

Supplementary Table 1: General Population Cohort characteristics from calendar year 2014 to 2016

Children (25 th survey, carried out in 2016)	
<u>Age groups (years)</u>	
1 – 5	28% (1148/4134)
6 – 12	49% (2040/4134)
13 – 17	23% (946/4134)
<u>Sex</u>	
Males	50% (2061/4134)
Haemoglobin levels, mean (range)	13.0 (3.7, 21.8) g/dL
<u>Anaemia^a</u>	
Normal	81% (2584/3199)
Anaemic	19% (615/3199)
HIV prevalence	1% (48/3860)
Malaria parasitaemia	18% (569/3199)
Adults (24 th survey, carried out in 2014 and 2015)	
<u>Age groups</u>	
18 – 24	21% (666/3149)
24 - 44	40% (1265/3149)

45 - 103	39% (1218/3149)
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<u>Sex</u>	
Males	41% (1297/3149)

Haemoglobin levels, mean (range)	13.7 (2.8, 21.1) g/dL
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<u>Anaemia^a</u>	
Normal	75% (2370/3149)
Anaemic	25% (779/3149)

HIV prevalence	9.7% (305/3146)
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Proportions were determined using survey commands. ^ahaemoglobin levels were altitude adjusted and categorised into normal and anaemic following 2011 WHO guidelines.