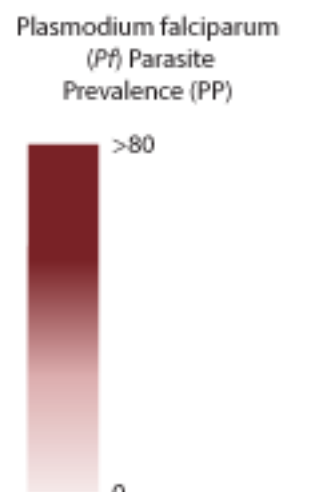
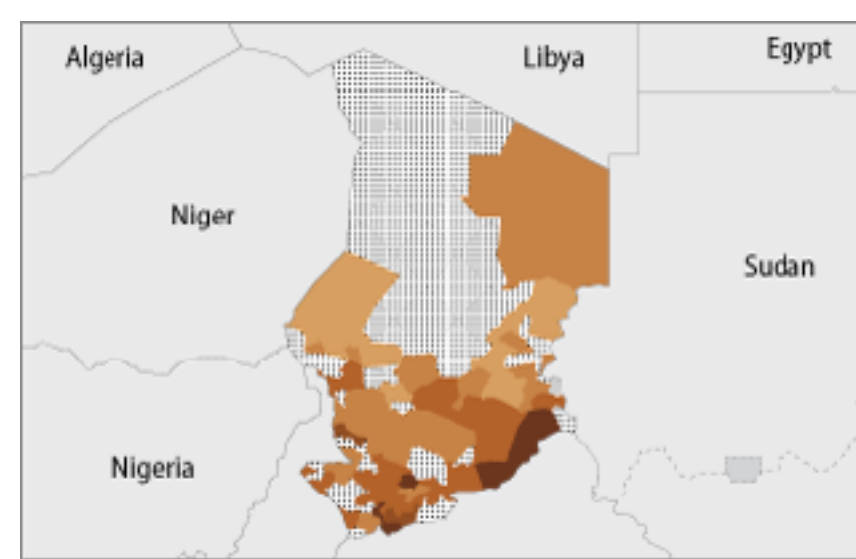
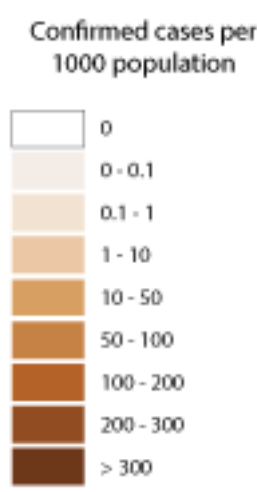
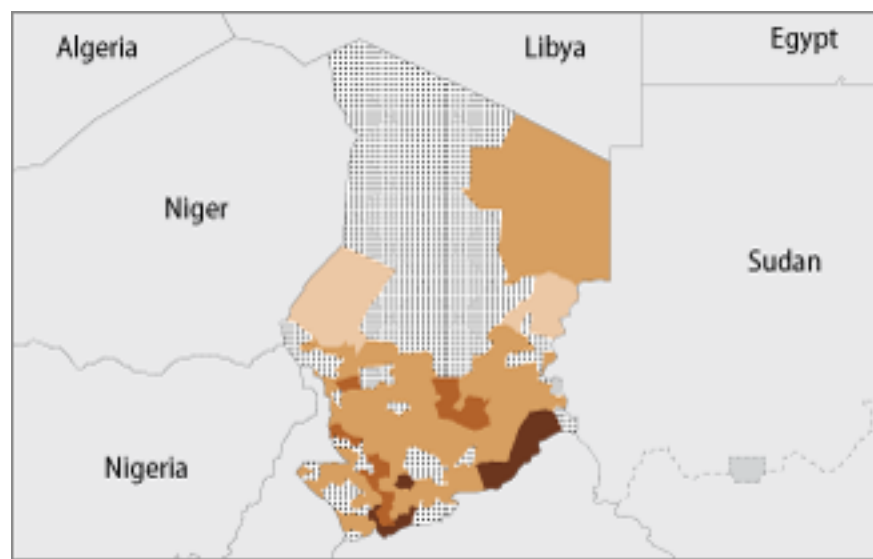


# Chad

## African Region



### I. Epidemiological profile

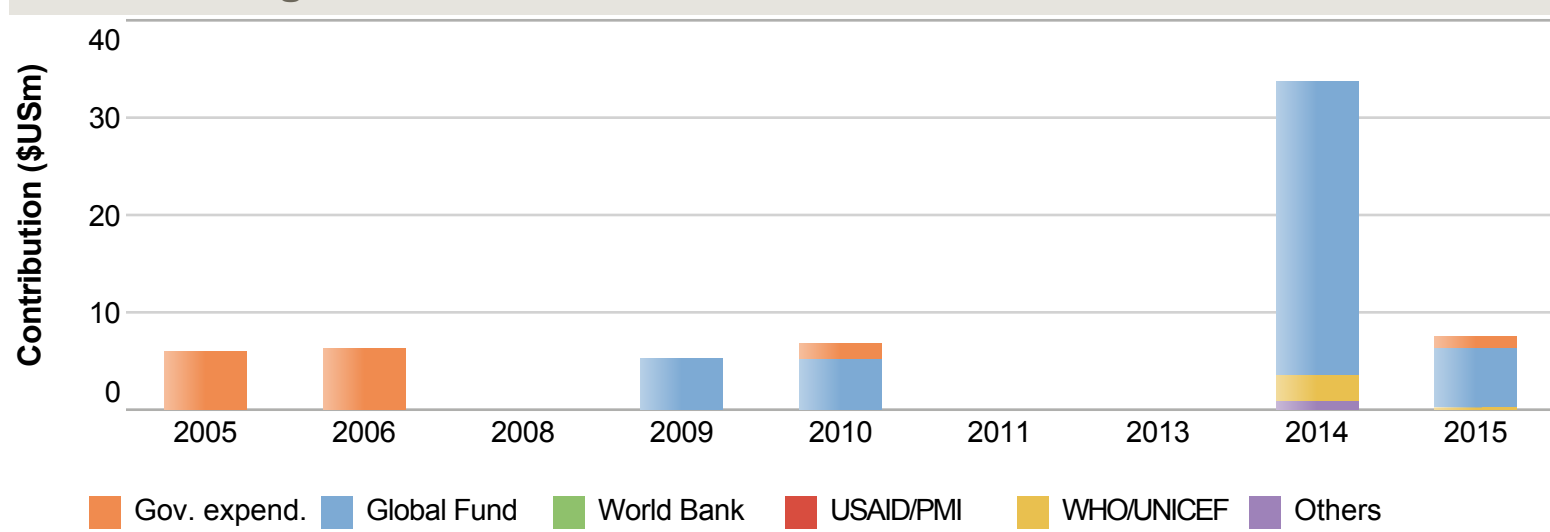
Population (UN)	2015	%	Parasites and vectors
High transmission (> 1 case per 1000 population)	9,460,000	67	Plasmodium species: <i>P. falciparum</i> (100%)0%
Low transmission (0-1 cases per 1000 population)	4,430,000	32	Major anopheles species: <i>An. arabiensis</i> , <i>An. funestus</i> , <i>An. pharoensis</i> , <i>An. nili</i>
Malaria-free (0 cases)	154,000	1	Reported confirmed cases (health facility): 787,046 Estimated cases: 1,900,000 [720,000 ; 3,400,000]
Total	14,040,000		Confirmed cases at community level: - Reported deaths: 1,572 Estimated deaths: 7,500 [3,200 ; 11,000]

### II. Intervention policies and strategies

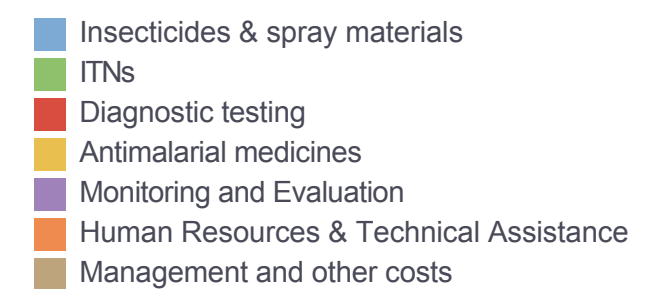
Intervention	Policies/strategies	Yes/No	Adopted	Antimalarial treatment policy	Medicine	Year adopted					
ITN	ITNs/ LLINs distributed free of charge	Yes	2010	First-line treatment of unconfirmed malaria	AL; AS+AQ	-					
	ITNs/ LLINs distributed to all age groups	Yes	2011	First-line treatment of <i>P. falciparum</i>	AL; AS+AQ	-					
IRS	IRS is recommended	Yes	-	Treatment failure of <i>P. falciparum</i>	QN	-					
	DDT is authorized for IRS	No	-	Treatment of severe malaria	AS,QN	2014					
Larval control	Use of larval control recommended	No	-	Treatment of <i>P. vivax</i>	-	-					
IPT	IPT used to prevent malaria during pregnancy	Yes	2004	Dosage of Primaquine for radical treatment of <i>P. vivax</i>	-	-					
Diagnosis	Patients of all ages should receive diagnostic test	Yes	2010	Type pf RDT used	-	P.f only					
	Malaria diagnosis is free of charge in the public sector	Yes	-								
Treatment	ACT is free of charge for all ages in public sector	Yes	2010	<b>Therapeutic efficacy tests (clinical and parasitological failure, %)</b>							
	The sale of oral artemisinin-based monotherapies (oAMTs)	Is banned	2012	Medicine	Year	Min	Median	Max	Follow-up	No of studies	Species
	Single dose of primaquine is used as gametocidal medicine for <i>P. falciparum</i>	No	-	AS+AQ	2009-2015	0	0	1.8	28 days	4	<i>P. falciparum</i>
	Primaquine is used for radical treatment of <i>P. vivax</i>	No	-								
	G6PD test is a requirement before treatment with primaquine	No	-								
	Directly observed treatment with primaquine is undertaken	No	-								
System for monitoring adverse reactions to antimalarials exists	No	-									
Surveillance	ACD for case investigation (reactive)	-	-	<b>Insecticide susceptibility bioassays (reported resistance to at least one insecticide for any vector at any locality)</b>							
	ACD of febrile cases at community level (pro-active)	No	-	Year	Pyrethroid	DDT	Carbamate	Organophosphate	Species/complex tested		
	Mass screening is undertaken	-	-	2011-2014	Yes	Yes	No	No	<i>An. gambiae</i> s.l.		
	Uncomplicated <i>P. falciparum</i> cases routinely admitted	Yes	-								
	Uncomplicated <i>P. vivax</i> cases routinely admitted	-	-								
Foci and case investigation undertaken	-	-									
Case reporting from private sector is mandatory	No	-									

### III. Financing

#### Sources of financing

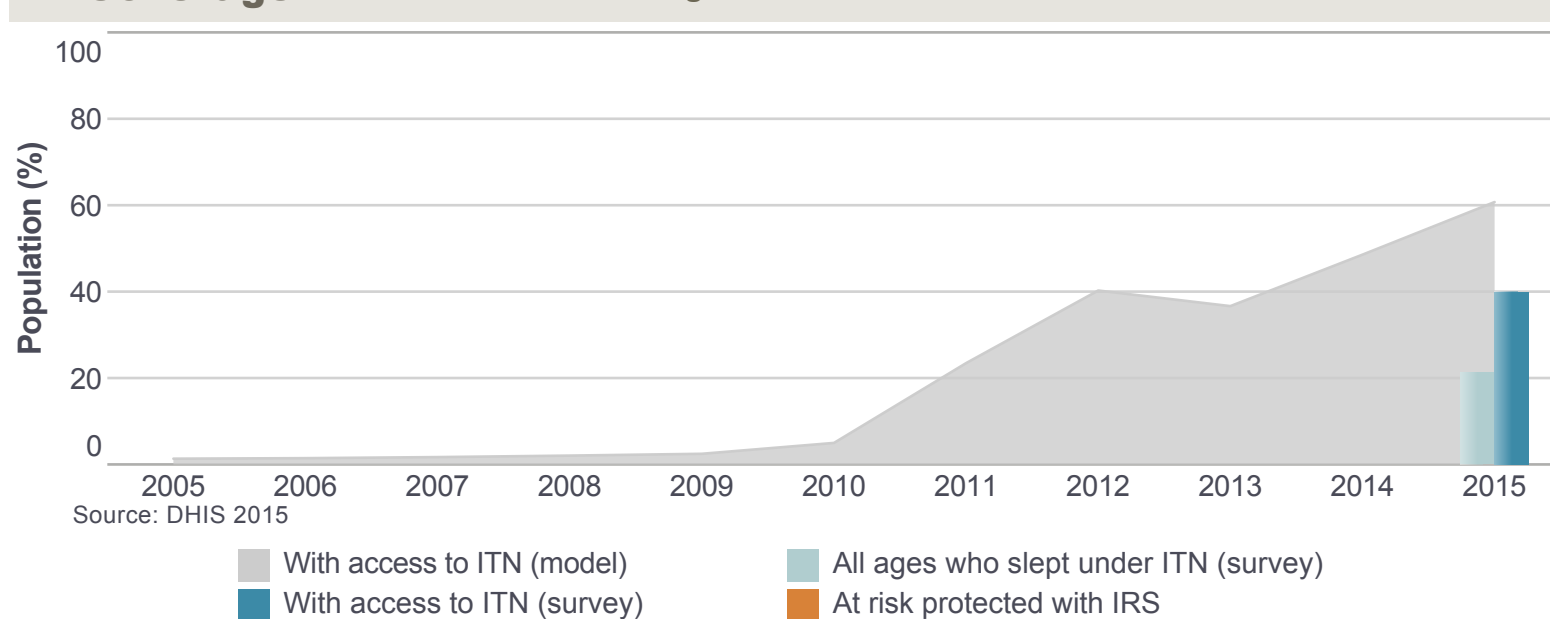


#### Government expenditure by intervention in 2015

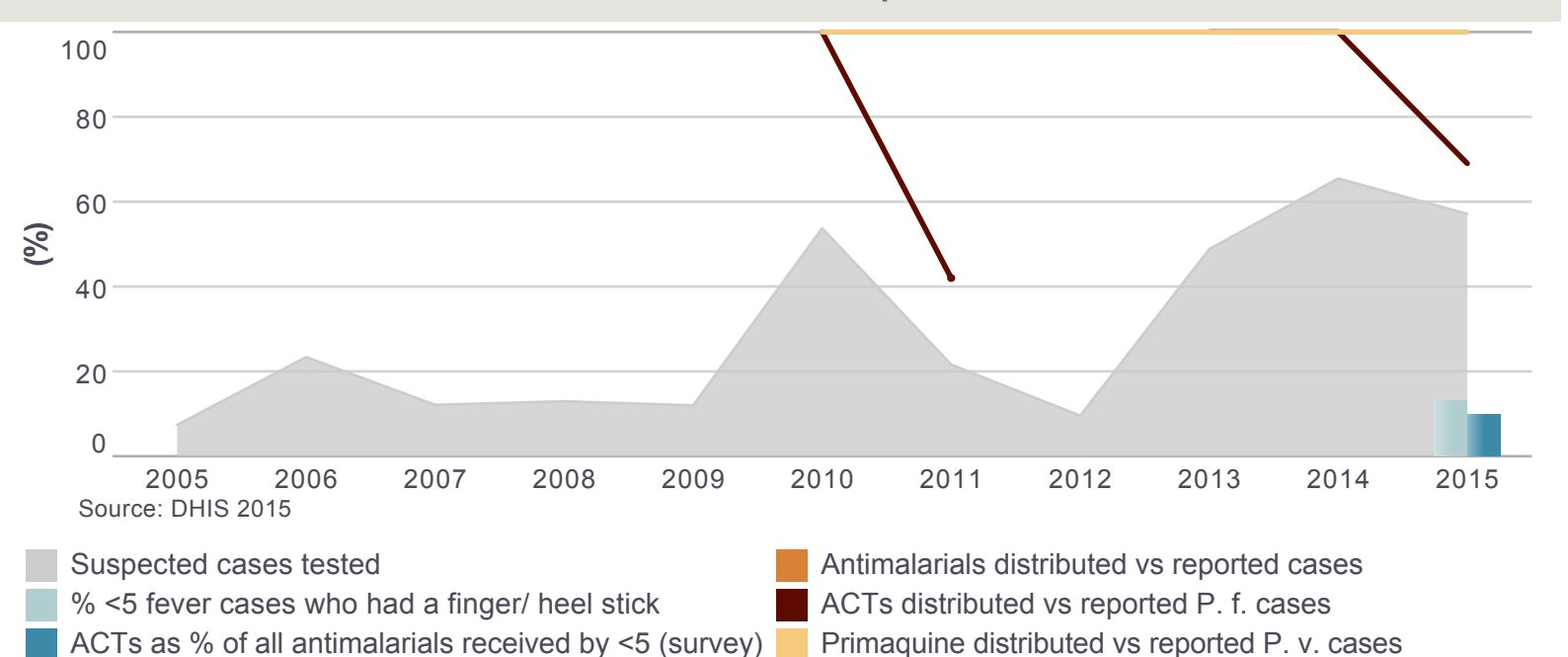


### IV. Coverage

#### Coverage of ITN and IRS

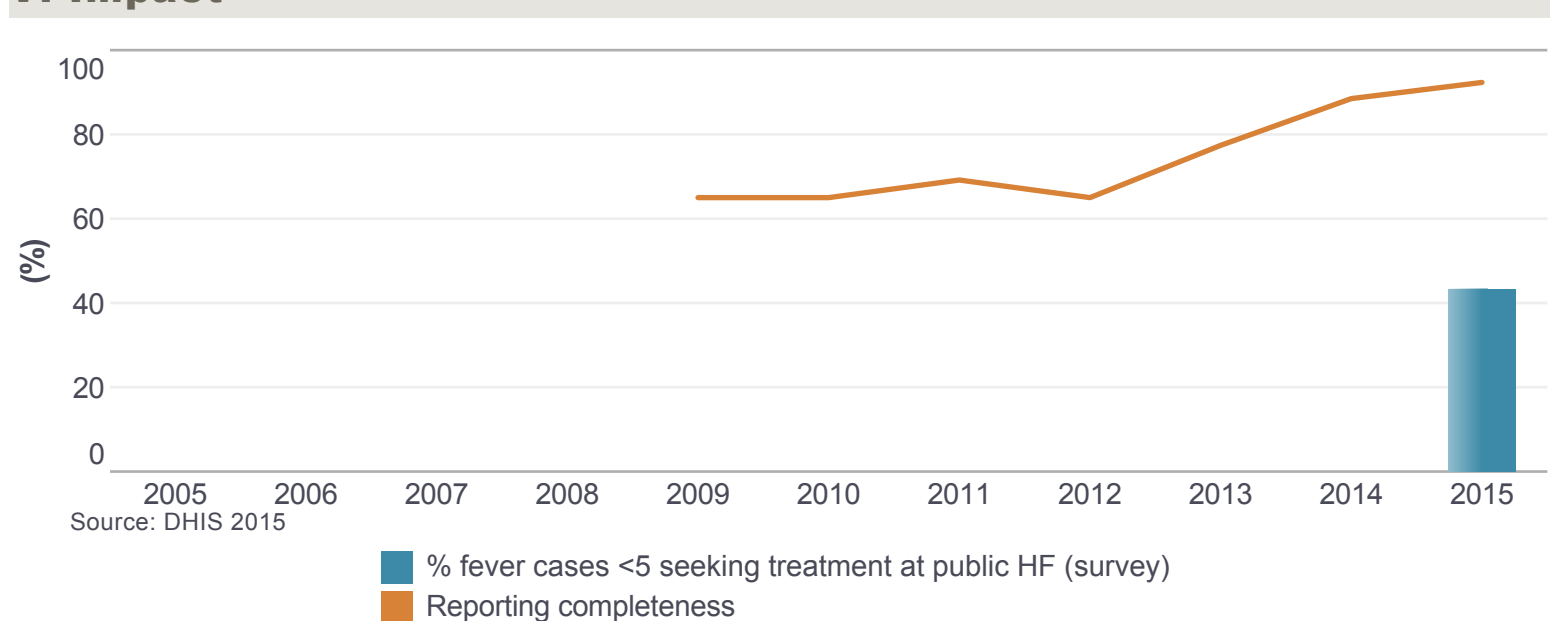


#### Cases tested and treated in public sector

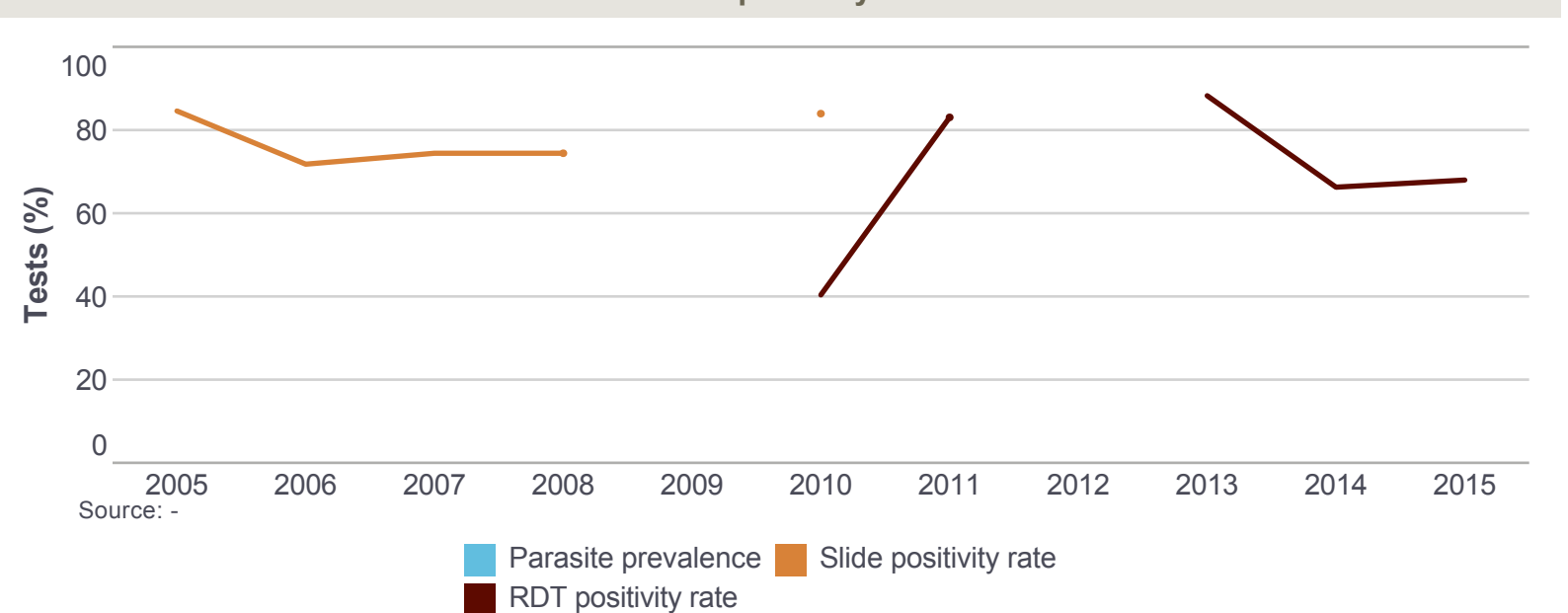


### V. Impact

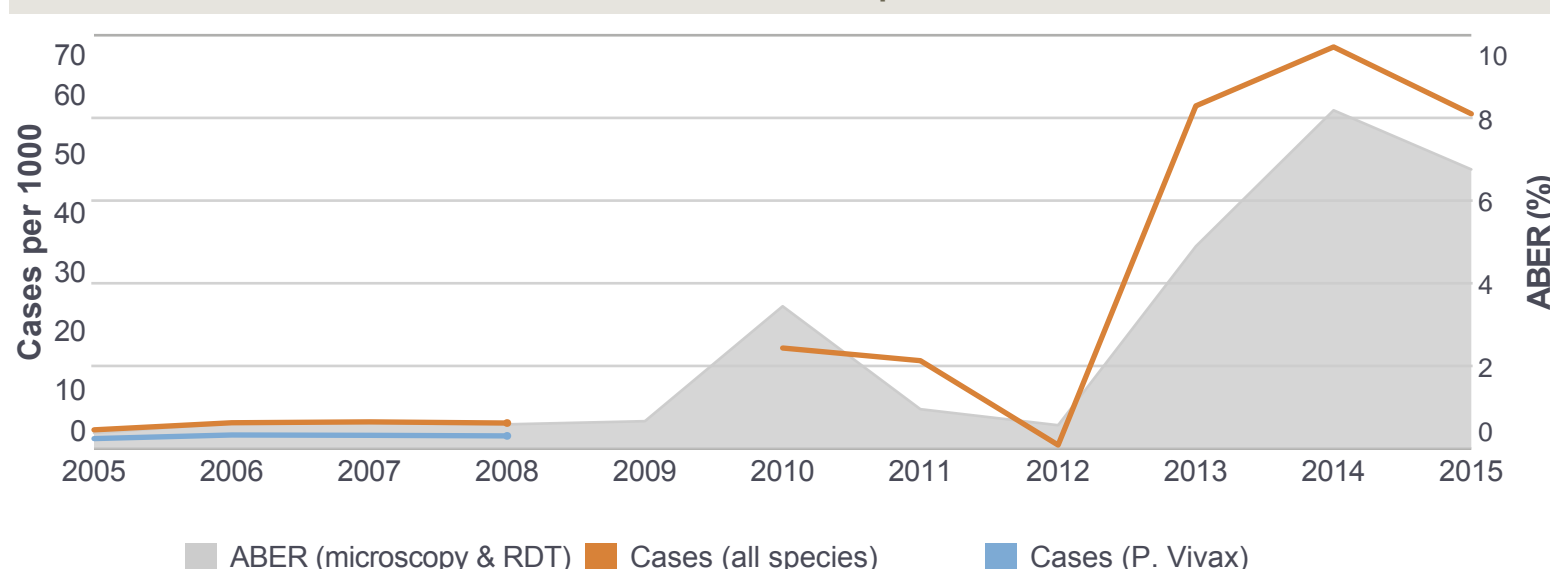
#### Cases treated



#### Test positivity



#### Confirmed malaria cases per 1000 and ABER



#### Malaria admissions and deaths (per 100 000)

