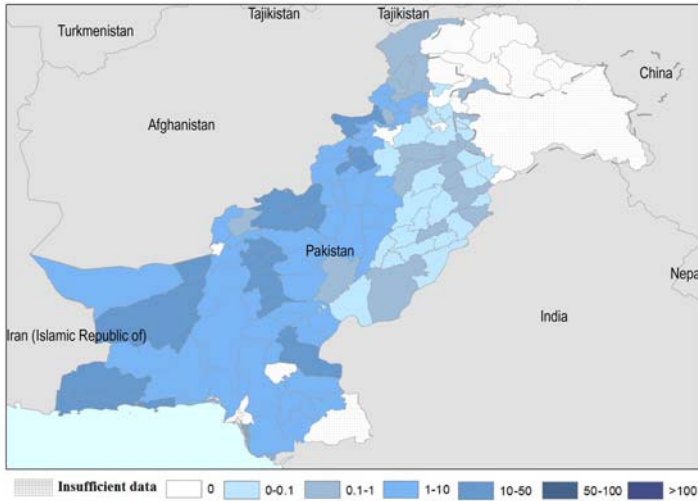


Distribution of confirmed malaria cases (per 1000 population)



Pakistan accounts for 43.2% of the population at high risk of malaria in the Eastern Mediterranean Region and 23.4% of the confirmed cases. The total reported number of available and functional LLINs in the country is 439181.

1. Malaria burden and risk

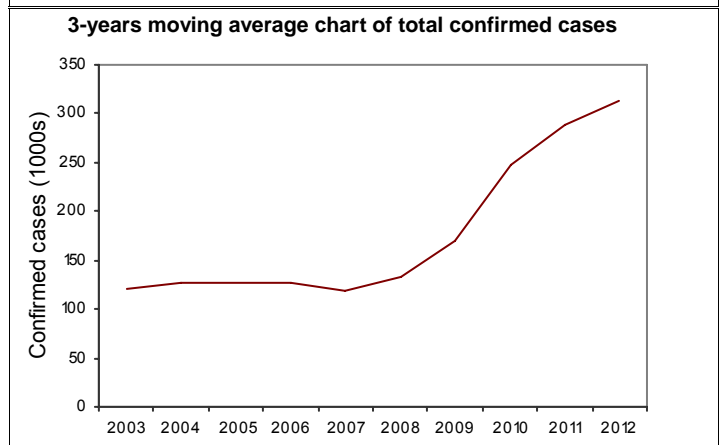
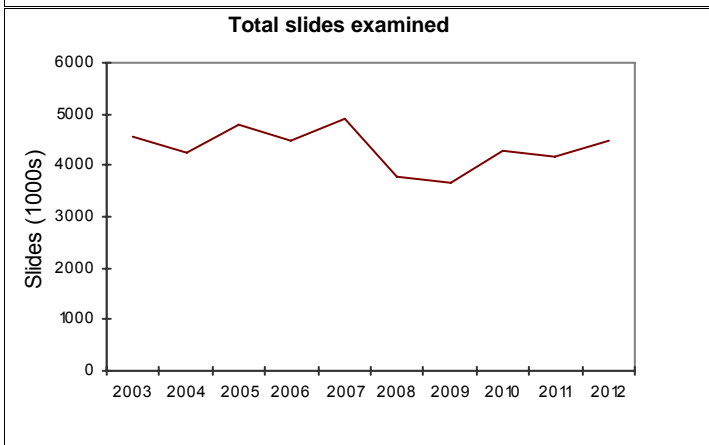
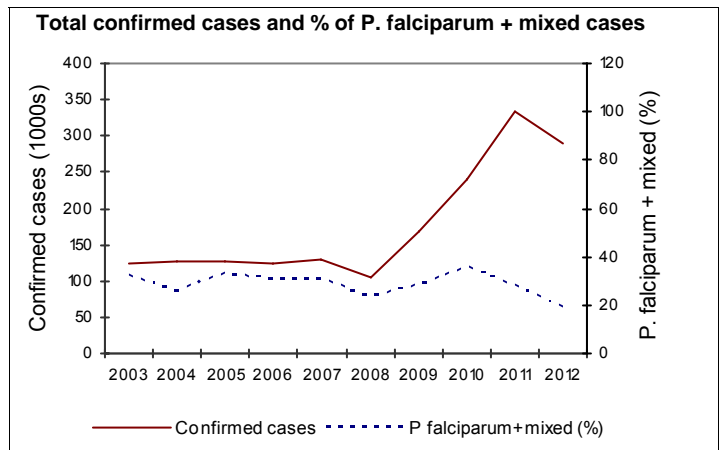
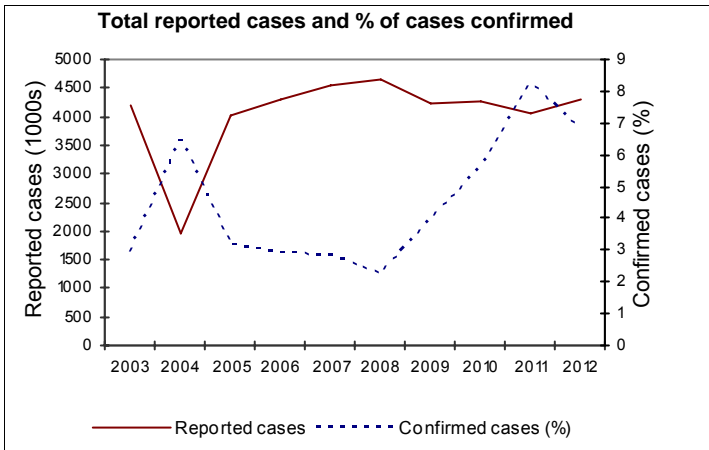
Population, endemicity and malaria burden

Population	Number	%
Total population	179 951 140	
Population under 5 years	22 295 621	12.4
Male population	91 421 105	50.8
Rural population	115 357 678	64.1

Population by malaria endemicity

High transmission (≥ 1 cases per 1000 population)	52 036 336	28.9
Low transmission (< 1 cases per 1000 population)	124 875 214	69.4
Malaria-free (0 cases)	3 039 590	1.7

Morbidity and mortality trends



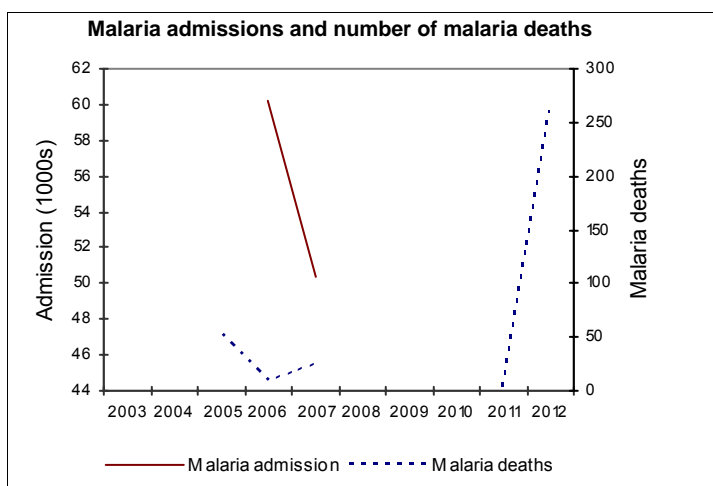
Parasite profile

P. vivax > *P. falciparum*

Vector profile

An. culicifacies

An. stephensi



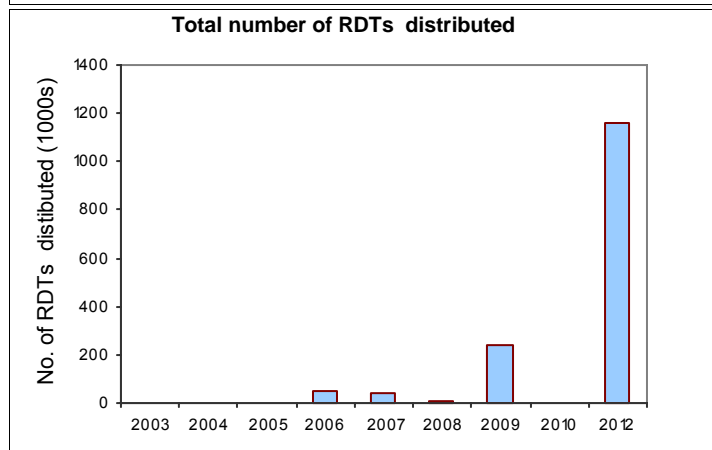
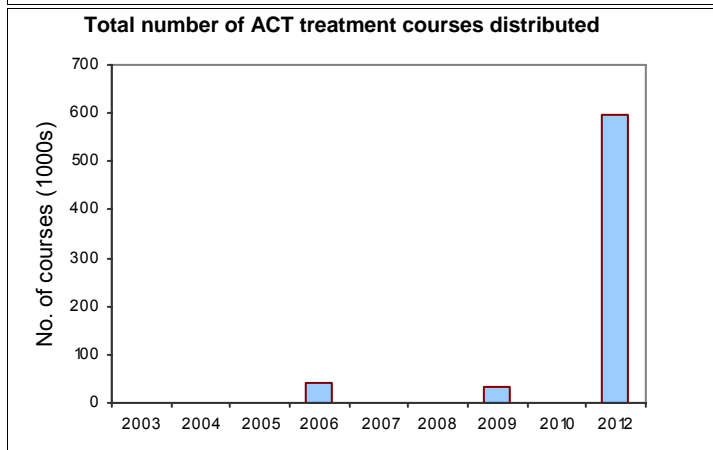
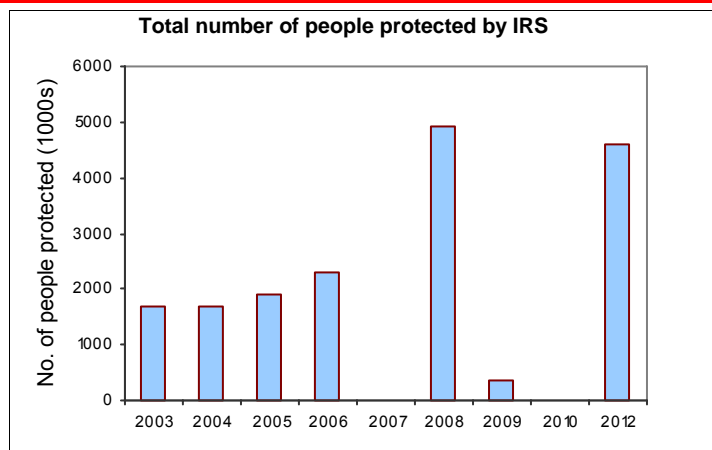
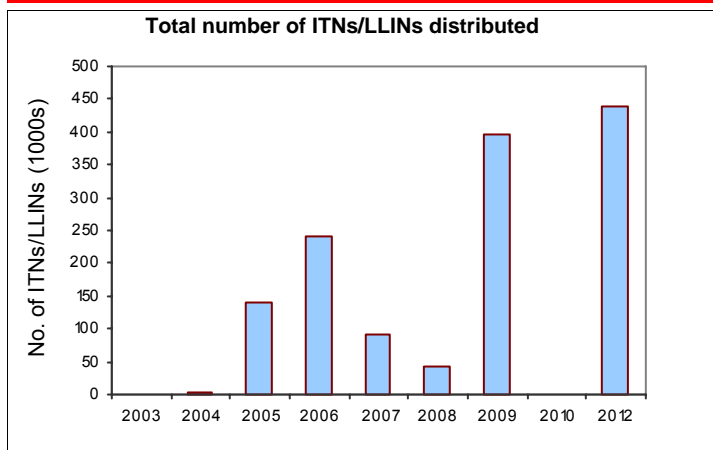
Malaria admissions and deaths

Year	Malaria admissions		Malaria deaths	
	All ages	Under 5 years	All ages	Under 5 years
2003				29
2004	58 389	24 714		
2005			52	52
2006	60 162	21 847	9	9
2007	50 409	18 812	24	24
2008				20
2009				
2010				
2011			4	
2012	57 188		260	

Reported malaria burden

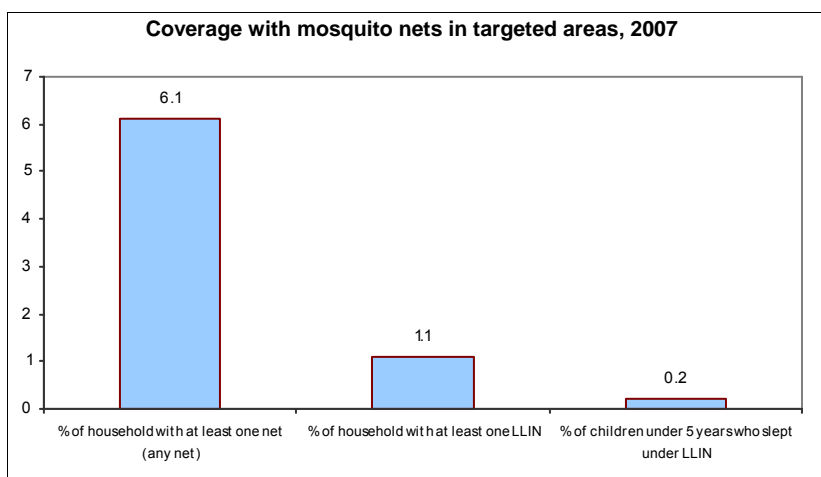
Year	Total reported cases	Confirmed cases			Number of tests			Microscopy	
		Total	Microscopy	RDTs	Total	Microscopy	RDTs	<i>P. falciparum</i> + mixed	<i>P. vivax</i> + others
2003	4 210 611	125 152	125 152		4 577 037	4 577 037		39 976	85 176
2004	1 958 350	126 719	126 719		4 243 108	4 243 108		32 796	93 923
2005	4 022 823	127 826	127 826		4 776 274	4 776 274		42 078	85 748
2006	4 314 637	124 910	124 910		4 490 577	4 490 577		37 911	86 999
2007	4 553 732	128 570	128 570		4 905 561	4 905 561		39 856	88 714
2008	4 658 701	104 454	104 454		3 775 793	3 775 793		24 550	79 904
2009	4 242 032	167 579	132 688	34 891	3 898 793	3 655 272	243 521	37 084	95 604
2010	4 281 356	240 591	220 870	19 721	4 561 070	4 281 346	279 724	77 734	143 136
2011	4 065 802	334 589	287 592	46 997	4 687 357	4 168 648	518 709	81 713	205 879
2012	4 285 449	290 781	250 526	40 255	4 908 279	4 497 330	410 949	46 841	203 685

2. Malaria control interventions coverage



Reported malaria control interventions

Year	Total number of ITNs/LLINs distributed	Total number of ACT treatment courses distributed	Total number of people protected by IRS	Total number of RDTs distributed
2003	0		1 696 380	
2004	2 000		1 690 668	
2005	140 000		1 901 004	
2006	240 000	39 856	2 291 520	46 200
2007	90 000			42 700
2008	41 400		4 938 975	8 000
2009	396 341	34 891	350 000	243 521
2010				
2012	439 181	596 600	4 584 426	1 156 690



3. National drug policy

Unconfirmed uncomplicated	CQ	
P. falciparum treatment	Uncomplicated	AS+SP
	Treatment failure (second line)	AL;QN
	Severe	AS;QN
P. vivax treatment	CQ+PQ(14d)	
Mixed infection treatment (PF+others)	AL+PQ	
Last drug policy update (year)	2010	

4. Financing malaria control

Government budget	Budget (US\$)	External contribution	Budget (US\$)
Government budget for malaria	2 500 000	Global Fund	15 231 843
Government expenditure for malaria			
Expenditure breakdown	Expenditure (US\$)		
Human resources & technical assistance	1 369 038		
Training	458 800		
ITNs/LLINs	5 230 500		
Insecticide & spraying materials	2 451 624		
Diagnostics	1 528 971		
Anti-malarial medicines	827 158		
Procurement & supply management	2 035 284		
Infrastructure & other equipments	387 933		
Communication and advocacy	127 887		
Planning, administration and overheads	424 676		
Monitoring and evaluation	306 745		
Others	83 226		