 689	66 586	99 015	92 634	108 586	111 836	98 035	77 480
		Microscopy examined	2 608 398	271 586	2 668 997	2 615 771	2 796 528	–	2 711 179	2 914 056
		Confirmed with microscopy	79 689	66 586	99 015	92 634	108 586	111 836	98 035	77 480
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Saudi Arabia	Presumed and confirmed	15 666	9 962	19 623	18 380	10 032	18 751	21 007	20 631
		Microscopy examined	682 649	570 551	601 847	–	697 960	727 703	–	–
		Confirmed with microscopy	15 666	9 962	19 623	18 380	10 032	18 751	21 007	20 631
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	634	830	1 204	–	3 405	3 089	5 786	2 939
	Somalia	Presumed and confirmed	–	–	–	3 049	–	–	–	–
		Microscopy examined	–	–	–	6 467	–	–	–	–
		Confirmed with microscopy	–	–	–	3 049	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	South Sudan	Presumed and confirmed	–	–	–	–	–	–	–	–
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Sudan	Presumed and confirmed	7 508 704	6 947 787	9 326 944	9 867 778	8 562 205	6 347 143	4 595 092	4 065 460
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	330 136	321 969	1 167 847	923 374	664 491	656 978	30 217	446 949
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Syrian Arab Republic ²	Presumed and confirmed	107	54	456	966	583	626	345	130
		Microscopy examined	–	–	–	–	97 436	–	84 496	68 154
		Confirmed with microscopy	107	54	456	966	583	626	345	130
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	39	43	37	–	49	44	65	47
	Yemen	Presumed and confirmed	11 384	12 717	29 320	31 262	37 201	500 000	416 246	1 394 495
		Microscopy examined	80 986	103 700	126 580	172 403	160 687	–	–	7 821 530
		Confirmed with microscopy	11 384	12 717	29 320	31 262	37 201	500 000	416 246	682 153
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
European	Armenia ¹	Presumed and confirmed	0	0	0	0	196	502	347	841
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	0	0	0	0	196	502	347	841
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	0	0	0	0	0	0	0	0
		Imported cases	0	0	0	–	195	502	198	274
	Azerbaijan	Presumed and confirmed	24	113	27	23	667	2 840	13 135	9 911
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	24	113	27	23	667	2 840	13 135	9 911
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	0	0	0	0	0	0	0	0
		Imported cases	–	–	–	–	–	–	–	–
	Georgia	Presumed and confirmed	1	2	1	0	1	1	7	1
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	1	2	1	0	1	1	7	1
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	0	0	0	0	0	0	0	0
		Imported cases	1	2	1	0	1	1	4	1

1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
288 070	395 581	203 911	364 243	626 839	585 602	273 377	326 694	414 407	456 490	467 123	390 729	392 463	482 748
-	463 032	257 429	-	-	-	248 946	338 253	460 908	504 856	549 494	521 817	524 523	531 053
272 115	162 531	94 475	-	415 356	360 940	242 022	116 444	86 129	92 202	81 574	64 880	69 397	77 549
-	-	-	-	-	-	-	-	-	-	-	-	-	0
-	-	-	-	-	-	-	-	-	-	-	-	-	0
-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 920	6 140	4 667	4 312	5 021	5 036	2 142	2 469	6 457	4 694	3 528	2 686	3 962	624
-	-	-	-	-	-	-	1 913	-	3 461	2 896	-	-	124
-	-	-	-	-	5 036	122	413	1 796	210	119	2 686	1 019	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	61	17	11	10	45	43	23	29	30	80	94	85	116
-	-	1 155 904	1 357 223	1 041 767	-	-	-	-	23 402	34 880	41 344	664 294	-
13	61	17	11	10	45	43	23	29	30	80	94	85	116
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	61	17	11	10	45	43	23	29	30	80	94	85	116
32 951	23 110	19 716	19 303	15 558	23 562	13 821	18 966	15 909	15 712	11 460	6 122	3 031	3 239
-	2 014 963	1 732 778	1 867 500	1 416 693	1 358 262	1 326 108	1 674 895	1 131 261	1 074 196	966 150	744 586	614 817	530 470
32 951	23 110	19 716	19 303	15 558	23 562	13 821	18 966	15 909	15 712	11 460	6 122	3 031	3 239
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 558	7 253	7 422	10 379	6 436	6 502	6 219	4 570	2 782	2 434	3 111	1 645	1 184	1 529
9 684	4 138	1 860	1 265	952	347	155	47	24	3	6	1	7	11
-	-	-	997 812	1 072 587	681 070	913 400	944 163	970 000	844 859	1 105 054	1 493 143	1 849 930	2 097 732
9 684	4 138	1 860	1 265	952	347	155	47	24	3	6	1	7	11
-	-	-	-	-	-	-	10 824	-	-	-	-	-	-
-	-	-	-	-	-	-	0	-	-	-	-	-	0
-	-	-	-	-	3	5	3	1	1	4	1	7	11
121	60	59	59	107	73	56	100	83	75	142	145	218	312
421 946	376 920	277 671	335 723	345 173	405 800	405 601	-	-	367 705	292 826	290 566	232 598	-
121	60	56	59	107	73	56	100	83	75	142	145	218	312
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
53	43	56	59	88	69	55	100	83	75	142	145	215	311
1 093	901	694	635	590	740	615	544	443	705	965	898	1 193	1 532
438 166	496 067	494 884	521 552	495 826	409 532	326 127	258 981	242 635	244 346	245 113	234 803	226 009	267 353
1 093	901	694	635	590	740	615	544	443	705	965	898	1 193	1 532
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
979	872	688	633	584	734	615	544	443	701	957	898	1 169	1 519
73 516	91 774	3 337 054	3 577 845	4 238 778	4 210 611	1 958 350	4 022 823	4 314 637	4 553 732	4 658 701	4 242 032	4 281 356	334 589
3 187 814	3 440 986	-	3 572 425	3 399 524	4 577 037	4 243 108	4 776 274	4 490 577	4 905 561	3 775 793	3 655 272	3 771 671	4 168 648
73 516	91 774	82 526	125 292	107 666	125 152	126 719	127 826	124 910	128 570	104 454	132 688	199 755	287 592
-	-	-	-	-	-	-	-	-	-	-	243 521	276 949	518 709
-	-	-	-	-	-	-	-	-	-	-	34 891	19 420	46 997
-	-	-	-	-	2 592	1 101	290	1 149	190	120	-	-	-
40 796	13 166	6 608	3 074	2 612	1 724	1 232	1 059	1 278	2 864	1 491	2 333	1 941	2 788
795 135	-	-	821 860	825 443	819 869	780 392	715 878	804 087	1 015 781	1 114 841	1 078 745	944 723	1 062 827
40 796	13 166	6 608	3 074	2 612	1 724	1 232	1 059	1 278	2 864	1 491	2 333	1 941	2 788
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
4 657	3 067	1 872	1 471	1 402	1 024	924	855	1 008	2 397	1 430	2 275	1 912	2 719
-	9 055	10 364	10 364	96 922	23 349	36 732	28 404	49 092	50 444	82 980	72 362	24 553	41 167
-	-	-	-	21 350	12 578	30 127	47 882	-	-	73 985	59 181	20 593	26 351
-	-	-	-	15 732	7 571	11 436	12 516	16 430	16 675	36 905	25 202	5 629	1 627
-	-	-	-	-	-	-	-	-	-	-	-	200 105	35 236
-	-	-	-	-	-	-	-	-	-	-	-	18 924	1 724
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	237 712	462 056	646 673	515 958	337 582	116 473	101 008	136 492	325 634	900 283	795 784
-	-	-	-	-	-	-	-	-	-	116 555	-	-	-
-	-	-	-	-	-	-	-	-	-	52 011	-	900 283	112 024
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 062 000	4 215 308	4 332 827	3 985 702	3 054 400	3 084 320	2 083 711	2 515 693	2 117 514	3 040 181	3 073 996	2 361 188	1 465 496	1 246 833
-	-	-	-	-	-	-	-	-	2 243 981	2 050 354	2 791 156	-	-
821 199	594 927	368 557	203 491	280 550	933 267	537 899	628 417	721 233	686 908	569 296	711 462	625 365	506 806
-	-	-	-	-	-	-	-	-	-	-	-	1 653 300	-
-	-	-	-	-	-	-	-	-	-	-	-	95 192	-
60	43	42	79	27	24	13	28	34	37	51	39	23	48
-	-	-	-	-	-	-	-	-	68 000	-	25 751	19 151	25 109
60	43	42	79	27	24	13	28	34	37	51	39	23	48
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
46	38	36	16	12	22	12	28	34	37	51	39	23	48
-	2 781 640	1 394 495	-	187 159	265 032	158 561	200 560	217 270	223 299	158 608	138 579	198 963	142 147
-	-	-	-	556 143	398 472	501 747	472 970	799 747	585 015	781 318	797 621	645 463	645 093
-	2 781 640	1 394 495	-	75 508	50 811	48 756	44 150	55 000	67 607	43 545	53 445	78 269	60 207
-	-	-	-	-	-	-	-	-	303	5 015	18 566	97 289	108 110
-	-	-	-	-	-	-	-	-	70	661	2 001	28 428	30 203
-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 156	616	141	79	52	29	47	7	0	1	1	0	1	0
-	-	356	174	165	126	220	209	230	658	30 761	31 467	31 026	-
1 156	616	141	79	52	29	47	7	0	1	1	0	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
0	0	-	-	-	-	-	-	-	-	-	-	-	-
614	287	85	48	36	21	41	4	0	1	1	0	1	-
5 175	2 315	1 526	1 058	506	482	386	242	143	110	73	80	52	8
-	-	527 688	536 260	507 252	536 822	545 145	515 144	498 697	465 033	408 780	451 436	456 652	449 168
5 175	2 315	1 526	1 058	506	482	386	242	143	110	73	80	52	8
-	-	-	-	-	-	-	-	-	-	-	-	-	-
0	0	-	-	-	-	-	-	-	-	-	-	-	-
0	4	0	3	1	2	0	0	2	2	1	2	2	4
16	51	245	438	474	316	257	155	60	25	8	7	0	6
-	-	-	3 574	6 145	5 457	3 365	5 169	4 400	3 400	4 398	4 120	2 368	2 032
16	51	245	438	474	316	257	155	60	25	8	7	0	6
-	-	-	-	-	-	-	-	-	-	-	-	-	-
0	0	-	-	-	-	-	-	-	-	-	-	-	-
2	16	1	1	1	8	3	1	2	1	2	6	0	5

Annex 6C – Reported malaria cases by method of confirmation, 1990-2011 (continued)

WHO Region	Country/area		1990	1991	1992	1993	1994	1995	1996	1997
European	Kyrgyzstan	Presumed and confirmed	1	1	2	0	6	3	26	13
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	1	1	2	0	6	3	26	13
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	0	0	0	0	0	0	0	0
		Imported cases	1	1	2	0	6	3	25	13
	Russian Federation	Presumed and confirmed	216	169	160	209	335	425	611	831
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	216	169	160	209	335	425	611	831
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	0	0	0	0	0	0	0	0
		Imported cases	209	169	160	195	359	421	601	798
	Tajikistan	Presumed and confirmed	0	0	0	0	0	0	0	0
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Turkey	Presumed and confirmed	0	0	0	0	0	0	0	0
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	5	5	11	4	24	342	250	80
	Turkmenistan ¹	Presumed and confirmed	1	17	11	3	9	10	14	14
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	1	17	11	3	9	10	14	14
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	1	4	6	2	8	10	11	10
	Uzbekistan	Presumed and confirmed	28	12	25	36	21	27	51	52
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	28	12	25	36	21	27	51	52
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	25	11	25	36	21	27	51	52
South-East Asia	Bangladesh	Presumed and confirmed	–	–	–	–	–	–	–	–
		Microscopy examined	2 444 415	2 081 137	1 919 349	1 635 589	1 661 701	1 461 556	1 112 563	955 542
		Confirmed with microscopy	53 875	63 575	115 660	125 402	166 564	152 729	100 783	68 594
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Bhutan	Presumed and confirmed	–	–	–	–	–	–	–	–
		Microscopy examined	33 973	67 699	73 986	78 260	97 415	83 889	76 019	68 153
		Confirmed with microscopy	9 497	22 126	28 900	28 116	38 901	23 195	15 696	9 029
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Democratic People's Republic of Korea	Presumed and confirmed	0	0	0	0	0	0	0	0
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	India	Presumed and confirmed	2 018 783	2 117 460	2 125 826	2 207 431	2 511 453	2 988 231	3 035 588	2 660 057
		Microscopy examined	74 420 000	75 158 681	79 011 151	77 941 025	82 179 407	85 133 349	91 536 450	89 445 561
		Confirmed with microscopy	2 018 783	2 117 460	2 125 826	2 207 431	2 511 453	2 988 231	3 035 588	2 660 057
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Indonesia	Presumed and confirmed	1 484 496	1 631 710	1 431 284	1 337 373	1 698 040	1 510 425	1 747 287	1 325 633
		Microscopy examined	7 365 250	7 586 249	7 501 500	6 152 901	4 801 009	2 795 718	3 377 083	2 815 193
		Confirmed with microscopy	175 049	140 352	110 004	146 339	146 376	143 363	179 878	131 084
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Myanmar	Presumed and confirmed	989 042	939 257	789 672	702 239	701 043	656 547	664 507	568 262
		Microscopy examined	–	1 147 570	1 038 248	898 237	734 087	600 252	486 616	427 288
		Confirmed with microscopy	133 049	126 967	125 710	117 068	111 672	100 448	96 203	112 500
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Nepal	Presumed and confirmed	–	–	–	–	–	–	–	160 253
		Microscopy examined	847 484	781 543	724 068	596 689	430 801	338 189	204 355	126 774
		Confirmed with microscopy	22 856	29 135	23 234	16 380	9 884	9 718	9 020	8 557
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Sri Lanka	Presumed and confirmed	287 384	400 263	399 349	363 197	273 502	142 294	184 319	218 550
		Microscopy examined	1 220 699	1 398 002	1 558 660	1 503 902	1 370 369	1 098 105	1 288 990	1 331 641
		Confirmed with microscopy	287 384	400 263	399 349	363 197	273 502	142 294	184 319	218 550
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Thailand	Presumed and confirmed	273 880	198 383	168 370	115 220	102 119	82 743	87 622	97 540
		Microscopy examined	7 273 320	6 793 221	5 575 282	4 850 123	4 756 284	4 569 108	4 318 788	4 068 474
		Confirmed with microscopy	273 880	198 383	168 370	115 220	102 119	82 743	87 622	97 540
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
	Timor-Leste	Presumed and confirmed	–	–	–	–	–	–	–	–
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–
Western Pacific	Cambodia	Presumed and confirmed	123 796	102 930	91 000	99 200	85 012	76 923	74 883	88 029
		Microscopy examined	–	–	–	–	–	–	–	–
		Confirmed with microscopy	–	–	–	–	–	–	–	–
		RDT Examined	–	–	–	–	–	–	–	–
		Confirmed with RDT	–	–	–	–	–	–	–	–
		Imported cases	–	–	–	–	–	–	–	–

1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
11	5	12	28	2 743	468	93	226	318	96	18	4	6	5
–	–	70 500	72 020	69 807	144 070	79 895	114 316	74 729	62 444	40 833	33 983	30 190	27 850
11	5	12	28	2 743	468	93	226	318	96	18	4	6	5
–	–	–	–	–	–	–	–	–	–	–	–	–	–
0	0	–	–	–	–	–	–	–	–	–	–	–	–
6	5	5	13	31	3	2	0	4	0	0	0	3	5
1 081	792	795	898	642	533	382	205	143	122	96	107	102	85
–	–	–	–	–	–	–	–	–	35 784	28 340	27 382	33 024	28 311
1 081	792	795	898	642	533	382	205	143	122	96	107	102	85
–	–	–	–	–	–	–	–	–	–	–	–	–	–
0	0	–	–	–	–	–	–	–	–	–	–	–	–
1 018	715	752	764	503	461	382	165	132	112	88	107	101	83
0	0	19 064	11 387	6 160	5 428	3 588	2 309	1 344	635	318	165	112	78
–	–	233 785	248 565	244 632	296 123	272 743	216 197	175 894	159 232	158 068	165 266	173 523	173 367
–	–	19 064	11 387	6 160	5 428	3 588	2 309	1 344	635	318	165	112	78
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	0	0	0	1	1	7	4	1	1	13
0	0	11 432	10 812	10 224	9 222	5 302	2 084	796	358	215	84	78	128
–	–	1 597 290	1 550 521	1 320 010	1 187 814	1 158 673	1 042 509	934 839	775 502	616 570	606 875	507 841	421 295
–	–	11 432	10 812	10 224	9 222	5 302	2 084	796	358	215	84	78	128
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
62	55	51	54	40	40	50	48	45	45	49	46	69	127
137	49	24	8	18	7	3	1	1	0	1	0	0	0
–	–	50 105	50 075	59 834	72 643	71 377	56 982	58 673	65 666	75 524	94 237	81 784	–
137	49	24	8	18	7	3	1	1	0	1	0	0	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
22	39	6	3	3	1	0	0	1	0	1	0	0	–
74	85	126	77	74	74	66	102	76	89	27	4	5	1
–	–	735 164	691 500	735 164	812 543	893 187	917 843	924 534	858 968	883 807	916 839	921 364	886 243
74	85	126	77	74	74	66	102	76	89	27	4	5	1
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
74	78	80	68	63	41	35	38	16	59	20	4	2	1
–	–	437 838	320 010	313 859	489 377	386 555	290 418	164 159	59 866	168 885	79 853	91 227	51 773
437 928	378 921	360 300	250 258	275 987	245 258	185 215	220 025	209 991	266 938	336 505	397 148	461 262	270 253
60 023	63 723	55 599	54 216	62 269	54 654	58 894	48 121	32 857	58 659	50 004	25 203	20 519	20 232
–	–	–	–	–	–	–	–	–	3 199	106 001	156 639	152 936	119 849
–	–	–	–	–	–	–	–	–	1 207	34 686	38 670	35 354	31 541
–	–	–	–	–	–	–	–	–	–	–	–	–	–
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62 033	77 461	76 445	65 974	74 696	61 246	54 892	60 152	66 079	51 446	47 268	62 341	54 709	44 481
7 693	12 237	5 935	5 982	6 511	3 806	2 670	1 825	1 868	793	329	972	436	194
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
2 100	15 362	204 428	300 000	241 192	60 559	33 803	11 507	12 983	4 795	16 989	14 845	13 520	16 760
–	–	–	143 674	129 889	32 083	–	–	12 983	7 985	24 299	34 818	25 147	26 513
2 100	15 362	90 582	143 674	16 578	16 538	27 090	11 315	12 983	4 795	16 989	14 845	13 520	16 760
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	450	378	213	127	1 127
2 222 748	2 284 713	2 031 790	2 085 484	1 841 227	1 869 403	1 915 363	1 816 569	1 785 109	1 508 927	1 532 497	1 563 574	1 599 986	1 310 367
89 380 937	88 333 965	86 790 375	90 389 019	91 617 725	99 136 143	97 111 526	104 120 792	106 606 703	86 355 000	86 734 579	103 396 076	108 679 429	–
2 222 748	2 284 713	2 031 790	2 085 484	1 841 227	1 869 403	1 915 363	1 816 569	1 785 109	1 508 927	1 532 497	1 563 574	1 599 986	–
–	–	–	–	–	–	–	–	–	8 500 000	9 000 000	9 100 000	10 600 000	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
1 708 020	1 243 213	1 432 178	2 776 477	2 416 039	2 554 223	3 016 262	1 445 831	1 320 581	1 140 423	746 120	544 470	1 849 062	1 322 451
2 102 828	1 867 488	1 752 763	1 604 573	1 440 320	1 224 232	1 109 801	1 178 457	1 233 334	1 750 000	1 243 744	1 420 795	903 607	–
179 970	138 002	245 612	267 592	273 793	223 074	268 852	437 323	347 597	333 792	266 277	199 577	229 819	–
–	–	–	–	–	–	–	19 164	12 990	–	462 249	1 040 633	260 798	–
–	–	–	–	–	–	–	–	–	–	–	72 914	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
548 066	592 878	581 560	661 463	721 739	716 806	602 888	516 041	538 110	520 887	634 280	591 492	693 124	567 452
450 000	379 795	381 610	463 194	467 871	481 201	432 581	437 387	485 251	512 862	499 296	381 424	275 374	312 689
104 753	121 376	120 083	170 502	173 096	177 530	152 070	165 737	203 071	216 510	223 174	164 965	103 285	91 752
–	–	–	–	–	–	–	–	–	499 725	543 941	599 216	729 878	795 618
–	–	–	–	–	–	–	–	–	157 448	223 899	271 103	317 523	373 542
–	–	–	–	–	–	–	–	–	–	–	–	–	–
175 879	132 044	48 686	146 351	133 431	196 605	140 687	178 056	166 474	135 809	153 331	123 903	96 383	71 752
178 265	135 814	100 063	126 962	183 519	196 223	158 044	188 930	166 476	135 809	153 331	150 230	102 977	95 011
8 498	8 959	7 981	6 396	12 750	9 506	4 895	5 050	4 969	5 621	3 888	3 335	3 115	1 910
–	–	–	–	–	–	–	–	–	–	–	–	17 887	25 353
–	–	–	–	–	–	–	–	–	–	–	–	779	1 504
–	–	–	1 198	1 280	1 132	805	641	618	880	660	610	1 102	1 126
211 691	264 549	210 039	66 522	41 411	10 510	3 720	1 640	591	198	670	558	684	175
1 338 146	1 569 352	1 781 372	1 353 386	1 390 850	1 192 259	1 198 181	974 672	1 076 121	1 047 104	1 047 104	909 632	1 001 107	985 060
211 691	264 549	210 039	66 522	41 411	10 510	3 720	1 640	591	198	670	558	684	175
–	–	–	–	–	–	–	–	–	–	–	–	–	–
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–	–	–	–	–	–	–	–	–	–	–	–	–	–
131 055	125 379	78 561	63 528	44 555	37 355	26 690	29 782	30 294	33 178	28 569	29 462	32 480	24 897
4 217 716	4 461 075	4 403 739	4 100 778	3 819 773	3 256 939	3 012 710	2 524 788	2 280 070	2 041 733	1 910 982	1 816 383	1 695 980	1 354 215
131 055	125 379	78 561	63 528	44 555	37 355	26 690	29 782	30 294	33 178	26 150	23 327	22 969	14 478
–	–	–	–	–	–	–	–	–	–	20 786	68 437	81 997	96 670
–	–	–	–	–	–	–	–	–	–	2 419	6 135	9 511	10 419
–	–	–	–	–	–	–	–	–	–	–	–	–	–
10 332	–	15 212	83 049	86 684	33 411	202 662	130 679	164 413	121 905	143 594	108 434	119 072	36 064
–	–	–	–	60 311	83 785	79 459	97 781	96 485	114 283	92 870	96 828	109 806	82 175
–	–	15 212	–	26 651	33 411	37 164	43 093	37 896	46 869	45 973	41 824	40 250	19 739
–	–	–	–	–	–	–	–	–	32 027	30 134	41 132	85 643	127 272
–	–	–	–	–	–	–	–	–	5 944	5 287	7 887	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
58 874	64 679	203 164	110 161	100 194	119 712	91 855	67 036	89 109	59 848	58 887	83 777	49 356	57 423
–	–	122 555	121 691	108 967	106 330	99 593	88 991	94 460	135 731	130 995	96 886	90 175	86 526
–	–	51 320	42 150	38 048	42 234	37 389	26						

Annex 6C – Reported malaria cases by method of confirmation, 1990-2011 (continued)

WHO Region	Country/area		1990	1991	1992	1993	1994	1995	1996	1997
Western Pacific	China	Presumed and confirmed	117 359	101 600	74 000	59 000	62 000	47 118	33 382	26 800
		Microscopy examined	—	—	—	—	—	—	—	—
		Confirmed with microscopy	—	—	—	—	—	—	—	—
		RDT Examined	—	—	—	—	—	—	—	—
		Confirmed with RDT	—	—	—	—	—	—	—	—
		Imported cases	—	—	—	—	—	—	—	—
	Lao People's Democratic Republic	Presumed and confirmed	22 044	41 048	38 500	41 787	52 601	52 021	77 894	72 190
		Microscopy examined	—	—	—	—	—	—	—	—
		Confirmed with microscopy	—	—	—	—	—	—	—	—
		RDT Examined	—	—	—	—	—	—	—	—
		Confirmed with RDT	—	—	—	—	—	—	—	—
		Imported cases	—	—	—	—	—	—	—	—
	Malaysia	Presumed and confirmed	50 500	39 189	36 853	39 890	58 958	59 208	51 921	26 649
		Microscopy examined	—	—	—	—	—	—	—	—
		Confirmed with microscopy	—	—	—	—	—	—	—	—
		RDT Examined	—	—	—	—	—	—	—	—
		Confirmed with RDT	—	—	—	—	—	—	—	—
		Imported cases	—	—	—	—	—	—	—	—
	Papua New Guinea	Presumed and confirmed	104 900	86 500	86 500	66 797	65 000	99 000	71 013	38 105
		Microscopy examined	—	—	—	—	—	—	—	—
		Confirmed with microscopy	—	—	—	—	—	—	—	—
		RDT Examined	—	—	—	—	—	—	—	—
		Confirmed with RDT	—	—	—	—	—	—	—	—
		Imported cases	—	—	—	—	—	—	—	—
	Philippines	Presumed and confirmed	86 200	86 400	95 778	64 944	61 959	56 852	40 545	42 005
		Microscopy examined	—	—	—	—	—	—	—	—
		Confirmed with microscopy	—	—	—	—	—	—	—	—
		RDT Examined	—	—	—	—	—	—	—	—
		Confirmed with RDT	—	—	—	—	—	—	—	—
		Imported cases	—	—	—	—	—	—	—	—
	Republic of Korea	Presumed and confirmed	0	0	0	1	20	107	396	1 724
		Microscopy examined	—	—	—	—	—	—	—	—
		Confirmed with microscopy	—	—	—	—	—	—	—	—
		RDT Examined	—	—	—	—	—	—	—	—
		Confirmed with RDT	—	—	—	—	—	—	—	—
		Imported cases	—	—	—	—	—	—	—	—
	Solomon Islands	Presumed and confirmed	116 500	141 400	153 359	126 123	131 687	118 521	84 795	68 125
		Microscopy examined	—	—	—	—	—	—	—	—
		Confirmed with microscopy	—	—	—	—	—	—	—	—
		RDT Examined	—	—	—	—	—	—	—	—
		Confirmed with RDT	—	—	—	—	—	—	—	—
		Imported cases	—	—	—	—	—	—	—	—
	Vanuatu	Presumed and confirmed	28 805	19 466	13 330	10 469	3 771	8 318	5 654	6 099
		Microscopy examined	—	—	—	—	—	—	—	—
		Confirmed with microscopy	28 805	19 466	13 330	10 469	3 771	8 318	5 654	6 099
		RDT Examined	—	—	—	—	—	—	—	—
		Confirmed with RDT	—	—	—	—	—	—	—	—
		Imported cases	—	—	—	—	—	—	—	—
	Viet Nam	Presumed and confirmed	123 796	187 994	225 928	156 069	140 120	100 116	84 625	65 859
		Microscopy examined	—	—	—	—	—	—	—	—
		Confirmed with microscopy	—	—	—	—	—	—	—	—
		RDT Examined	—	—	—	—	—	—	—	—
		Confirmed with RDT	—	—	—	—	—	—	—	—
		Imported cases	—	—	—	—	—	—	—	—
Regional Summary (Probable and confirmed malaria cases)		African	15 707 308	12 808 592	16 096 895	20 292 113	27 014 847	21 642 318	28 431 539	22 877 000
		Region of the Americas	1 055 674	1 229 533	1 186 061	1 012 796	1 126 129	1 298 688	1 191 309	1 079 831
		Eastern Mediterranean	8 051 292	7 459 945	9 580 797	10 273 192	8 970 329	7 339 807	5 548 379	5 819 082
		European	271	314	226	271	1 235	3 808	14 191	11 663
		South-East Asia	5 053 585	5 287 073	4 914 501	4 725 460	5 286 157	5 380 240	5 719 323	5 030 295
		Western Pacific	773 900	806 527	815 248	664 280	661 128	618 184	525 108	435 585
		Total	30 642 030	27 591 984	32 593 728	36 968 112	43 059 825	36 283 045	41 429 849	35 253 456

Cases reported before 2000 can be probable and confirmed or only confirmed cases depending on the country

¹ Armenia, Morocco and Turkmenistan are certified malaria free countries, but are included in this listing for historical purposes

² There is no local transmission

1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
27 090	26 797	0	26 945	172 200	169 828	145 676	100 106	116 260	133 699	135 467	14 598	7 855	4 498
–	–	–	5 391 809	5 641 752	4 635 132	4 212 559	3 814 715	3 995 227	3 958 190	4 316 976	4 637 168	7 115 784	9 189 270
–	–	–	21 237	25 520	28 491	27 197	21 936	35 383	29 304	16 650	9 287	4 990	3 367
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	556	621	1 714	2 632	2 097	1 192	780	–	–	–
39 031	28 050	279 903	103 983	85 192	88 657	53 808	30 359	20 468	20 364	19 347	22 800	23 047	17 904
–	–	256 273	226 399	245 916	256 534	181 259	156 954	113 165	159 002	168 027	173 459	150 512	213 578
–	–	40 106	27 076	21 420	18 894	16 183	13 615	8 093	6 371	4 965	5 508	4 524	6 226
–	–	–	–	–	–	–	–	95 676	113 694	143 368	84 511	127 790	77 843
–	–	–	–	–	–	–	–	10 289	11 087	14 382	9 166	16 276	11 609
–	–	–	–	–	–	–	–	–	–	–	–	–	–
13 491	11 106	12 705	12 780	11 019	6 338	6 154	5 569	5 294	5 456	7 390	7 010	6 650	5 306
–	–	1 832 802	1 808 759	1 761 721	1 632 024	1 577 387	1 425 997	1 388 267	1 565 033	1 562 148	1 565 982	1 619 074	1 600 439
–	–	12 705	12 780	11 019	6 338	6 154	5 569	5 294	5 456	7 390	7 010	6 650	5 306
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	2 002	1 224	1 038	868	788	588	697	829	873	584	831	1 142
20 900	18 564	1 606 187	1 483 293	1 435 941	1 518 179	1 736 565	1 614 143	1 536 399	1 458 055	1 444 654	1 355 668	1 254 181	1 025 082
–	–	225 535	254 266	227 387	205 103	222 903	267 132	223 464	239 956	240 686	128 335	198 742	184 466
–	–	79 839	94 484	75 748	72 620	91 055	92 957	88 817	82 979	81 657	62 845	75 985	70 603
–	–	–	–	–	–	–	–	10 756	7 643	5 955	25 150	20 820	22 723
–	–	–	–	–	–	–	–	5 121	3 976	2 795	14 913	17 971	10 325
–	–	–	–	–	–	–	–	–	–	–	–	–	–
50 709	37 061	36 596	34 968	37 005	48 441	50 850	46 342	35 405	36 235	23 655	19 316	18 560	9 552
–	–	444 668	418 182	377 340	526 874	446 104	581 871	378 535	403 415	278 652	352 006	301 031	327 060
–	–	36 596	34 787	37 005	48 441	50 850	46 342	35 405	36 235	23 655	19 316	18 560	9 552
–	–	–	–	–	–	–	12 125	18 171	4 839	–	–	–	0
–	–	–	–	–	–	–	–	–	–	–	–	–	0
–	–	–	–	–	–	–	–	–	1	2	–	–	–
3 992	3 621	4 183	2 556	1 799	1 171	864	1 369	2 051	2 227	1 052	1 345	1 772	838
–	–	4 183	2 556	1 799	1 171	–	–	–	–	–	–	–	–
–	–	4 183	2 556	1 799	1 171	864	1 369	2 051	2 227	1 052	1 345	1 772	838
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	41	68	36	64	38	45	30	35	29	36	56	64
72 808	63 169	368 913	373 838	353 114	208 364	412 251	393 288	403 892	150 126	102 140	84 078	95 006	80 859
–	–	300 806	297 345	278 178	300 591	321 954	316 898	328 555	311 447	276 639	231 221	212 329	182 847
–	–	68 107	76 493	74 936	92 227	90 297	76 390	75 337	65 404	40 535	33 002	35 373	23 202
–	–	–	–	–	–	–	–	–	–	–	0	17 300	17 457
–	–	–	–	–	–	–	–	–	–	–	0	4 331	3 455
–	–	–	–	–	–	–	–	–	–	–	–	–	–
6 181	5 152	33 779	19 493	35 151	43 386	42 008	34 912	30 067	20 215	24 279	22 271	16 831	5 764
–	–	31 668	36 576	54 234	54 524	53 524	61 092	40 625	38 214	30 267	24 813	29 180	19 183
6 181	5 152	6 768	7 647	14 339	15 240	14 653	9 834	8 055	5 471	3 473	3 615	4 013	2 077
–	–	–	–	–	–	–	–	–	–	0	2 065	10 246	12 529
–	–	–	–	–	–	–	–	–	–	0	574	4 156	2 743
–	–	–	–	–	–	–	–	–	–	–	–	–	–
72 091	75 102	274 910	188 122	151 961	135 989	108 350	84 473	74 766	59 601	51 668	49 186	54 297	45 588
–	–	2 682 862	2 821 440	2 856 539	2 738 600	2 694 854	2 728 481	2 842 429	3 634 060	1 297 365	2 829 516	2 760 119	2 791 917
–	–	74 316	68 699	47 807	38 790	24 909	19 496	22 637	16 389	11 355	16 130	17 515	16 612
–	–	–	10 000	94 000	0	–	–	0	130 000	78 294	44 647	7 017	491 373
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–

26 576 925	34 963 534	32 151 570	43 091 654	45 338 182	64 110 279	69 328 489	68 240 133	70 901 016	72 034 781	60 139 248	82 704 095	82 716 062	79 381 896
1 304 311	1 212 763	1 181 096	982 778	904 971	899 890	909 625	1 050 809	921 169	788 429	563 109	567 154	676 082	490 545
5 514 224	7 540 977	9 312 314	8 204 604	8 691 031	8 847 138	5 044 766	7 454 992	7 253 650	8 449 274	8 595 623	7 542 842	7 273 574	3 051 938
7 650	3 913	33 365	24 785	20 893	16 559	10 124	5 331	2 881	1 436	757	451	356	311
5 009 891	4 658 138	5 040 292	6 502 884	5 840 137	5 968 249	6 328 630	4 420 523	4 182 714	3 525 988	3 425 385	3 058 012	4 496 025	3 401 898
365 167	333 301	2 820 340	2 356 139	2 383 576	2 340 065	2 648 381	2 377 597	2 313 711	1 945 826	1 868 539	1 660 049	1 527 555	1 252 814
38 778 168	48 712 626	50 538 977	61 162 844	63 178 790	82 182 180	84 270 015	83 549 385	85 575 141	86 745 734	74 592 660	95 532 603	96 689 654	87 579 402

Annex 6D – Reported malaria cases by species, 1990-2011

WHO Region	Country/area		1990	1991	1992	1993	1994	1995	1996	1997
African	Algeria	Suspected	152	229	106	84	206	107	221	197
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Angola	Suspected	243 673	1 143 701	782 988	722 981	667 376	156 603	–	893 232
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Benin	Suspected	92 870	118 796	290 868	403 327	546 827	579 300	623 396	670 857
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Botswana	Suspected	10 750	14 364	4 995	55 331	29 591	17 599	80 004	101 887
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Burkina Faso	Suspected	496 513	448 917	420 186	502 275	472 355	501 020	582 658	672 752
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Burundi	Suspected	92 870	568 938	773 539	828 429	831 481	932 794	974 226	670 857
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Cameroon	Suspected	869 048	787 796	664 413	478 693	189 066	784 321	931 311	787 796
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Cape Verde	Suspected	69	80	38	44	21	127	77	20
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Central African Republic	Suspected	174 436	125 038	89 930	82 072	82 057	100 962	95 259	99 718
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Chad	Suspected	212 554	246 410	229 444	234 869	278 225	293 564	278 048	343 186
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Comoros	Suspected	–	–	–	12 012	13 860	15 707	15 509	–
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Congo	Suspected	32 428	32 391	21 121	15 504	35 957	28 008	14 000	9 491
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Côte d'Ivoire	Suspected	511 916	466 895	553 875	421 043	–	755 812	1 109 011	983 089
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Democratic Republic of the Congo	Suspected	–	–	–	–	–	–	198 064	–
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Equatorial Guinea	Suspected	25 552	22 598	25 100	17 867	14 827	12 530	–	–
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Eritrea	Suspected	–	–	–	–	–	81 183	129 908	–
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Ethiopia	Suspected	–	–	206 262	305 616	358 469	412 609	478 411	509 804
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Gabon	Suspected	57 450	80 247	100 629	70 928	82 245	54 849	74 310	57 450
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Gambia	Suspected	222 538	215 414	188 035	–	299 824	135 909	266 189	325 555
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Ghana	Suspected	1 438 713	1 372 771	1 446 947	1 697 109	1 672 709	1 928 316	2 189 860	2 227 762
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Guinea	Suspected	21 762	17 718	–	–	607 560	600 317	772 731	802 210
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Guinea-Bissau	Suspected	81 835	64 123	56 073	158 748	–	197 386	6 457	10 632
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Kenya	Suspected	–	–	–	–	6 103 447	4 343 190	3 777 022	–
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Liberia	Suspected	–	–	–	–	–	–	239 998	826 151
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–

1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
–	701	27 733	26 411	18 803	17 059	16 686	18 392	13 869	14 745	11 964	15 635	12 224	23 948
–	–	261	247	188	313	71	242	91	261	185	88	401	179
–	–	277	181	116	111	92	57	24	24	10	6	4	12
–	–	–	–	–	–	–	–	–	–	0	0	3	0
1 169 028	1 471 993	2 080 348	1 249 767	1 862 662	3 246 258	2 489 170	2 329 316	2 283 097	2 726 530	3 432 424	3 726 606	3 687 574	3 501 953
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650 025	709 348	–	717 290	782 818	819 256	853 034	803 462	861 847	1 171 522	1 147 005	1 256 708	1 432 095	1 424 335
–	–	–	–	–	–	–	–	–	–	–	534 590	–	68 745
–	–	–	–	–	–	–	–	–	–	–	0	–	0
–	–	–	–	–	–	–	–	–	–	–	0	–	0
59 696	72 640	71 555	48 281	28 907	23 657	22 404	11 242	23 514	30 906	41 153	32 460	12 196	1 141
–	–	–	–	–	–	–	–	–	381	914	951	1 046	432
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
721 480	867 866	–	352 587	1 188 870	1 443 184	1 546 644	1 615 695	2 060 867	2 487 633	3 790 238	4 537 600	5 723 481	5 024 697
–	–	–	–	–	–	–	–	–	–	–	–	–	–
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687 301	1 936 584	3 252 692	3 345 881	2 626 149	2 243 185	1 749 892	2 334 067	2 265 970	2 079 861	1 950 266	2 588 830	4 255 301	3 298 979
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664 413	–	–	–	–	–	–	277 413	634 507	604 153	1 650 749	1 883 199	1 845 691	1 829 266
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
41	29	6 843	7 141	8 022	6 001	9 833	7 902	8 729	8 902	9 033	21 913	47	26 508
–	–	144	107	18	68	45	68	80	18	35	65	47	36
–	–	0	0	0	0	0	0	0	0	0	0	0	0
–	–	–	–	–	–	–	–	–	0	0	0	0	0
105 664	127 964	89 614	140 742	–	78 094	129 367	131 856	114 403	119 477	152 260	175 210	66 484	221 980
–	–	–	–	–	–	–	–	–	–	–	–	–	–
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395 205	392 815	437 041	451 182	517 004	505 732	481 122	501 846	251 354	518 832	478 987	549 048	544 243	528 454
–	–	20 977	19 520	21 959	21 532	665	14 770	21 354	24 282	24 015	–	–	–
–	–	19 101	18 767	21 974	23 663	695	16 898	23 801	24 006	23 742	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
3 844	9 793	–	–	–	–	43 918	29 554	54 830	53 511	46 426	57 084	103 670	83 443
–	–	–	–	–	–	–	–	–	–	–	5 771	33 791	21 387
–	–	–	–	–	–	–	–	–	–	–	79	528	334
–	–	–	–	–	–	–	–	–	–	–	132	880	557
17 122	–	–	–	–	–	–	–	157 757	163 924	203 869	203 160	–	277 263
–	–	–	–	–	–	–	–	–	103 213	117 291	92 855	–	–
–	–	–	–	–	–	–	–	–	0	0	0	–	–
–	–	–	–	–	–	–	–	–	0	0	0	–	–
–	–	–	1 193 288	1 109 751	1 136 810	1 275 138	1 280 914	1 253 408	1 277 670	1 343 654	1 847 367	1 721 461	2 588 004
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
141 353	1 508 042	964 623	2 199 247	2 640 168	4 386 638	4 133 514	6 334 608	5 008 959	3 720 570	4 933 845	7 839 435	9 252 959	9 442 144
–	–	889	1 517	1 727	2 418	2 659	2 844	2 043	1 642	1 196	–	–	–
–	–	–	–	–	6	7	110	3	7	27	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	20 948	67 196	84 532	78 095	37 267
–	–	–	–	–	–	–	–	–	5 842	7 883	11 603	39 636	20 601
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
255 150	147 062	–	138 667	121 011	107 599	65 025	64 056	49 703	80 428	62 449	77 946	96 792	97 479
–	–	–	8 994	5 335	8 998	3 480	7 506	5 750	3 006	1 519	3 358	9 785	10 263
–	–	–	722	743	1 348	639	1 567	791	6 508	2 832	3 244	3 989	4 932
–	–	–	–	–	–	–	–	–	0	0	0	57	19
604 960	647 919	–	3 014 879	3 617 057	4 129 225	5 904 132	4 727 209	3 375 994	2 844 963	3 060 407	4 335 001	5 420 111	5 487 972
–	–	–	233 218	262 623	291 403	396 621	374 335	293 326	269 514	274 657	594 751	732 776	814 547
–	–	–	157 625	164 772	171 388	178 676	158 658	149 020	171 710	173 300	287 114	390 252	665 813
–	–	–	–	–	–	–	–	–	–	–	0	0	–
80 247	–	127 024	132 918	157 440	166 321	200 214	235 479	136 916	190 749	187 714	113 803	183 105	–
–	–	50 810	53 167	62 976	58 212	70 075	70 644	33 458	45 186	40 701	187	2 157	–
–	–	–	–	–	–	–	–	–	–	–	23	720	–
–	–	–	–	–	–	–	–	–	–	–	0	2 015	–
–	127 899	–	481 590	620 767	540 165	395 043	329 426	427 598	439 798	508 846	479 409	414 406	261 967
–	–	–	–	–	–	–	–	–	–	–	–	–	–
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–	–	–	–	–	–	–	–	–	–	–	–	–	–
1 745 214	2 895 079	3 349 528	3 044 844	3 140 893	3 552 896	3 416 033	3 452 969	3 511 452	3 123 147	3 200 147	3 694 671	3 849 536	4 154 261
–	–	–	–	–	–	–	–	–	457 424	918 105	924 095	926 447	593 518
–	–	–	–	–	–	–	–	–	0	0	0	0	0
–	–	–	–	–	–	–	–	–	19 060	38 254	38 504	102 937	31 238
817 949	807 895	816 539	851 877	850 147	731 911	876 837	850 309	834 835	888 643	657 003	812 471	1 092 554	1 189 016
–	–	4 800	6 238	16 561	4 378	103 069	50 452	41 228	28 646	33 405	20 932	–	5 450
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
2 113	197 454	246 316	202 379	194 976	162 344	187 910	185 493	148 720	140 205	148 542	156 633	140 143	197 229
–	–	–	–	–	–	–	–	–	–	–	–	–	–
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–	–	–	–	–	–	–	–	–	–	–	–	–	–
80 718	122 792	4 216 531	3 262 931	3 319 399	5 338 008	7 545 541	9 181 224	8 926 058	9 610 691	–	8 123 689	6 071 583	11 120 812
–	–	–	–	–	39 383	28 328	–	–	–	839 904	–	898 531	1 002 805
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
777 754	–	–	–	–	–	–	66 043	1 171 175	694 428	874 607	1 035 940	2 675 816	2 480 748
–	–	–	–	–	–	–	44 875	761 095	80 373	157 920	212 657	212 927	577 641
–	–	–	–	–	–	–	–	–	0	0	0	0	–
–	–	–	–	–	–	–	–	–	0	0	0	0	–

Annex 6D – Reported malaria cases by species, 1990-2011 (continued)

WHO Region	Country/area		1990	1991	1992	1993	1994	1995	1996	1997
African	Madagascar	Suspected	–	–	–	–	–	196 358	–	–
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Malawi	Suspected	3 870 904	–	–	4 686 201	4 736 974	–	6 183 290	2 761 269
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Mali	Suspected	248 904	282 256	280 562	295 737	263 100	95 357	29 818	384 907
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Mauritania	Suspected	26 903	42 112	45 687	43 892	156 080	214 478	181 204	189 571
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Mozambique	Suspected	–	–	–	–	–	–	12 794	–
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Namibia	Suspected	–	–	–	380 530	401 519	275 442	345 177	390 601
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Niger	Suspected	1 162 824	808 968	865 976	726 666	806 204	778 175	1 162 824	978 855
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Nigeria	Suspected	1 116 992	909 656	1 219 348	981 943	1 175 004	1 133 926	1 149 435	1 148 542
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Rwanda	Suspected	1 282 012	1 331 494	1 373 247	733 203	371 550	1 391 931	1 145 759	1 331 494
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Sao Tome and Principe	Suspected	–	–	–	–	–	51 938	47 074	47 757
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Senegal	Suspected	–	–	–	–	450 071	628 773	–	861 276
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Sierra Leone	Suspected	–	–	–	–	–	–	7 192	209 312
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	South Africa	Suspected	6 822	4 693	2 872	13 285	10 289	8 750	27 035	23 121
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Swaziland	Suspected	–	–	–	–	–	–	38 875	23 754
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Togo	Suspected	810 509	780 825	634 166	561 328	328 488	–	352 334	366 672
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Uganda	Suspected	–	–	2 446 659	1 470 662	2 191 277	1 431 068	–	2 317 840
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	United Republic of Tanzania ³	Suspected	10 715 736	8 715 736	7 681 524	8 777 340	7 976 590	2 438 040	4 969 273	1 131 655
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Mainland	Suspected	–	–	–	–	–	–	–	–
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Zanzibar	Suspected	–	–	–	–	–	–	–	–
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Zambia	Suspected	1 933 696	2 340 994	2 953 692	3 514 000	3 514 000	2 742 118	3 215 866	–
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Zimbabwe	Suspected	662 613	581 168	420 137	877 734	324 188	761 791	1 696 192	1 849 383
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
Region of the Americas	Argentina	Suspected	22 625	16 844	13 619	11 389	14 070	12 986	12 833	9 684
		No Pf	1	3	0	1	1	0	0	0
		No Pv	1 659	800	643	757	947	1 065	2 048	592
		No Other	0	0	0	0	0	0	0	0
	Bahamas	Suspected	4	3	2	2	0	3	0	8
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Belize	Suspected	17 204	25 281	24 135	47 742	50 740	37 266	35 113	26 598
		No Pf	40	131	165	251	420	475	455	126
		No Pv	2 987	3 181	5 175	8 332	9 991	8 938	6 150	3 887
		No Other	6	5	1	0	0	0	0	0

1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
–	1 141 474	1 392 483	1 386 291	1 598 919	2 198 297	1 458 408	1 229 385	1 087 563	736 194	352 870	633 998	628 507	774 385
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
2 985 659	4 193 145	3 646 212	3 823 796	2 784 001	3 358 960	2 871 098	3 688 389	4 498 949	4 786 045	5 185 082	6 183 816	6 851 108	5 338 701
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
12 234	530 197	546 634	612 896	723 077	809 428	1 969 214	962 706	1 022 592	1 291 853	1 045 424	1 633 423	2 171 542	1 961 070
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168 131	253 513	–	243 942	224 614	318 120	224 840	223 472	188 025	222 476	201 044	174 820	244 319	154 003
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194 024	2 336 640	–	–	–	–	–	–	–	6 155 082	4 831 491	4 310 086	4 238 469	5 471 573
–	–	–	–	–	–	–	–	–	–	–	–	–	–
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353 110	429 571	–	538 512	445 803	468 259	610 799	339 204	265 595	172 024	155 399	102 956	39 855	74 407
–	–	–	–	–	–	–	–	–	–	1 092	505	556	335
–	–	–	–	–	–	–	–	–	–	0	0	0	0
–	–	–	–	–	–	–	–	–	–	0	0	0	0
872 925	815 895	–	1 340 142	888 345	681 783	760 718	817 707	886 531	2 617 792	2 760 722	2 670 958	7 592 288	3 157 482
–	–	–	–	–	–	53 637	74 129	44 612	54 515	60 998	77 485	39 021	67 159
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	1 113	1 245	1 581	–	–
2 122 663	1 965 486	2 476 608	2 253 519	2 605 381	2 608 479	3 310 229	3 532 108	3 982 372	2 969 950	2 834 174	4 295 686	3 873 463	4 306 945
–	–	–	–	–	–	–	–	–	–	–	–	523 513	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
1 279 581	906 552	–	1 329 106	1 519 315	1 735 774	1 915 990	2 409 080	2 379 278	2 318 079	2 096 061	3 186 306	2 708 973	1 602 271
–	–	–	–	–	–	–	–	–	–	316 242	698 745	638 669	208 858
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
46 026	37 026	66 250	84 993	94 249	86 546	105 341	73 050	60 819	49 298	179 061	119 877	58 961	6 504
–	–	–	–	–	–	–	–	–	–	–	–	2 219	6 363
–	–	–	–	–	–	–	–	–	–	–	–	14	4
–	–	–	–	–	–	–	–	–	–	–	–	0	6
948 823	1 145 112	1 123 377	931 682	960 478	1 414 383	1 195 402	1 346 158	1 555 310	1 170 234	737 414	584 873	–	–
–	–	44 959	14 261	15 261	28 272	23 171	38 746	49 366	78 278	24 830	19 614	–	–
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249 744	409 670	460 881	447 826	507 130	524 987	355 638	233 833	160 666	653 987	932 819	1 314 799	2 327 928	933 274
–	–	–	2 206	3 702	3 945	2 206	3 702	3 945	–	–	273 149	218 473	25 511
–	–	–	0	0	0	0	0	0	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
26 445	51 444	64 624	26 506	15 649	13 459	13 399	7 755	14 456	6 327	7 796	6 117	276 669	382 434
–	–	–	–	–	–	–	–	–	–	–	–	2 181	326
–	–	–	–	–	–	–	–	–	–	–	–	0	14
–	–	–	–	–	–	–	–	–	–	–	–	5	15
4 410	30 420	29 374	35 582	23 456	19 425	11 320	10 374	11 637	6 338	5 881	6 624	2 221	2 471
–	–	–	1 395	670	342	574	279	155	84	58	106	87	130
–	–	–	0	0	0	0	0	0	0	0	0	0	0
–	–	–	–	–	–	–	–	–	0	0	0	0	0
368 472	412 619	–	498 826	583 872	490 256	516 942	437 662	566 450	715 615	898 112	961 807	1 053 599	893 588
–	–	–	–	–	–	–	–	–	117 131	151 960	191 357	224 080	237 282
–	–	–	–	–	–	–	–	–	0	0	0	0	0
–	–	–	–	–	–	–	–	–	0	0	195	7	23
2 845 811	3 070 800	3 552 859	5 624 032	7 536 748	9 657 332	10 717 076	9 867 174	10 168 389	11 978 636	11 602 700	12 086 399	13 208 169	12 173 358
–	–	–	–	546 016	785 748	861 451	1 082 224	850 050	1 024 470	959 712	1 275 310	1 565 348	–
–	–	–	–	–	–	–	–	–	–	–	–	15 812	–
–	–	–	–	–	–	–	–	–	–	–	–	0	–
–	423 967	53 533	369 474	413 361	11 418 731	11 930 393	11 466 713	10 582 608	8 571 839	7 652 661	12 840 249	12 893 535	10 164 967
–	–	17 734	18 385	16 983	15 705	11 936	7 628	1 585	293	67	211	364	475
–	–	–	–	–	–	–	–	–	–	–	0	0	0
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	324 584	369 394	11 379 411	11 898 627	11 441 681	10 566 201	8 562 200	7 643 050	12 752 090	12 819 192	10 160 478
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	53 533	53 804	51 968	53 899	50 976	43 642	30 676	23 511	229 890	181 939	200 072	455 718
–	–	17 734	18 385	16 983	15 705	11 936	7 628	1 585	293	77	211	364	475
–	–	–	–	–	–	–	–	–	–	0	0	0	0
–	–	–	–	–	–	–	–	–	–	0	0	0	0
3 399 630	3 385 616	3 337 796	3 838 402	3 760 335	4 346 172	4 078 234	4 121 356	4 731 338	4 248 295	3 080 301	2 976 395	4 229 839	4 607 908
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	–
1 719 960	1 804 479	–	–	–	–	1 997 066	1 709 890	1 493 398	1 272 731	1 089 322	867 135	912 618	480 011
–	–	–	–	–	–	–	–	–	–	–	–	249 379	0
–	–	–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–	–	0
9 341	8 524	7 949	6 685	5 043	3 977	3 018	3 018	6 353	6 353	5 157	86	2 547	7 872
0	0	1	0	0	0	0	1	1	2	0	0	–	–
339	222	439	215	125	122	115	251	211	385	106	86	72	18
0	0	0	0	0	0	0	0	0	0	0	–	–	–
21	30	22	4	1	34	17	9	546	6	35	0	27 272	0
–	–	–	–	–	–	2	1	–	–	13	–	–	–
–	–	–	–	–	–	0	0	–	–	0	–	–	–
–	–	–	–	–	–	0	0	–	–	1	–	–	–
27 000	19 395	18 559	18 173	15 480	15 480	17 358	25 119	25 755	22 134	25 550	26 051	27 366	22 996
222	52	20	6	0	0	6	32	10	0	0	1	0	1
2 392	1 801	1 466	1 156	1 134	1 084	1 060	1 517	834	845	540	255	149	78
0	0	–	0	0	0	2	0	0	0	0	0	0	0

Annex 6D – Reported malaria cases by species, 1990-2011 (continued)

WHO Region	Country/area		1990	1991	1992	1993	1994	1995	1996	1997
Region of the Americas	Bolivia (Plurinational State of)	Suspected	121 743	125 509	125 414	125 721	128 580	152 748	161 077	141 804
		No Pf	652	1 103	2 757	5 375	4 833	3 374	4 252	5 381
		No Pv	19 028	17 928	21 729	22 100	29 916	43 537	59 760	46 097
		No Other	0	0	0	0	0	0	0	0
	Brazil	Suspected	3 294 234	3 283 016	2 955 196	2 551 704	2 671 953	2 582 017	2 159 551	1 869 382
		No Pf	252 191	265 597	267 054	176 379	197 009	203 402	135 132	95 084
		No Pv	308 184	348 722	342 650	289 656	367 251	361 560	318 331	296 686
		No Other	21	112	156	180	146	765	1 731	1 206
	Colombia	Suspected	496 087	740 938	736 426	656 632	572 924	667 473	461 137	583 309
		No Pf	35 490	70 868	69 274	42 508	34 070	62 687	37 315	66 261
		No Pv	63 855	113 173	114 690	86 816	93 108	124 354	98 573	114 544
		No Other	144	115	59	53	40	41	35	105
	Costa Rica	Suspected	130 530	130 530	149 198	140 435	143 721	143 408	148 161	155 925
		No Pf	5	22	16	8	3	16	65	45
		No Pv	1 146	3 251	6 935	5 025	4 442	4 499	5 415	4 667
		No Other	0	0	0	0	0	0	0	0
	Dominican Republic	Suspected	297 599	343 491	299 549	290 073	316 182	380 143	436 473	446 874
		No Pf	334	367	694	983	1 664	1 807	1 112	812
		No Pv	22	10	4	4	5	1	2	4
		No Other	0	0	0	0	1	0	0	0
	Ecuador	Suspected	363 080	346 465	377 321	419 590	301 546	253 714	162 128	174 692
		No Pf	21 871	13 868	15 970	21 646	10 241	4 738	1 886	3 091
		No Pv	49 799	45 532	25 119	25 213	19 765	13 390	10 028	13 274
		No Other	0	0	0	0	0	0	0	0
	El Salvador	Suspected	230 246	190 540	202 446	172 624	139 587	169 267	164 491	166 895
		No Pf	18	18	6	4	5	6	4	5
		No Pv	9 251	5 915	4 533	3 883	2 798	3 356	5 884	2 714
		No Other	0	0	0	0	0	0	0	0
	French Guiana, France	Suspected	49 192	55 242	56 925	49 993	48 242	52 521	46 780	42 631
		No Pf	2 607	1 745	2 796	3 154	3 809	4 137	3 980	2 349
		No Pv	3 292	1 663	1 151	720	415	545	687	715
		No Other	10	71	125	100	17	29	57	131
	Guatemala	Suspected	305 791	361 743	396 171	276 343	133 611	135 095	97 586	140 113
		No Pf	1 008	1 616	1 480	2 094	423	671	130	879
		No Pv	40 703	56 070	56 080	39 774	21 634	23 490	20 140	31 220
		No Other	0	0	0	0	0	17	0	0
	Guyana	Suspected	135 260	141 046	159 108	172 469	168 127	291 370	262 526	229 710
		No Pf	12 904	23 397	23 871	18 091	22 503	29 976	18 239	20 238
		No Pv	9 777	18 807	15 831	15 081	17 153	29 335	15 836	11 865
		No Other	0	0	0	0	0	0	0	0
	Haiti	Suspected	13 743	81 763	37 957	10 045	54 973	–	69 853	35 132
		No Pf	4 806	25 511	13 457	853	–	–	18 877	5 870
		No Pv	0	–	0	0	–	–	0	–
		No Other	0	–	0	0	–	–	0	–
	Honduras	Suspected	418 513	468 811	471 950	372 180	361 776	373 364	305 167	310 815
		No Pf	659	1 731	1 216	448	568	1 124	874	858
		No Pv	52 436	71 621	69 622	44 065	52 110	58 322	73 613	65 005
		No Other	0	0	0	0	0	0	0	0
	Jamaica	Suspected	281	3	6	6	3	5	206	110
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Mexico	Suspected	1 503 208	1 596 427	1 668 729	1 816 340	1 923 775	1 965 682	2 053 773	1 950 935
		No Pf	62	278	129	202	63	73	87	67
		No Pv	44 451	26 287	16 041	15 591	12 801	7 243	6 206	4 979
		No Other	0	0	0	0	0	0	0	0
	Nicaragua	Suspected	466 558	364 786	381 715	440 891	374 348	493 399	461 989	410 132
		No Pf	1 568	1 702	2 192	2 492	1 524	3 844	2 733	1 815
		No Pv	34 217	25 951	24 674	41 445	40 551	67 536	73 536	50 043
		No Other	0	0	0	0	0	0	0	0
	Panama	Suspected	315 359	336 569	308 359	278 557	237 992	222 498	188 914	193 853
		No Pf	105	118	113	20	18	18	25	179
		No Pv	276	997	614	461	717	712	451	326
		No Other	0	0	0	0	0	0	0	0
	Paraguay	Suspected	98 417	127 807	149 523	164 146	96 885	86 664	68 151	83 104
		No Pf	55	18	10	1	12	35	5	1
		No Pv	2 857	2 965	1 279	435	571	862	632	565
		No Other	0	0	0	0	0	1	0	1
	Peru	Suspected	90 040	109 654	123 147	158 325	295 824	833 614	1 162 230	1 299 929
		No Pf	131	187	793	9 634	21 203	37 591	50 009	53 016
		No Pv	28 693	33 502	54 129	85 504	100 801	152 868	161 375	127 287
		No Other	58	16	0	84	35	62	124	35
	Suriname	Suspected	18 594	18 399	13 765	26 079	29 148	38 613	68 674	94 508
		No Pf	1 584	1 402	1 326	5 930	4 384	6 249	14 942	9 251
		No Pv	21	33	25	84	240	256	744	1 125
		No Other	3	55	53	113	80	101	258	245
	Venezuela (Bolivarian Republic of)	Suspected	361 194	375 473	336 571	290 483	210 890	302 487	285 326	271 989
		No Pf	9 135	8 182	5 004	3 501	3 677	4 251	4 098	4 064
		No Pv	25 944	34 641	16 365	8 988	12 617	18 168	17 714	18 272
		No Other	3	3	47	50	17	82	40	64
Eastern Mediterranean	Afghanistan	Suspected	735 624	768 685	–	431 353	683 034	602 320	590 624	540 050
		No Pf	1 832	4 312	–	2 383	4 459	4 158	2 501	5 878
		No Pv	315 647	293 293	–	121 040	27 142	182 687	75 749	183 989
		No Other	0	0	–	0	0	0	0	0
	Djibouti	Suspected	11 463	26 761	28 636	–	25 366	–	–	–
		No Pf	3 072	7 165	7 296	–	6 048	–	–	–
		No Pv	165	170	172	–	92	–	–	–
		No Other	0	0	0	–	0	–	–	–

1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
176 023	159 618	143 990	122 933	137 509	158 299	168 307	214 021	220 616	181 816	169 826	134 595	140 857	150 662
11 414	7 557	2 536	808	727	793	695	1 080	1 785	1 622	836	561	773	214
62 499	42 480	28 932	14 957	13 549	17 319	14 215	19 062	17 210	12 988	8 912	8 660	11 444	5 877
0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 089 175	2 435 451	2 562 576	2 274 610	2 118 491	2 009 414	2 194 780	2 660 539	2 959 489	2 986 381	2 726 433	2 711 062	2 713 459	2 568 081
105 945	121 228	131 616	81 333	80 188	88 174	110 422	155 169	145 858	93 591	49 358	47 831	47 406	32 007
345 820	473 437	478 212	306 396	267 245	320 378	354 366	450 687	403 383	364 912	266 300	258 271	283 384	231 618
1 461	888	932	574	826	298	216	211	228	149	88	112	184	142
190 553	268 355	478 820	747 079	686 635	640 453	562 681	493 562	451 240	589 755	493 135	436 366	521 342	418 159
100 890	25 389	51 730	100 242	88 972	75 730	55 158	43 472	46 147	54 509	22 392	21 442	32 900	14 650
89 663	41 137	92 702	130 991	115 944	105 226	87 083	78 157	73 949	70 753	56 838	57 111	83 255	44 701
0	319	0	0	0	0	0	0	0	0	0	0	48	16
103 976	96 454	61 261	43 053	17 738	9 622	9 204	12 767	24 498	22 641	17 304	4 829	15 599	10 690
15	15	12	1	2	14	5	3	32	11	0	1	2	4
5 133	3 983	1 867	1 362	1 008	704	1 284	3 538	2 667	1 212	966	261	112	13
0	0	0	0	0	0	0	0	0	0	0	0	0	0
453 850	453 720	427 297	411 431	391 216	349 717	322 948	397 108	446 839	435 649	381 010	353 336	495 637	421 405
1 999	3 584	1 226	1 034	1 292	1 528	2 353	3 829	3 519	2 708	1 839	1 643	2 480	1 614
7	5	7	4	4	1	2	8	6	3	1	0	2	2
0	0	0	0	0	0	0	0	0	0	0	0	0	0
300 752	444 606	544 646	538 757	403 225	433 244	357 633	358 361	318 132	352 426	387 558	451 732	488 830	460 785
21 448	50 158	48 974	37 491	20 015	10 724	5 891	2 212	1 596	1 158	396	551	258	296
22 248	37 462	55 624	71 412	66 742	41 341	22 839	14 836	8 267	7 306	4 495	3 569	1 630	937
0	0	0	0	0	0	0	0	0	0	0	0	0	0
161 900	144 768	279 072	111 830	115 378	102 053	94 819	102 479	113 754	95 857	97 872	83 031	115 256	100 883
11	9	9	2	0	2	1	2	1	2	1	1	2	3
1 171	1 221	744	360	117	83	111	65	48	38	32	19	22	12
0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 462	47 974	48 162	44 718	44 718	32 402	32 402	32 402	32 402	32 402	11 994	20 065	14 373	14 429
2 658	4 567	3 051	3 166	2 547	3 080	2 437	1 777	1 847	845	406	400	203	154
552	564	657	657	954	759	600	1 637	2 227	1 804	925	1 003	492	339
210	214	214	0	160	0	0	71	27	23	10	6	5	5
47 689	192 710	246 642	198 114	197 113	156 227	148 729	178 726	168 958	132 410	175 678	156 652	237 075	195 080
1 049	1 708	1 474	1 044	1 841	1 310	852	1 062	804	196	50	50	30	107
35 355	45 284	50 171	34 772	33 695	29 817	28 103	38 641	30 289	15 182	7 148	7 024	7 163	6 707
0	0	36	0	0	0	0	48	0	0	0	0	0	0
296 596	255 228	209 197	211 221	175 966	185 877	151 938	210 429	202 688	178 005	137 247	169 309	212 863	201 693
22 799	16 144	12 324	12 831	10 599	12 970	12 226	16 438	9 818	4 677	5 741	6 206	11 244	15 945
18 401	11 139	11 694	14 291	11 296	14 654	16 141	21 255	10 560	6 712	5 927	6 029	8 402	9 066
0	0	0	0	0	3	446	1 291	686	267	147	102	132	96
34 449	1 196	21 190	51 067	51 067	51 067	30 440	3 541 506	87 951	142 518	168 950	270 438	270 427	135 136
34 449	1 196	16 897	9 837	9 837	9 837	10 802	21 778	32 739	29 824	36 768	49 535	84 153	32 048
0	0	0	0	0	0	0	0	0	1	6	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0
249 105	250 411	175 577	174 430	178 616	136 991	145 070	155 976	127 436	130 255	119 484	112 529	152 243	155 785
1 067	1 264	1 446	938	606	540	868	999	768	813	610	1 283	873	581
41 912	45 520	33 679	23 211	16 617	13 583	16 425	15 009	11 112	9 700	7 758	7 931	8 699	7 010
0	0	0	0	0	0	0	0	0	0	0	0	0	0
207	219	874	596	725	394	3 879	2 470	6 821	199	30 732	34 149	0	0
-	-	-	3	-	-	-	-	-	-	21	17	-	-
-	-	-	2	-	-	-	-	-	-	1	4	-	-
-	-	-	1	-	-	-	-	-	-	-	1	-	-
1 806 903	1 906 050	2 003 569	1 857 233	1 852 553	1 565 155	1 454 575	1 559 076	1 345 915	1 430 717	1 246 780	1 240 087	1 192 081	1 035 424
159	96	131	69	19	44	49	22	16	4	0	1	0	0
24 864	13 354	7 259	4 927	4 605	3 775	3 357	2 945	2 498	2 357	2 357	2 702	1 226	1 124
0	0	0	0	0	0	0	0	0	0	0	0	0	0
440 312	555 560	509 443	482 919	491 689	448 913	492 319	516 313	476 144	537 637	543 173	553 717	554 414	540 404
3 193	1 812	1 369	1 194	995	1 213	1 200	1 114	336	106	61	93	154	150
30 716	36 635	22 645	9 304	6 700	5 525	5 699	5 498	2 784	1 250	701	517	538	775
0	0	0	0	0	0	0	0	0	0	0	0	0	0
187 055	161 219	149 702	156 589	165 796	166 807	171 179	208 582	212 254	204 193	200 574	158 481	141 038	116 588
125	40	45	39	337	627	882	766	62	48	4	3	20	1
914	896	991	889	1 907	3 873	4 213	2 901	1 601	1 233	740	775	398	353
0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 944	101 074	97 026	71 708	99 338	126 582	97 246	85 942	111 361	92 339	96 313	64 660	62 178	48 611
3	2	0	4	1	4	1	0	2	2	7	10	5	6
2 087	9 944	6 853	2 706	2 777	1 388	693	376	821	1 337	333	81	22	3
1	0	0	0	0	0	0	0	0	0	0	0	0	0
1 942 529	2 027 624	1 483 816	1 417 423	1 582 385	1 485 012	1 438 925	1 438 925	1 438 925	1 438 925	861 290	36 886	29 337	22 878
84 289	67 215	20 618	17 687	21 174	19 154	20 905	15 058	8 437	7 766	4 487	3 910	2 296	2 596
162 695	94 077	47 690	61 680	78 000	66 588	72 676	72 611	56 488	43 031	33 895	32 976	26 872	20 282
79	0	13	11	10	13	0	-	-	-	-	0	0	0
73 481	65 087	63 377	67 369	68 070	43 241	56 975	59 855	45 722	33 992	29 911	34 717	17 074	15 315
10 193	11 685	10 648	13 217	9 752	8 782	6 738	6 931	2 331	547	838	832	638	310
1 699	1 371	1 673	1 229	1 648	1 047	915	1 611	733	509	639	895	817	382
520	883	811	1 549	1 388	0	726	589	225	14	17	18	36	17
333 786	218 959	261 866	198 000	278 205	344 236	420 165	420 165	479 708	396 338	414 137	370 258	400 495	382 303
5 248	3 531	5 491	2 774	2 572	5 562	4 620	6 026	6 928	8 077	5 021	7 739	10 629	9 724
15 733	15 548	24 829	17 224	26 907	26 111	41 972	38 985	30 111	33 621	26 437	27 002	32 710	34 651
65	7	1	8	12	46	63	38	23	51	579	1 087	60	6
-	696 082	366 865	-	-	-	280 301	548 503	789 186	869 144	935 043	847 666	-	936 252
13 665	9 131	5 115	-	84 528	44 243	12 789	5 917	6 216	6 283	4 355	4 026	6 142	5 581
-	153 253	89 240	-	330 083	316 697	229 233	110 527	79 913	85 919	77 219	60 854	63 255	71 968
-	0	-	-	0	0	0	0	0	0	0	0	0	0
-	-	-	-	-	-	-	3 969	-	7 945	6 305	-	-	-
-	-	-	-	-	-	-	413	1 796	210	119	-	1 019	-
-	-	-	-	-	-	-	0	0	0	0	-	0	-
-	-	-	-	-	-	-	0	0	0	0	-	0	-

Annex 6D – Reported malaria cases by species, 1990-2011 (continued)

WHO Region	Country/area		1990	1991	1992	1993	1994	1995	1996	1997
Eastern Mediterranean	Egypt ²	Suspected	–	–	–	–	–	–	–	–
		No Pf	69	19	10	13	475	–	21	9
		No Pv	6	5	6	4	20	–	–	2
		No Other	0	0	0	0	0	–	–	0
	Iran (Islamic Republic of)	Suspected	–	–	–	–	–	–	–	–
		No Pf	36 313	45 035	26 542	25 900	19 451	–	12 121	8 698
		No Pv	40 600	50 253	49 310	37 917	–	–	–	–
		No Other	4	8	8	18	–	–	–	–
	Iraq	Suspected	–	–	–	–	–	–	–	–
		No Pf	–	6	7	–	21	–	–	12
		No Pv	–	1 758	5 745	–	98 222	–	–	9 582
		No Other	–	0	0	–	0	–	–	0
	Oman	Suspected	–	–	–	–	–	–	–	–
		No Pf	30 907	17 817	13 958	16 149	6 543	1 282	754	552
		No Pv	1 777	1 426	845	694	669	513	500	469
		No Other	1	4	0	0	0	6	11	5
	Pakistan	Suspected	2 608 398	271 586	2 668 997	2 615 771	2 796 528	–	2 711 179	2 914 056
		No Pf	43 106	26 860	53 310	40 821	49 759	–	46 645	25 255
		No Pv	36 514	39 658	45 591	51 707	–	–	–	–
		No Other	0	0	0	0	–	–	–	–
	Saudi Arabia	Suspected	–	–	–	–	–	–	–	–
		No Pf	14 943	8 575	17 340	–	7 814	16 537	–	–
		No Pv	420	1 302	2 182	–	–	–	–	–
		No Other	303	80	101	–	–	–	–	–
	Somalia	Suspected	–	–	–	6 467	–	–	–	–
		No Pf	–	–	–	2 880	–	–	–	–
		No Pv	–	–	–	52	–	–	–	–
		No Other	–	–	–	103	–	–	–	–
	South Sudan	Suspected	–	–	–	–	–	–	–	–
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Sudan	Suspected	–	–	–	–	–	–	–	–
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Syrian Arab Republic ²	Suspected	–	–	–	–	97 436	–	84 496	68 154
		No Pf	–	24	15	–	–	–	27	19
		No Pv	–	26	438	–	145	–	–	–
		No Other	–	3	2	–	–	–	–	–
	Yemen	Suspected	80 986	103 700	126 580	172 403	160 687	–	–	8 533 872
		No Pf	11 170	12 345	–	–	34 735	–	–	553 937
		No Pv	178	318	–	–	–	–	–	–
		No Other	36	52	–	–	–	–	–	–
European	Armenia ¹	Suspected	0	0	0	0	196	502	347	841
		No Pf	0	0	0	0	0	0	0	0
		No Pv	0	0	0	0	196	502	347	841
		No Other	0	0	0	0	0	0	0	0
	Azerbaijan	Suspected	24	113	27	23	667	2 840	13 135	9 911
		No Pf	0	0	0	0	0	0	0	0
		No Pv	24	113	27	23	667	2 840	13 135	9 911
		No Other	0	0	0	0	0	0	0	0
	Georgia	Suspected	1	2	1	0	1	1	7	1
		No Pf	0	0	0	0	0	0	0	0
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Kyrgyzstan	Suspected	1	1	2	0	6	3	26	13
		No Pf	0	0	0	0	0	0	0	1
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Russian Federation	Suspected	216	169	160	209	335	425	611	831
		No Pf	136	109	–	85	86	69	80	97
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Tajikistan	Suspected	175	294	404	619	2 411	6 103	16 561	29 794
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Turkey	Suspected	8 680	12 218	18 676	47 210	84 345	82 096	60 884	35 456
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Turkmenistan ¹	Suspected	1	17	11	3	9	10	14	14
		No Pf	0	0	0	0	0	0	0	0
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Uzbekistan	Suspected	28	12	25	36	21	27	51	52
		No Pf	0	3	9	6	2	0	2	0
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
South-East Asia	Bangladesh	Suspected	53 875	63 578	115 660	125 402	166 564	152 729	100 864	68 594
		No Pf	34 061	30 282	51 775	54 973	81 015	75 860	54 278	42 342
		No Pv	19 814	33 293	63 885	70 429	85 549	76 869	46 505	26 252
		No Other	–	–	–	–	–	–	–	–
	Bhutan	Suspected	9 497	22 126	28 900	28 116	39 852	23 188	15 696	9 029
		No Pf	4 231	13 138	14 092	12 943	16 474	7 540	6 026	3 614
		No Pv	5 266	8 988	14 808	15 173	22 427	15 655	9 670	5 415
		No Other	–	–	–	–	–	–	–	–

1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	17	9	8	44	39	23	27	28	76	81	82	-
-	-	0	-	2	1	4	0	2	2	4	13	3	-
-	-	0	-	0	0	0	0	0	0	0	0	0	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
4 523	3 247	2 546	2 158	2 382	4 475	1 380	2 219	1 199	1 266	938	485	339	463
28 416	-	-	17 145	13 176	19 087	12 441	16 747	14 710	14 322	10 337	5 485	2 610	2 668
12	-	-	0	0	0	0	0	0	0	0	0	0	0
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	1	1	0	0	1	0	2	3
-	-	-	-	-	346	154	47	24	3	5	1	4	7
-	-	-	-	-	0	0	0	0	0	0	0	0	0
-	-	-	-	-	-	-	-	-	-	-	-	-	-
523	456	316	283	266	299	158	153	100	93	94	160	140	109
551	416	366	336	315	428	449	385	341	602	870	718	1 039	1 423
19	29	12	16	9	13	8	6	2	2	1	2	3	0
3 187 814	3 440 986	-	7 024 978	7 530 636	8 662 496	6 074 739	8 671 271	8 680 304	9 330 723	8 330 040	7 973 246	8 110 801	9 374 714
24 910	30 347	-	41 771	32 591	39 944	32 761	42 056	37 837	39 856	24 550	37 079	73 857	-
-	-	-	83 504	75 046	85 176	93 385	85 748	86 999	88 699	79 868	95 604	143 136	-
-	-	-	0	0	-	538	0	-	15	36	0	0	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
38 661	-	-	2 360	1 999	1 234	867	798	984	2 349	833	1 649	883	1 045
-	-	-	678	567	462	352	254	280	515	658	672	1 023	1 719
-	-	-	28	42	28	13	6	12	0	0	12	24	19
-	-	-	-	102 540	28 356	55 423	63 770	-	-	120 060	106 341	220 698	99 403
-	-	-	-	15 732	7 571	11 436	12 516	16 430	16 058	36 167	24 698	5 629	-
-	-	-	-	0	0	0	0	0	617	738	504	0	-
-	-	-	-	0	0	0	0	0	0	0	0	0	-
-	-	-	-	-	-	-	-	-	-	201 036	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	112 024
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	4 597 254	4 555 054	4 440 882	2 398 239	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	17	27	35	46	38	22	37
-	-	-	-	-	-	-	-	-	-	-	1	0	9
-	-	-	-	-	-	-	-	-	-	-	0	0	0
-	-	-	-	667 794	612 693	611 552	629 380	962 017	740 940	900 735	899 320	835 018	804 940
-	-	-	-	73 667	47 782	47 306	42 627	53 887	64 991	42 702	52 836	77 271	59 689
-	-	-	-	1 659	1 474	1 297	1 442	1 019	2 339	745	589	966	478
-	-	-	-	122	-	7	27	10	0	4	3	2	33
1 156	616	356	174	165	126	220	209	230	658	30 761	31 467	31 026	0
0	4	1	0	0	4	2	0	0	1	1	0	1	-
1 156	616	140	79	52	25	45	7	0	0	0	0	0	-
0	0	0	0	0	0	0	0	0	0	0	0	0	-
5 175	2 315	527 688	536 260	507 252	536 822	545 145	515 144	498 697	465 033	408 780	451 436	456 652	449 168
0	3	0	1	0	0	0	0	0	1	1	0	2	2
5 175	2 315	1 526	1 056	506	482	386	242	143	109	72	80	50	6
0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	51	245	3 574	6 145	5 457	3 365	5 169	4 400	3 400	4 398	4 120	2 368	2 032
0	0	0	0	1	2	1	0	1	0	1	5	0	3
-	-	245	438	473	314	255	155	59	24	7	1	0	3
-	-	0	0	0	0	0	0	0	1	0	1	0	0
11	5	70 500	72 020	69 807	144 070	79 895	114 316	74 729	62 444	40 833	33 983	30 190	27 850
0	0	0	0	1	0	0	0	1	0	0	0	0	1
-	-	12	28	2 742	468	93	226	318	96	18	4	6	4
-	-	0	0	0	0	0	0	0	0	0	0	0	0
1 081	792	795	898	642	533	382	205	143	35 784	28 340	27 382	33 024	28 311
-	63	60	-	48	51	43	31	41	42	47	62	60	39
-	-	-	-	-	-	-	-	-	76	46	40	34	40
-	-	-	-	-	-	-	-	-	4	3	5	5	6
19 351	13 493	233 785	248 565	244 632	296 123	272 743	216 197	175 894	159 232	158 068	165 266	173 523	173 367
-	-	831	826	509	252	151	81	28	7	2	1	1	5
-	-	18 233	10 561	5 651	5 176	3 437	2 228	1 316	628	316	164	111	73
-	-	0	0	0	0	0	0	0	0	0	0	0	0
36 842	20 963	1 597 290	1 550 521	1 320 010	1 187 814	1 158 673	1 042 509	934 839	775 502	616 570	606 875	507 841	421 295
-	-	7	11	12	12	13	32	29	29	23	16	49	97
-	-	11 424	10 799	10 209	9 209	5 289	2 052	767	329	191	65	28	30
-	-	1	2	3	1	0	0	0	0	1	3	0	1
137	49	50 105	50 075	59 834	72 643	71 377	56 982	58 673	65 666	75 524	94 237	81 784	0
0	0	-	-	0	0	0	0	0	0	0	0	0	-
-	-	24	8	18	7	3	1	1	0	1	0	0	-
-	-	0	0	0	0	0	0	0	0	0	0	0	-
74	85	735 164	691 500	735 164	812 543	893 187	917 843	924 534	858 968	883 807	916 839	921 364	886 243
-	3	1	0	1	0	0	0	3	2	0	1	0	1
-	-	125	77	72	74	66	102	73	87	27	3	5	0
-	-	0	0	1	0	0	0	0	0	0	0	0	0
437 928	386 153	437 838	516 052	527 577	679 981	512 876	462 322	341 293	270 137	526 701	569 767	649 552	390 102
42 222	44 363	39 475	39 274	46 418	41 356	46 402	37 679	24 828	44 910	34 920	18 242	52 012	17 543
17 801	19 360	16 124	14 942	15 851	13 298	12 492	10 442	8 029	13 063	14 409	6 853	3 824	2 579
-	-	-	-	-	-	-	-	-	-	-	-	-	-
7 693	12 237	152 890	65 974	74 696	61 246	54 892	60 152	66 079	51 446	47 389	62 790	54 760	44 494
3 985	6 531	2 738	2 915	3 207	1 518	966	853	772	288	136	559	140	87
3 708	5 706	3 197	2 805	3 015	2 126	1 580	871	963	414	148	413	261	92
-	-	-	-	-	-	-	-	-	0	0	0	0	0

Annex 6D – Reported malaria cases by species, 1990-2011 (continued)

WHO Region	Country/area		1990	1991	1992	1993	1994	1995	1996	1997
South-East Asia	Democratic People's Republic of Korea	Suspected	0	0	0	0	0	0	0	0
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	India	Suspected	2 018 783	2 117 460	2 125 826	2 207 431	2 511 453	2 988 231	3 035 588	2 660 057
		No Pf	752 118	918 488	876 246	852 763	990 508	1 173 599	1 179 561	1 007 366
		No Pv	1 266 665	1 198 972	1 249 580	1 354 668	1 520 945	1 814 632	1 856 027	1 652 691
		No Other	–	–	–	–	–	–	–	–
	Indonesia	Suspected	1 484 496	1 631 710	1 431 284	1 337 373	1 698 040	1 510 425	1 747 287	1 325 633
		No Pf	8 544	7 544	6 888	11 433	9 646	2 967	6 178	7 490
		No Pv	166 505	132 808	103 116	134 906	136 730	140 396	173 700	123 594
		No Other	–	–	–	–	–	–	–	–
	Myanmar	Suspected	989 042	1 959 860	1 702 210	1 483 408	1 323 458	1 156 351	1 054 920	883 050
		No Pf	112 928	107 079	106 695	100 570	95 791	83 397	78 910	72 753
		No Pv	20 112	19 877	19 006	16 154	15 832	17 051	17 293	15 853
		No Other	–	–	–	–	–	–	–	–
	Nepal	Suspected	847 491	781 543	725 068	596 689	430 801	338 189	204 355	160 253
		No Pf	1 853	5 066	2 954	1 609	1 200	844	951	252
		No Pv	21 003	24 069	20 280	14 771	8 684	8 868	8 069	6 307
		No Other	–	–	–	–	–	–	–	–
	Sri Lanka	Suspected	287 384	400 263	399 349	363 197	273 502	142 294	184 319	218 550
		No Pf	57 736	76 541	82 655	77 970	47 638	119 056	44 957	54 694
		No Pv	223 245	323 722	316 694	285 227	225 864	23 238	139 362	163 856
		No Other	–	–	–	–	–	–	–	–
	Thailand	Suspected	273 880	198 383	168 370	115 220	102 119	82 743	87 622	97 540
		No Pf	173 265	122 730	97 389	68 270	57 073	45 268	46 550	48 318
		No Pv	99 369	87 136	70 981	46 950	45 046	37 475	41 072	49 222
		No Other	–	–	–	–	–	–	–	–
	Timor-Leste	Suspected	–	–	–	–	–	–	–	–
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
Western Pacific	Cambodia	Suspected	123 796	102 930	91 000	99 200	85 012	76 923	74 883	88 029
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	China	Suspected	117 359	101 600	74 000	59 000	62 000	47 118	33 382	26 800
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Lao People's Democratic Republic	Suspected	22 044	41 048	38 500	41 787	52 601	52 021	77 894	72 190
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Malaysia	Suspected	50 500	39 189	36 853	39 890	58 958	59 208	51 921	26 649
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Papua New Guinea	Suspected	104 900	86 500	86 500	66 797	65 000	99 000	71 013	38 105
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Philippines	Suspected	86 200	86 400	95 778	64 944	61 959	56 852	40 545	42 005
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Republic of Korea	Suspected	0	0	0	1	20	107	396	1 724
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Solomon Islands	Suspected	116 500	141 400	153 359	126 123	131 687	118 521	84 795	68 125
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Vanuatu	Suspected	28 805	19 466	13 330	10 469	3 771	8 318	5 654	6 099
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–
	Viet Nam	Suspected	123 796	187 994	225 928	156 069	140 120	100 116	84 625	65 859
		No Pf	–	–	–	–	–	–	–	–
		No Pv	–	–	–	–	–	–	–	–
		No Other	–	–	–	–	–	–	–	–

Suspected cases are calculated by adding "Examined cases" to "Probable cases"

Probable cases are calculated by subtracting "Confirmed cases" from "Probable and Confirmed cases"

¹ Armenia, Morocco and Turkmenistan are certified malaria free countries, but are included in this listing for historical purposes

² There is no local transmission

³ Where national totals for the United Republic of Tanzania are unavailable, refer to the sum of Mainland and Zanzibar

1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
2 100	15 362	204 428	372 875	272 037	76 104	45 066	16 094	12 983	10 626	24 299	34 818	25 147	26 513
–	–	–	0	0	0	0	0	0	0	0	0	0	0
–	–	–	115 615	98 852	16 538	15 827	6 728	6 913	4 795	16 989	14 845	13 520	16 760
–	–	–	–	–	–	–	–	–	0	0	0	0	0
2 222 748	2 284 713	86 790 375	90 389 019	91 617 725	99 136 143	97 111 526	104 120 792	106 606 703	94 855 000	95 734 579	112 496 076	119 279 429	108 851 847
1 030 159	1 141 359	1 047 218	1 005 236	897 446	857 101	890 152	805 077	840 360	741 076	775 523	839 877	834 364	667 324
1 192 589	1 143 354	984 572	1 080 248	943 781	1 012 302	1 025 211	1 011 492	944 769	767 851	750 687	723 697	765 622	645 299
–	–	–	–	–	–	–	–	–	–	–	–	–	–
1 708 020	1 243 213	1 432 178	4 113 458	3 582 566	3 555 381	3 857 211	2 206 129	2 219 308	2 556 631	2 185 836	2 733 407	2 783 648	2 027 949
10 866	21 003	89 289	85 596	98 430	81 591	98 729	127 594	160 147	–	127 813	95 557	110 037	125 412
169 104	116 999	156 323	190 608	190 048	161 180	145 868	147 543	177 006	159 179	125 150	93 801	108 263	113 664
–	–	–	–	–	–	–	–	–	–	0	240	705	1 172
893 313	851 297	843 087	954 155	1 016 514	1 020 477	883 399	787 691	820 290	1 159 516	1 230 444	1 136 064	1 277 568	1 210 465
85 658	98 261	95 499	130 029	133 187	138 178	114 523	124 644	149 399	148 010	167 562	121 636	70 941	59 604
19 052	20 419	21 802	35 783	35 030	35 151	34 045	37 014	50 667	53 351	52 256	40 167	29 944	28 966
–	124	252	941	864	867	501	638	453	433	288	319	346	162
175 879	132 044	197 075	266 917	304 200	383 322	293 836	361 936	327 981	265 997	302 774	270 798	213 353	188 702
776	1 089	560	428	2 165	1 195	743	1 181	1 358	1 295	792	575	550	219
8 119	8 610	7 056	6 216	10 621	8 200	3 892	5 691	3 932	3 870	3 096	2 760	2 349	1 631
–	–	–	–	–	–	–	–	–	–	–	–	0	0
211 691	264 549	1 781 372	1 353 386	1 390 850	1 192 259	1 198 181	974 672	1 076 121	1 047 104	1 047 104	909 632	1 001 107	985 060
42 396	63 878	59 650	10 600	4 848	1 273	549	134	27	7	46	21	6	12
169 295	200 671	150 389	55 922	36 563	9 237	3 171	1 506	564	191	623	529	668	158
–	–	–	–	–	–	–	–	–	–	–	–	–	–
131 055	125 379	78 561	4 100 778	3 819 773	3 256 939	3 012 710	2 524 788	2 280 070	2 041 733	1 931 768	1 884 820	1 777 977	1 450 885
69 063	64 433	43 717	29 061	20 389	19 024	13 371	14 670	14 124	16 557	12 108	9 486	9 401	5 710
61 992	60 946	37 975	34 467	24 166	18 331	13 319	14 921	15 991	16 495	13 886	13 616	13 401	8 608
–	–	–	47	40	32	29	59	35	16	10	23	20	13
10 332	–	15 212	83 049	120 344	83 785	242 957	185 367	223 002	215 402	215 338	198 867	266 384	225 772
–	–	–	–	26 651	33 411	39 164	43 093	37 896	34 174	34 406	29 252	28 350	14 261
–	–	–	–	11 148	15 392	16 158	15 523	13 477	12 544	11 295	12 160	11 432	3 758
–	–	–	–	–	–	–	–	–	0	0	0	0	0
58 874	64 679	281 444	202 179	187 213	208 801	183 062	165 382	207 463	200 050	198 794	210 856	193 210	216 712
–	–	46 150	37 105	33 010	36 338	31 129	17 482	24 779	16 518	15 095	17 442	8 213	7 054
–	–	4 505	4 408	4 386	5 179	5 709	9 004	7 551	4 987	4 625	6 362	4 794	5 155
–	–	–	–	–	–	–	–	–	–	–	0	0	0
27 090	26 797	0	5 397 517	5 788 432	4 776 469	4 331 038	3 892 885	4 076 104	4 062 585	4 435 793	4 642 479	7 118 649	9 190 401
–	–	–	3 732	5 753	3 497	3 879	3 588	2 808	1 613	1 222	948	1 269	1 370
–	–	–	17 295	19 581	24 852	23 138	18 187	32 345	27 550	15 323	8 214	3 675	1 907
–	–	–	–	–	–	–	–	–	141	105	125	20	50
39 031	28 050	496 070	303 306	309 688	326 297	218 884	173 698	210 927	275 602	311 395	266 096	280 549	291 490
–	–	38 271	25 851	20 696	18 307	15 648	13 106	18 058	6 171	4 697	5 328	4 393	5 770
–	–	1 689	1 204	712	574	491	473	316	193	247	176	122	442
–	–	–	–	–	–	–	–	–	7	21	0	1	14
13 491	11 106	1 832 802	1 808 759	1 761 721	1 632 024	1 577 387	1 425 997	1 388 267	1 565 033	1 562 148	1 565 982	1 619 074	1 600 439
–	–	6 000	5 643	5 486	2 756	2 496	2 222	1 790	1 778	2 268	1 885	1 681	973
–	–	5 953	6 315	4 921	3 127	3 167	2 729	2 774	2 862	3 820	3 379	3 812	2 422
–	–	–	–	–	–	–	–	–	615	1 011	1 502	984	1 758
20 900	18 564	1 751 883	1 643 075	1 587 580	1 650 662	1 868 413	1 788 318	1 676 681	1 618 699	1 606 843	1 431 395	1 379 787	1 151 343
–	–	63 591	74 117	58 403	54 653	63 053	62 926	56 917	60 168	60 000	48 681	56 735	59 153
–	–	14 721	18 113	14 187	14 055	18 730	22 833	22 744	16 239	16 806	11 472	13 171	9 654
–	–	–	–	–	–	–	–	–	2 787	1 444	1 024	1 990	632
50 709	37 061	444 668	418 363	377 340	526 874	446 104	593 996	396 706	408 254	278 652	352 006	301 031	327 060
–	–	25 912	18 006	22 831	32 948	29 018	20 033	24 515	8 789	11 807	13 933	11 824	6 877
–	–	–	–	–	–	–	6 482	8 839	3 622	4 806	4 951	2 885	2 380
–	–	–	–	–	–	–	–	–	17	197	262	175	127
3 992	3 621	4 183	2 556	1 799	1 171	864	1 369	2 051	2 227	1 052	1 345	1 772	838
–	–	–	–	–	–	–	–	–	–	11	26	51	56
–	–	–	–	–	–	–	–	–	2 227	1 052	1 319	1 721	782
–	–	–	–	–	–	–	–	–	–	–	–	–	–
72 808	63 169	601 612	594 690	556 356	416 728	643 908	633 796	657 110	396 169	338 244	282 297	284 931	254 506
–	–	46 703	50 806	50 090	64 910	64 449	54 001	54 441	48 612	29 492	19 580	22 892	14 454
–	–	21 322	25 649	24 822	27 399	25 927	22 515	20 971	16 653	11 173	8 544	12 281	8 665
–	–	–	–	–	–	–	–	–	139	84	–	–	0
6 181	5 152	58 679	48 422	75 046	82 670	80 879	86 170	62 637	52 958	52 420	44 960	48 088	32 656
–	–	3 226	3 402	7 016	8 406	6 999	3 817	3 522	2 424	1 579	1 802	1 545	770
–	–	2 972	4 236	7 210	6 582	6 350	4 453	4 405	2 987	1 850	1 632	2 265	1 224
–	–	–	–	–	–	–	–	–	0	0	4	10	2
72 091	75 102	2 883 456	2 950 863	3 054 693	2 835 799	2 778 295	2 793 458	3 024 558	3 755 566	1 409 765	2 907 219	2 803 918	3 312 266
–	–	57 605	52 173	36 583	29 435	19 023	14 231	17 911	11 470	8 901	12 719	12 763	10 101
–	–	15 935	15 898	10 846	9 004	5 681	5 102	4 497	4 737	2 348	3 206	4 466	5 602
–	–	–	–	–	–	–	–	–	0	0	0	0	0

Annex 6E – Reported malaria deaths, 1990–2011

WHO Region	Country/area	1990	1991	1992	1993	1994	1995	1996	1997	1998
African	Algeria	–	–	–	–	–	–	–	–	2
	Angola	–	–	–	–	–	–	–	–	–
	Benin	–	–	–	–	–	–	–	–	682
	Botswana	–	–	–	–	–	–	–	141	23
	Burkina Faso	–	–	–	–	–	–	–	–	2 624
	Burundi	–	–	–	–	–	–	–	–	–
	Cameroon	–	–	–	–	–	–	–	–	–
	Cape Verde	–	–	–	–	–	–	–	–	–
	Central African Republic	–	–	–	–	–	–	–	–	374
	Chad	–	–	–	–	–	–	–	–	–
	Comoros	–	–	–	–	–	–	–	–	–
	Congo	–	–	–	–	–	–	–	–	–
	Côte d'Ivoire	–	–	–	–	–	–	–	–	1 337
	Democratic Republic of the Congo	–	–	–	–	–	–	–	–	–
	Equatorial Guinea	–	–	–	–	–	–	–	–	–
	Eritrea	–	–	–	–	–	–	–	–	404
	Ethiopia	–	–	–	–	–	–	–	–	–
	Gabon	–	–	–	–	–	–	–	–	–
	Gambia	–	–	–	–	–	–	–	–	–
	Ghana	–	–	–	–	–	–	–	–	2 798
	Guinea	–	–	–	–	–	–	–	–	13
	Guinea-Bissau	–	–	–	–	–	–	–	–	–
	Kenya	–	–	–	–	–	–	–	–	665
	Liberia	–	–	–	–	–	–	–	–	–
	Madagascar	–	–	–	–	–	–	–	–	–
	Malawi	57 649	–	–	–	–	–	–	35 982	–
	Mali	–	–	–	–	–	–	–	–	–
	Mauritania	–	–	–	–	–	–	–	–	279
	Mozambique	–	–	–	–	–	–	–	–	896
	Namibia	–	–	–	–	–	250	469	547	404
	Niger	–	–	–	–	–	–	–	1 018	1 823
	Nigeria	2 284	1 947	1 068	710	1 686	3 268	4 773	4 603	6 197
	Rwanda	–	–	–	–	–	–	–	–	2 736
	Sao Tome and Principe	–	–	–	–	–	–	–	–	154
	Senegal	–	–	–	–	–	–	–	1 205	1 029
	Sierra Leone	–	–	–	–	–	–	–	–	–
	South Africa	35	19	14	45	12	44	163	104	198
	Swaziland	–	–	–	–	–	–	–	–	109
	Togo	–	–	–	–	–	–	–	–	475
	Uganda	–	–	–	–	–	–	–	–	–
	United Republic of Tanzania ³	–	–	–	–	–	–	–	–	–
	Mainland	–	–	–	–	–	–	–	–	–
	Zanzibar	–	–	–	–	–	–	–	–	–
	Zambia	4 863	4 998	3 315	4 689	5 775	–	–	–	–
	Zimbabwe	–	–	–	–	–	–	–	1 192	1 248
Region of the Americas	Argentina	0	–	–	–	–	–	–	–	0
	Bahamas	0	0	0	0	0	0	0	0	0
	Belize	0	0	0	–	–	–	–	–	0
	Bolivia (Plurinational State of)	7	2	–	–	29	–	14	21	27
	Brazil	–	–	–	–	413	–	–	90	156
	Colombia	176	181	138	100	75	62	16	16	33
	Costa Rica	0	0	0	–	–	0	2	–	0
	Dominican Republic	2	0	7	–	11	14	5	5	14
	Ecuador	0	0	0	–	67	–	–	18	16
	El Salvador	0	0	–	–	–	–	–	–	0
	French Guiana, France	8	2	2	–	–	–	–	–	2
	Guatemala	180	127	–	–	–	–	–	0	9
	Guyana	–	4	14	–	150	–	–	32	34
	Haiti	–	101	–	–	–	–	61	–	25
	Honduras	–	–	–	–	–	–	–	–	0
	Jamaica	0	0	0	0	0	0	0	0	0
	Mexico	39	–	–	–	–	–	1	–	0
	Nicaragua	21	47	23	–	10	16	–	11	21
	Panama	1	1	1	0	0	0	0	0	0
	Paraguay	1	0	0	–	–	–	–	–	0
	Peru	–	–	–	–	39	39	46	59	52
	Suriname	1	4	–	10	20	20	14	10	7
	Venezuela (Bolivarian Republic of)	–	38	48	2	17	–	–	40	26
Eastern Mediterranean	Afghanistan	–	–	–	–	22	–	–	–	–
	Djibouti	–	–	–	–	–	–	8	–	–
	Egypt ²	–	–	–	–	0	–	–	–	–
	Iran (Islamic Republic of)	–	–	–	–	–	–	–	22	–
	Iraq	–	–	–	–	–	–	–	–	–
	Oman	–	–	–	–	1	2	2	–	–
	Pakistan	–	–	–	–	–	–	–	–	–
	Saudi Arabia	–	–	–	–	–	–	–	6	28
	Somalia	–	–	–	–	–	–	–	–	–
	South Sudan	–	–	–	–	–	–	–	–	–
	Sudan	1 434	1 898	1 935	2 404	2 464	2 759	1 944	1 825	1 958
	Syrian Arab Republic ²	–	–	–	–	–	–	–	–	–
	Yemen	–	–	–	–	–	–	–	–	–

1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
6	2	1	–	–	–	–	–	–	–	0	1	–
25 572	9 510	9 473	14 434	38 598	12 459	13 768	10 220	9 812	9 465	10 530	8 114	6 909
544	–	468	707	560	944	322	1 226	1 290	918	1 375	964	1 753
49	–	29	23	18	19	11	40	6	12	6	8	8
2 808	–	4 233	4 032	4 860	4 205	5 224	8 083	6 472	7 834	7 982	9 024	7 001
–	691	417	483	425	689	776	434	167	595	1 183	2 677	2 233
–	–	–	–	–	–	836	930	1 811	7 673	4 943	4 536	3 808
–	–	0	2	4	4	2	8	2	2	2	1	4
484	439	535	–	417	859	668	865	578	456	667	526	858
–	712	957	98	1 021	13	558	837	617	1 018	221	886	1 220
50	–	–	–	–	28	92	56	20	47	–	53	19
–	–	–	–	–	–	–	–	113	143	116	–	892
974	–	–	–	–	–	–	–	797	1 249	18 156	1 023	1 389
–	3 856	416	2 152	989	13 613	15 322	12 970	14 372	17 940	21 168	23 476	23 748
–	–	–	–	–	–	–	–	–	4	23	30	52
169	–	133	86	79	24	49	47	42	19	23	27	12
–	–	1 681	1 607	2 138	3 327	1 086	1 357	991	1 169	1 121	1 581	936
–	2 016	1 693	1 141	692	466	353	238	216	156	197	182	–
–	–	275	259	192	153	426	150	424	403	240	151	440
2 826	6 108	1 717	2 376	2 103	1 575	2 037	3 125	4 622	3 889	3 378	3 859	3 259
13	626	517	440	586	528	490	–	472	441	586	735	743
–	–	635	780	1 137	565	565	507	370	487	369	296	472
1 545	48 767	48 286	47 697	51 842	25 403	44 328	40 079	–	–	–	26 017	713
–	–	–	–	–	–	41	877	310	345	1 706	1 422	–
640	591	742	575	817	715	699	441	428	355	348	427	398
4 747	–	3 355	5 775	4 767	3 457	5 070	6 464	7 486	8 048	8 915	8 206	6 674
583	748	562	826	1 309	1 012	1 285	1 914	1 782	1 227	2 331	3 006	2 128
525	–	–	–	–	–	–	67	142	–	91	211	77
1 189	–	–	–	–	–	–	–	5 816	4 424	3 747	3 354	3 086
531	–	1 728	1 504	1 106	1 185	1 325	571	181	152	68	63	36
2 165	1 244	2 366	2 769	2 248	1 333	2 060	1 150	1 358	2 461	2 159	3 929	2 802
4 123	–	4 317	4 092	5 343	6 032	6 494	6 586	10 289	8 677	7 522	4 238	3 353
1 881	–	4 275	3 167	2 679	2 362	2 581	2 486	1 772	566	809	670	380
–	254	248	321	193	169	85	26	3	16	23	14	19
1 235	1 275	1 515	1 226	1 602	1 524	1 587	1 678	1 935	741	574	–	–
–	–	328	461	157	126	50	90	324	871	1 734	8 188	3 573
406	424	81	96	142	88	63	87	37	43	45	83	54
149	–	62	46	30	28	17	27	17	10	13	8	8
766	–	1 394	1 661	1 130	1 183	1 024	819	1 236	2 663	1 556	1 507	1 314
–	–	–	–	–	–	–	4 252	7 003	2 372	6 296	8 431	5 958
–	379	1 228	815	15 251	19 859	18 322	20 962	12 593	12 497	16 776	15 867	11 806
–	–	838	441	14 943	19 547	18 075	20 825	12 529	12 405	16 696	15 819	11 799
–	379	390	374	308	312	247	137	64	92	80	48	7
8 580	–	9 369	9 021	9 178	8 289	7 737	6 484	6 183	3 781	3 862	4 834	4 540
1 139	–	–	1 844	1 044	1 809	1 916	802	401	232	108	255	451
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	–
0	0	0	0	–	0	0	1	0	0	0	0	0
15	11	0	5	2	0	0	0	0	0	0	0	0
193	231	142	93	103	100	122	105	94	67	85	76	70
12	41	58	40	24	25	28	53	19	22	12	23	18
0	0	0	0	0	0	0	0	0	0	1	0	0
13	6	17	11	12	16	16	10	17	11	14	15	10
16	0	0	0	0	0	0	0	0	1	0	0	1
–	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	4	0	0	5	5	2	1	0	2
0	0	0	0	0	2	4	2	3	0	0	0	0
–	–	–	–	–	8	22	20	10	10	11	18	3
–	–	16	16	16	16	29	32	28	17	6	–	3
0	0	0	0	0	0	1	0	0	2	1	2	2
0	0	0	0	0	0	0	0	0	0	0	0	–
0	0	0	0	0	0	0	0	0	0	0	0	0
11	4	2	8	7	1	6	1	0	0	0	0	0
0	1	1	2	4	2	1	1	1	1	0	1	–
1	0	0	0	0	0	0	0	0	0	0	0	0
49	20	25	12	–	12	–	–	0	2	2	0	0
–	24	23	16	18	7	2	0	1	0	0	1	1
2	24	28	23	40	35	17	11	16	1	1	2	3
–	–	–	–	–	–	0	–	25	46	32	22	40
–	–	–	–	–	–	–	29	1	–	0	0	0
–	–	–	–	–	–	–	0	0	2	2	2	–
3	4	2	2	5	1	1	1	3	3	–	–	–
–	–	–	–	–	–	0	0	0	0	0	0	0
–	–	–	–	–	–	0	0	0	2	2	0	–
–	–	–	–	–	–	52	9	24	–	–	–	4
–	–	0	0	0	0	0	0	2	0	0	0	2
–	–	–	8	54	79	15	58	45	49	45	6	5
–	–	–	–	–	–	–	–	–	263	254	1 053	406
2 622	2 162	2 252	2 125	2 479	1 814	1 789	1 193	1 254	1 125	1 142	1 023	612
–	–	–	–	–	–	2	2	1	1	1	0	0
–	–	–	–	–	–	–	73	–	–	38	92	75

Annex 6E – Reported malaria deaths, 1990–2011 (continued)

WHO Region	Country/area	1990	1991	1992	1993	1994	1995	1996	1997	1998
European	Armenia	–	–	–	–	–	–	–	–	0
	Azerbaijan	0	0	0	0	0	0	0	0	0
	Georgia	0	0	0	0	0	0	0	0	–
	Kyrgyzstan	0	0	0	0	0	0	0	0	0
	Russian Federation	1	1	4	1	3	2	3	4	3
	Tajikistan	–	–	–	–	–	–	–	7	0
	Turkey	0	0	0	0	0	0	0	0	0
	Turkmenistan ¹	0	0	0	0	0	0	0	0	0
	Uzbekistan	0	1	0	1	0	0	0	0	0
South-East Asia	Bangladesh	50	132	402	382	1 278	1 393	794	469	528
	Bhutan	2	36	49	62	48	39	25	14	17
	Democratic People's Republic of Korea	–	–	–	–	–	–	–	–	–
	India	353	421	422	354	1 122	1 151	2 803	879	666
	Indonesia	–	–	–	–	–	–	148	199	45
	Myanmar	5 127	5 231	4 739	4 219	4 380	3 744	3 424	2 943	3 182
	Nepal	–	–	–	–	0	0	15	2	7
	Sri Lanka	14	19	9	7	50	5	26	61	115
	Thailand	1 287	1 747	1 050	997	908	856	826	764	688
	Timor-Leste	–	–	–	–	–	–	–	–	–
Western Pacific	Cambodia	1 020	1 163	1 408	1 100	1 009	614	745	811	621
	China	35	–	52	19	43	34	30	46	24
	Lao People's Democratic Republic	372	457	438	418	609	620	608	606	427
	Malaysia	43	–	25	23	28	35	40	25	27
	Papua New Guinea	457	–	500	448	281	415	514	390	651
	Philippines	913	924	864	811	784	643	536	514	561
	Republic of Korea	0	0	0	0	0	0	0	0	0
	Solomon Islands	33	46	33	40	49	51	30	27	33
	Vanuatu	32	32	26	13	8	12	8	1	9
	Viet Nam	3 340	4 646	2 632	1 026	604	348	203	152	183
Regional summary	African	67 115	6 964	4 397	6 154	7 473	3 562	10 178	49 395	30 821
	Region of the Americas	436	507	233	112	831	151	159	302	422
	Eastern Mediterranean	1 434	1 898	1 935	2 404	2 487	2 761	1 954	1 853	1 986
	European	1	2	4	2	3	2	3	11	3
	South-East Asia	6 833	7 586	6 671	6 021	7 786	7 188	8 061	5 331	5 248
	Western Pacific	6 245	7 268	5 978	3 898	3 415	2 772	2 714	2 572	2 536
	Total	82 064	24 225	19 218	18 591	21 995	16 436	23 069	59 464	41 016

■ Less than 18% of countries reporting in Africa during 1990–1999

Deaths reported before 2000 can be probable and confirmed or only confirmed deaths depending on the country

¹ Armenia, Morocco and Turkmenistan are certified malaria free countries, but are included in this listing for historical purposes

² There is no local malaria transmission

³ Where national totals for the United Republic of Tanzania are unavailable, refer to the sum of Mainland and Zanzibar

1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
0	–	0	0	0	0	0	0	0	0	0	–	–
0	0	0	0	0	0	0	0	0	0	0	–	–
0	–	0	0	0	0	0	0	0	0	0	0	–
0	0	0	0	0	0	0	0	0	0	0	0	–
3	2	3	2	4	5	3	4	2	2	1	0	–
–	–	0	0	0	0	0	0	0	0	0	0	–
0	0	0	0	0	0	0	0	1	3	1	0	–
0	0	0	0	0	0	0	0	0	0	0	0	–
0	0	0	0	0	0	0	0	1	0	0	0	–
552	484	470	598	574	505	501	508	228	154	47	37	36
16	15	14	11	14	7	5	7	2	2	4	2	1
–	–	–	–	–	–	–	–	–	0	0	0	–
1 048	892	1 015	973	1 006	949	963	1 708	1 311	1 055	1 144	1 018	753
–	833	–	–	–	508	88	494	–	669	900	432	388
3 331	2 556	2 814	2 634	2 476	1 982	1 707	1 647	1 261	1 087	972	788	581
–	–	1	3	5	7	10	42	3	–	8	6	2
–	77	52	30	4	1	0	1	1	0	0	0	–
740	625	424	361	204	230	161	113	97	101	70	80	43
–	–	–	–	–	65	71	68	60	33	53	58	16
891	608	476	457	492	382	296	396	241	209	279	151	94
52	31	27	42	52	31	48	37	18	23	10	19	33
338	350	242	195	187	105	77	21	14	11	5	24	17
21	35	46	38	21	35	33	21	18	30	26	13	–
567	617	562	647	537	619	725	668	559	628	604	616	431
755	536	439	71	162	167	145	124	73	56	24	30	12
0	0	0	0	0	0	0	0	1	0	0	–	–
23	38	55	61	71	51	38	12	15	21	53	34	19
4	3	4	13	14	3	5	1	5	4	2	1	1
190	142	91	50	50	34	18	41	20	25	26	21	14

73 053	77 642	103 036	110 516	152 657	114 045	137 269	136 955	102 490	103 401	130 969	148 880	103 126
317	362	312	226	230	224	248	241	194	138	134	138	113
2 625	2 166	2 254	2 135	2 538	1 894	1 859	1 365	1 355	1 491	1 516	2 198	1 144
3	2	3	2	4	5	3	4	4	5	2	0	0
5 687	5 482	4 790	4 610	4 283	4 254	3 506	4 588	2 963	3 101	3 198	2 421	1 820
2 841	2 360	1 942	1 574	1 586	1 427	1 385	1 321	964	1 007	1 029	909	621
84 526	88 014	112 337	119 063	161 298	121 849	144 270	144 474	107 970	109 143	136 848	154 546	106 824



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ISBN 978 92 4 156453 3

