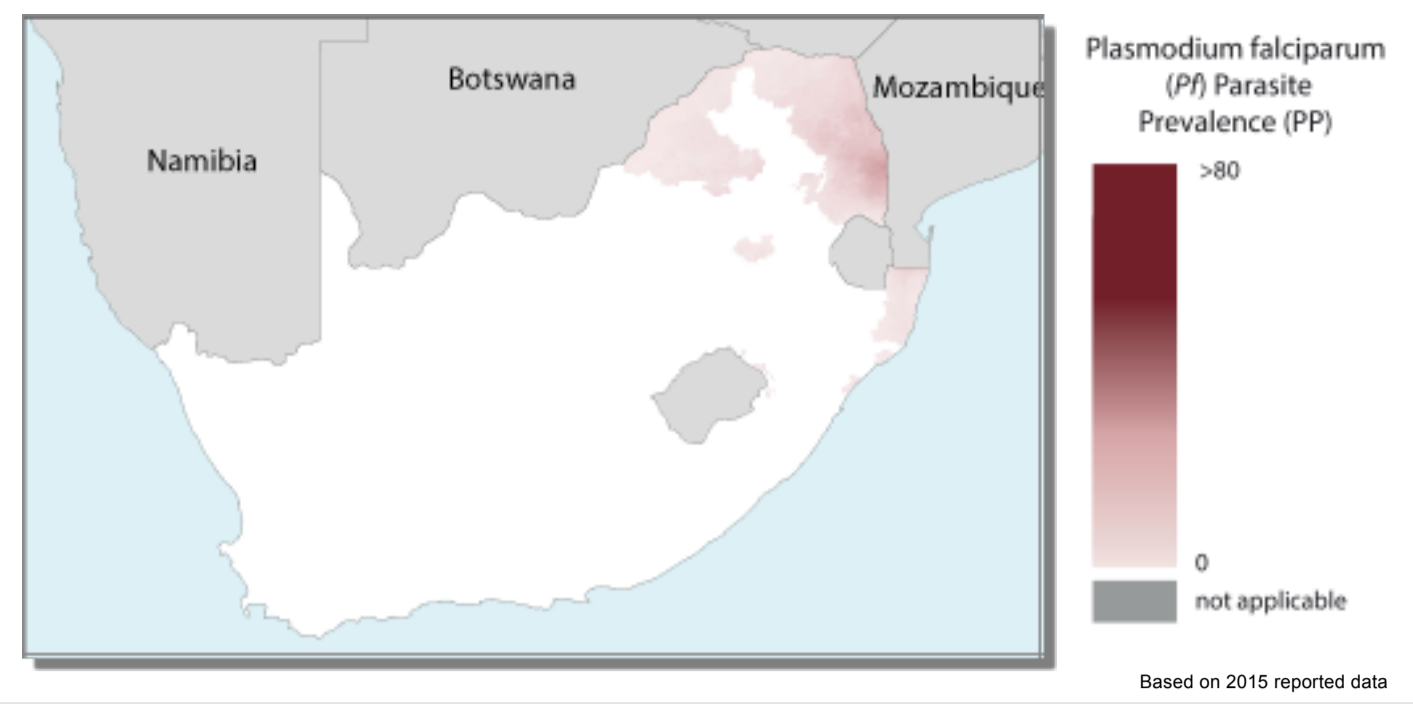


# South Africa

African Region



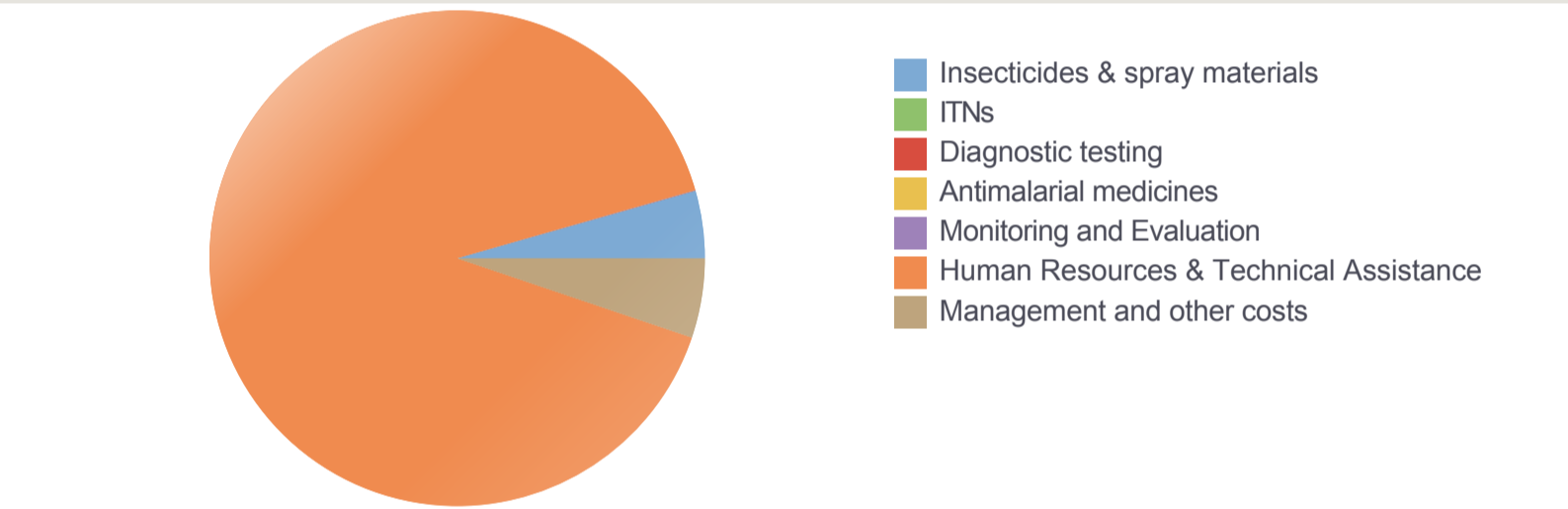
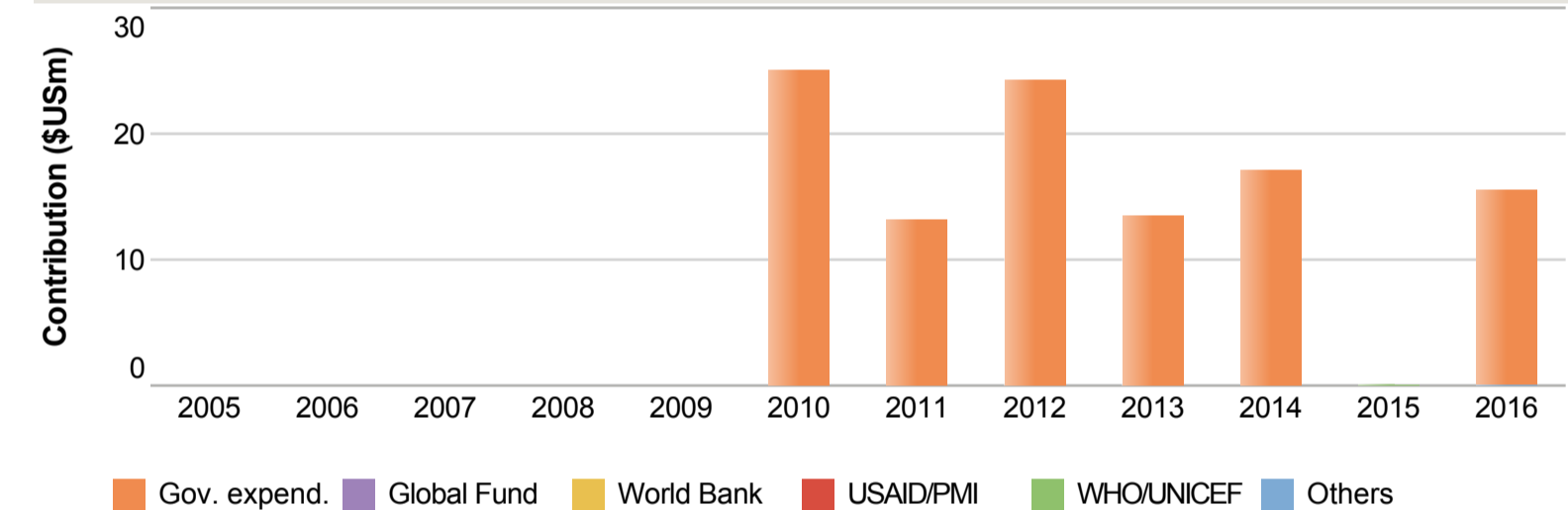
## I. Epidemiological profile

Population (UN)	2016	%	Parasites and vectors
High transmission (> 1 case per 1000 population)	2,240,000	4	Plasmodium species: <i>P. falciparum</i> (100%), <i>P. vivax</i> (0%)
Low transmission (0-1 cases per 1000 population)	3,360,000	6	Major anopheles species: <i>An. arabiensis</i> , <i>An. funestus</i>
Malaria-free (0 cases)	50,400,000	90	Reported confirmed cases (health facility): 4,323 Estimated cases: 4000
Total	56,012,000		Confirmed cases at community level: - Reported deaths: 34 Estimated deaths: ≤ 100

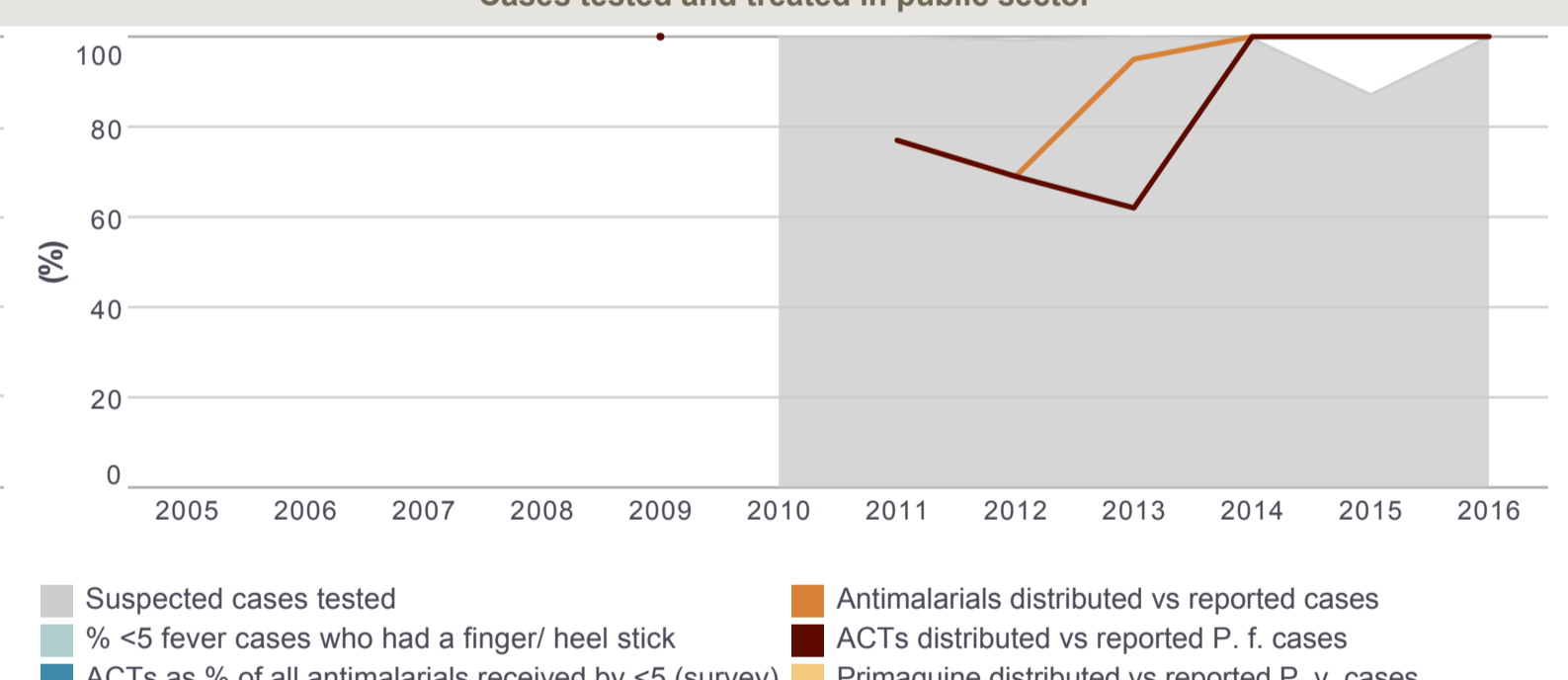
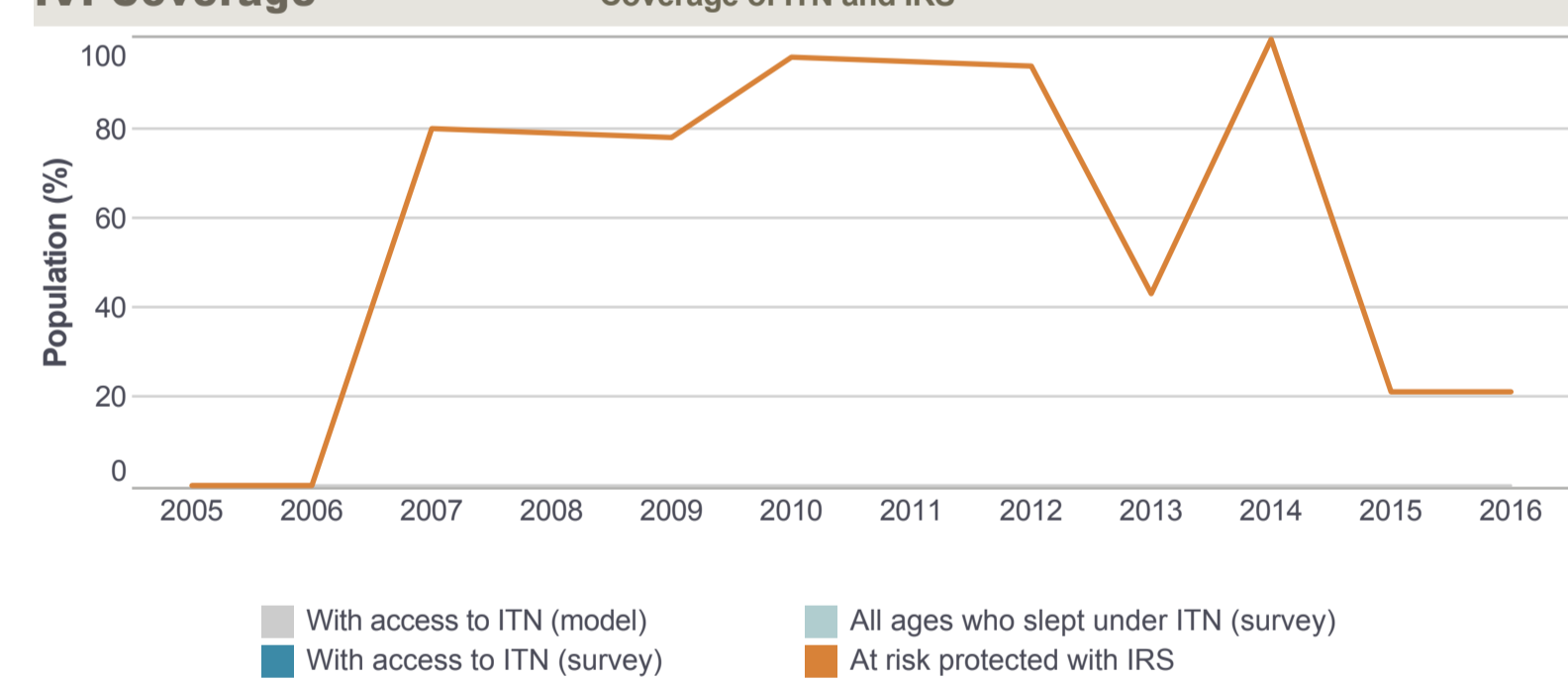
## II. Intervention policies and strategies

Intervention	Policies/strategies	Yes/No	Adopted	Antimalarial treatment policy	Medicine	Year adopted					
ITN	ITNs/ LLINs distributed free of charge	No	-	First-line treatment of unconfirmed malaria	-	-					
	ITNs/ LLINs distributed to all age groups	No	-	First-line treatment of <i>P. falciparum</i>	AL; QN+CL; QN+D	2001					
IRS	IRS is recommended	Yes	1930	Treatment failure of <i>P. falciparum</i>	AS; QN	2001					
	DDT is authorized for IRS	Yes	-	Treatment of severe malaria	QN	2001					
Larval control	Use of larval control recommended	Yes	-	Treatment of <i>P. vivax</i>	AL+PQ; CQ+PQ	-					
IPT	IPT used to prevent malaria during pregnancy	No	-	Dosage of Primaquine for radical treatment of <i>P. vivax</i>		0.75 mg/Kg (8 weeks)					
Diagnosis	Patients of all ages should receive diagnostic test	Yes	-	Type of RDT used		P.f only					
	Malaria diagnosis is free of charge in the public sector	Yes	1997								
Treatment	ACT is free of charge for all ages in public sector	Yes	2001	<b>Therapeutic efficacy tests (clinical and parasitological failure, %)</b>							
	The sale of oral artemisinin-based monotherapies (oAMTs)	Never allowed	2001	Medicine	Year(s)	Min	Median	Max	Follow-up	No. of studies	Species
	Single dose of primaquine is used as gametocidal medicine for <i>P. falciparum</i>	No	-	<b>Insecticide resistance tests (mosquito mortality, %)</b>							
	Primaquine is used for radical treatment of <i>P. vivax</i>	Yes	-	Insecticide class	Years	Min	Mean	Max	No. of sites	Species	
	G6PD test is a requirement before treatment with primaquine	No	-	Pyrethroids	2014-2014	1	1	1	1	<i>An. arabiensis</i> , <i>An. merus</i>	
	Directly observed treatment with primaquine is undertaken	Yes	-	Carbamates	2014-2014	1	1	1	1	<i>An. arabiensis</i> , <i>An. merus</i>	
System for monitoring adverse reactions to antimalarials exists	No	-	Organochlorines	2010-2014	1	1	1	2	<i>An. arabiensis</i> , <i>An. merus</i>		
Surveillance	ACD for case investigation (reactive)	Yes	-								
	ACD of febrile cases at community level (pro-active)	Yes	-								
	Mass screening is undertaken	Yes	-								
	Uncomplicated <i>P. falciparum</i> cases routinely admitted	No	-								
	Uncomplicated <i>P. vivax</i> cases routinely admitted	No	-								
	Foci and case investigation undertaken	-	-								
Case reporting from private sector is mandatory	Yes	-									

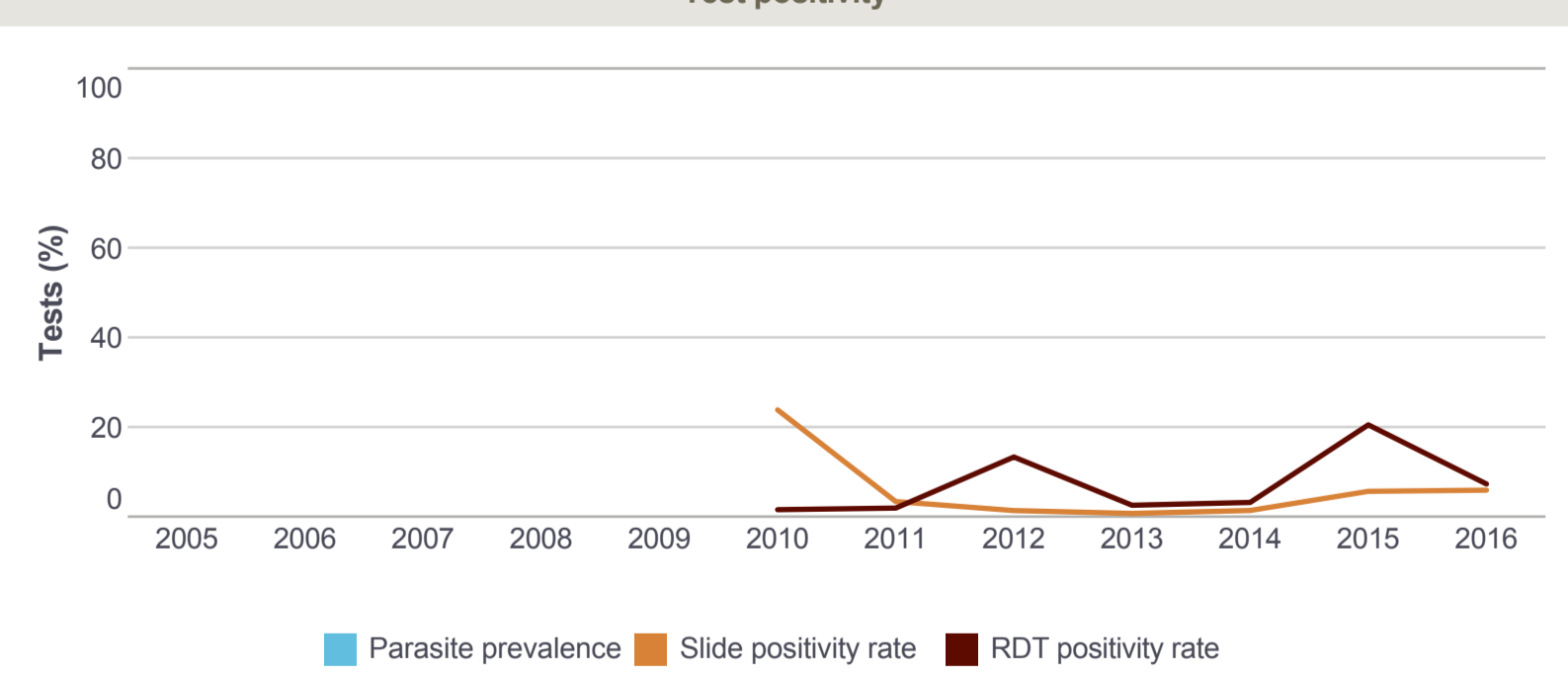
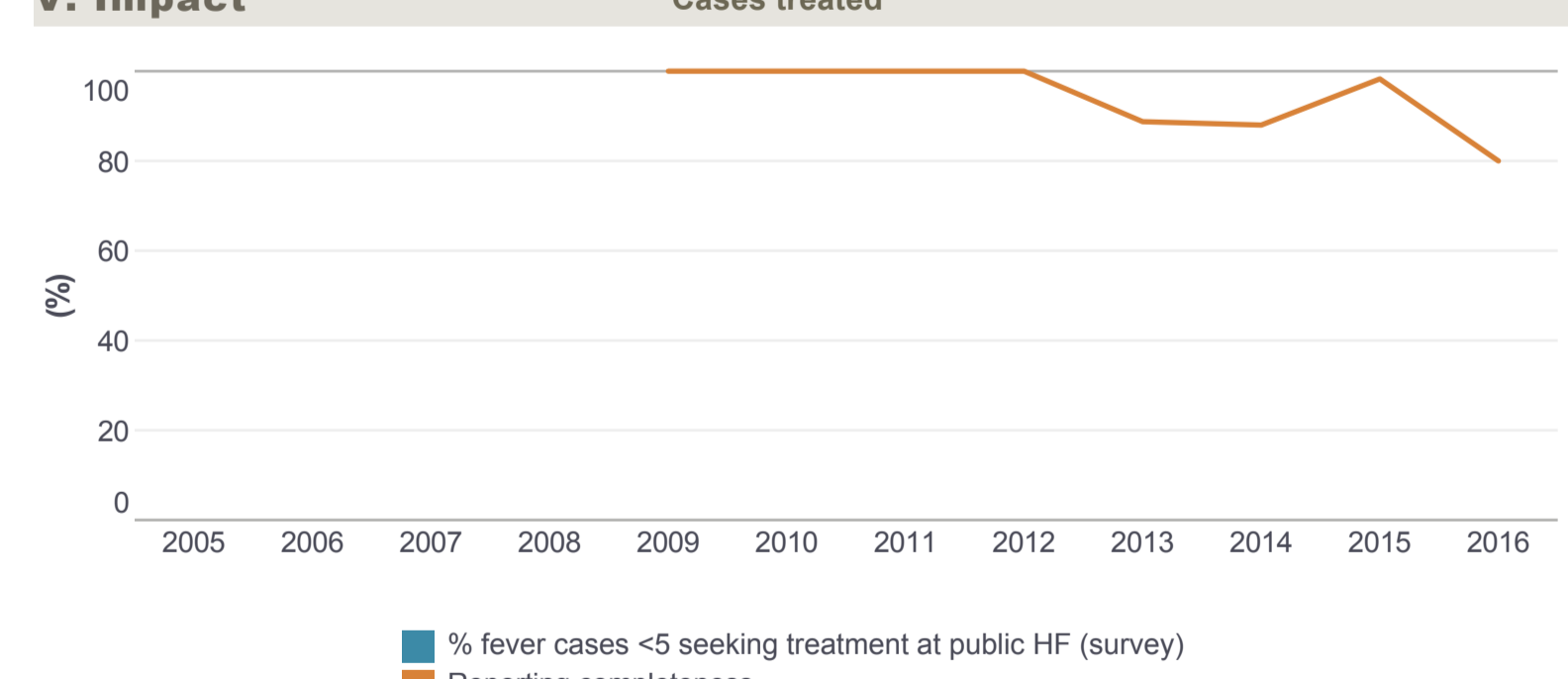
## III. Financing



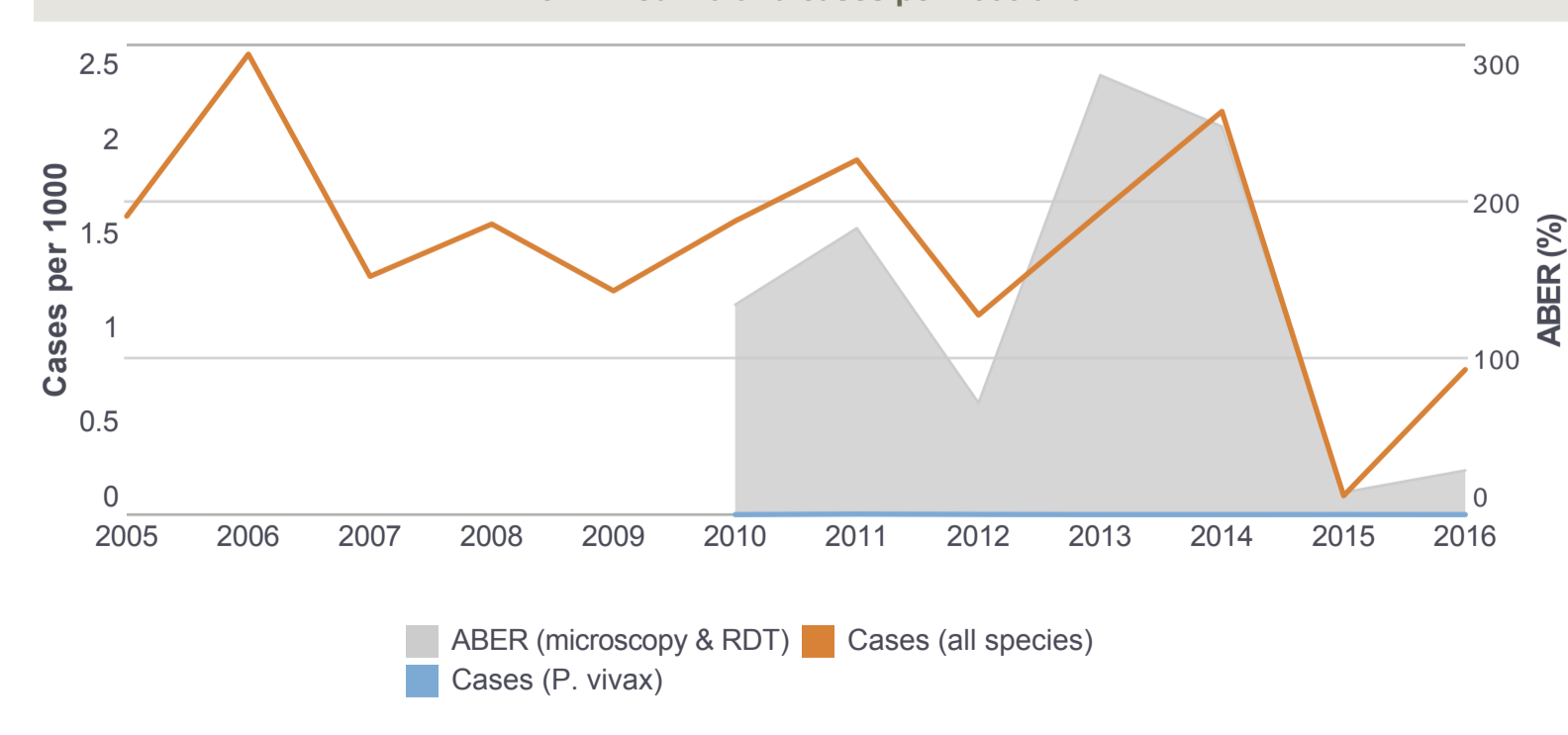
## IV. Coverage



## V. Impact



## Confirmed malaria cases per 1000 and ABER



## Malaria admissions and deaths

