

# Solomon Islands

Western Pacific Region



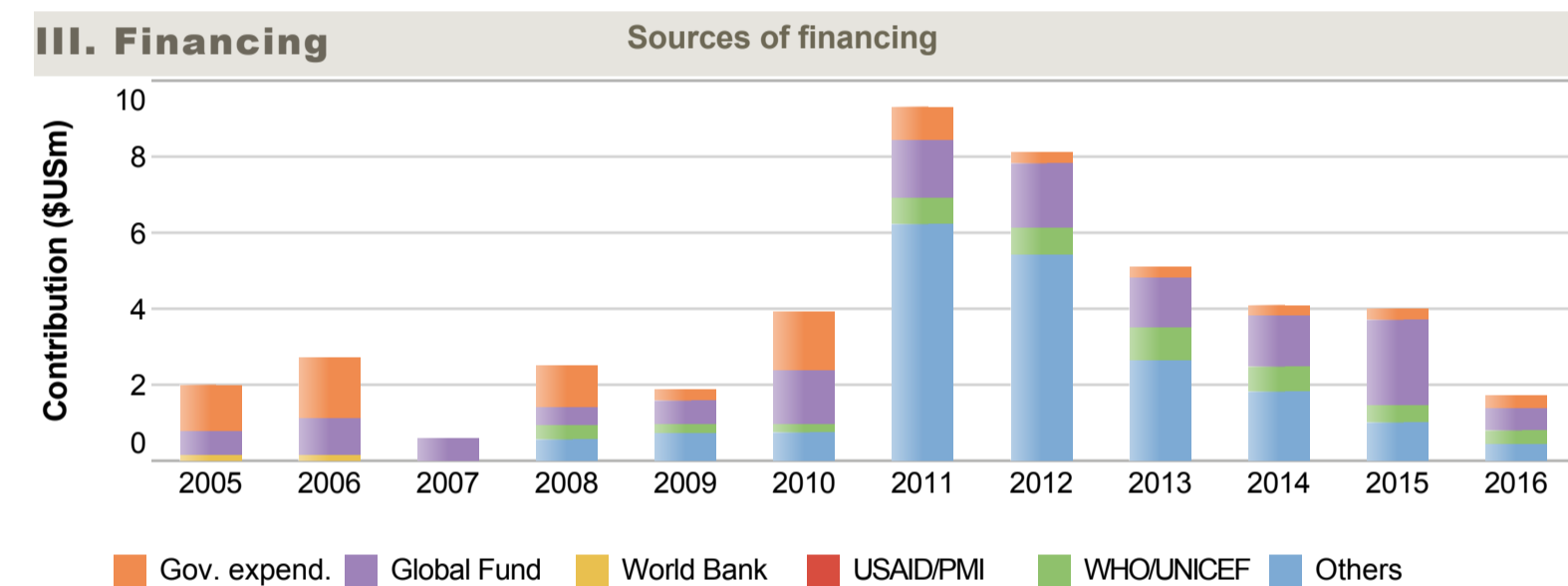
## I. Epidemiological profile

Population (UN)	2016	%	Parasites and vectors
High transmission (> 1 case per 1000 population)	593,000	99	Plasmodium species: <i>P. falciparum</i> (39%), <i>P. vivax</i> (61%)
Low transmission (0-1 cases per 1000 population)	-	-	Major anopheles species: <i>An. farauti</i> , <i>An. punctulatus</i> , <i>An. koliensis</i>
Malaria-free (0 cases)	6,000	1	Reported confirmed cases (health facility): 54,431 Estimated cases: 86,000 [70,300–103,200]
Total	599,400		Confirmed cases at community level: - Reported deaths: 20 Estimated deaths: 110 [≤ 100–180]

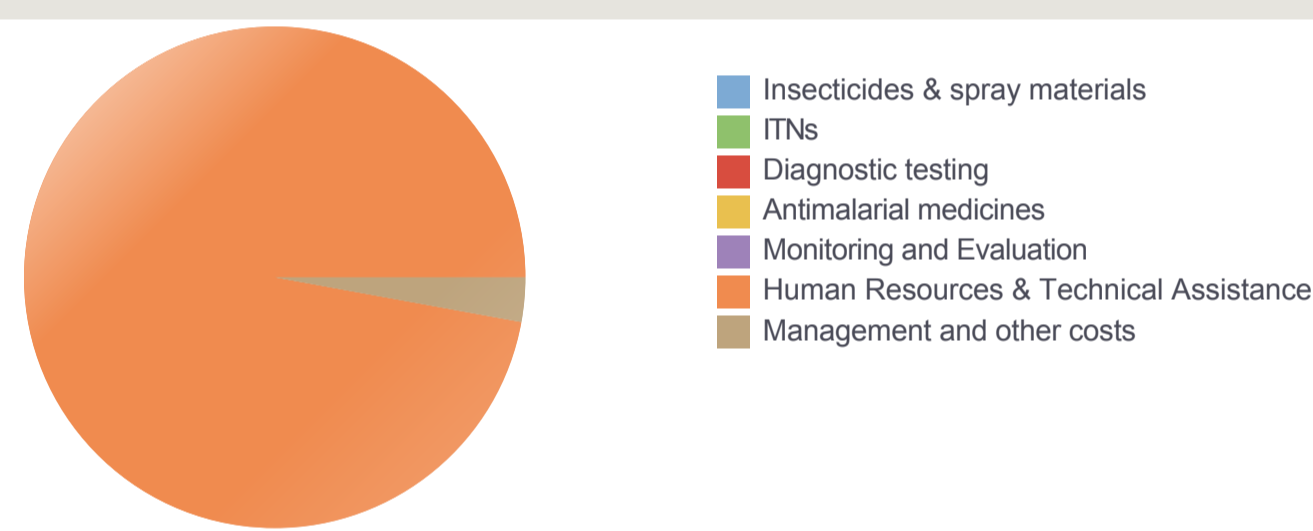
## II. Intervention policies and strategies

Intervention	Policies/strategies	Yes/No	Adopted	Antimalarial treatment policy	Medicine	Year adopted					
ITN	ITNs/ LLINs distributed free of charge	Yes	2009	First-line treatment of unconfirmed malaria	AL	2009					
	ITNs/ LLINs distributed to all age groups	Yes	1996	First-line treatment of <i>P. falciparum</i>	AL	2009					
IRS	IRS is recommended	Yes	-	Treatment failure of <i>P. falciparum</i>	QN	2009					
	DDT is authorized for IRS	No	-	Treatment of severe malaria	AL; AS	2009					
Larval control	Use of larval control recommended	Yes	2009	Treatment of <i>P. vivax</i>	AL+PQ(14d)	2009					
IPT	IPT used to prevent malaria during pregnancy	N/A	-	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	1968	Type of RDT used		P. f + all species (Combo)					
	Malaria diagnosis is free of charge in the public sector	Yes	2007								
Treatment	ACT is free of charge for all ages in public sector	Yes	2008	<b>Therapeutic efficacy tests (clinical and parasitological failure, %)</b>							
	The sale of oral artemisinin-based monotherapies (oAMTs)	Never allowed	-	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	-	AL	2011-2013	0	3.15	6.3	28 days	2	<i>P. falciparum</i>
	Primaquine is used for radical treatment of <i>P. vivax</i>	Yes	2009	AL	2011-2013	5.1	18.35	31.6	28 days	2	<i>P. vivax</i>
	G6PD test is a requirement before treatment with primaquine	Yes	2009	<b>Insecticide resistance tests (mosquito mortality, %)</b>							
	Directly observed treatment with primaquine is undertaken	No	-	Insecticide class	Years	Min	Mean	Max	No. of sites	Species	
	System for monitoring adverse reactions to antimalarials exists	No	-	Organophosphates	2015-2015	1	1	1	2	<i>An. farauti s.l.</i>	
Surveillance	ACD for case investigation (reactive)	No	-	Organochlorines	2013-2015	0.6	0.9	1	3	<i>An. farauti s.l.</i>	
	ACD of febrile cases at community level (pro-active)	Yes	2013	Pyrethroids	2013-2015	1	1	1	9	<i>An. farauti s.l.</i>	
	Mass screening is undertaken	No	-								
	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	No	-									

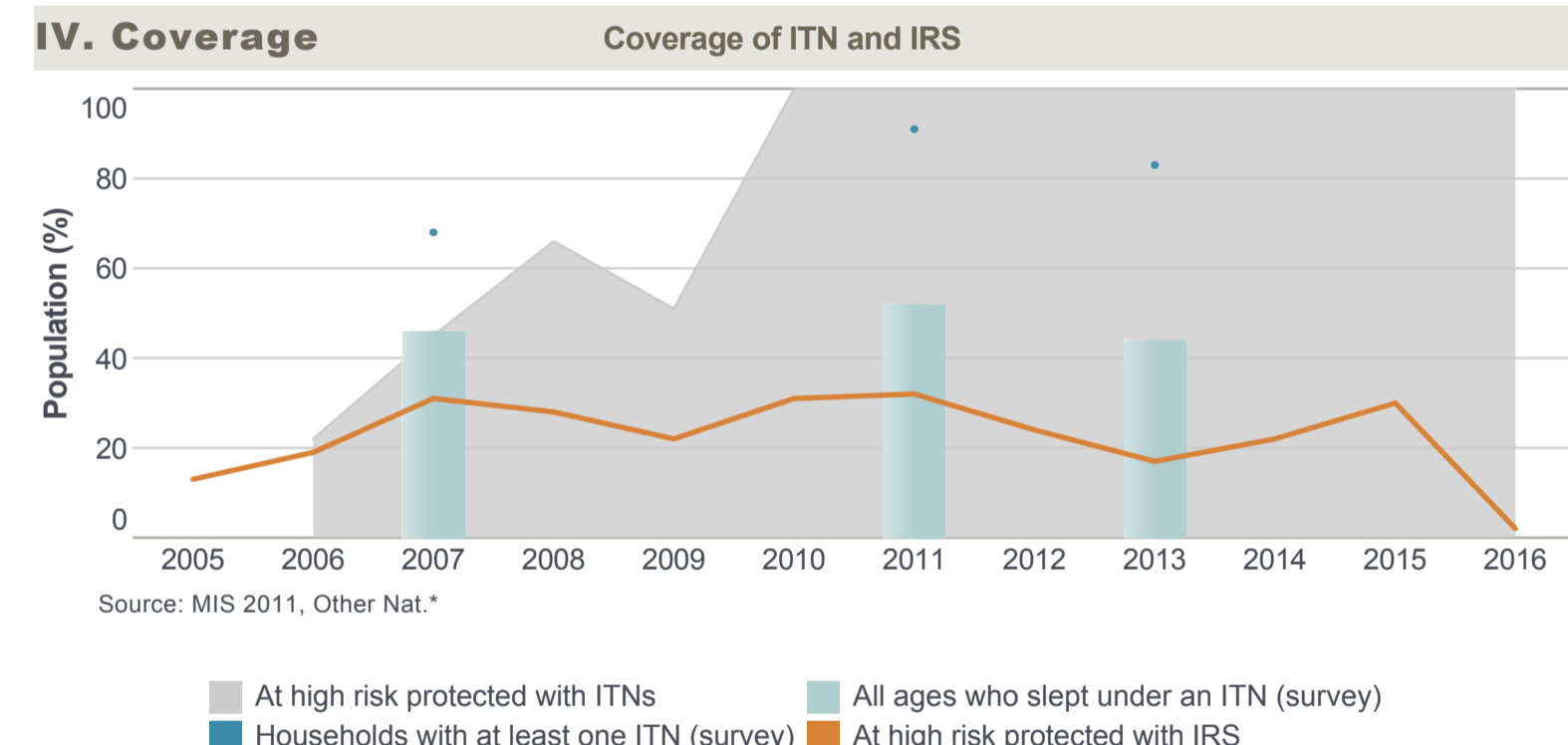
## III. Financing



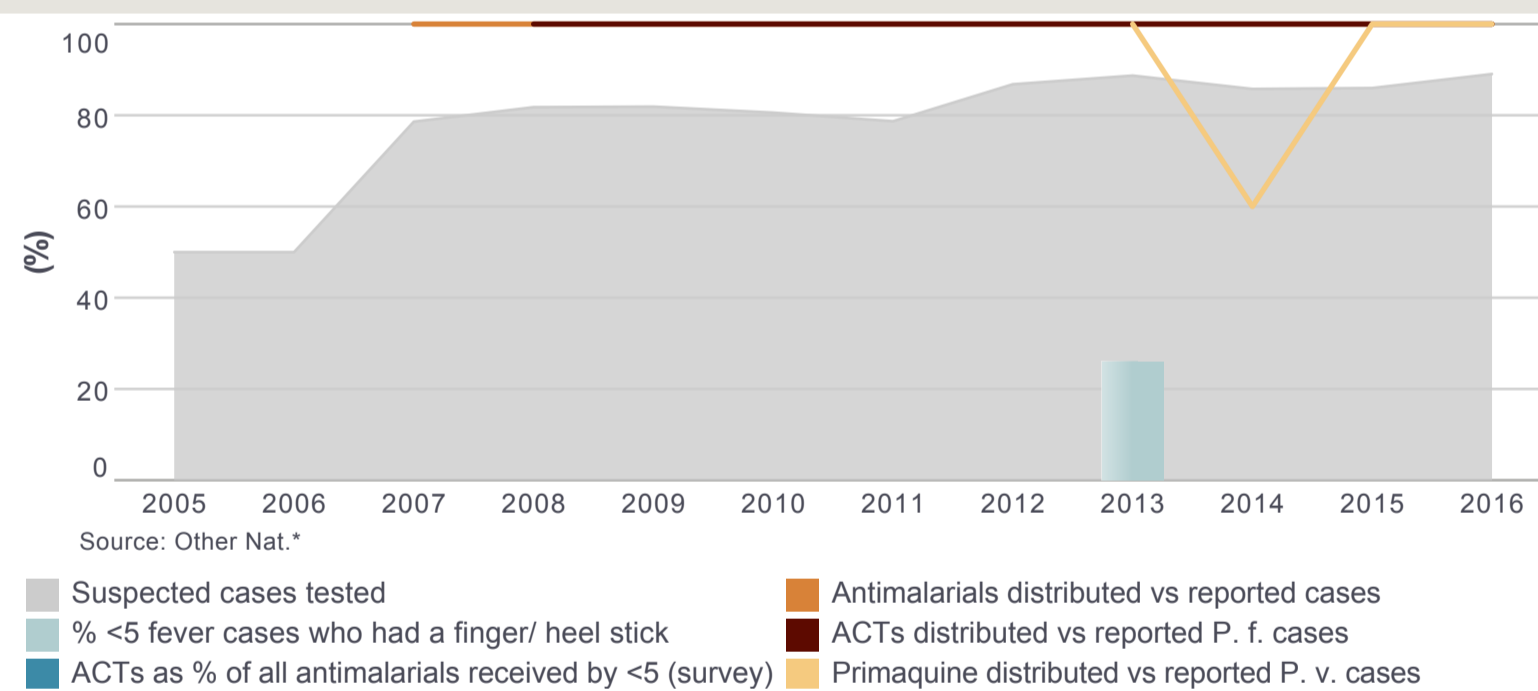
## Government expenditure by intervention in 2016



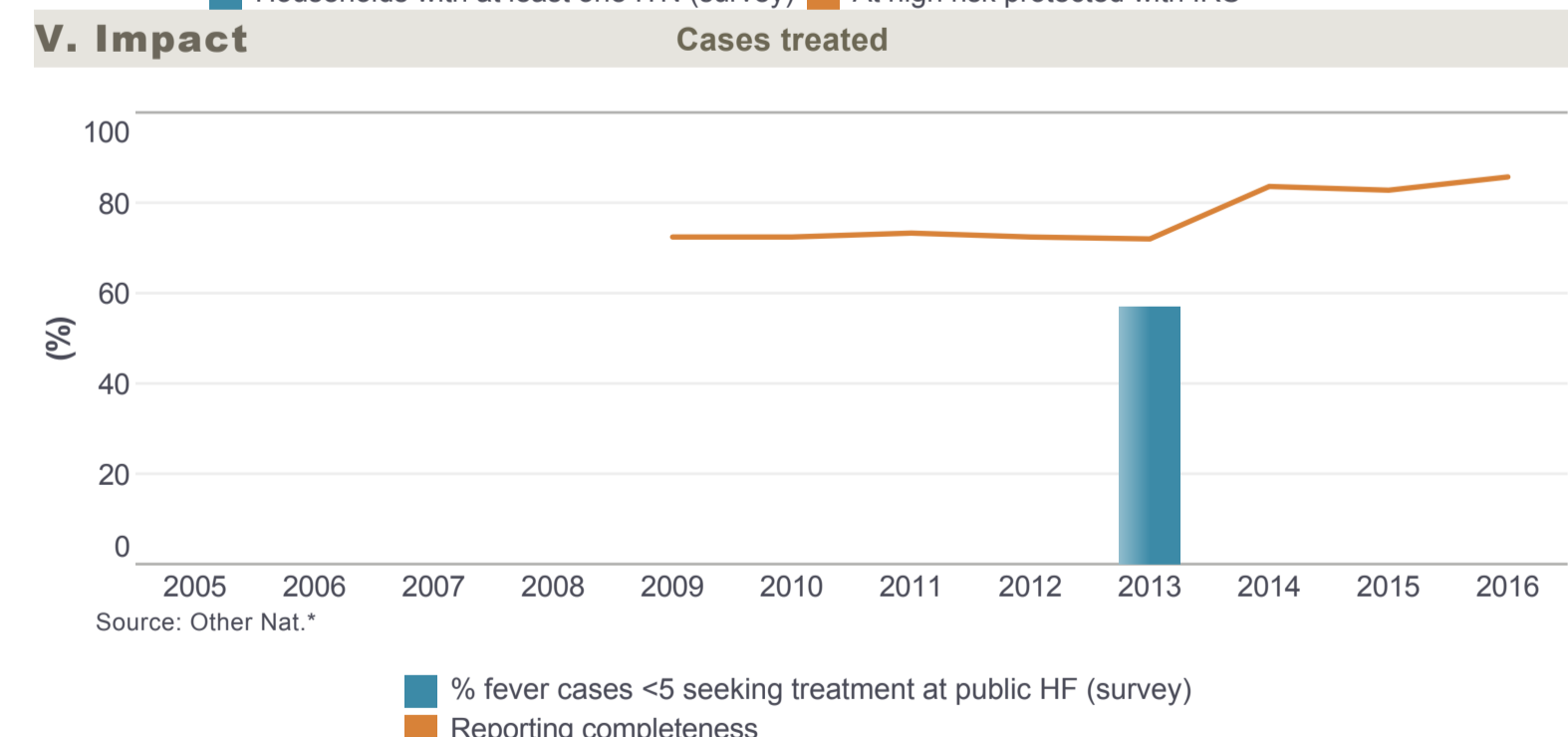
## IV. Coverage



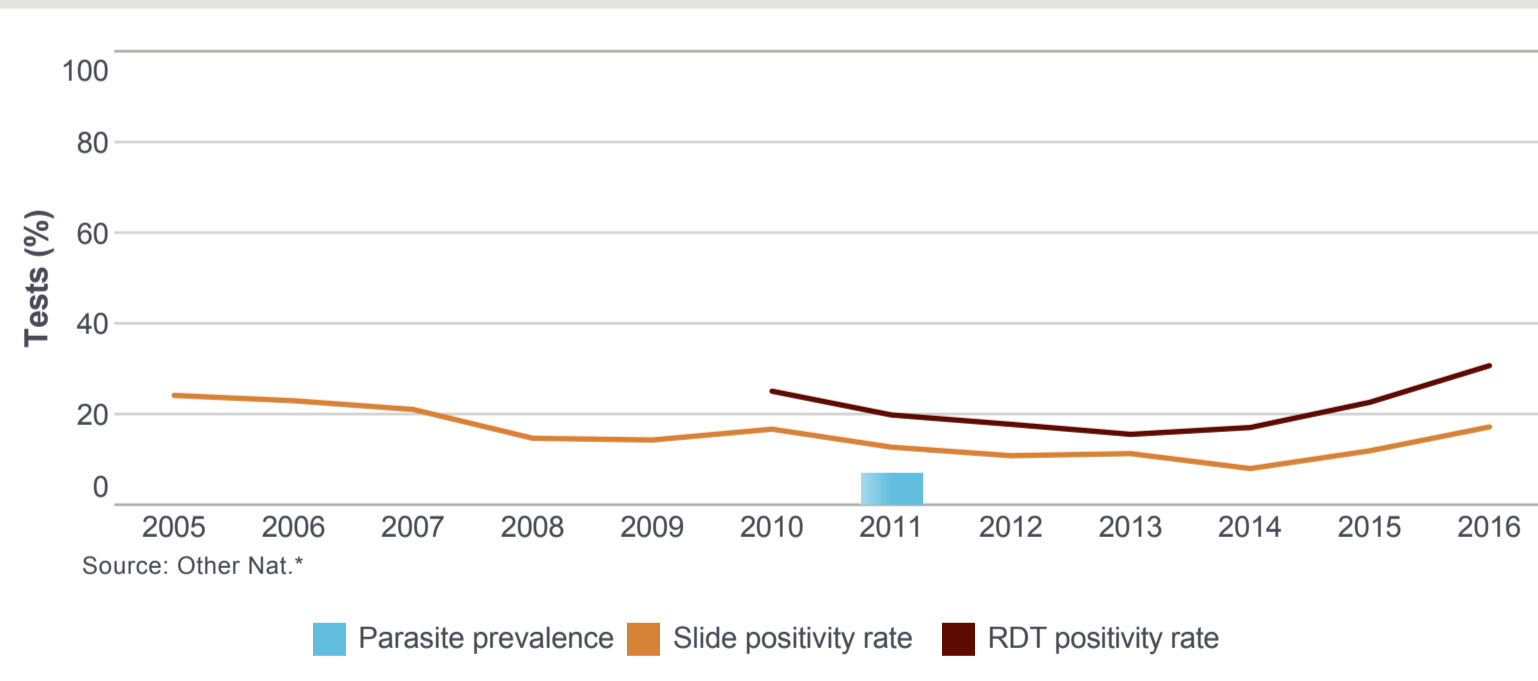
## Cases tested and treated in public sector



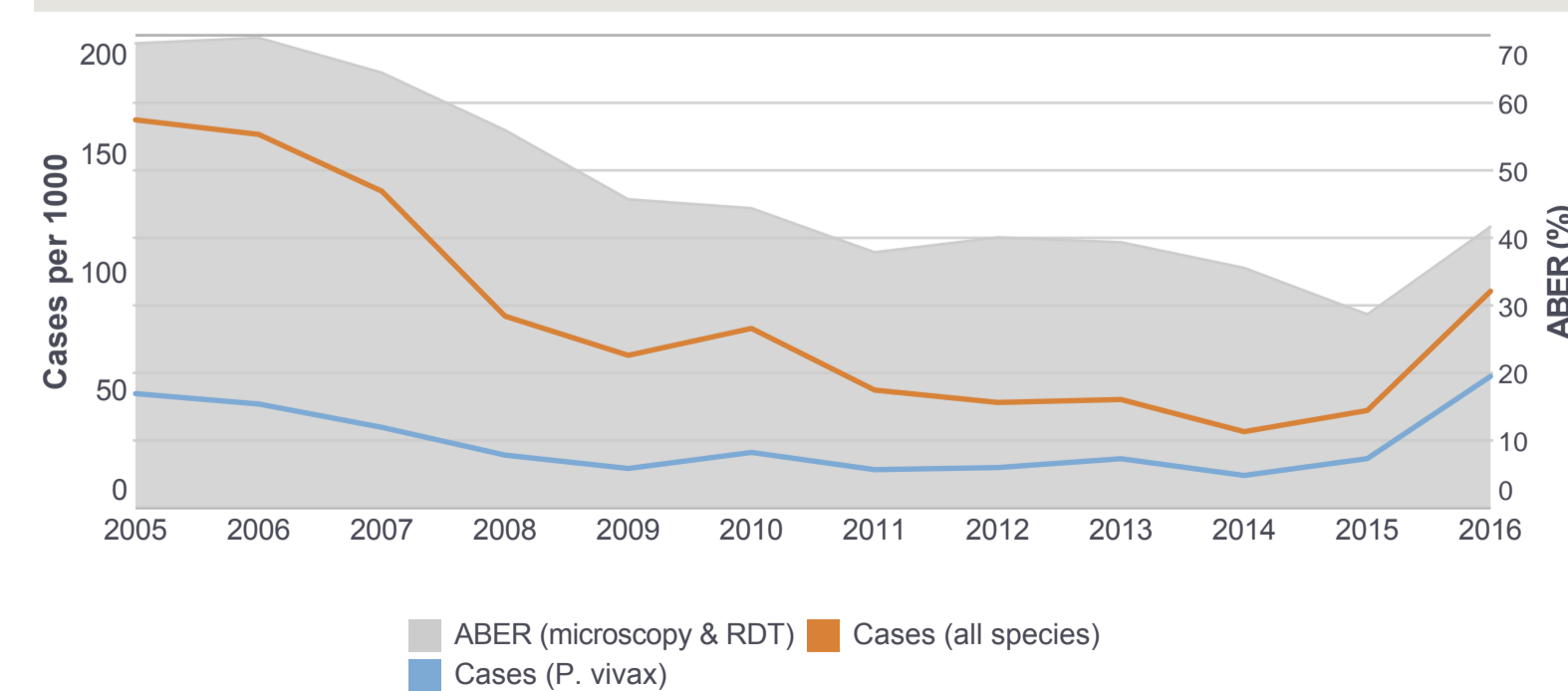
## V. Impact



## Test positivity



## Confirmed malaria cases per 1000 and ABER



## Malaria admissions and deaths

