

## Additional File 2: Use of available ITNs by pregnant women

Author	Year	Country	Type	n=	Data Source	ITN OWNERSHIP (at least 1 ITN/HH)	AVAILABLE ITN USE (use in HH owning >= 1 ITN)	Coverage *
<b>NATIONAL HOUSEHOLD SURVEY DATA</b>								
Eisele <i>et al</i> [10]	2009	Africa	Cross section	N/A	DHS and MIS data 2003-2007 from 15 Nations.	100% HH (for analysis)	Kenya 82%, DRC 73%, Rwanda 79%, Tanzania 72%, Zimbabwe 29%, Ethiopia 32%, Senegal 38%, Malawi 52%	
Baume <i>et al</i> [36]	2008	Africa	Cross section	N/A	Coverage of ITNs from 2000-2004 from HH surveys in 4 nations.	Nigeria 0-9% Senegal 8-39% Zambia 6-35% Uganda 1-21%	Nigeria 49% *(2004) Senegal 80% * Zambia 39% * Uganda 64% *	Nigeria 0-4% Senegal 5-31% Zambia 0-14% Uganda 1-13%
Baume <i>et al</i> [18]	2007	Africa	Cross section	N/A	Coverage of ITNs from 2000-2004 from DHS in 6 Nations.	100% HH (for analysis)	Ghana 69%, Mali 66%, Zambia 51%, Ethiopia 32%	
Graves <i>et al</i> [16]	2011	Ethiopia	Longitudinal	240p 232p	Data from 2006 MIS and sample of HH in 2007.	100% HH (for analysis)	84% (2006) 59% (2007)	
Jima <i>et al</i> [38]	2010	Ethiopia	Cross section	570p	2007 MIS Results.	66% HH	66%	44%
Auta <i>et al</i> [21]	2012	Nigeria	Cross section		2008 DHS.	8% HH	44%	4%
Amzat <i>et al</i> [56]	2011	Nigeria	Cross section		2008 DHS + other data	8%	63% *	5%
Steketee <i>et al</i> [71]	2008	Zambia	Cross section		2006 DHS	44%	55% *	24%
<b>DATA FROM OBSERVATIONAL STUDIES</b>								
Deressa <i>et al</i> [17]	2011	Ethiopia	Cross section	2874	HH survey in 2 districts.	49% HH	52%	25%
Graves <i>et al</i> [40]	2009	Ethiopia	Cross section	207p	Modified MIS in from 3 districts.	20% in HH	95% *	19%
Belay <i>et al</i> [41]	2008	Ethiopia	Cross section	815p	Community based HH survey.	34% HH	58%	20%
Njoroje <i>et al</i> [46]	2009	Kenya	Cross section	220p	Survey of women attending ANC.	75%	70%	53%
Aluko <i>et al</i> [54]	2012	Nigeria	Cross section	335p	Surveys of women at fee-paying hospitals.	44%	72%	32%
Ankomah <i>et al</i> [19]	2012	Nigeria	Cross section	2348p	HH surveys of pregnant women.	29%	26%	8%
Aina <i>et al</i> [72]	2011	Nigeria	Cross section	163p	Survey of women attending ANC.	16-55 %	68-71%	11-37%
Wagbatsoma <i>et al</i> [58]	2010	Nigeria	Cross section	385p	Survey of women attending ANC.	9% HH	86%	8%
Afolabi <i>et al</i> [59]	2009	Nigeria	Cross section	78p	HH survey in 2 rural regions.	22-49%	58-90% *	29-28%
Ambrose <i>et al</i> [67]	2011	Tanzania	Cross section	222p	Survey of women attending ANC.	78%	87%	68%
Sangare <i>et al</i> [70]	2012	Uganda	Cross section	500p	HH survey of pregnant/post partum women.	72% 1st TM +20% 2nd TM	73%	67%
<b>BASELINE DATA FROM INTERVENTION STUDIES</b>								
Muller <i>et al</i> [30]	2008	Burkina Faso	Cluster RCT	107p 105p	Baseline data from 2 rural clusters in a RCT.	21-25%	20-24% *	5% (both clusters)
Pettifor <i>et al</i> [37]	2008	DRC	Longitudinal	351p	Baseline data from a wider longitudinal study.	33%	76% *	25%
Deribew <i>et al</i> [22]	2010	Ethiopia	Cross section	242p	Baseline results from a cluster RCT.	70%	80%-100% *	56- 75%
Mathanga <i>et al</i> [51]	2009	Malawi	Longitudinal	78p 149p	Baseline data from a rural intervention study.	41-57%	49-66% *	22-29%
Thwing <i>et al</i> [32]	2008	Niger	Longitudinal	254p	Baseline data from a campaign evaluation.	6%	55% *	31%
Hanson <i>et al</i> [69]	2009	Tanzania	Cross section	779p	Baseline data from a voucher evaluation.	18%	61% *	11%

**Legend:** NA not available, DRC Democratic Republic of Congo, HH Household, p pregnant, MIS Malaria Indicator survey, TM trimester, *RCT* *Randomized Control Trial*. Where statistics have been presented, all have been rounded to the nearest whole number.

\*Calculated from available data using formula [% coverage= % ownership x % available ITN use]