Sierra Leone

African Region



I. Epidemiological profile

Population (UN Population Division)	2012	%	
High transmission (>1 case per 1000 population)	5 980 000	100	
Low transmission (0–1 cases per 1000 population)	0	0	
Malaria-free (0 cases)	0	0	
Total	5 980 000		



Parasites and vectors Major plasmodium species: P. falciparum (100%), P. vivax (0%) Major anopheles species: An. gambiae, funestus, melas Programme phase: Control Programme phase: Control

II. Intervention policies and strategies

Intervention	Policies/strategies	Yes/ No	Year adopted
ITN	ITNs/LLINs distributed free of charge ITNs/LLINs distributed to all age groups	Yes _	2010
IRS	IRS is recommended DDT is used for IRS	Yes No	2005
Larval control	Use of larval control	-	-
IPT	IPT used to prevent malaria during pregnancy	Yes	2005
Diagnosis	Patients of all ages should receive diagnostic test Malaria diagnosis is free of charge in the public sector	Yes Yes	2010 2008
Treatment	ACT is free for all ages in public sector Artemisinin-based monotherapies withdrawn Single dose of primaquine (0.25 mg base/kg) is used as gametocidal medicine for <i>P. falciparum</i> Primaquine is used for radical treatment of <i>P. vivax</i> G6PD test is a requirement before treatment with primaquine Directly observed treatment with primaquine is undertaken System for monitoring of adverse reaction to antimalarials exists	Yes Yes - - Yes	2010 - - - 2005

Intervention	Policies/st	trategies					es/ No	Year adopted
Surveillance	Surveillance ACD for case investigation (reactive)						-	-
			level of febr	le cases (p	pro-active)		-	-
			ndertaken				-	-
Uncomplicated P. falciparum cases routinely admitted						-	-	
	Uncomplicated P. vivax cases routinely admitted						-	-
Antimalaria tre	atment polic	:y			Me	dicine		Year adopted
First-line treatment of unconfirmed malaria				AS+AQ			2004	
First-line treatm	nent of <i>P. falc</i>	iparum			AL;	AS+AQ		2004
For treatment failure of P. falciparum QN				QN		2004		
Treatment of severe malaria AM; QN				M; QN		2004		
Treatment of P.	vivax					_		-
Dosage of prima	aquine for rad	dical treatr	nent of <i>P. viva</i>	IX				
Type of RDT use	ed							P.f only
Therapeutic efficacy tests (clinical and parasitological failure, %)								
Medicine	Year	Min	Median	Max	Follow-up	No. of studi	es	Species

