3,639 children enrolled from June 2006 to May 2007

548 children without severe illness

3,091 children with at least one sign of severe febrile illness

537 bacterial isolates from blood culture

2,308 with positive RDT or blood film

225 organisms classified as a contaminant

1,398 with no sign of severe malaria

312 (10%) with bacteremia

910 (29%) with severe malaria

86 (3%) with bacteremia and severe malaria

778 children enrolled from June 2007 to February 2008

153 bacterial isolates from blood culture

491 with positive RDT or blood film

76 organisms classified as a contaminant

61 with no sign of severe malaria

77 (10%) with bacteremia

430 (55%) with severe malaria

32 (4%) with bacteremia and severe malaria

2,967 children enrolled from March 2008 to May 2010

558 bacterial isolates from blood culture

1,498 with positive RDT or blood film

263 organisms classified as a contaminant

940 with no sign of severe malaria

295 (10%) with bacteremia

558 (19%) with severe malaria

49 (2%) with bacteremia and severe malaria

**COMBINED TOTAL:**
6,836 severely ill children were included in the analysis
1,248 (18%) with bacteria isolated from blood culture
564 (8%) with organisms classified as a contaminant
684 (10%) with pathogenic bacterial isolates
1,898 (28%) with severe falciparum malaria
167 (2%) with both bacteremia and severe malaria