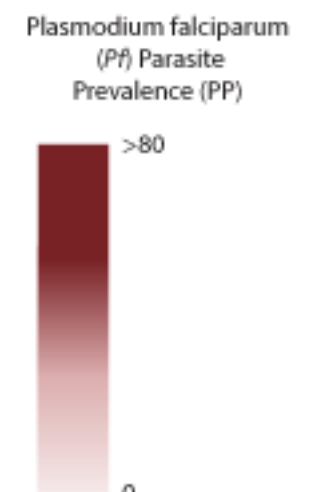
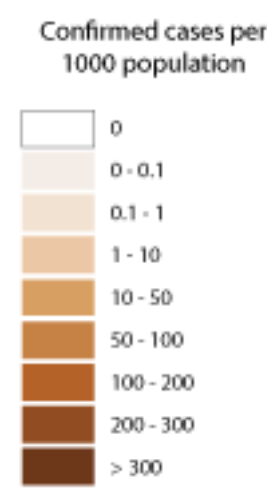


# Sudan

## Eastern Mediterranean Region



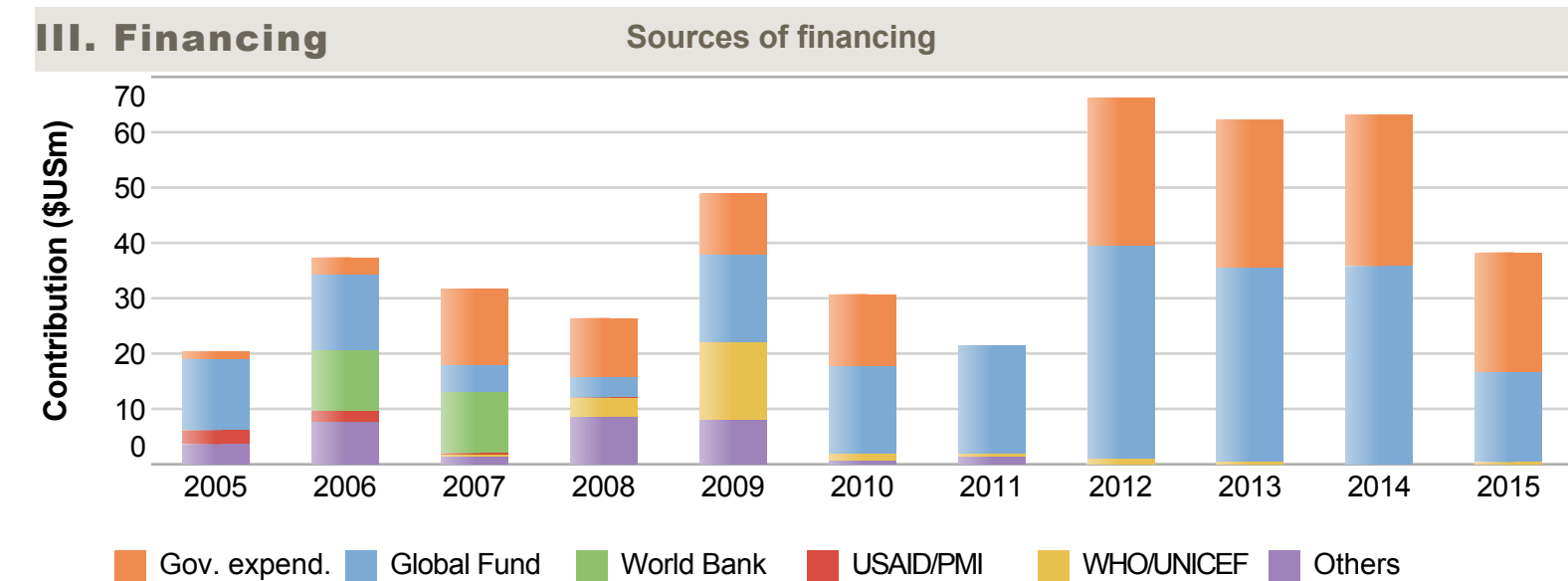
### I. Epidemiological profile

Population (UN)	2015	%	Parasites and vectors
High transmission (> 1 case per 1000 population)	35,000,000	87	Plasmodium species: <i>P. falciparum</i> (95%), <i>P. vivax</i> (5%)
Low transmission (0-1 cases per 1000 population)	5,270,000	13	Major anopheles species: <i>An. arabiensis</i> , <i>An. funestus</i> , <i>An. gambiae</i> , <i>An. niii</i> , <i>An. pharoensis</i>
Malaria-free (0 cases)	0	-	Reported confirmed cases (health facility): 586,827    Estimated cases: 1,400,000 [970,000 ; 1,900,000]
Total	40,230,000	-	Confirmed cases at community level: - Reported deaths: 868    Estimated deaths: 3,500 [130 ; 6,800]

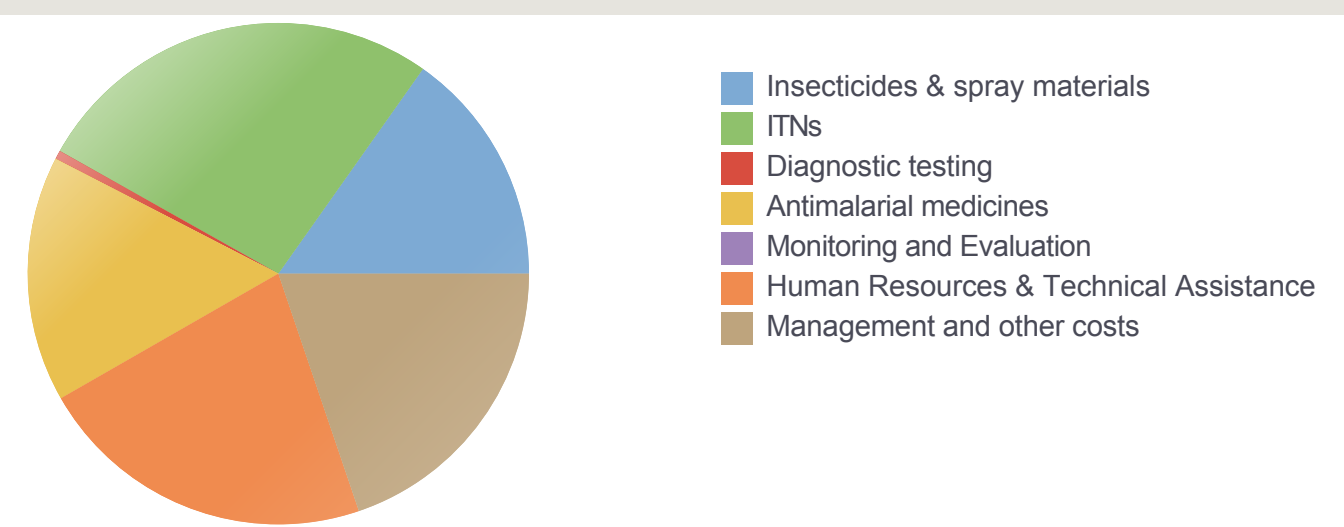
### II. Intervention policies and strategies

Intervention	Policies/strategies	Yes/No	Adopted	Antimalarial treatment policy	Medicine	Year adopted						
ITN	ITNs/ LLINs distributed free of charge	Yes	2005	First-line treatment of unconfirmed malaria	AS+SP; AL	2011						
	ITNs/ LLINs distributed to all age groups	Yes	2010	First-line treatment of <i>P. falciparum</i>	AS+SP; AL	2011						
IRS	IRS is recommended	Yes	1956	Treatment failure of <i>P. falciparum</i>	AL	2011						
	DDT is authorized for IRS	No	-	Treatment of severe malaria	AS	2011						
Larval control	Use of larval control recommended	Yes	-	Treatment of <i>P. vivax</i>	AL+PQ(14d)	2011						
IPT	IPT used to prevent malaria during pregnancy	No	-	Dosage of Primaquine for radical treatment of <i>P. vivax</i>	0.25 mg/Kg (14 days)							
Diagnosis	Patients of all ages should receive diagnostic test	Yes	2009	Type pf RDT used	P.f + P.v specific (Combo)							
	Malaria diagnosis is free of charge in the public sector	No	-									
Treatment	ACT is free of charge for all ages in public sector	Yes	2005	<b>Therapeutic efficacy tests (clinical and parasitological failure, %)</b>								
	The sale of oral artemisinin-based monotherapies (oAMTs)	Is banned	2004	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	-	AL	2005-2015	0	0	7.8	28 days	19	<i>P. falciparum</i>	
	Primaquine is used for radical treatment of <i>P. vivax</i>	Yes	2005	AS+SP	2005-2015	0	2	18.1	28 days	18	<i>P. falciparum</i>	
	G6PD test is a requirement before treatment with primaquine	No	-	AL	2011-2011	0	0	0	28 days	1	<i>P. vivax</i>	
	Directly observed treatment with primaquine is undertaken	No	-									
Surveillance	System for monitoring adverse reactions to antimalarials exists	No	-	<b>Insecticide susceptibility bioassays (reported resistance to at least one insecticide for any vector at any locality)</b>								
	ACD for case investigation (reactive)	No	-	Year	Pyrethroid	DDT	Carbamate	Organophosphate	Species/complex tested			
	ACD of febrile cases at community level (pro-active)	No	-	2010-2014	Yes	Yes	Yes	Yes	<i>An. arabiensis</i>			
	Mass screening is undertaken	No	-									
	Uncomplicated <i>P. falciparum</i> cases routinely admitted	No	-									

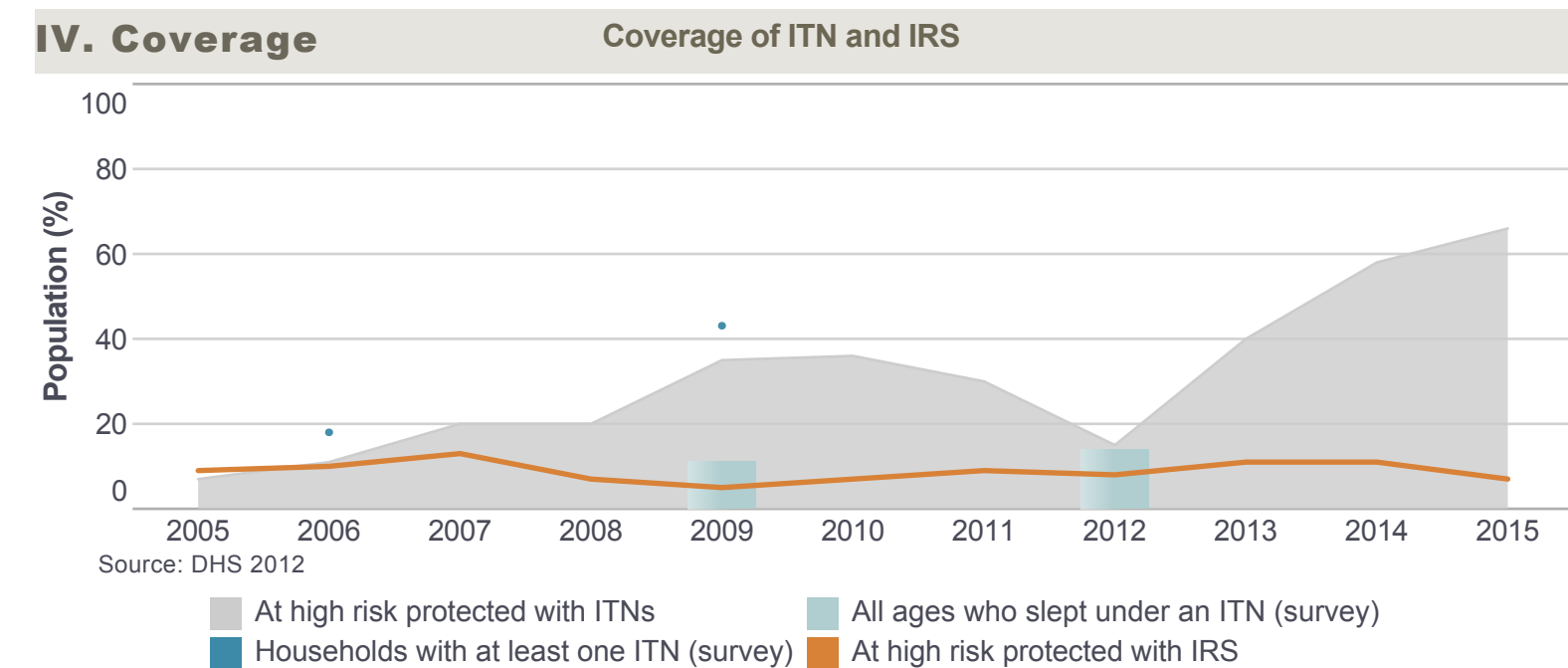
### III. Financing



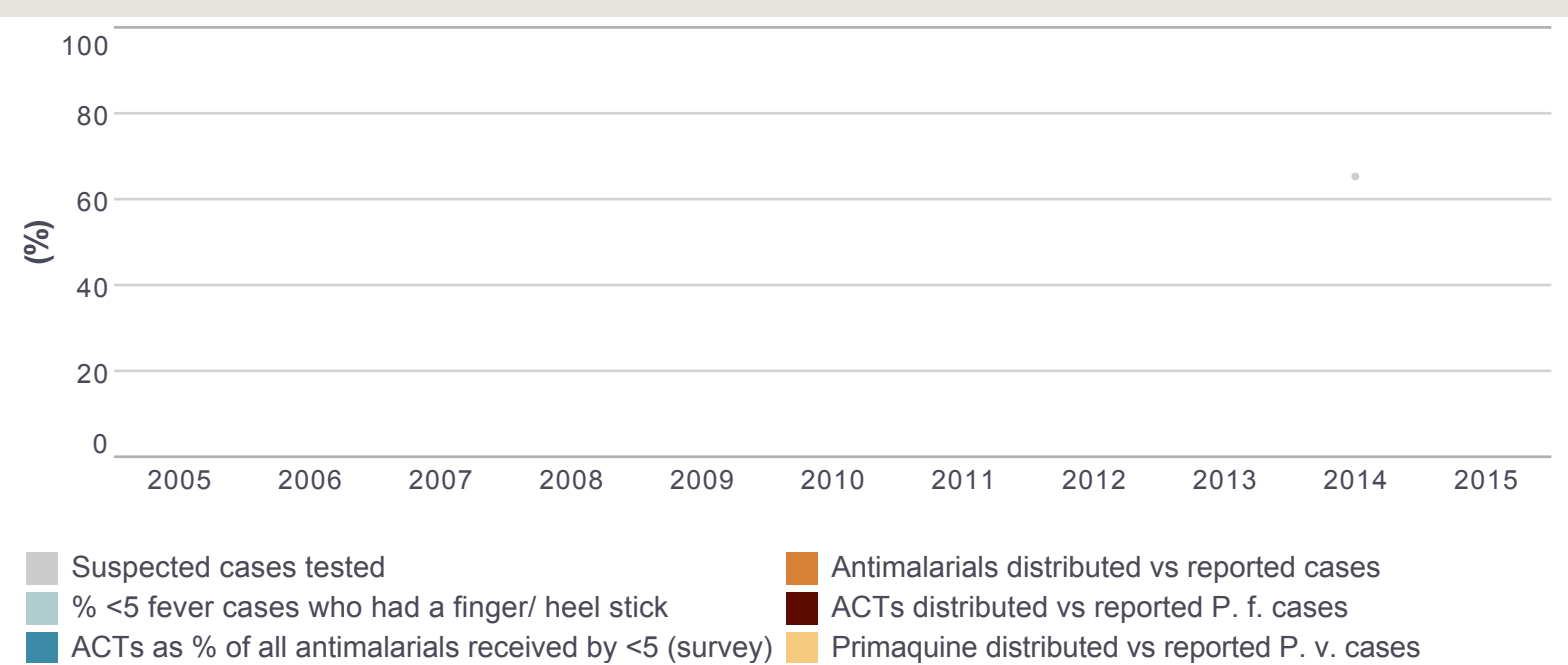
### Government expenditure by intervention in 2015



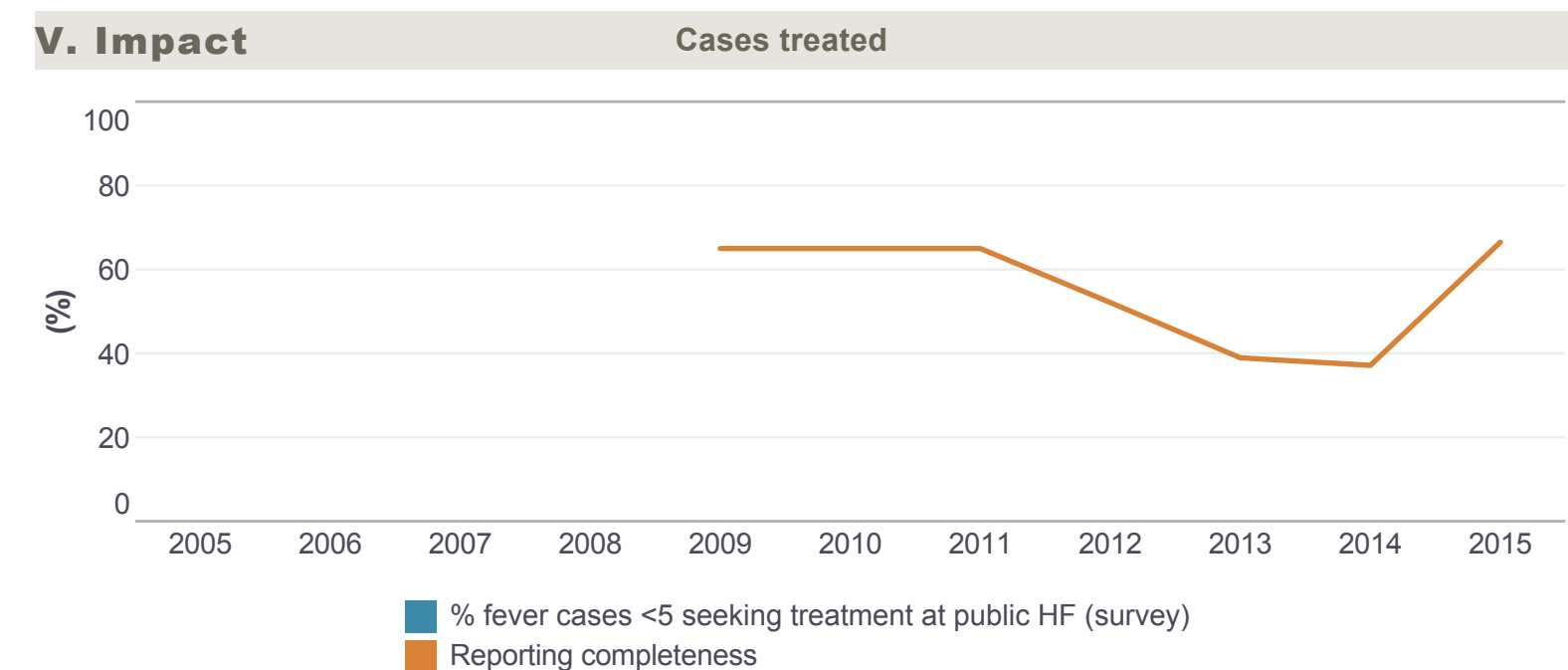
### IV. Coverage



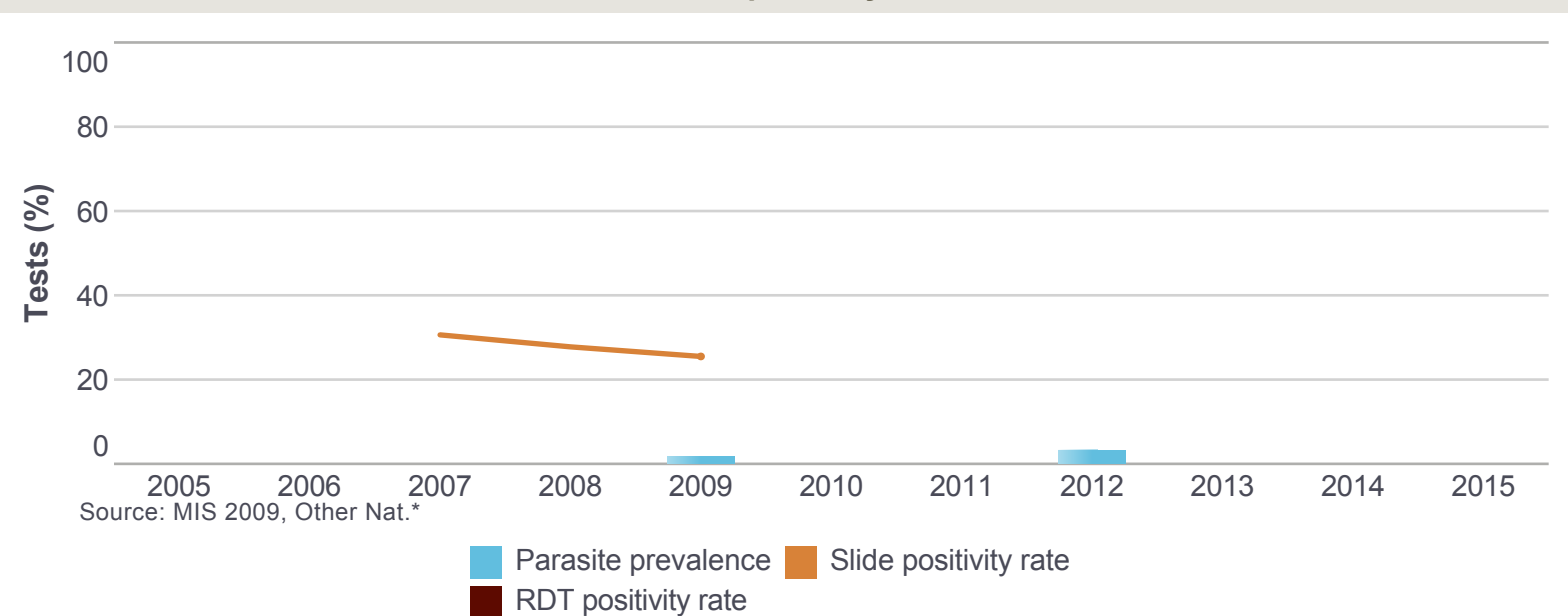
### Cases tested and treated in public sector



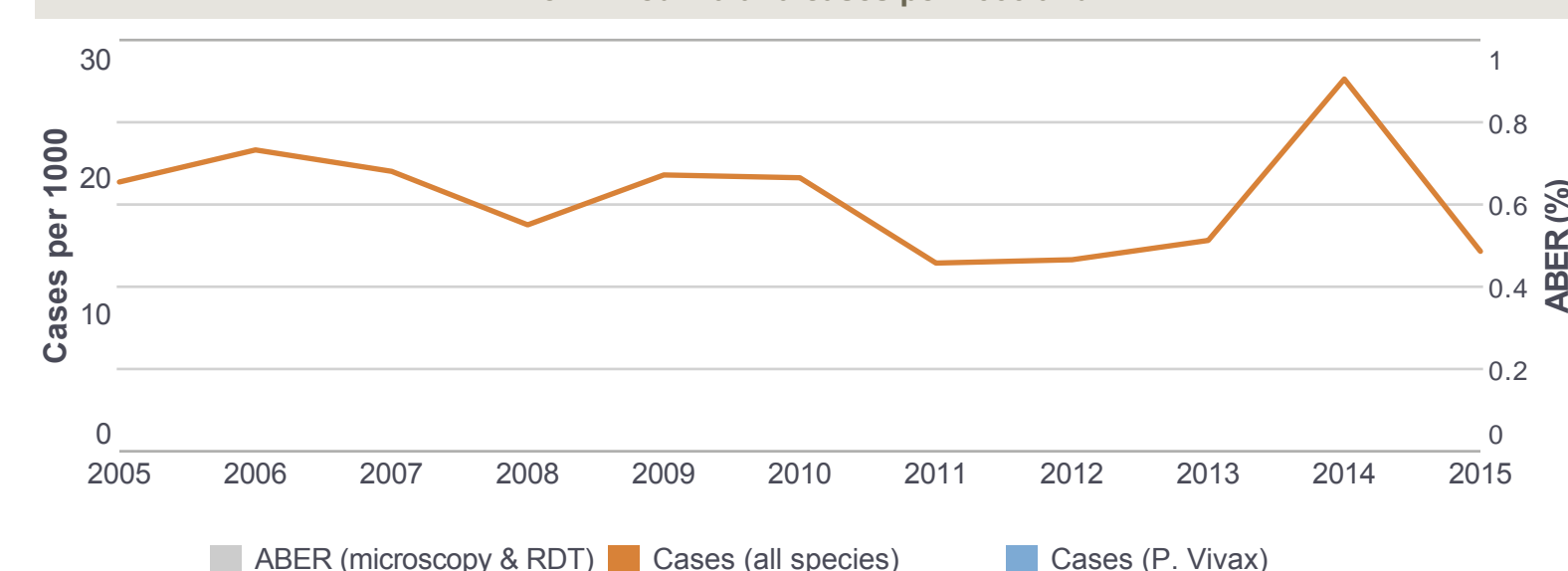
### V. Impact



### Test positivity



### Confirmed malaria cases per 1000 and ABER



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

