

Pakistan accounts for 28.6% of the population at high risk of malaria in the Eastern Mediterranean Region and 29.4% of the confirmed cases. The total reported number of available and functional LLINs in the country is 396341.

1. Malaria burden and risk

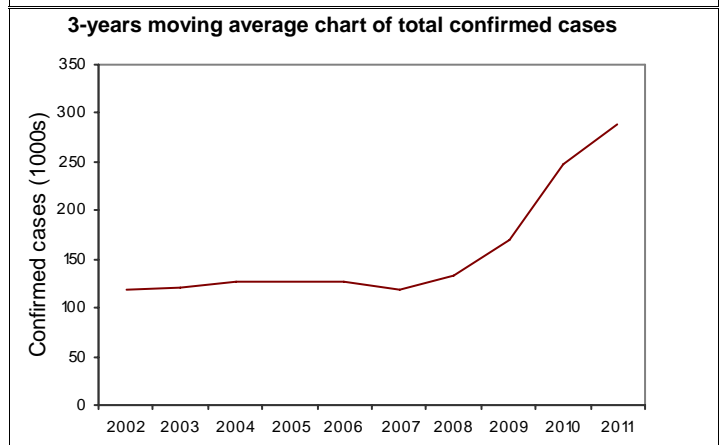
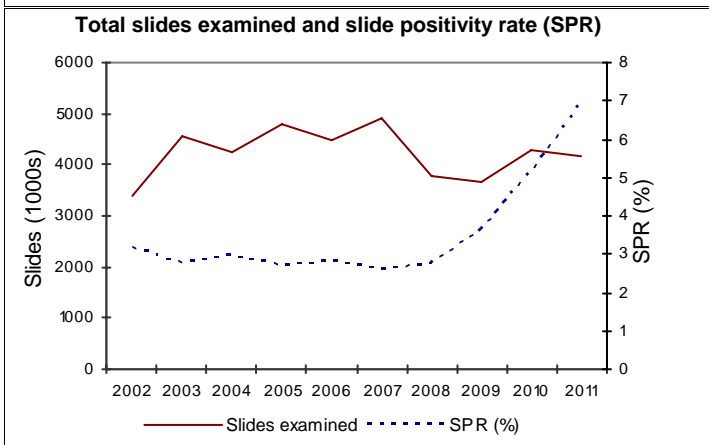
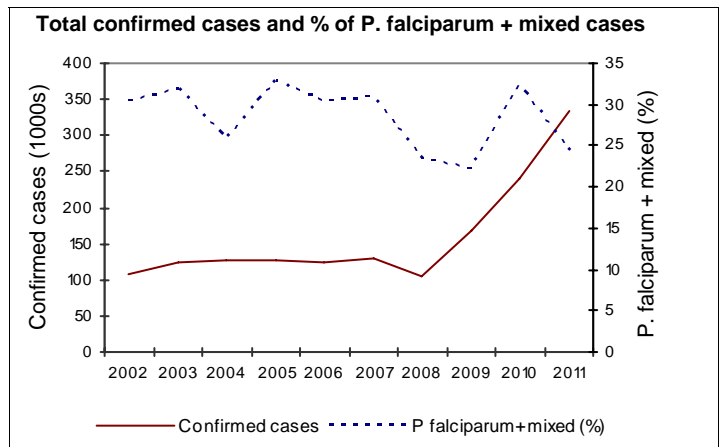
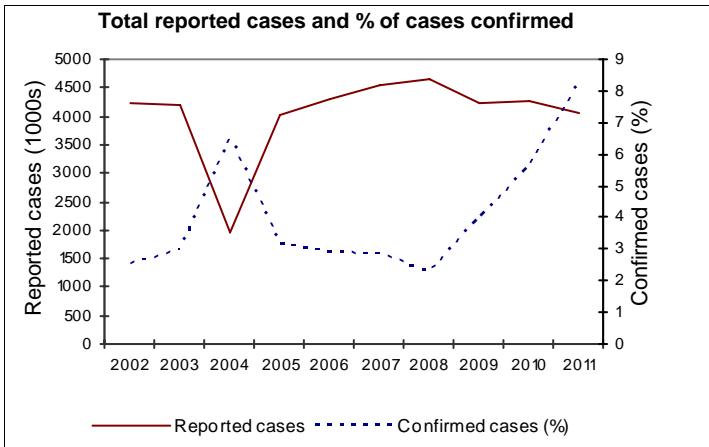
Population, endemicity and malaria burden

Population	Number	%
Total population	176 745 364	
Population under 5 years	22 063 564	12.5
Male population	89 808 112	50.8
Rural population	113 302 615	64.1

Population by malaria endemicity

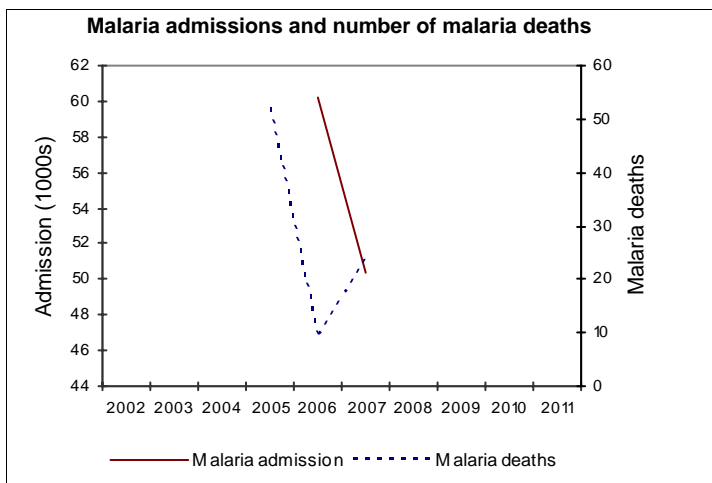
High transmission ( $\geq 1$ cases per 1000 population)	26 511 804	15.0
Low transmission ( $< 1$ cases per 1000 population)	148 466 106	84.0
Malaria-free (0 cases)	1 767 454	1.0

Morbidity and mortality trends



Parasite profile

*P. vivax* > *P. falciparum*



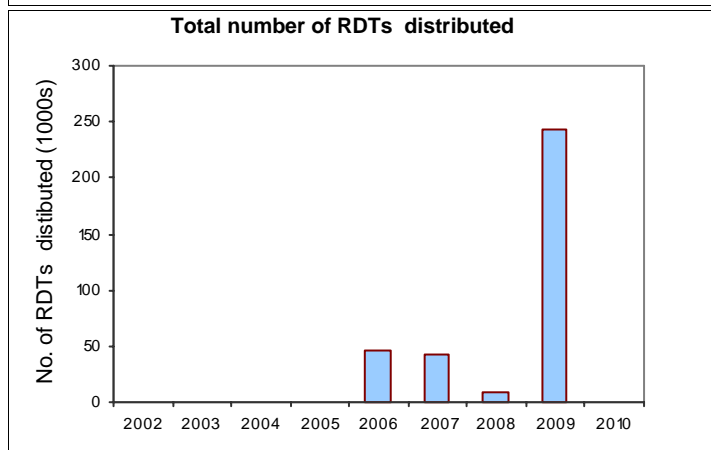
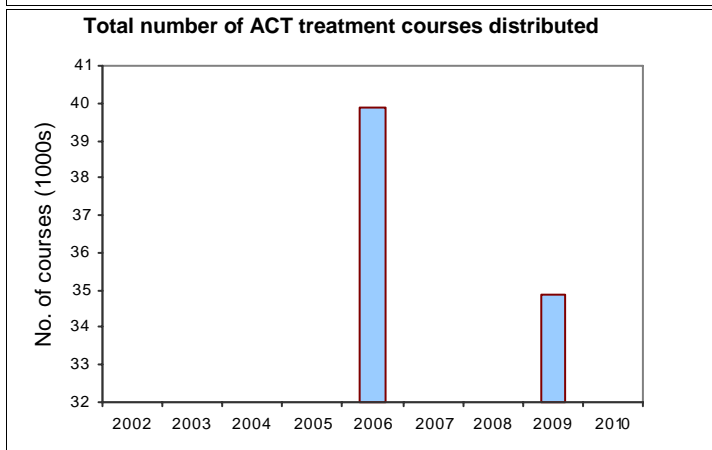
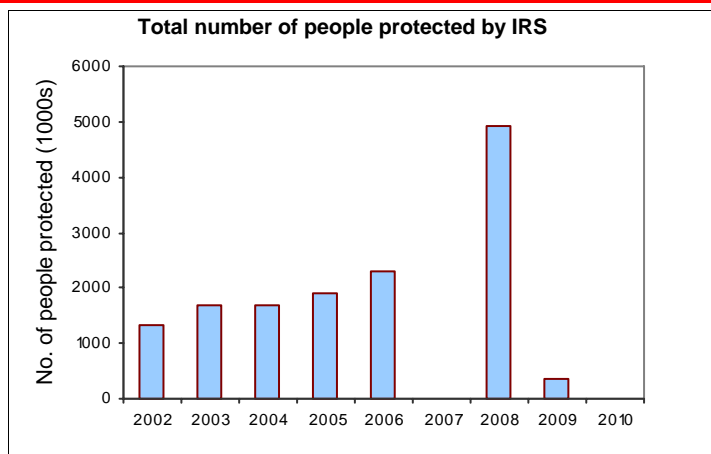
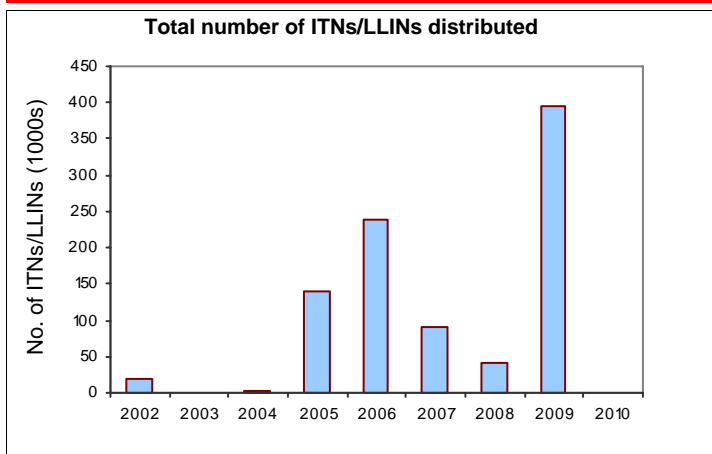
### Malaria admissions and deaths

Year	Malaria admissions		Malaria deaths	
	All ages	Under 5 years	All ages	Under 5 years
2002				
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	

### Reported malaria burden

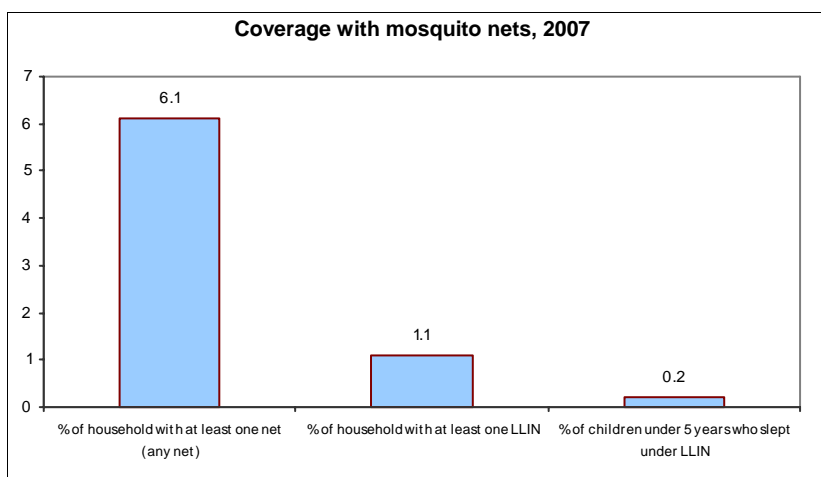
Year	Total reported cases	Confirmed cases			Number of tests			P. falciparum + mixed	P. vivax + others
		Total	Microscopy	RDTs	Total	Microscopy	RDTs		
2002	4 238 778	107 666	107 666		3 399 524	3 399 524		32 620	75 046
2003	4 210 611	125 152	125 152		4 577 037	4 577 037		39 976	85 176
2004	1 958 350	126 719	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

## 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
2002	20 000		1 339 800	
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				



## 3. National drug policy

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

## 4. Financing malaria control

Government budget	Budget (US\$)	External contribution	Budget (US\$)
Government budget for malaria		Global Fund	4 496 398
Government expenditure for malaria		World Health Organization	500 000
		Other (nongovernmental organizations, foundations, etc)	481 000