

Success Story of Malaria Elimination in the IR Iran,



RBM VCWG-15 meeting, Geneva, Feb. 2010

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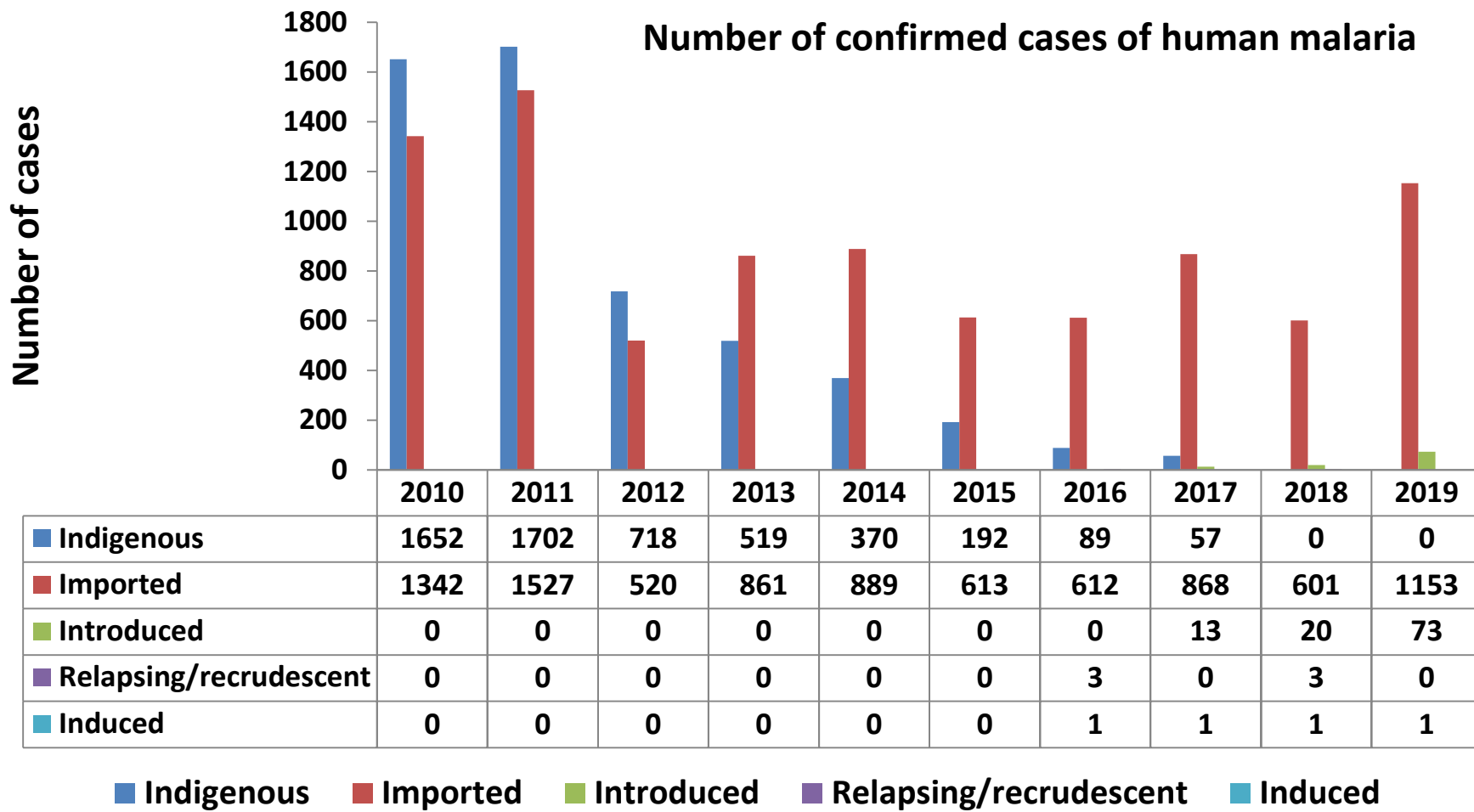
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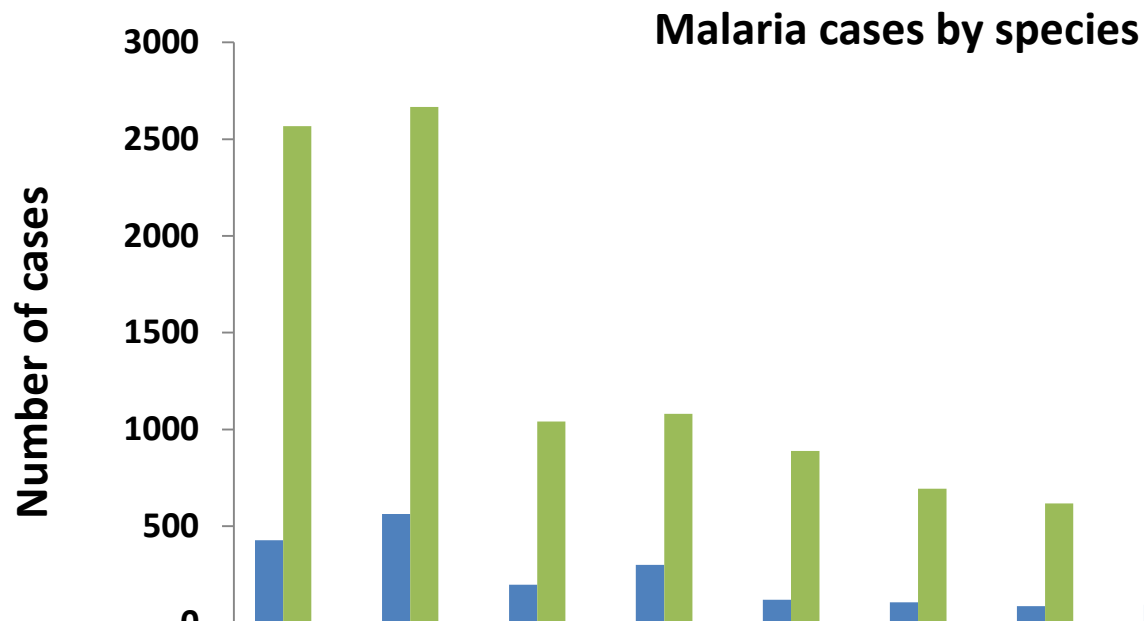
Update on malaria by case classification in Iran



Number of confirmed cases of human malaria



Malaria cases by species in Iran



	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
P. falciparum/Mix	427	562	198	300	119	106	86	93	50	166
P. vivax	2567	2667	1040	1080	889	693	618	846	575	987
Other species	0	0	0	0	0	1	1	0	0	0

■ P. falciparum/Mix

■ P. vivax

■ Other species

Origin of imported cases detected in Iran



Nationality	2018	2017	2016	2015	Total
Afghan	322	613	348	281	1564
Pakistani	107	147	142	156	552
Iranian	170	166	199	355	890
Other/Not known	26	13	16	9	40
Total	625	939	705	801	3046

*Imported cases include nationals of the country reporting.

Map or table of stratification in Iran



Risk of re-establishment of transmission





- **Case detection**

1. *Proactive*
2. *Passive*
3. *Reactive*
4. *Intensified*

- **Notification**

- ✓ *Prompt notification for confirmed malaria case*

- **Case investigation and classification:**

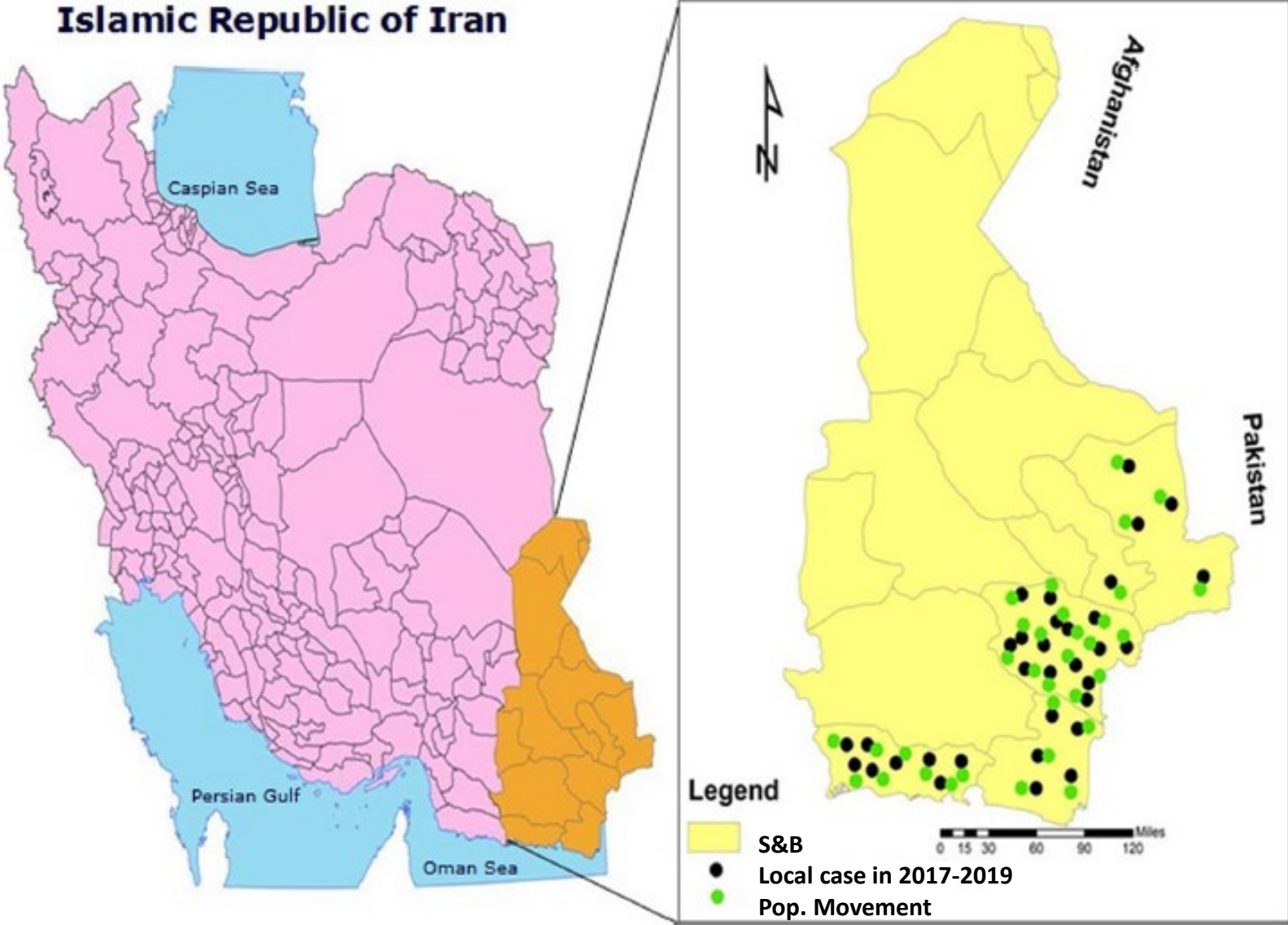
All cases investigated, classified and notified to upper levels, within 24-48 hours(using easy /user friendly mobile application in the field)

- **Special populations:**

1. *Fuel smugglers*
2. *Seasonal unregistered foreign workers*
3. *Border guards*
4. *Working groups in Africa (specialized staff assigned)*
5. *Travellers to Africa, tourists, traders, diplomat, etc*

- ✓ **Intensified case detection, Proactive IRS, LLIN distribution(1-2)**
- ✓ **Education on self care against mosquito biting, malaria symptoms, screening in border posts, Chemoprophylaxis (3-5)**

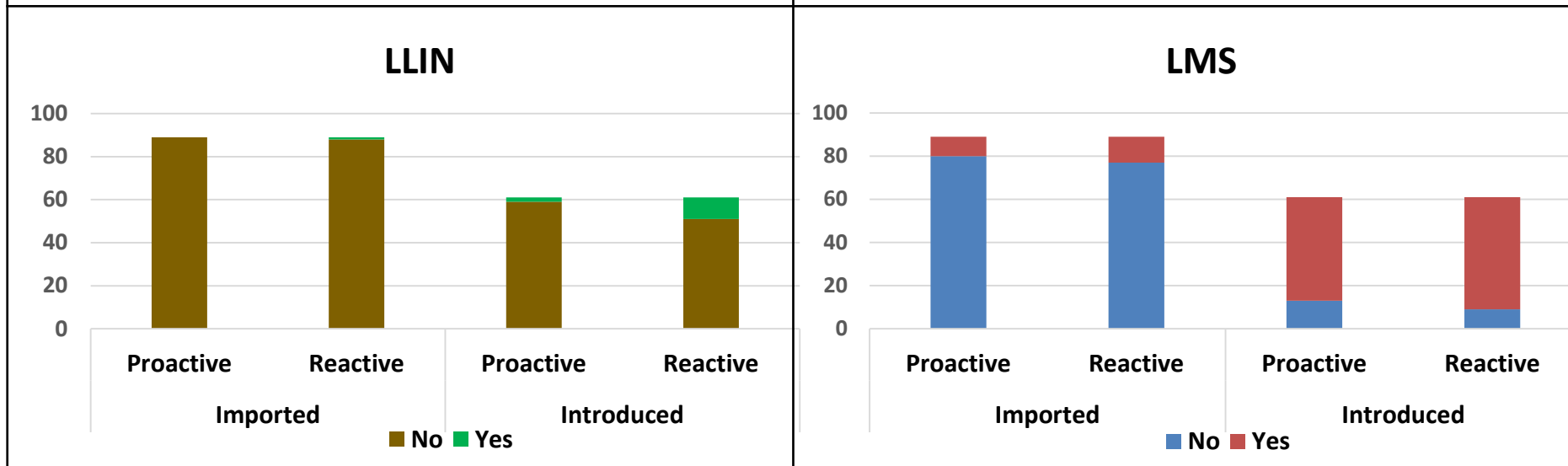
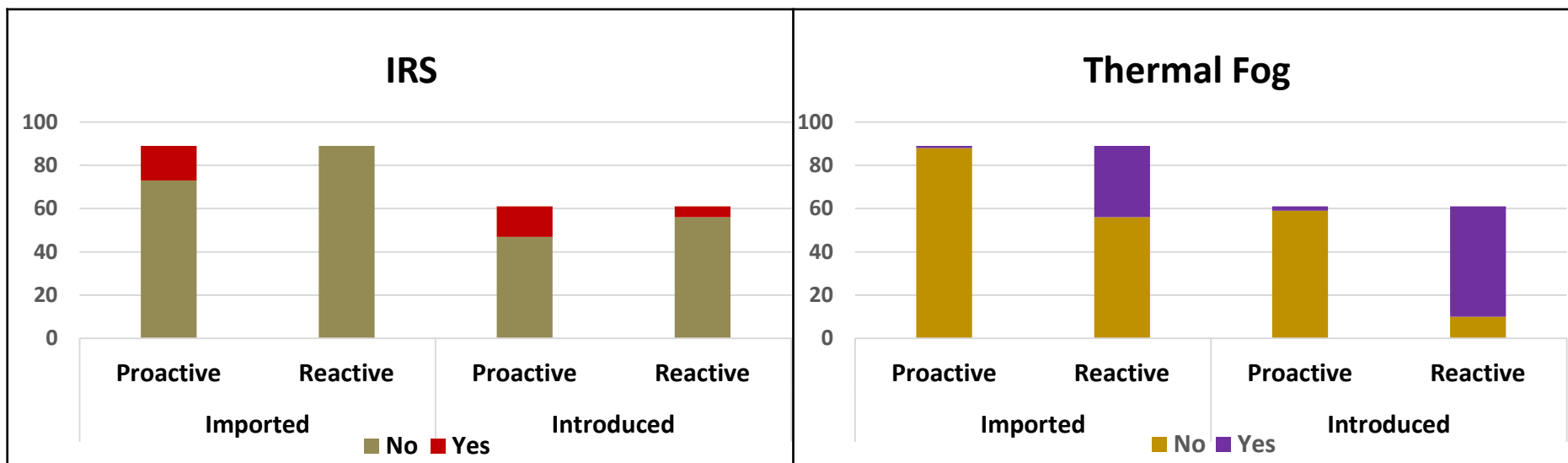
Malaria in border areas of Iran



VC Interventions are very targeted:



It includes both Proactive and Reactive Interventions mainly based on Malaria active foci in an elimination setting :





Major concerns

- **Unfair US Sanctions**
- **Population movement and cross border mobility**
- **Advocacy is not easy due to low number of malaria cases**
- **Malaria is no more in priority list of diseases for medical Practitioners and health professionals**
- **Insecticide Resistance**
- **Potential regional crisis/instability**
- **Potential Risk of Aedes-borne diseases**



Thank you for attention

