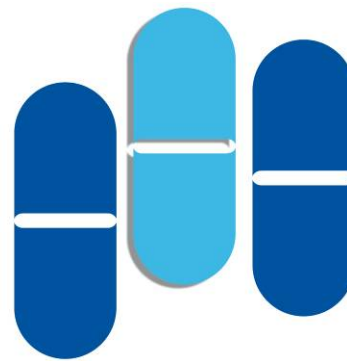




ACTwatch

Evidence for Malaria Medicine Policy

Health Seeking Behavior and Use of Antimalarials and RDTs in 6 Malaria Endemic Countries

Ekundayo Arogundade
on behalf of the *ACTwatch* Group



Household Survey Sub-Saharan Africa: Methods

- Nationally representative samples were selected using multi-stage cluster sampling.
- Eligibility:
Households with a child with fever in the previous two weeks were included in the survey

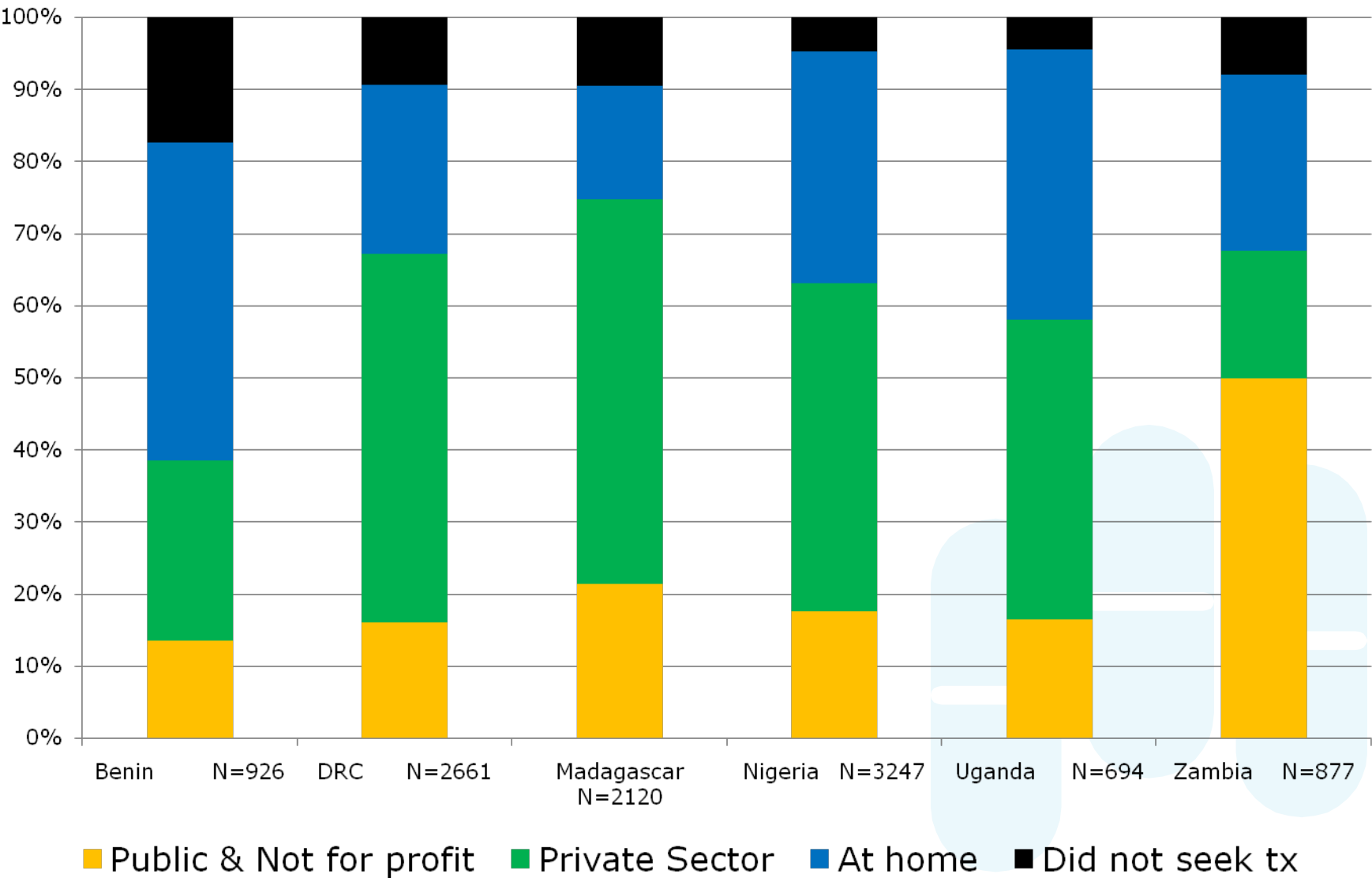


Household Surveys – 6 Countries Overview

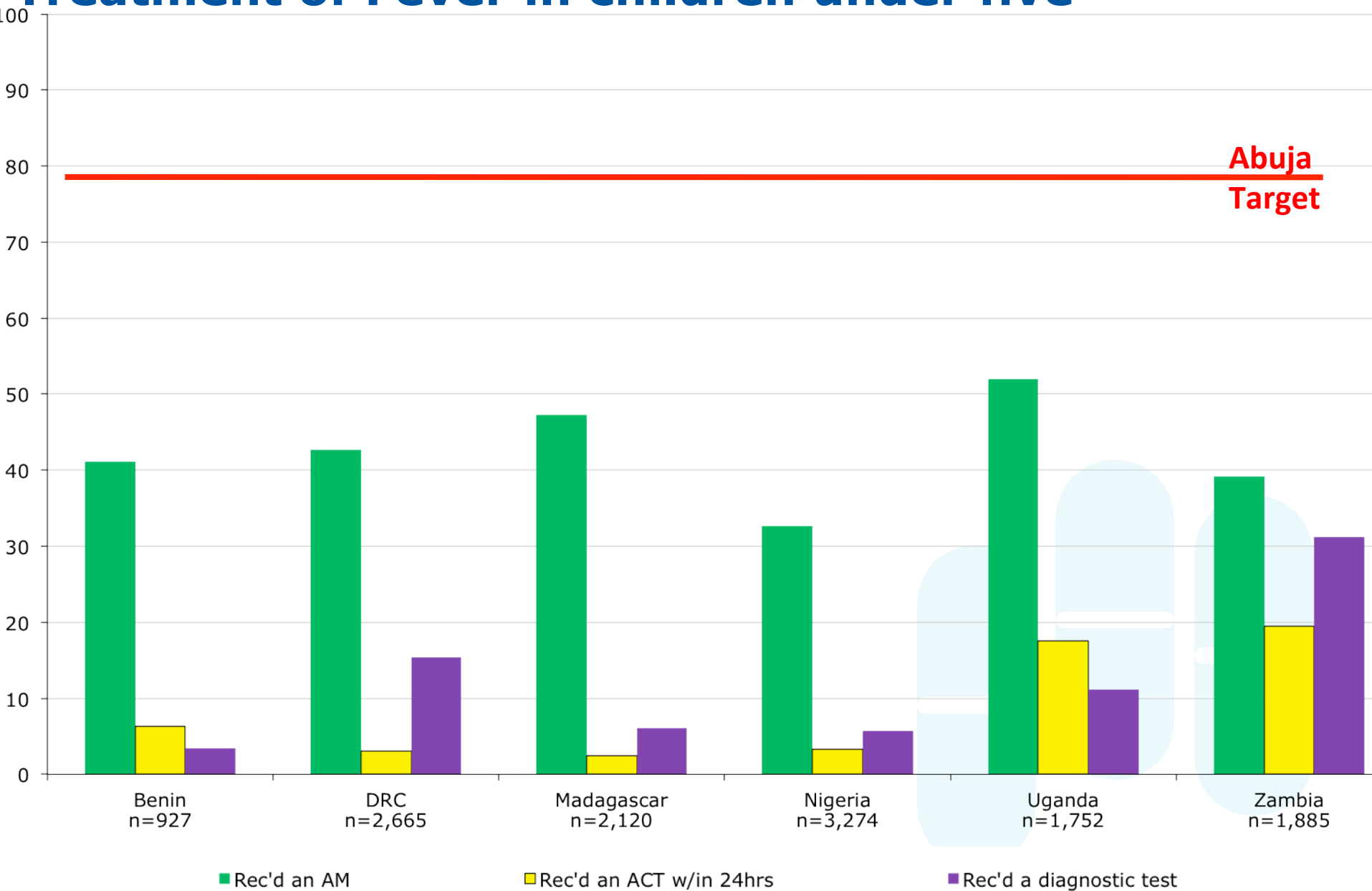
<i>Number of households</i>		<i>Children</i>	<i>Survey date</i>
Benin	876	927	2009
DRC	2,236	2,665	2010
Madagascar	1,961	2,120	2008/9
Nigeria	2,734	3,274	2009
Uganda	1,509	1,754	2009
Zambia	1,703	1,855	2009



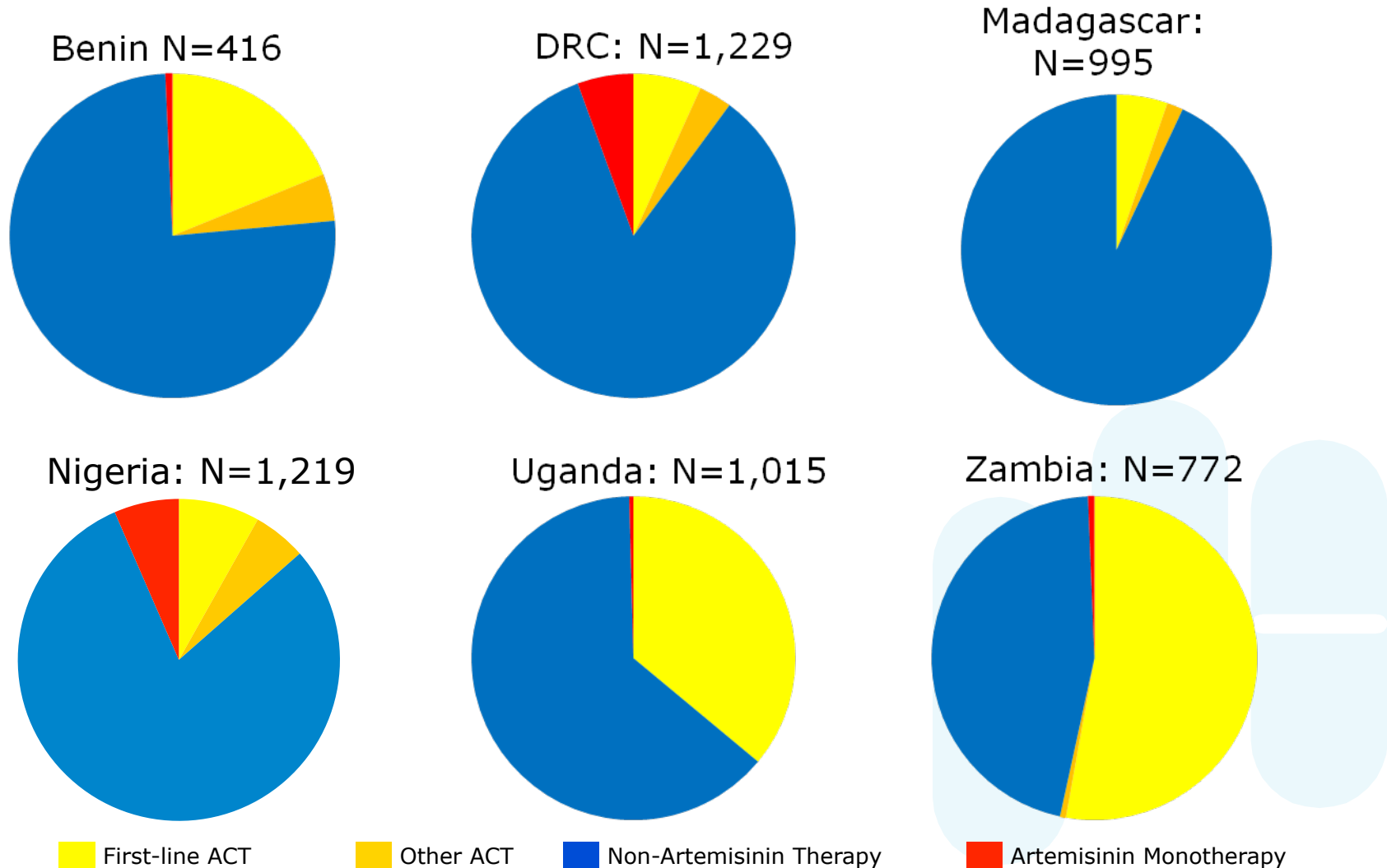
Initial treatment seeking



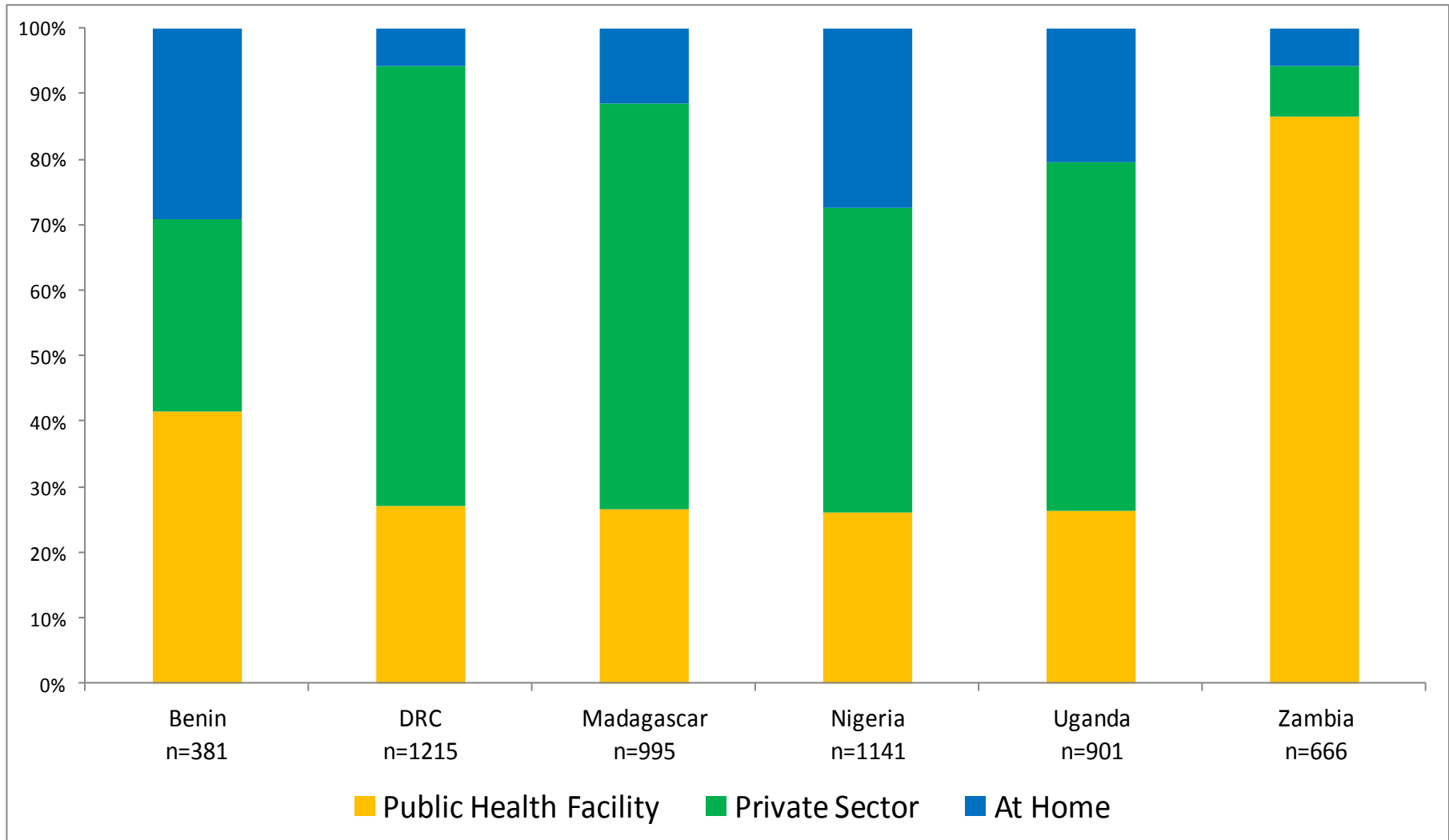
Treatment of Fever in children under five



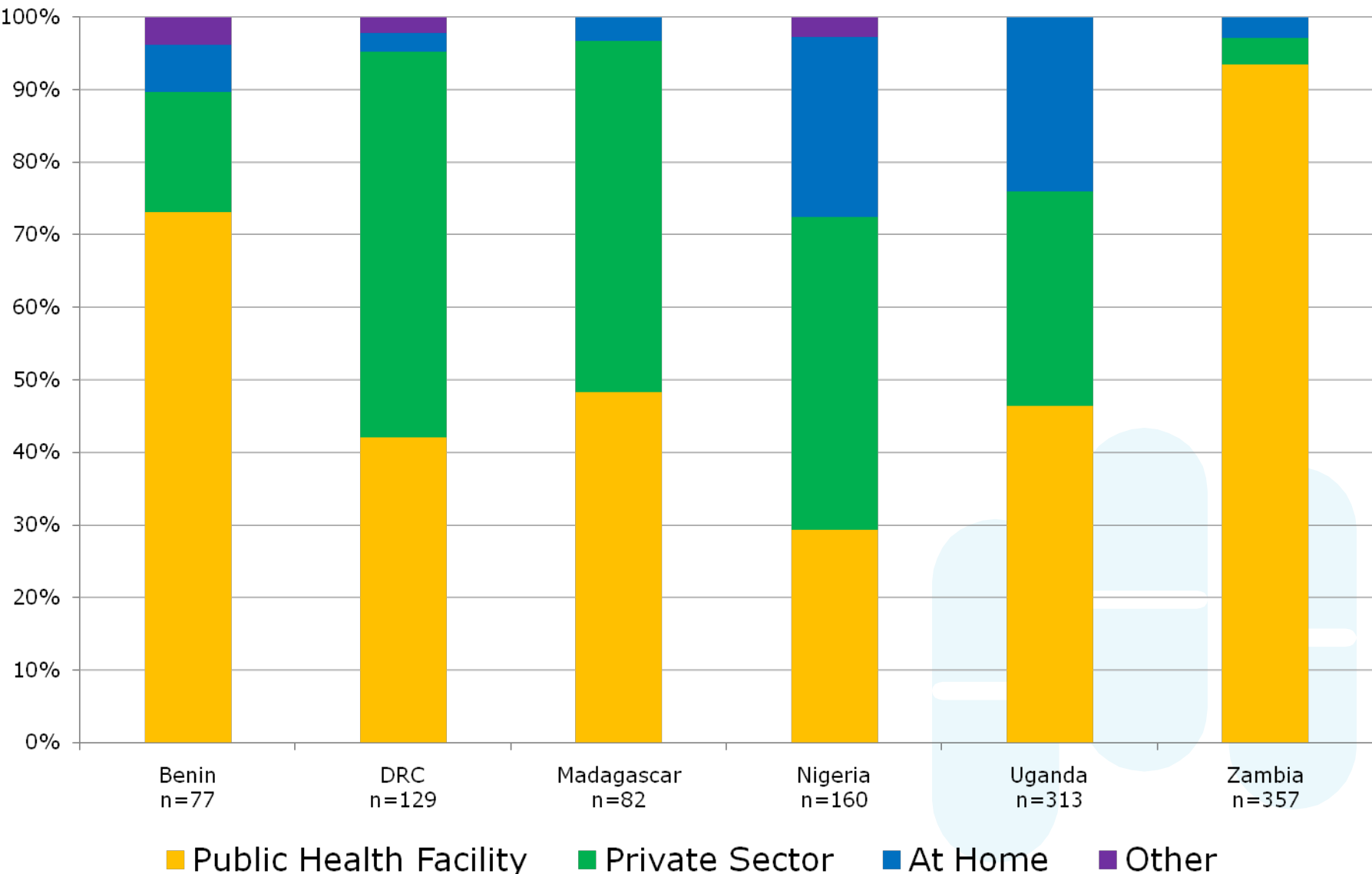
Type of antimalarials acquired for children with fever



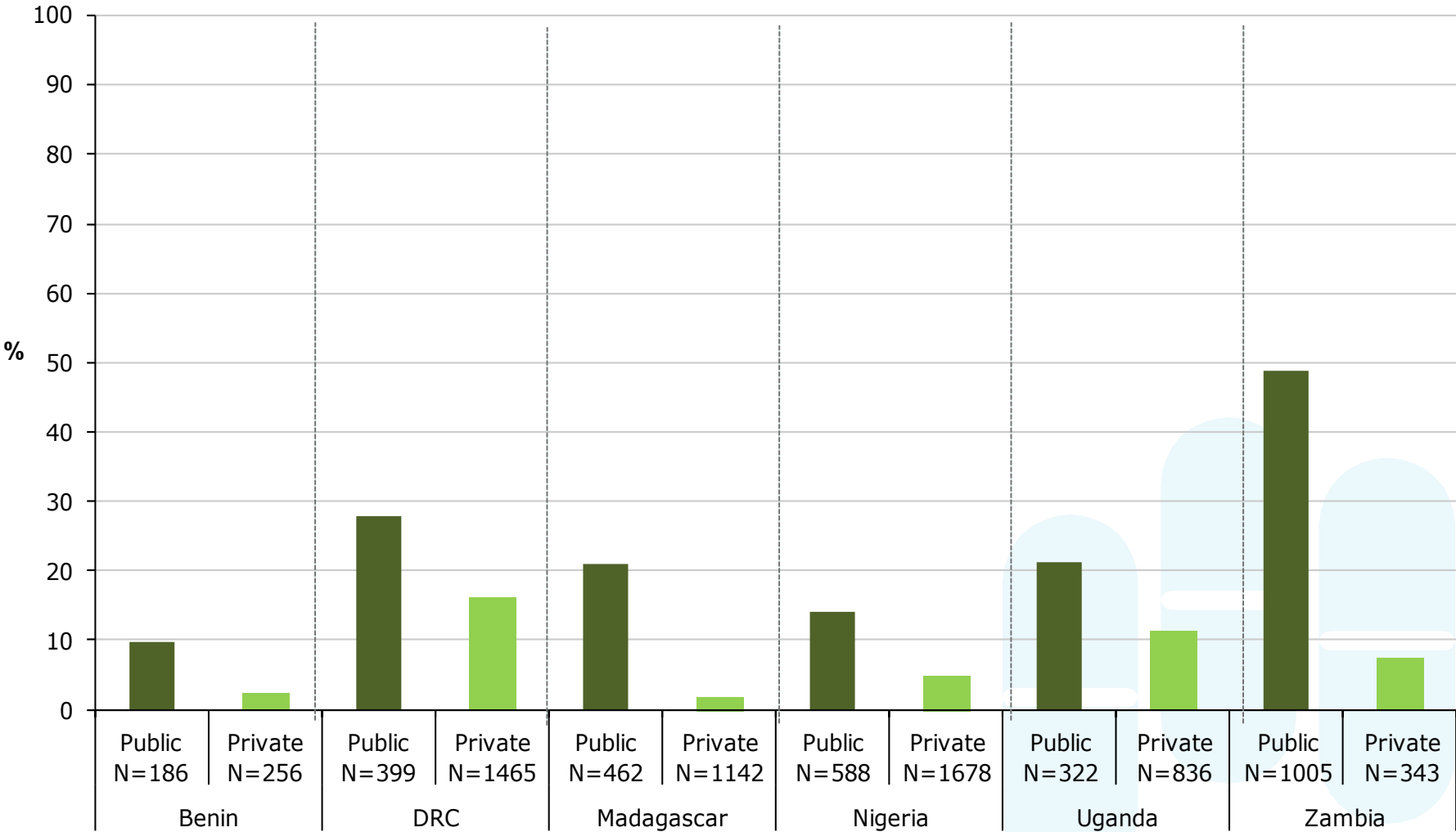
Where antimalarials are acquired for children with fever



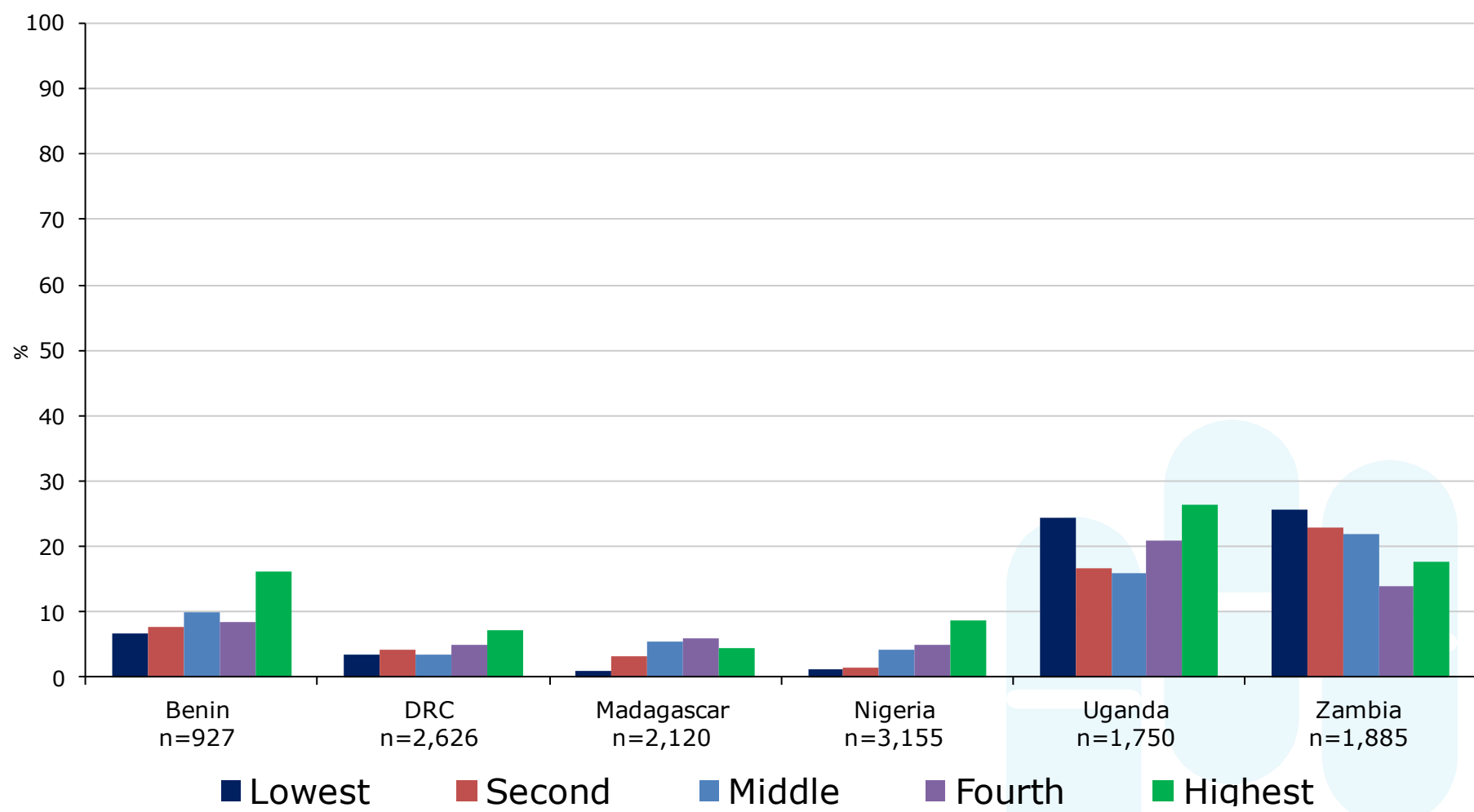
Where ACTs are acquired for children with fever



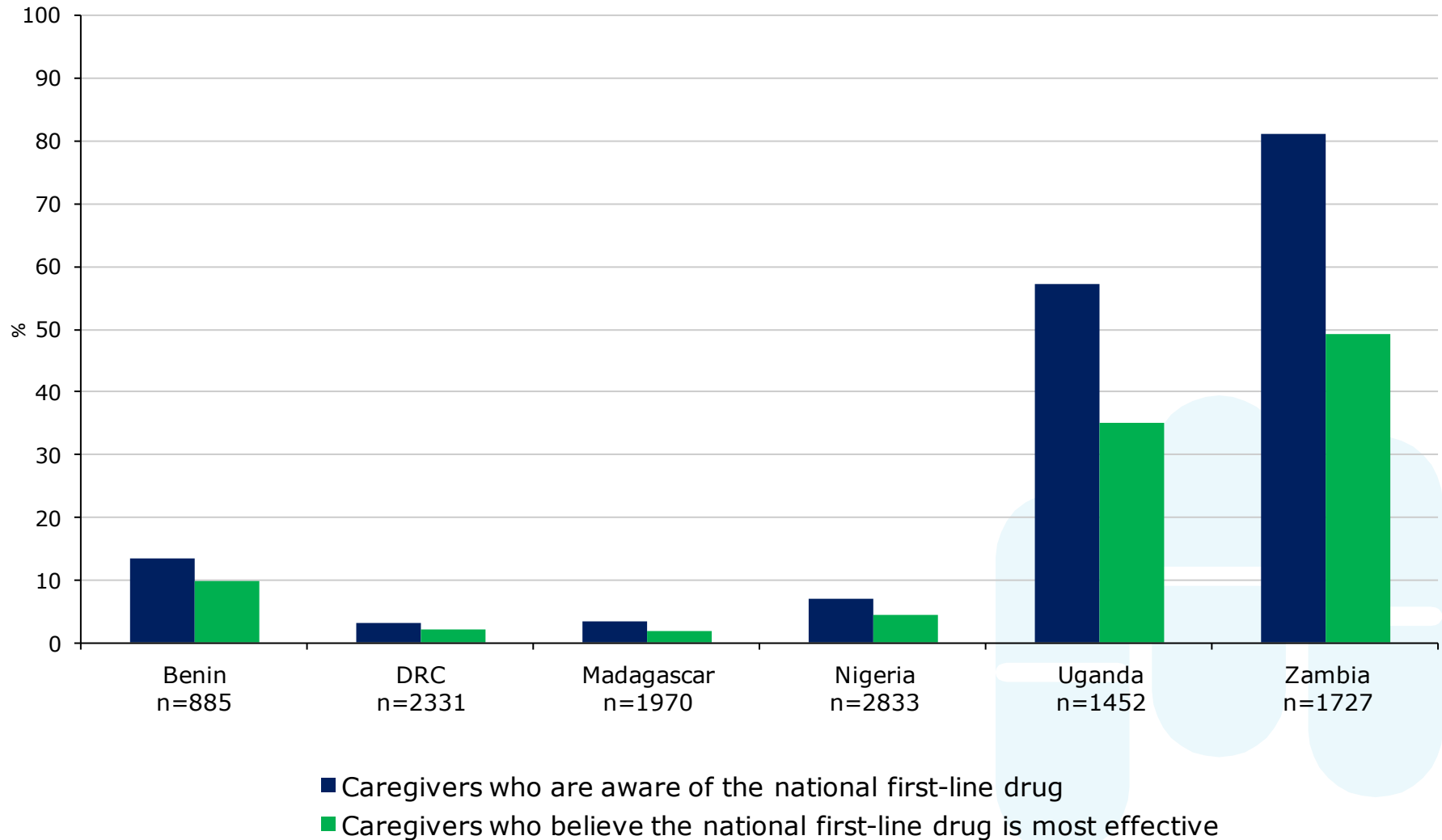
Children with fever that received a malaria diagnostic blood test, by sector



ACT Treatment across household wealth quintiles



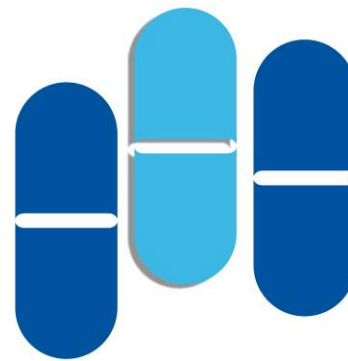
Caregivers awareness of most effective treatment for malaria is low



Summary

- Levels of effective fever case management are low and inequitable in many contexts.
- The private sector is frequently accessed, however case management practices are relatively poor in comparison with the public sector.
- Supporting interventions in both the public & private sectors are needed to achieve maximum gains in the context of improved access to effective treatment.





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Evidence for Malaria Medicine Policy

Thank you



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Series Collection: ACTwatch

Methodology

Shewchuk, T; O'Connell, KA; Goodman, C; Hanson, K; Chapman, S; Chavasse, D The ACTwatch project: methods to describe anti-malarial markets in seven countries; *Malaria Journal*, 10:35

Research

O'Connell, KA; Gatakaa, H; Poyer, S; Njogu, J; Evance, I; Munroe, E; Solomon, T; Goodman, C; Hanson, K; Zinsou, C; Akulayi, L; Raharinjatovo, J; Arogundade, E; Buyungo, P; Mpasela, F; Adjibabi, CB; Agbango, JA; Ramarosandratana, BF; Coker, B; Rubahika, D; Hamainza, B; Chapman, S; Shewchuk, T; Chavasse, D Got ACTs? Availability, price, market share and provider knowledge of anti-malarial medicines in public and private sector outlets in six malaria-endemic countries. *Malaria Journal*, 2011, 10:36

Littrell, M; Gatakaa, H; Evance, I; Poyer, S; Njogu, J; Solomon, T; Munroe, E; Chapman, S; Goodman, C; Hanson, K; Zinsou, C; Akulayi, L; Raharinjatovo, J; Arogundade, E; Buyungo, P; Mpasela, F; Adjibabi, CB; Agbango, JA; Ramarosandratana, BF; Coker, B; Rubahika, D; Hamainza, B; Shewchuk, T; Chavasse, D; O'Connell, KA Monitoring fever treatment behaviour and equitable access to effective medicines in the context of initiatives to improve ACT access: baseline results and implications for programming in six African countries , *Malaria Journal*, 10:327.

Littrell, M; Gatakaa, H; Sochea Phok, Henrietta Allen, Shunmay Yeung, Char Chuor, Lek Dysoley, Duong Socheat, Angus Spiers, Chris White, Shewchuk, T; Chavasse, D; O'Connell, KA Case management of malaria fever in Cambodia: results from national anti-malarial outlet and household surveys , *Malaria Journal*, 10:328.

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